

STATEMENT OF WORK

PROJECT TITLE: Center for Ambulatory Polytrauma and Blind Rehabilitation Building 500 – VA Palo Alto

PROJECT LOCATION: Veterans Affairs Palo Alto Health Care System (VAPAHCS) Palo Alto Division (PAD): 3801 Miranda Avenue, Palo Alto, CA

PROJECT NO: 640-17-3-532-0072

PROJECT TYPE: PBRC Building Preparation for Activation Project

DATE: July 7, 2017

1. PROJECT DESCRIPTION AND SCHEDULE

- A. PROJECT DESCRIPTION:** Provide construction services for completing different scope of work listed below. The project is located at Building 500, 3801 Miranda Ave, Palo Alto, CA 94304.
- B. PROJECT CONSTRUCTION SCHEDULE:** Construction services for Project shall be completed within **90** calendar days from “Notice to Proceed” (NTP).
- C. PROJECT OBJECTIVE:** Due to the Construction & Facilities Management (CFM) de-scoping ancillary work, the Office of Facility Planning and Development (OFPD) is responsible for completing the following task orders for full operation by the end of October 2017.

Scope of Work – Index:

- 1. Project Description and Schedule
- 2. General Requirements
- 3. Statement of Bid Items
- 4. Site Conditions & Code Compliance
- 5. VA Team
- 6. Abbreviations & Acronyms
- 7. List of Specifications

Attachments:

- 1. Exhibit 1: Floor Plans, Details
- 2. Exhibit 2: Additional Product Information PDF Files
- 3. Exhibit 3: Specifications
- 4. Exhibit 4: Photos
- 5. Exhibit 5: Overhead Track Support Documents

The Construction Contractor shall provide construction services as outlined in this Statement of Work document. Construction services shall be provided to the VAPAHCS, located at 3801 Miranda Avenue, Palo Alto, CA 94304, all in accordance with this SOW and contract terms and conditions.

2. GENERAL REQUIREMENTS:

- A. Regular Hours:** The normal work hours will be business hours (7:30am – 4:30pm) Monday through Friday. The Government has the option to modify the normal work week, days and hours, as necessary to meet the mission of the VAPAHCS. Contractor shall be flexible if a change in work hours is necessary to complete the project in order to accomplish the mission of VAPAHCS.

- B. After Hours Work and Scheduling:** All work done after office hours per the COR's discretion will have no additional cost to the government.
- C. Repairs:** Repair, patch, and paint any surface disturbed by work in this contract to level 5 wall finishes with three (3) coats of paint see spec section (09 91 00)
- D. Fixtures and finishes:** Fixtures and finishes provided and installed under this contract must be approved by COR before ordering.
- a. Electrical Work for Door Actuators
 - b. Landscape Planters
 - c. Landscape Benches
 - d. Wall Protection Sheets/Corner Guards and Kick Plates
 - e. Solid Surface Installation
 - f. 3 Form Door Installation
 - g. 3 Form Panel at Display Areas
 - h. Casework Removal
 - i. Gait Lab Equipment Installation
 - j. Fall Protection Netting
 - k. Woodshop: Equipment Anchorage; Woodshop Equipment Plugs add and Magnetic Switches; Woodshop dust collection branch hose addition; Woodshop Flammable Cabinet venting
 - l. Electrical Outlet Labeling
 - m. Overhead track Support for Solo-Step Equipment
 - n. Data Port Outlet Labeling
 - o. Nurse Call Systems
 - p. Flooring Change and Touch Up paint
 - q. Power Addition to Telecom Closets
- E. VA Security Measures:** All employees of the general contractor and subcontractors shall comply with the VA security management program and obtain permission of the VA police, be identified by project and employer, and restricted from unauthorized access.
- F. OSHA Certification:** Prior to commencing work, general contractor shall provide proof that an OSHA certified "Competent Person" (CP) (29 CFR 1926.20 (b) (2) will maintain a presence at the work site whenever the general or subcontractors are present.
- G. Rules of the Station:** Comply with requirements as indicated in specification section 01 00 00 General Requirements specification.
- H. Site Preparation:** Site preparation – Includes implementing proper measures such as protective runners, pads, etc. to protect the site and building (elevators, walls, stairs, floors, etc.). The contractor agrees to protect all GFP and building premises from damage and agrees to take necessary protective precautions and agrees to be held financial responsible for all damages transpired by the contractor (accidentally, or on purpose). Contractor to verify all requirements with a walkthrough before proceeding with the work.
- I. Contractor Training Requirements:**
- a. All employees of the general contractor or subcontractors shall have the 10-hour OSHA certified Construction Safety course and/or other relevant competency training, as determined by VA CP with input from the ICRA team.
 - b. Submit training records of all such employees for approval before the start of work.

3. STATEMENT OF BID ITEMS:

Requirements:

- Contractor shall provide all required labor, material, permits, plans, engineering, local and state inspections to provide a 100% completed project.
- Contractor shall submit shop drawings for the government for review prior to installation. Resubmittals will have no additional cost to the government.
- Contractor shall submit work plans and coordinate installation schedule with the government.
- Contractor shall perform all work in accordance with all applicable codes, local ordinances, and requirements of NFPA and OSHA.
- Use the VA facilities Management Technical Information Library at web site/page:

<http://www.cfm.va.gov/TIL/>.

- All materials, specifications and installation should be ABA/ADA and VA Barrier Free Design Standards Compliant.
- Contractor shall patch, paint, stain, and repair any impacted or damaged areas to no additional cost to the government.
- Use attached General Requirements.

Scope of Work Task List:

The Contractor has the flexibility to schedule his work according to his own work plan. The table below may be useful only if the contractor is sequencing his work based on priorities:

Low Priority	Medium Priority	High Priority
<ul style="list-style-type: none"> - Landscape Planters - Landscape Bench 	<ul style="list-style-type: none"> - Casework removal - 3 Form Sliding Door - 3 Form Panels - Fall Protection Netting - Electrical Outlet Labeling 	<ul style="list-style-type: none"> - Power Addition to Telecom Closets - Data Outlet Labeling - Nurse Call Systems - Wall protection, CG & Kick Plates - Gait Lab Equipment - Woodshop Equipment - Track Support for Solo Step - Electrical Door Actuators - Solid Surface Installation

A. Electrical Work for Door Actuators:

1. Specific Task & Deliverables

- Contractor shall provide electrical connection for these 29 doors with actuator openers:
 - Dual Doors: A1-800I; A1-800J; B1-110; CB-115A; CB-220, CB2-201 & CB221
 - Single Door – Restrooms: B1-111, B1-112, B2-111, B2-112, A3-101 & A3-103
 - Single Door: B1-110B, B1-120A; B1-120B; B2-110; B2-110C; B2-600D; B2-600E; CA-303; CA-303A; B2-CY4A; B2-CY4C & B2-CY4D
 - Single Door - Waiting Room: B1-115
 - Single Door – Laundry: A1-127; A2-506; A3-507
- 110 volt electrical service to operator header.
- Glass and Glazing
- Perimeter Caulking
- Adjacent Storefront
- Transom Framing above door
- Gang Box, 1 pair 18 gauge low voltage wiring, and any necessary conduit or wire mold for each push plate
- Header support for surface mounted swing door operator(s)
- All conduits and wirings shall be concealed within the walls, ceilings, and door assembly.
- The installation must maintain the existing rated construction and performance of the doors, partitions, ceiling, etc.
- Contractor shall be responsible for removal of any debris generated by this contract.
- Lower wall guards will need to be trimmed at several locations to allow for lower radio control push plates to be installed and they need to have a confirmation this work will be done by the contractor.
- Signed and stamped shop drawings by a Certified Professional Engineer.
- See Salient Characteristic for more information.
- Note: The contractor shall install multiple access panels on hard ceilings if needed with no additional cost to the government. New access panels installed by the contractor will match existing access

panels, including fire rating and paint color.

2. Installation

- Examine doors and frames, with Installer present, for compliance with requirements for installation tolerances, wall and floor construction, and other conditions affecting performance.
- Examine roughing-in for electrical source power to verify actual location of wiring connections.
- Proceed only after such discrepancies or conflicts have been resolved.
- Do not install damaged components. Fit joints to produce hairline joints free of burrs and distortion. Rigidly secure non-movement joints.
- Door Operators: connect door operators to electrical power distribution system.
- Cleaning surfaces promptly after installation. Remove excess sealants, compounds, dirt and other substances. Repair damaged finishes to match original finish.

3. Attachments / Drawing number:

- Polytrauma Door Schedule & Door Details
- AE2_1_1 DOOR ACTUATORS SCOPE LEVEL 1
- AE2_1_2 DOOR ACTUATORS SCOPE LEVEL 2
- AE2_1_3 DOOR ACTUATORS SCOPE LEVEL 3

B. Landscape Planters with soil fill at WBRC Second Floor Courtyard

1. Specific Task & Installation

- Contractor shall provide (5) Landscapeforms GUS Straight planters for WRBC Second Floor Courtyard and fill up the organic soils for patients gardening project.
- Install planters in accordance with manufacturer's instructions at locations indicated on the drawings.
- Install planters level and plumb.
- Adjusting:
 - Finish Damage: Repair minor damages to finish in accordance with manufacturer's instructions and as approved by VA.
 - Component Damage: Remove and replace damaged components that cannot be successfully repaired
- Clean planters promptly after installation in accordance with manufacturer's instructions. Do not use harsh cleaning materials or methods that could damage finish.
- Protect installed planters to ensure that, except for normal weathering, planters will be without damage or deterioration at time of Substantial Completion.
- See Salient Characteristic for more information.
- Please refer to the attached floor plan and product specification for detail information

C. Landscape Neoliviano Bench at WBRC Second Floor Courtyard

1. Specific Task & Installation

- Contractor shall provide (4) Landscapeforms Neoliviano Backless bench – 59”L for WRBC Second Floor Courtyard.
- Contractor shall provide (2) Landscapeforms Neoliviano Backless bench – 118”L for WRBC Second Floor Courtyard.
- Install benches in accordance with manufacturer's instructions at locations indicated on the drawings.
- Install benches level.
- Adjusting:
 - Finish Damage: Repair minor damages to finish in accordance with manufacturer's instructions and as approved by VA.
 - Component Damage: Remove and replace damaged components that cannot be successfully repaired as determined by VA.

- Clean Benches promptly after installation in accordance with manufacturer's instructions. Do not use harsh cleaning materials or methods that could damage finish.
- Protect installed benches to ensure that, except for normal weathering, benches will be without damage or deterioration at time of Substantial Completion.
- See Salient Characteristic for more information.
- Please refer to the attached floor plan and product specification for detail information

2. Attachments

- Landscapeform Planters and Benches Location
- LF_NeolivianoBench_ProductData
- LF_UrbanEdge_Gus-Planter_ProductData

D. Wall Protection Sheets/Corner Guards & Kick Plates installation

1. Specific Task & Deliverables

- Contractor shall deliver materials to the project site in unopened original factory packaging.
- All store materials in original, undamaged packing in a clean, dry place out of direct sunlight and exposure to the elements.
- Material must be stored flat.
- Do not expose wall covering to direct sunlight during or after installation. This will cause the surface temperature to rise, which in turn will cause bubbles and delamination.
- Please refer to the attached floor plan for location.

2. Installation

- Contractor shall provide and install Acrovyn Rigid Sheet for wall protection in designated storage areas and around the sink that are shown on the floor plans.
- Contractor shall install the corner guard at A2-111.
- Contractor shall install protection sheets - 48"H above the rubber base at all storage areas.
- Contractor shall install protection sheets – Align top of the backsplash next to the casework at exam rooms – B1-403, B1-407, B1-409, B1-405, B1-404, B1-406, B1-408, A1-504 & A1-401, A1-500A, A1-504, A1-300A, A1-401, A2-405, A2-300A, A3-400A.
- Contractor shall install protection sheets at sinks that are attached directly on the Gypsum Board.
- Contractor shall remove sinks, faucets, pipes and all items necessary required for installing the wall protection sheets. After completing the wall protection, contractor must reinstall all the items back to walls.
- Contractor shall install Wainscot Trim, Vertical Join Trim or Outside Corner Trim in all locations that are required to cover the protection sheets.
- Contractor shall trim around wall items such as electrical and data receptacles, cover plates when installing the wall protection sheets.
- Contractor shall provide Acrovyn Kick Plates for all Public Multi-Stalls restrooms, Gait Study & Driver Training. The overall kick plates height shall be 10".
- Kick Plates shall be supplied precut to size with de-burred edges. Water based contact cement to be supplied, screws are optional.
- Provide adhesive as recommended by resilient material manufacturer.
- See Salient Characteristic & floor plans for more information.

3. Attachments / Drawing number:

- AE2_1_1 OVERALL FLOOR PLAN LEVEL 1
- AE2_1_2 OVERALL FLOOR PLAN LEVEL 2
- AE2_1_3 OVERALL FLOOR PLAN LEVEL 3
- Wall Protection dimension_20170517
- Kick Plate Dimension

E. Solid Surface Installation at Therapy Gyms & Nutrition & Food Service

1. Specific Task & Deliverables

- Contractor shall have a field measurement before ordering the Dupont Corian – Aurora. Please refer floor plans and salient characteristic for all detail dimension information.
- Install the (3) solid surface partial height walls at A1-800 & B1-120.
- Install the (2) solid surface window sills at A1-125 & A2-111.
- Please refer to the attached floor plan for location.

2. Installation

- Contractor shall provide one piece solid surface in each location.
- Rout and finish component edges with clean, sharp return with smooth edges.
- Adhere to partial height wall and window sill using manufacturer's standard color-matched joint adhesive.
- Replace: repair or replace damaged work which cannot be repaired to architect's satisfaction.
- Cleaning and Protection: keep components clean during installation & remove adhesives, sealants and other stains.

3. Attachments / Drawing number:

- Sheet_color_options_dupont_corian_product_catalog
- AE2_1_1 OVERALL FLOOR PLAN LEVEL 1
- AE2_1_2 OVERALL FLOOR PLAN LEVEL 2

F. 3 Form Sliding Door Installation

1. Specific Task & Installation

- Contractor shall provide (1) 3 Form Frameless sliding door with wall mounted track at Staxi – A1-100E. The door should come with Stiffener Handles.
- The frameless door is guided on the bottom through the use of floor guides. The contractor shall select the appropriate hardware to complete the door installation.
- Contractor shall make sure the room has an enough space since the track for the sliding door requires to extend the entire length of the door's travel. The contractor may require relocating the "system record document" key box to other location for installing the sliding door. After removing the key box, contractor should repair, patch and paint any surface disturbed by work in this contract to level 5 wall finishes with three (3) coats of paint.
- Contractor shall provide bumpers or stops and end caps to finish off the side of the tracks. In order to maximize the stability of the door when closed, U-guide with Rollers on the side where the door travels and a U-Guide receiver on the opposite side to secure the closed doors. When the door is fully open the U-Guide with Rollers should be placed at the end of the panel on the side of the door opening. This way the door never rolls out of the U-Guides. Brakes or stops can be placed in the top track to ensure the door is held at the proper location when opened and closed.
- Contractor shall take field measurement before ordering the door and hardware. All components should be well-fitted within the area from the top track to the bottom U-Guides. Contractor must be responsible for all the labor and materials during the installation.
- The Panel door should be wider than the opening so that when the door is closed there will be no reveal between the door and the wall. Therefore, contractor shall pay careful attention to these calculations for all scenarios to determine proper door size.
- Please refer to the attached floor plan and product specification for detail information.

2. Attachments / Drawing number:

- F2-1-1B - FURNITURE PLAN LEVEL 1 AREA B
- F2-1-1D - FURNITURE PLAN LEVEL 1 AREA D
- F2-1-2D - FURNITURE PLAN LEVEL 2 - AREA D
- 100.08.01 WM

G. 3 Form Panel at Display Areas

1. Specific Task, Deliverable & Installation

- Contractor shall remove all (8) existing glass panels at the display boxes in Level 1(CB1-10) & 2 (CB2-15).
- After removing the glass panels, contractor shall replace with 3 Form Panels – ½” thickness approved by VA Interior Designer.
- Contractor shall take field measurement before ordering the panel and hardware. All components should be well-fitted within the area and the contractor shall be responsible for all the labor and materials during the installation.
- Contractor shall install all necessary hardware and accessories to complete the contract.
- Please refer to the attached floor plan, salient characteristic and product specification for detail information.

2. Attachments / Drawing number:

- F2-1-1B - FURNITURE PLAN LEVEL 1 AREA B
- F2-1-1D - FURNITURE PLAN LEVEL 1 AREA D
- F2-1-2D - FURNITURE PLAN LEVEL 2 - AREA D
- 200.25.01

H. Casework Removal

1. Specific Task and Deliverable

- Contractor shall remove the casework at Corridor CB1-13 per VA's request.
- After removing the casework, contractor shall repair, patch and paint any surface disturbed by work in this contract to level 5 wall finishes with three (3) coats of paint.
- Please refer to the attached floor plan for detail information.

2. Attachment / Drawing number:

- AE2_1_1 OVERALL FLOOR PLAN LEVEL 1

I. Gait Lab Equipment Installation

1. Specific Task and Deliverable

- Contractor shall coordinate and execute all works according to the Motek Medical Grail System recommendations shown in Exhibit 2.
- Contractor shall submit shop drawings for review and approval.
- Contractor shall remove, only within the proposed floor cut-out, all electrical and data floor receptacles and cover plates. Disable and remove any unused wiring. Patch and repair remaining floor to match existing.
- Contractor shall cut a pit into the concrete floor according to the manufacturer dimensions shown in Exhibit 2. The concrete floor in the pit area should maintain the same thickness, details and specifications as the existing concrete.
- Contractor shall provide and install removable stainless steel covers as shown on the manufacturer drawings. All covers should flush with the floor.
- Contractor shall provide and install a Cable Tray with a removable lid, flush with the existing floor, running from the MIC to underneath the treadmill. Cable tray dimensions are shown in Exhibit 2.
- Contractor shall install a 4x110V, 16A each receptacle, on emergency power, for the Server rack provided by Motek. Location as shown on the drawings.
- Contractor shall install a 208V, 50A circuit to disconnect switch, on emergency power, mounted at 48" AFF, for the Transformer provided by Motek. Location as shown on the drawings.
- Contractor shall install a 2x110V, 5A each receptacle. Socket to be installed above screen at 8'-6"

AFF. Location as shown on the drawings.

- Contractor shall install a 1x110V, 32A receptacle, on emergency power, for the Weight Bearing outlet, preferably inside the suspended ceiling. Location as shown on the drawings.
- Equipment transformer: The isolated transformer is delivered with a CEE32A 5-pin plug. The contractor shall provide and install the female counterplug.
- Contractor shall design and install the ceiling support for Weight Bearing. The bracing system and anchorage should be designed and approved by a licensed Structural Engineer, in accordance with the manufacturer requirements. See Specifications Section 13 05 41.
- Contractor shall minimize the removal and/or relocation of utilities above ceiling. Contractor shall reroute fire sprinkler pipe. Contractor shall relocate diffuser to clear steel beam. Contractor shall dispose of, modify and/or relocate any ceiling grid and tiles, lights that conflict with the Weight Bearing. Contractor shall remove and replace damaged ceiling tiles to match existing tiles.

2. Equipment Installation

- Contractor shall provide a contact person.
- Contractor shall provide handling equipment (2 pallet jacks, dolly)
- Contractor shall provide forklift available during delivery to unload the truck.
- Contractor shall provide cleaning crew.
- Contractor shall provide two 10-12 feet ladders
- Contractor shall provide trash disposal of crates in which the equipment will be delivered.
- Contractor shall provide a hoisting crew.
- Contractor shall provide hoisting equipment (A-Frame or electrical stacker)
- Contractor shall provide SDS-Hammer drill.
- Contractor shall provide a technician who is allowed to drill holes onsite.

3. Attachments / Drawing number:

- AE2.1.1; AE2.1.1C; AE2.2.1C; AE3.1.1; AE3.1.1C; AE7.1.11; AE8.7.1; AE9.1.1; EP2.1.1C; MH2.1.1; MH2.1.1C; MP2.1.1; MP2.1.1C; PL2.1.1C; PP2.1.1C; FA2.1.1C;

J. Fall Protection Netting at Stairs #1 & #4

1. Specific Task, Deliverable and Installation

- Contractor shall provide and install fall protection safety net at each floor level at stairs #1 and #4. Net should be strong enough to support a 400lb object, without failing. Safety of the system to be review and approved by the VA.
- Contractor shall cut the net to cover the empty spots.
- Contractor shall install, hook and secure the fall protection net into the stair railing.

2. Attachment / Drawing number:

- AE6.1.1; AE6.1.4

K. Woodshop Equipment

K1. Woodshop Equipment Anchorage

1. Specific Task and Deliverable

- Contractor shall coordinate all works with the equipment manufacturer.
- Contractor shall provide design-build solutions for anchorage and vibration isolation for all fixed equipment.
- Contractor shall submit shop drawings for review and approval prior to installation.
- Contractor shall anchor all fixed equipment per OSHA requirements.

- Contractor shall patch and repair all damaged floors to match existing.

K2. Woodshop Equipment Plugs add and Magnetic Switches

1. Specific Task and Deliverable

- Contractor shall coordinate all works with the equipment manufacturer.
- Contractor shall provide shop drawings for review and approval prior to installation. Signed and stamped shop drawings by a Certified Professional Engineer.
- Contractor shall install magnetic switches in all equipment.
- Contractor shall patch and repair all damaged walls, floors, paint to match existing.
- Contractor shall install power disconnect in all hardwired equipment. The power disconnect shall be installed between the hard wire from the floor and the equipment power switch.
- Additional requirements for the following equipment:
 - i. Lathe- Model# LATH301:
Contractor shall switch from hardwired connection to new L6-20P Plug. Contractor shall replace L15-30R receptacle and provide new L6-20R receptacle. At the electrical panel, contractor shall change the 3-pole breaker feeding the L15-30R into a 2-pole and a single. Remove the wire from the single pole breaker to the old L15-30R receptacle. The 2-pole shall feed the new L6-20R receptacle;
 - ii. Jointer, Woodworking- Model# JOIN500:
Contractor shall change the equipment voltage from 110V to 220V. Confirm when changing the equipment voltage to 220V that the equipment plug is an L6-20P. Contractor shall change the existing receptacle to L6-20 receptacle;
 - iii. Saw Band- Model# SABA500:
Contractor shall provide and install new L15-20 Plug. Contractor shall change existing receptacle to L15-20R receptacle;
 - iv. Disk Sander- Model# SADI300:
Contractor shall provide and install new L15-20 Plug. Contractor shall change existing receptacle to L15-20R receptacle;
 - v. Planer- Model# PLAN300:
Contractor shall remove existing receptacle and provide new hardwired connection, similar to Model# SATA300. Contractor shall switch the 60A breaker to 30A breaker. Contractor shall install power disconnect between the hard wire from the floor and the planer power switch.
 - vi. Lathe- Model# LATH300:
Contractor shall provide and install compatible receptacle.

K3. Woodshop dust collection branch hose addition

1. Specific Task and Deliverable

- Contractor shall provide and install new dust collection branch hose with gate, for the power Miter Saw (Model# SAMI900), located near gridlines 1 and K. Nearby Disk Sander (Model# SADI300) will share same duct.
- Contractor shall provide and install new dust collection branch hose with gate, for Wood Lathe (Model# LATH300), located near gridlines 2 and M. Nearby One Way Lathe (Model# LATH301) will share same duct.

K4. Woodshop Flammable Cabinet Venting

1. Specific Task and Deliverable

- Contractor shall re-route existing mechanical exhaust from room B2-600E to B2-600D. Contractor shall provide and install connection to the flammable cabinet.
- Contractor shall provide and install new ceiling tiles and replace damaged tiles as necessary.

2. Attachments / Drawing numbers:

- AE2.1.2; AE2.1.2C; AE2.2.2C; AE3.1.2C; AE7.2.5; QH2.1.2C; EP2.1.2C; MP2.1.2; MP2.1.2C; PP2.1.2;

L. Electrical Outlet Labeling

1. Specific Task and Deliverable

- All floors and rooms: Contractor shall label device plates with a permanent adhesive label listing panel, location and circuit feeding the wiring device, by way of field verification and circuit tracing, supervised by a Certified Electrician.
- Contractor shall update all related electrical panel card schedules accordingly.
- Contractor shall submit shop drawings for review and approval prior to installation. Current VA Palo Alto Healthcare System labeling format shall be used.

M. Overhead Track Support for Solo-Step Equipment

1. Specific Task and Deliverable

- Contractor shall design and install the ceiling support for Solo-Step equipment. The bracing system and anchorage should be designed and approved by a licensed Structural Engineer, in accordance with the manufacturer requirements. See Specifications Section 13 05 41. The straight track system will be provided by the VA.
- Contractor shall submit shop drawings for review and approval prior to installation.
- Contractor shall coordinate all works with the equipment manufacturer.
- Contractor shall remove and replace damaged ceiling tiles to match existing tiles.
- Solo-Step track system is manufactured in modules. The designed track and support will be 37'-6" long or any full module approaching that dimension. The track will be located in corridor CA1-07.

2. Attachment:

- Exhibit 5;

N. Data Port Outlet Labeling

1. Specific Task and Deliverable

- All floors and rooms: Contractor shall label all data outlets with a permanent adhesive label to match the existing labeling configuration as shown in Exhibit 4. Work shall be supervised by a Certified Professional.
- Contractor shall label all patch panels with a permanent adhesive label to match the existing labeling configuration as shown in Exhibit 4. Work shall be supervised by a Certified Professional.

2. Attachment:

- Exhibit 4;

O. Nurse Call Systems

1. Specific Task and Deliverable

- Contractor shall provide and install nurse call systems in designated rooms shown in Exhibit 4.
- Contractor shall field verify and coordinate the location and type of nurse call systems with the VA. Match existing nurse call systems.
- Contractor shall refer to Specifications Sections 270511 and 275223 and applicable codes and regulations.
- Contractor shall submit cut-sheets for review and approval by the VA, prior to installation.
- Contractor shall patch and repair all damaged walls, floors, paint to match existing.

2. Attachment:

- Exhibit 4;

P. Flooring Change and Touch Up Paint

1. Specific Task and Deliverable

- Contractor shall remove carpet in rooms B1-221 (Lactation Room) and A2-234 (Graphic Arts Lab).
- Contractor shall provide and install new resilient flooring in rooms B1-221 (Lactation Room) and A2-234 (Graphic Arts Lab).
- Contractor shall submit product data and samples for review and approval by VA, prior to installation.
- Contractor shall repair, patch and paint any surface disturbed by work.
- Contractor shall provide touch up paint for wall mounted interior signage and TV mount relocation. Specific location and area of work to be coordinated with VA.

Q. Power Addition to Telecom Closets

1. Specific Task and Deliverable

- Contractor shall provide electrical power additions into the following Telecom rooms:

A. TCOM RM A1-TC1:

- 1) Contractor shall add 2 dedicated circuit L6-20R connector receptacles to center of upper level cable tray. Suspend connector above rack. Feed from Panel 1A2 (Normal Power);
- 2) Contractor shall add 2 dedicated circuit L5-30R connector receptacles to left and right center of upper level cable tray. Suspend connector above rack. Feed from Panel 1A2 (Normal Power);
- 3) Contractor shall provide and install 2 dedicated L6-20R connector receptacles with existing circuit # (14, 16) (18, 20) on upper level cable tray from telecom Panel TC1A (Lifesafety Emergency Power). Suspend connector above rack.

B. TCOM RM B1-TC1:

- 1) Contractor shall add 2 dedicated circuit L6-20R connector receptacles to center of each upper level cable tray. [2 Data Rack Row: Quantity 4 connector receptacles total]. Suspend connector above rack. Feed from Panel 1C2 (Normal Power)
- 2) Contractor shall add 2 dedicated circuit L5-30R connector receptacles to left and right center of each upper level cable tray. [2 Data Rack Row: Quantity 4 connector receptacles total]. Suspend connector above rack. Feed from Panel 1C2 (Normal Power)
- 3) Contractor shall provide and install 2 dedicated L6-20R connector receptacles with existing circuit # (10, 12) (14, 16) on upper level cable tray from telecom Panel TC1C (Life Safety Emergency Power). Suspend connector above rack
- 4) Contractor shall provide and install 2 dedicated L6-20R connector receptacles with existing circuit # (22, 24) (26, 28) on upper level cable tray from telecom Panel TC1C (Life Safety Emergency Power). Suspend connector above rack.

C. TCOM RM A2-TC1

- 1) Contractor shall add 2 dedicated circuit L6-20R connector receptacles to center of upper level cable tray. Suspend connector above rack. Feed from Panel 2A2 (Normal Power);
- 2) Contractor shall add 2 dedicated circuit L5-30R connector receptacles to left and right center of upper level cable tray. Suspend connector above rack. Feed from Panel 2A2 (Normal Power);
- 3) Contractor shall provide and install 2 dedicated L6-20R connector receptacles with existing circuit # (14, 16) (18, 20) on upper level cable tray from telecom Panel TC2A (Life Safety Emergency Power). Suspend connector above rack.

D. TCOM RM B2-TC1:

- 1) Contractor shall add 2 dedicated circuit L6-20R connector receptacles to center of upper level cable tray. Suspend connector above rack. Feed from Panel 2D1 (Normal Power);
- 2) Contractor shall add 2 dedicated circuit L5-30R connector receptacle to left and right center of upper level cable tray. Suspend connector above rack. Feed from Panel 2D1 (Normal Power);
- 3) Contractor shall provide and install 2 dedicated L6-20R connector receptacles with existing circuit # (14, 16) (18, 20) on upper level cable tray from telecom Panel TC2D (Life Safety Emergency Power). Suspend connector above rack.

E. TCOM RM A3-TC1: (Contractor to verify breaker capacity for Panel 3A1 for L6-20R connector)

- 1) Contractor shall add 2 dedicated circuit L6-20R connector receptacles to center of upper level cable tray. Suspend connector above rack. Feed from Panel 3A1 (Normal Power);
- 2) Contractor shall add 2 dedicated circuit L5-30R connector receptacles to left and right center of upper level cable tray. Suspend connector above rack. Feed from Panel 3A1 (Normal Power);
- 3) Contractor shall provide and install 2 dedicated L6-20R connector receptacles with existing circuit # (14, 16) (18, 20) on upper level cable tray from telecom Panel TC3A (Life Safety Emergency Power). Suspend connector above rack;

- Provide shop drawing for power configuration layout on upper level cable tray.
- All electrical works to be supervised by a Certified Professional Engineer.
- Contractor shall submit shop drawings for review and approval, including power configuration layout on upper level cable tray.
- Final power configuration layout to be approved by Project Manager and OIT Project Manager prior to installation.
- Contractor responsible to correct all penetrations in-between electrical rooms and data closets and apply appropriate fire caulking to maintain fire protection.
- All electrical work to be installed according to NEC 70 2017 and NFPA 99 2015.

2. Attachment:

- Exhibit 4

4. SITE CONDITIONS, CODE COMPLIANCE:

- A. Construction Documents:** The contractor will be given existing sets of as-built drawings for the site. No actual construction documents are required for the project.
- B. Codes and Design Standards:** Contractor shall bring to the attention of VA any code requirements that may be in question during the construction of the project. The intent is to ensure that the Project meets all current IBC, local, federal, and VA codes, standards, regulations, and ADA requirements. These may include, but are not limited to, architectural, structural, mechanical, electrical, fire, and life safety codes. The AE and VA are required to follow the most stringent and current rules, codes, standards, and regulations; therefore, the AE shall also review all such applicable codes, industry design guides, standards, regulations and policies.
- C. As Built Documents submission:** Contractor shall maintain current as built documents on site throughout the construction period and turn over to the COR at completion of construction.

5. VA TEAM:

- A.** Contractor will work with the following VA personnel managing this Project:

- i. **Contracting Officer (CO):** The CO shall be responsible for the contractual administration of this Project. All transactions of a legal nature, including contractual agreements, amendments, change orders, etc. shall be approved and processed through the CO.
- ii. **Contracting Officer's Representative (COR):** The COR shall be responsible for project management on behalf of the VA and will manage this Project on a day-to-day basis to ensure that the Project requirements are met through construction according to this Scope of Work and the final construction documents. The primary Technical Point of Contact (POC) and Contracting Officer's Representative (COR) is Anne Chan (650) 493-5000 @ Ext.69631

6. Abbreviations and Acronyms:

a.	CO	Contracting Officer
b.	COR	Contracting Officer's Representative
c.	CP	Competent Person
d.	GC	General Contractor
e.	NTP	Notice to Proceed
f.	POC	Point of Contact
g.	SOW	Statement of Work
h.	VA	Veterans Affairs
i.	VAPAHCS	Veterans Affairs Palo Alto Health Care System

7. List of Specifications:

DIVISION 01 - GENERAL REQUIREMENTS

01 00 00 General Requirements
 01 33 23 Shop Drawings, Product Data, and Samples
 01 42 19 Reference Standards
 01 45 29 Testing Laboratory Services
 01 57 19 Temporary Environmental Controls
 01 74 19 Construction Waste Management

DIVISION 02 - EXISTING CONDITIONS

02 41 00 Demolition

DIVISION 03 - CONCRETE

03 30 00 Cast-in-Place Concrete

DIVISION 05 - METALS

05 55 00 Metals Fabrications

DIVISION 06 - WOOD AND PLASTIC

06 10 00 Rough Carpentry

DIVISION 07 - THERMAL AND MOISTURE PROTECTION

07 13 26 Self-Adhering Sheet Waterproofing
 07 26 13.13 Concrete Slab Applied Vapor Retarder
 07 81 00 Applied Fireproofing
 07 92 00 Joint Sealants

DIVISION 08 - OPENINGS

08 11 13 Hollow Metal Doors and Frames
 08 14 00 Interior Wood Doors
 08 41 13 Aluminum Doors
 08 71 00 Door Hardware
 08 71 13 Automatic Door Operators

DIVISION 09 - FINISHES

09 06 00 Schedule for Finishes
 09 29 00 Gypsum Board
 09 51 00 Acoustical Ceilings
 09 64 00 Wood Flooring
 09 65 13 Resilient Base
 09 65 16 Resilient Sheet Flooring
 09 65 36 Static-Control Resilient Flooring

09 67 23 Resinous Flooring

09 91 00 Painting

DIVISION 10 - SPECIALTIES

10 26 00 Wall and Door Protection

DIVISION 12 - FURNISHINGS

12 36 00 Countertops

DIVISION 13 - SPECIAL CONSTRUCTION

13 05 41 Seismic Restraint Requirements for non-structural Components

DIVISION 21 – FIRE SUPPRESSION

21 05 11 Common Work Results for Fire Suppression

21 13 13 Wet-Pipe Sprinkler Systems

DIVISION 23 - HEATING, VENTILATION, AND AIR CONDITIONING (HVAC)

23 05 11 Common Work Results for HVAC

22 07 11 HVAC and Plumbing Insulation

23 37 00 Air Outlets and Inlets

DIVISION 26 - ELECTRICAL

26 05 11 Requirements for Electrical Installations

26 05 13 Medium-Voltage Cables

26 05 21 Low-Voltage Electrical Power Conductors and Cables

26 05 26 Grounding & Bonding for Electrical Systems

26 05 33 Raceway & Boxes for Electrical Systems

26 09 43 Digital-Network Lighting Controls

26 27 13 Electricity Metering Section

26 27 26 Wiring Devices

26 29 21 Disconnect Switches

26 51 00 Interior Lighting

DIVISION 27 - COMMUNICATIONS

27 05 11 Requirements for Communication Installations

27 52 23 Telecommunication Nurse Call Systems

End of Statement of Work