Statement of Work (SOW)

Design-Build Spinal Cord Injury and Disorder (SCI/D) and Emergency Department (ED) Patient Lift Systems December 13, 2019

Part I - General:

- A. Project Information
 - 1. Project Description
 - a. Minneapolis VA Health Care System has been approved under NRM authority for funding to design and construct the Patient Lift systems in SCI/D and ED, Minneapolis VAMC.
 - b. The Strategic Capital Investment Planning (SCIP) Business Case includes the following:
 - (1) The SCI/D (Building 76) patient lift systems are at their end of useful life and require replacement.
 - (2) The ED Building 70 currently has patient lifts installed in a portion of the rooms. To become compliant, an additional 15 patient lifts are required in select rooms.
 - 2. All new and replacement patient lifts will be MedCare brand as specified by SOW Attachments 1 through 7.
 - 3. Design-Build services shall be based on the MedCare patient lifts equipment drawings (**SOW Attachments 1 through 7**). Full construction documents shall be developed by the Contractor.
 - 4. Please note the design process may be iterative and both the construction drawings and the vendor equipment drawings may require updates as customer input is received. The anticipated review process is as follows:
 - a. Project kick-off at each location; including meeting with Engineering, General Contractor, initial site survey, investigation of as-builts, inspection of existing utilities.
 - b. Schematic Design (SD) based on provided MedCare equipment drawings.
 - c. Contractor submits SD documents for review by VA.
 - d. Design Development (DD) based on SD input.
 - e. Contractor submits DD documents for review by VA.
 - f. Final coordination between DB/AE and VA.
 - g. Final revisions to Contractor DD documents.
 - h. Contractor submits Construction Document (CD) set.
 - i. Final VA review and approval of CD set.
 - j. Initiate construction.
 - 5. Where equipment, temporary installations, ingress/egress restrictions or any other consideration is necessary for infection control purposes such requirements and associated drawings and specifications shall be provided.
 - 6. Provide shop drawings, testing, operating instructions, and all other submittals as appropriate based on the specifications required by the SOW.
 - 7. Dispose of old removed parts and components after checking with VA staff if any should be retained by VA as replacement parts.
 - 8. Clean up and return affected work areas to original condition.

B. <u>Definitions:</u>

- 1. Architect Engineer (A-E): This term, as used herein, refers to the Architect Engineer firm that is a part of the DB team, also referred to as DB/AE. A-E shall be registered/licensed in accordance with Part IV (E).
- Contracting Officer: A person with the authority to enter into, administer, and/or terminate contracts and make related determinations and findings. The term includes certain authorized representatives of the contracting officer acting within the limits of their authority as delegated by the contracting officer.
 "Administrative contracting officer (ACO)" refers to a contracting officer who is administering contracts.
 "Termination contracting officer (TCO)" refers to a contracting officer who is settling terminated contracts. A single contracting officer may be responsible for duties in any or all of these areas.

- 3. Contracting Officer's Representative (COR): The Contracting Officer's written designation of a representative responsible for administering contracts under the immediate direction of the Contracting Officer. For the purposes of this contract the term "COR" will be used herein.
- 4. Contractor: This term, as used herein, refers to the contractor under this contract or the D-B team. The contractor or D-B team is solely responsible for the management (planning, supervision, and contract coordination), design, and (professional) services and installation (including all labor, equipment, materials, tools, and inspections) to meet the requirements of this contract.
- 5. Design-Build (DB) is defined by the Department of Veterans Affairs (VA) as the procurement by the Government, under one contract, with one firm or Joint Venture (JV) for both design and construction services for a specific project.
- 6. Design-Build Contract: This term, as used herein, refers to the Contract(s) to perform the design and construction of the project.
- 7. Project Manager: The contractor shall provide an individual in the capacity of a contractor project manager. The contractor project manager shall have legal (on-site signature) authority to represent the Contractor. The Project Manager shall be the initial point of contact for coordinating with the VA.
- 8. Technical Monitor (TM): This term, as used herein, refers to the person(s) assisting the COR in administering contracts under the immediate direction of the Contracting Officer.
- C. <u>General Requirements:</u>
 - 1. Sensitivity of Information: The sensitivity of information relating to this project is emphasized. All the information in this SOW shall be treated as For Official Use Only. This information is not to be distributed without a confirmed need to know as confirmed by the VA.
 - 2. Accuracy of Planning Information: The AE shall conduct a thorough site visit to investigate all aspects of the existing conditions.
 - 3. Ownership of Drawings: All designs, drawings, specifications, notes, and other work developed in the performance of this contract shall be and remains the sole property of the Government and may be used on any other work without additional compensation to the DB. With respect thereto, the A-E agrees not to assert any rights and not to establish any claim under the design patent or copyright laws.
 - 4. Permit Requirements: The D-B Contractor is responsible for obtaining all permits and approvals necessary to complete the project, prior to starting Construction.
- D. <u>General Drawing and Specification Submission Requirements:</u>
 - Shop Drawing Submission Requirements are available on the internet at the following address: http://www.cfm.va.gov/. As-built drawings for the Medical Center are available. All drawings will be prepared with the VA Standard Title Block and Border. All drawings shall be produced using REVIT 2019. Each individual file on a DVD shall be named by numbers corresponding to the construction documents (i.e. the specs shall be named 00 11 22, 33 44 55, etc. and the drawings shall be E1, E2, etc.) and the final REVIT/specifications files shall be exactly as submitted in the final submission.
 - 2. Specifications shall be provided in Microsoft Word, PDF format and hard copy format. The Contractor shall prepare a submittal log based on the specifications. The Contractor shall review with the VA a format for the submittal log based on standard industry practice. See Section 00 01 10 for list of minimum requirements.
 - 3. Accuracy of Planning Information: The Contractor shall visit the project site to investigate the information shown on the Government-Provided As-Builts, Guide Plates, etc. This information is the best available, but the Government does not guarantee its accuracy or completeness. The Contractor's investigation shall include validation of all field conditions.
 - 4. Discrepancies in Planning Information: The Contractor shall promptly report to the Contracting Officer in writing any discrepancies between this contract and the planning information provided by the Government. The

Contractor shall make no adjustments to his work due to the discrepancy before the Contracting Officer has reviewed the matter and forwarded his determination to the Contractor. The Contractor's failure to report any such discovered discrepancy or to wait for the Contracting Officer's determination shall be at his risk and expense.

- 5. Change Orders: Any work that is not addressed by the contract and is considered a change order shall be immediately brought to the attention of the Contracting Officer. No "out-of-scope" or additional work shall be executed by the Contractor prior to approval by the Contracting Officer.
- 6. Timeliness: The Contractor shall promptly review and approve, disapprove or take other appropriate action as requested by the VA Project Manager.
- 7. Ownership of Drawings: All designs, drawings, specifications, notes, and other work developed in the performance of this contract shall be and remain the sole property of the Government and may be used on any other work without additional compensation to the Contractor. With respect thereto, the Contractor agrees not to assert any rights and not to establish any claim under the design patent or copyright laws.
- 8. Minimum requirements for drawing sheets:
 - a. Cover Sheet
 - b. Sheet Index, Symbols, Location Map
 - c. Life Safety Plan
 - d. Demolition Plan (include infection control measures and haul routes)
 - e. Construction Plan
 - f. Ceiling Plan
 - g. Architectural Details
 - h. Structural Plan and Details
 - i. Mechanical Demolition
 - j. Fire Protection
 - k. Plumbing
 - I. Mechanical and Building Automation Systems
 - m. Mechanical Schedules and Details
 - n. Electrical Demolition
 - o. Electrical Plan
 - p. Lighting and Ceiling Plan

Part II – Responsibilities:

A. VA Team

- 1. The VA team is comprised of Contracting and Facilities Engineering. The Contracting Officer is the only team member with authority to make contracting decisions. The Contracting Officer's Representative will be delegated the authority to make technical decisions on behalf of the Contracting Officer.
- 2. The VA will provide the DB team with the following documents:
 - a. Drawings of the existing spaces
 - b. Facility specific specifications
 - c. Design Standards
- B. <u>DB Team:</u>
 - 1. The DB team includes all J/V partners, consultants and subcontractors to a single firm. The DB team shall provide Engineering disciplines for the preparation of construction documents, and construction contractor capabilities for construction of the project. The Architect/Engineers shall have P.E. licensure as noted in Part IV (E).

- 2. If the DB Team AE and contractor are a J/V (not one and the same firm) engineering and other technical consultants shall be subcontractors of the J/V Architect not the Design-Build construction contractor or sub-contractors. If the DB Team AE and contractor are one and the same firm (not a J/V) those consultants shall be subcontractors of D-B firm not the construction subcontractors.
- 3. The Solicitation/ Contract documents are intended to provide a starting point for existing conditions, certain required items, drawings and specifications, and design parameters to be included in the project but must be verified for accuracy. It is the DB team's responsibility to complete the documents and construction in a manner consistent with the intent of the Solicitation/ Contract within the required time period (contract length). It shall be the responsibility of the DB team to verify all items shown on the asbuilt drawings provided by the VA for this solicitation. <u>The VA will not be held responsible for differing site conditions that is the responsibility of the DB team to verify.</u>

Part III – Design Build Requirements:

A. Specific Design Services:

- 1. The VA will use Submittal Exchange during the design and construction phases of this project. The DB team will be expected to utilize this platform as the primary means of document review/transfer.
- 2. DB/AE shall provide complete design based on the following; The SCI/D Building 76 was constructed/commissioned in 2008. Tollos brand patient ceiling lifts were installed throughout the SCI/D building and are nearing the manufacturers recommended life-cycle replacement date of 12 years. The ceiling lifts are in select exam rooms. There are 49 ceiling patient lifts requiring replacement. There are currently patient lifts installed in select rooms within the ED Building 70, however the requirement is for 15 additional patient lifts to be installed. Specific room numbers for each SCI/D and ED are attached.
- **3.** DB/AE shall review the Patient Lift **SOW Attachment 1 through 7.**
- 4. Architecture
 - a. The DB/AE shall review necessary design manuals for guidance.
 - b. The DB/AE shall design the complete Patient Lift system.
 - c. The DB/AE shall include hours for consulting with VA staff to clarify work flow and develop an efficient design and layout.
 - d. The design shall meet or exceed the intent of the VA Design Guides.
 - e. The DB/AE shall coordinate all design with designated COR and the Minneapolis VA Health Care System Interior Designer, Jen Moreimi (612) 467-3608.
 - f. Design shall include all medical equipment. The DB/AE shall label items based on the following system; VV=VA purchased and installed, VC=VA purchased-contractor installed, CC=Contractor purchased and installed, CV=contractor purchased-VA installed.
 - g. Design shall include all infection control procedures necessary to complete project in accordance with Joint Commission, Minneapolis VA Health Care System, and Life Safety requirements.
 - h. Design shall detail the architectural construction requirements including elevations, sections, details, schedules, and discipline coordination.
- 5. <u>Structural</u>
 - a. DB Structural Engineer shall design manuals for guidance.
 - b. DB Structural Engineer shall design a complete structural design for each patient lift.
 - c. DB Structural Engineer shall include any necessary structural construction requirements including all structural plans, elevations, sections, and details as required. Structural engineer shall include calculations to determine capacity of existing and designed structures.
- 6. Mechanical
 - a. DB Mechanical Engineer shall review design manuals for guidance.
 - b. DB Mechanical Engineer shall provide fire protection drawings should there be interaction between the structural elements of the patient lifts and any fire protection piping, etc.

- c. DB Mechanical Engineer shall provide plumbing drawings should there be interaction between the structural elements of the patient lifts and any fire protection piping, etc.
- d. DB Mechanical Engineer shall provide HVAC drawings should there be interaction between the structural elements of the patient lifts and any fire protection piping, etc.
- e. The design shall include all safety components required by the current ANSI/ASHRAE Safety Code.
- 7. <u>Electrical</u>
 - a. DB Electrical engineer shall review all necessary specifications and facilities for guidance.
 - b. DB Electrical Engineer shall familiarize themselves with the Minneapolis VHA's electrical specifications prior to development of design. All electrical work shall meet current National Electrical Code (NEC) requirements.
 - c. All existing electrical systems and components shall be field-verified by the DB Electrical Engineer.
 - d. DB Electrical Engineer shall evaluate power load required for the new patient lifts.
 - e. Design shall include requirements for both normal, emergency, and life safety power. Design shall include all electrical plans, elevations, sections, details, diagrams, and schedules showing electrical closet, power distribution systems, auxiliary power systems, service panels, circuits, cabling, wiring, conduit, outlets, relays, switches, outlets, grounding, bonding, etc. for a complete and usable electrical system.

8. Deliverables

- a. Construction specifications
 - (1) 35% design review: Provide Table of Contents including all VHA master specification, indicating which specifications will not be included.
 - (2) 95% design review: Provide complete edited draft copy of all specification sections.
 - (3) 100% design review: Provide complete edited draft copy of all specification sections for final review.
 - (4) Construction Documents: Provide 1 complete set of construction specifications in hard copy, and pdf.
- b. Construction drawings (including submittal log).
 - (1) 35% design review: Provide 2 hard copy size ANSI C, and PDF review sets. Documents shall include site plan, floor plans, structural concepts, and elevations.
 - (2) 95% design review: Provide 2 hard copy size ANSI C, and PDF review sets. Documents shall include, at a minimum: site plan, architectural floor plans and details, elevations, structural plans and details, mechanical electrical, and plumbing.
 - (3) 100% design review: Provide complete edited draft copy of all specification sections for final review
 - (4) Construction Documents: Provide one (1) hard copy size: ANSI E1 and ANSI C complete set of construction drawings. In addition, provide PDF as well as .DWG and RVT
- c. Cost Estimates
 - (1) Provide construction estimates at each review stage (35%, 95%, and 100%). Estimate will be used to confirm compliance with construction budgetary requirements. Provide line item cost estimate at each design milestone. Cost estimate shall include Item Number, Item Description, Quantity, Unit, Material Cost, Labor Cost, Total, and Total including Overhead and Profit.

B. Construction

- 1. <u>General</u>
 - a. DB General Contractor shall provide all labor, materials and equipment to accomplish Patient Lift replacement/install project.
 - b. DB General Contractor will work with DB/AE firm and the VA to develop the Project.
 - c. DB General Contractor will be responsible for project management, site supervision, and management of all subcontractors.

- d. DB General Contractor will maintain all ICRA construction perimeter for the safety of VA Staff, Patient, and visitors.
- e. Hours of work TBD by the clinical and engineering staff. Many areas will require off duty hours for construction.
- 2. <u>Demolition</u>
 - a. Demolition consists of, but is not limited to removal and disposal of the following:
 - (1) Existing SCI/D patient lifts and all components.
 - (2) Existing ceiling tile required to replace/install new lift systems.
- 3. <u>New Construction</u>
 - a. DB General Contractor will provide complete and functional MedCare patient lift systems; with the exception of the lift motor unit, in the specified 64 locations and as detailed by the drawings and specifications developed by the DB AE firm. The lift motor unit is VC; VA provided, contractor installed.
 - b. Contractor shall complete upstart and testing of each patient lift system. The testing shall be observed by the VA COR or representative and documentation provide to the VA.

Part IV -

- A. <u>References:</u>
 - The DB/AE shall incorporate, but not be limited to references for design, available at <u>http://www.cfm.va.gov/til/spec.asp</u> or from the project engineer, as applicable:
 - (1) Construction Criteria Base or Whole Building Design Guide.
 - (2) Minneapolis VA Medical Center Design Standards
 - (3) Minneapolis Site Specific Specifications
 - (4) VA Design Guides/Design Manuals
 - (5) VA Master Specifications
 - (6) VHA National CAD Standards and Details
 - (7) VA BIM Guide
 - (8) Minneapolis BIM Management Plan
 - (9) Minneapolis VA Revit Model Standards
 - (10) International Building Codes
 - (11) State and Federal Regulations
 - (12) ASHRAE Standards
 - (13) NFPA and Life Safety Code
- B. <u>Government Provided Materials</u>:
 - 1. The DB/AE shall visit the project site to field-verify the information shown on the as-builts. The VAMC does not guarantee the accuracy or completeness of the as-builts. The DB/AE shall promptly report any discrepancies to the VAMC COR for clarification.
 - 2. The VAMC COR shall provide the DB/AE with all available as-builts as required for the design to include Building 70/76 BIM Models to include Core and Shell as well as MEP models.
 - 3. The VA will procure and provide to the contractor the patient lift motor units for each patient lift system.
- C. <u>Deliverables:</u>
 - Design shall be completed using AutoDesk Revit 2019. See attached "Minneapolis VA BIM Management Plan Worksheet" and SOW Attachment 6 - Minneapolis VA Revit Model Standards V1 for additional requirements and information.
 - 2. All documents of a digital format shall be uploaded to the Submittal Exchange site site access will be provided through the VA.

- E. <u>Proposed Schedule (calendar days)</u>:
 - 1. Award D-Day
 - 2. Notice to Proceed (Design Initiated) D+10
 - 3. 35% Submission D+38
 - 4. 35% Review Completed by VAMC D+52
 - 5. 35% Review Meeting D+55
 - 6. 95% Submission D+80
 - 7. 95% Review Completed by VAMC D+94
 - 8. 95% Review Meeting- D+97
 - 9. 100% Submission D+111
 - 10. 100% Review Completed by VAMC D+125
 - 11. 100% Review Meeting- D+128
 - 12. Construction Documents D+142
 - 13. Construction Start D+145
 - 14. Submittals D+145
 - 15. Construction Completion D+290
 - 16. VA acceptance D+295

F. Qualifications:

- 1. Db/AE firm shall provide experienced engineers to prepare the Construction Documents. All aspects of the project design shall be completed by engineers and architects registered/ licensed within VISN 23.
- 2. All contractors shall have at a minimum OSHA 10 training.
- 3. At **ALL** times while work is being completed, Contractor shall have on Site an OSHA 30 Competent personnel authorized to make decisions on behalf of the Prime Contractor. See specifications for additional safety requirements.

Part V –

A. Post Award Requirements:

- 1. Design Review Submissions:
 - a. The DB/AE shall prepare and submit complete construction documents for review and approval by the VA in accordance with standard professional practice, the Department of Veterans Affairs Solicitation/ Contract and prevailing codes.
 - b. All submission packages will be reviewed at 35%, 95% and 100% completion stages. Each submission package shall incorporate all review comments from the previous review. If any package is not complete for the required stage a post review may be required, the cost of which will be borne by the DB Team.
 - c. Each review submission package shall include the following:
 - i. 35% design review: Provide two (2) hard copy size ANSI C, and PDF review sets. Upload to VA specified electronic document management system.
 - ii. 95% design review: Provide two (2) hard copy size ANSI C, and PDF review sets. Upload to VA specified electronic document management system.
 - iii. 100% design review: Provide two (2) hard copy size ANSI C, and PDF review sets. Upload to VA specified electronic document management system.

The package will include an index of drawings (by sheet number and title) and specifications (by section number and title) submitted. The packages will be distributed to the VA COR, the VA Medical Center and others as determined to be appropriate by the VA COR.

2. Design Review Meetings:

- a. The DB Contractor (and A/E if separate entities) shall attend meetings at the time and place requested by the Contracting Officer and COR. Minutes of the meetings shall be taken by the Design-Build Contractor and submitted to the Contracting Officer and COR.
- b. A review meeting to resolve design issues will be held for each design review package submitted. The meeting will include discussion of VA comments on functional relationships and technical peer review comments (by others).
- c. Participants will include VA Staff and D-B team members as appropriate for the specific package to be reviewed. D-B team management will be present at each review meeting.
- d. The DB team shall allow a minimum of fourteen (14) calendar days for each review cycle. A cycle includes:
 - (1) The VA's receipt of the design review submission package
 - (2) The review meeting
 - (3) DB teams' receipt of comments from the VA, either electronically, by fax, or by hard copy delivery
 - (4) Coordination of the review meeting schedules will be the responsibility of the VA COR and the DB Team Project Manager. See section V.
- 3. Electronic Media:
 - a. Design review submission drawings and final Construction Document submission drawings will be executed in electronic format Revit 2019. See attached Minneapolis VA BIM Management Plan Worksheet and SOW Attachment 6 - Minneapolis VA Revit Model Standards V1 for further information.
- 4. Professional Licensing:
 - a. The DB/AE who prepares the construction documents shall be a professional architect or engineer licensed as noted in Part IV (E).
 - b. The professional seal shall appear on the final construction documents. The architect whose seal is shown will be known as the Architect of Record. The DB/AE shall certify compliance with the VA Solicitation/ Contract and all applicable codes.
- 5. Approved Construction Documents:
 - a. The final construction document submission package will be submitted by the DB team for approval by the VA after completion of the 100% review cycle for the final package to be submitted by the DB team.
 - b. The final construction documents submission package will include: two (2) hard copy size ANSI E1 and ANSI C complete set of construction drawings. Additionally, the contractor shall provide PDF, DWG, and RVT. All documents will be uploaded to the VA specified electronic document management system.
 - c. The final construction documents submission package will incorporate all VA supplied comments from the earlier 35%, and 95% submission package reviews and will comply with the VA Solicitation/ Contract and SOW and shall include all responses to VA comments.
 - d. If the final construction documents submission package is not complete, a post submittal may be required the cost of which will be borne by the D-B Team.
 - e. The approved final construction documents include such details that the project can be constructed and will be used for construction of the project.
 - f. See Part V. B.2. Construction Period Submittals for Approved Construction Document distribution.
- 6. Construction Drawing Preparation Mandatory material and equipment schedules and details may be indicated either on the drawings or in the specifications, at the option of the DB team. The construction drawings shall include a coordinated set of the following:
 - a. Structural drawings including patient lift attachment specifications, including general notes and all calculations.
 - b. Architectural drawings including floor plans, building elevations, and reflected ceiling plans.
 - c. Fire protection drawings should there be interaction between the structural elements of the patient lifts and any fire protection piping, etc.

- d. Plumbing drawings should there be interaction between the structural elements of the patient lifts and any fire protection piping, etc.
- e. HVAC drawings should there be interaction between the structural elements of the patient lifts and any fire protection piping, etc.
- f. Electrical drawings and specifications including demolition plans, site, one-line diagrams, panel schedules, equipment schedules, calculations and details.
- 7. Construction Specifications Project specifications shall include specifications for all products, materials, equipment, methods, and systems shown on the construction drawings in accordance with standard professional practice and the VA Solicitation/ Contract. The specification submitted for review shall include:
 - a. The name of the manufacturer, the product name, model number, or other identification as appropriate to clearly identify the product that will be used in the construction of the project;
 - b. Other data as appropriate to clearly identify the product that will be used in the construction of the project i.e. shop drawings, product data, and samples as required by the VA Solicitation/ Contract documents; and
 - c. The required stamp of the licensed architect or engineer of record will be considered as certification of compliance with the Solicitation/ Contract requirements.
- 8. Design Requirements Compliance with codes and standards
 - a. Project design shall follow applicable standards and codes described in VA Program Guides and design materials included or referenced in the solicitation materials.
 - b. The DB team shall provide prompt, written notification to the Contracting Officer concerning conflicts with, or recommended deviations from codes, laws, regulations, standards, and opinions of review officials. No work altering the scope of this contract shall be undertaken prior to receipt of written approval from the Contracting Officer.
 - c. No action may be brought against the DB Team or VA and no fine or penalty may be imposed for failure to carry out any of the previously described recommendations of Federal, state, or local officials. VA and its contractors shall not be required to pay any amount for any action taken by a state or political division of a state in carrying out functions described in this article, including reviewing plans, carrying out on-site inspections, issuing permits, and making recommendations.
 - d. The DB team shall advise the Contracting Officer of any variances with the applicable Department of Labor, Occupational Safety and Health Standards, for occupancy requirements.
- 9. Quality Assurance/Quality Control:
 - a. The DB team shall develop and execute a QA/QC plan that demonstrates the project plans and specifications have gone through a rigorous, thorough review and coordination effort.
 - b. No later than fifteen (15) calendar days after receipt of Notice to Proceed (NTP), the D-B Team will submit a detailed QA/QC plan describing each QA/QC task that will be taken during the development of the various design submission packages and the name of the D-B Team member responsible for QA/QC.
 - c. Upon its completion each task shall be initialed and dated by the responsible D-B Team member.
 - d. A 100% completed QA/QC plan shall be submitted with the final construction document submission package.
- B. Construction Period Submittals
 - 1. The DB contractor shall distribute construction documents prepared by the DB Team to the VA, as required in the SOW.
 - 2. Other submittals The DB team shall submit test results, certificates, manufacturer's instructions, manufacturers field reports, etc. as required by the VA Solicitation/ Contract specifications, to the COR.
 - 3. Project record drawings The DB team will maintain a set of construction documents (field as-built drawings) to record actual construction changes during the construction process as required by the Solicitation/ Contract specifications. The project record drawings will be available for review by the VA COR at all times. Upon completion of the project, the field As-Built drawings shall be updated to the facility REVIT model.

4. Shop drawings and submittals - The DB/ AE shall check government furnished and/or the DB construction contractor's shop drawings, detail drawings, schedules, descriptive literature and samples, testing labor-laboratory reports, field test data and review the color, texture and suitability of materials for conformity with the Solicitation/ Contract Documents and construction documents. The DB/ AE shall recommend approval, disapproval, or other suitable disposition to the VA COR. The COR will have final approval authority. The DB/ AE shall evaluate the submittals with reference to any companion submittals that constitute a system. When necessary, the DB/ AE will request the DB Construction Contractor to submit related components of a system before acting on a single component. Should this procedure be inappropriate, the DB/ AE shall review all prior submittals for related components of the system before acting on a single component. The DB/ AE shall notify the VA COR in writing of all deviations from the requirements of the construction documents that he has found in the submittals.

C. Project Close-Out

The DB team shall comply with the requirements in FAR 4.804 Closeout of Contract Files, for submission of final Solicitation/ Contract as built drawings, manuals, and other documents as noted. Required as built drawings and specifications will be submitted in the same format required for the construction documents.

D. <u>Site-Visits and Inspections</u>

During the construction period the DB/ AE shall make visits to the project site when requested by the COR. The COR may also request visits for special purposes. Only registered architects and engineers thoroughly familiar with the project may make these site visits. The COR has the prerogative to determine the professional discipline(s) required for any visit. The DB/ AE shall observe the construction, advise the COR of any deviations or deficiencies or solutions to issues discussed. A site inspection report which includes the purpose of the inspection, items reviewed, deficiencies observed, recommendations and additional actions required, shall be furnished to the COR within three (3) calendar days following the site visit date.

SOW ATTACHMENTS

SOW - ATTACHMENT 1 - 2014.01.02 VA MPLS ED_CD ISSUE DRAWINGS_COMPLETE SET SOW - ATTACHMENT 2 - A0.11 MAIN LEVEL CODE PLAN A0 SOW - ATTACHMENT 3 - A8.30 INTERIOR DETAILS - PATIENT LIFT SOW - ATTACHMENT 4 - A8.31 INTERIOR DETAILS - PATIENT LIFT SOW - ATTACHMENT 5 - Current Proposed SCI_ED Ceiling Lifts SOW - ATTACHMENT 6 - Minneapolis VA Revit Model Standards V1 SOW - ATTACHMENT 7 - SCI Current Room Numbers 2011 07 25

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