

SOLICITATION, OFFER AND AWARD (Construction, Alteration, or Repair)	1. SOLICITATION NO.	2. TYPE OF SOLICITATION	3. DATE ISSUED	PAGE OF PAGES
	VA101-12-R-0053	<input type="checkbox"/> SEALED BID (IFB) <input checked="" type="checkbox"/> NEGOTIATED (RFP)		1 OF 150

IMPORTANT - The "offer" section on the reverse must be fully completed by offeror.

4. CONTRACT NO.	5. REQUISITION/PURCHASE REQUEST NO.	6. PROJECT NO.
		663-406

7. ISSUED BY	8. ADDRESS OFFER TO
Department of Veterans Affairs Office of Construction and Facilities Management - Western Region 1175 Nimitz Avenue, Suite 200 Vallejo CA 94592	Same as Item 7

9. FOR INFORMATION CALL:	A. NAME	B. TELEPHONE NO. (Include area code) (NO COLLECT CALLS)
	RONALD FERRER	707-562-8465

SOLICITATION

NOTE: In sealed bid solicitations "offer" and "offeror" mean "bid" and "bidder".

10. THE GOVERNMENT REQUIRES PERFORMANCE OF THE WORK DESCRIBED IN THESE DOCUMENTS (Title, identifying no., date):

VA Puget Sound Healthcare System, Seattle Division, Correction of Seismic Deficiencies, Building 100 Nursing Tower (NT) and Community Living Center (CLC), 1660 South Columbian Way, Seattle, WA 98108.

Contractor shall provide all tools, material, equipment, transportation, supervision, and labor for work as indicated and specified, involving general construction, alterations, mechanical, electrical, fire protection work, abatement, and utility systems, in accordance with specifications and drawings.

The estimated cost range for this project is between \$20,000,000 and \$50,000,000. The applicable North American Industry Classification System (NAICS) is 236220 with a small business size standard of \$33.5 million. This solicitation provides for full and open competition / unrestricted.

See SF1442 continuation pages for all Contract Line Items (CLINS). The contract type is Firm Fixed Price.

The Government intends to award Main Bid CLIN 001, CLIN 001A and CLIN 001B. Bidders must propose a price for each CLIN.

Subcontracting Goals for FY2012: (a) Small Business (SB) - 17.5%, (b) Veteran-Owned Small Business (VOSB) - 5.0%, (c) Service-Disabled Veteran-Owned Small Business (SDVOSB) - 3.0%, (d) Small Disadvantaged Business [includes 8(a)] - 5.0%, (e) Women-Owned Small Business (WOSB) - 5.0%, (f) Historically-Underutilized Business Zone (HUBZone) Small Business - 3.0%

11. The Contractor shall begin performance within <u>ten (10)</u> calendar days and complete it within <u>1095</u> calendar days after receiving <input type="checkbox"/> award, <input checked="" type="checkbox"/> notice to proceed. This performance period is <input checked="" type="checkbox"/> mandatory, <input type="checkbox"/> negotiable. (See <u>52.211-10</u> .)	
12A. THE CONTRACTOR MUST FURNISH ANY REQUIRED PERFORMANCE AND PAYMENT BONDS? (If "YES," indicate within how many calendar days after award in Item 12B.) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	12B. CALENDAR DAYS 10

13. ADDITIONAL SOLICITATION REQUIREMENTS:

A. Sealed offers in original and five (5) copies to perform the work required are due at the place specified in Item 8 by 1:00 pm PDT (hour) local time 06-29-2012 (date). If this is a sealed bid solicitation, offers must be publicly opened at that time. Sealed envelopes containing offers shall be marked to show the offeror's name and address, the solicitation number, the date and time offers are due

B. An offer guarantee ☒ is, ☐ is not required.

C. All offers are subject to the (1) work requirements, and (2) other provisions and clauses incorporated in the solicitation in full text or by reference

D. Offers providing less than ninety (90) calendar days for Government acceptance after the date offers are due will not be considered and will be rejected.

OFFER(Must be fully completed by offeror)

14. NAME AND ADDRESS OF OFFEROR (Include ZIP Code)		15. TELEPHONE NO. (Include area code)
		16. REMITTANCE ADDRESS (Include only if different than Item 14)
CODE	FACILITY CODE	

17. The offeror agrees to perform the work required at the prices specified below in strict accordance with the terms of the solicitation, if this offer is accepted by the Government in writing within _____ calendar days after the date offers are due. (Insert any number equal to or greater than the minimum requirement stated in Item 13D. Failure to insert any number means the offeror accepts the minimum in Item 13D.)

AMOUNTS

See SF 1442 Continuation Page 03

18. The offeror agrees to furnish any required performance and payment bonds.

19. ACKNOWLEDGMENT OF AMENDMENTS

(The offeror acknowledges receipt of amendments to the solicitation - give number and date of each)

AMENDMENT NO.										
DATE										

20A. NAME AND TITLE OF PERSON AUTHORIZED TO SIGN OFFER
(Type or print)

20B. SIGNATURE

20C. OFFER DATE

AWARD (To be completed by Government)

21. ITEMS ACCEPTED:

22. AMOUNT

23. ACCOUNTING AND APPROPRIATION DATA

24. SUBMIT INVOICES TO ADDRESS SHOWN IN
(4 copies unless otherwise specified)

ITEM

25. OTHER THAN FULL AND OPEN COMPETITION PURSUANT TO

☐ 10 U.S.C. 2304(c) () ☐ 41 U.S.C. 253(c) () ☐

26. ADMINISTERED BY

CODE

Department of Veterans Affairs
Office of Construction and
Facilities Management - Western Region
1175 Nimitz Avenue, Suite 200
Vallejo CA 94592

27. PAYMENT WILL BE MADE BY

Department of Veterans Affairs
FMS-VA-2 (101)
Financial Services Center
PO Box 149971
Austin TX 78714-9971

PHONE:

FAX:

CONTRACTING OFFICER WILL COMPLETE ITEM 28 OR 29 AS APPLICABLE

☐ 28. NEGOTIATED AGREEMENT (Contractor is required to sign this document and return _____ copies to issuing office.) Contractor agrees to furnish and deliver all items or perform all work, requisitions identified on this form and any continuation sheets for the consideration stated in this contract. The rights and obligations of the parties to this contract shall be governed by (a) this contract award, (b) the solicitation, and (c) the clauses, representations, certifications, and specifications incorporated by reference in or attached to this contract.

☐ 29. AWARD (Contractor is not required to sign this document.) Your offer on this solicitation, is hereby accepted as to the items listed. This award consummates the contract, which consists of (a) the Government solicitation and your offer, and (b) this contract award. No further contractual document is necessary.

30A. NAME AND TITLE OF CONTRACTOR OR PERSON AUTHORIZED
TO SIGN (Type or print)

31A. NAME OF CONTRACTING OFFICER (Type or print)

RONALD FERRER

30B. SIGNATURE

30C. DATE

31B. UNITED STATES OF AMERICA

BY

CLIN 001: Main Bid - Correct Seismic Deficiencies Building 100 Nursing Tower and Community Living Center - Structural including Soft Seismic. Period of Performance: 1095 calendar days.

CLIN 001 MAIN BID TOTAL COST DOLLAR AMOUNT:

\$ _____

CLIN 001 MAIN BID TOTAL COST DOLLAR AMOUNT IN WORDS:

CLIN 001A: Physical Security - Provide separate cost (extract from CLIN001) for portions of the building systems and materials designated on the drawings and in the specifications to provide physical security for the building structure and systems.

CLIN 001A TOTAL COST DOLLAR AMOUNT:

\$ _____

CLIN 001A TOTAL COST DOLLAR AMOUNT IN WORDS:

CLIN 001B: Asbestos / Hazardous Materials Abatement - Provide separate cost (extract from CLIN 001) for portions of the building systems and materials designated on the drawings and in the specifications to perform asbestos or hazardous materials abatement related work including demolition, removal and disposal.

CLIN 001B TOTAL COST DOLLAR AMOUNT: \$ _____

CLIN 001B TOTAL COST DOLLAR AMOUNT IN WORDS:

Table of Contents

PART I - THE SCHEDULE	1	1
SECTION A - SOLICITATION/CONTRACT FORM		1
SF 1442 SOLICITATION, OFFER, AND AWARD (Construction, Alteration, or Repair)		1
INFORMATION REGARDING BIDDING MATERIAL, BID GUARANTEE AND BONDS		6
INSTRUCTIONS, CONDITIONS AND OTHER STATEMENTS TO BIDDERS/OFFERORS		7
2.1 52.216-1 TYPE OF CONTRACT (APR 1984)		23
2.2 52.222-5 DAVIS-BACON ACT--SECONDARY SITE OF THE WORK (JUL 2005)		23
2.3 52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)		23
2.4 52.225-12 NOTICE OF BUY AMERICAN ACT REQUIREMENT --CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (FEB 2009)		24
2.5 52.228-1 BID GUARANTEE (SEP 1996)		25
2.6 52.233-2 SERVICE OF PROTEST (SEP 2006)		26
2.7 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995) ALTERNATE I (FEB 1995)		26
2.8 VAAR 852.215-70 SERVICE-DISABLED VETERAN-OWNED AND VETERAN-OWNED SMALL BUSINESS EVALUATION FACTORS (DEC 2009)		27
2.9 VAAR 852.219-71 VA MENTOR-PROTÉGÉ PROGRAM (DEC 2009)		27
2.10 VAAR 852.219-72 EVALUATION FACTOR FOR PARTICIPATION IN THE VA MENTOR-PROTÉGÉ PROGRAM (DEC 2009)		28
2.11 VAAR 852.228-72 ASSISTING SERVICE-DISABLED VETERAN-OWNED AND VETERAN-OWNED SMALL BUSINESSES IN OBTAINING BONDS (DEC 2009)		28
2.12 VAAR 852.233-70 PROTEST CONTENT/ALTERNATIVE DISPUTE RESOLUTION (JAN 2008)		28
2.13 VAAR 852.233-71 ALTERNATE PROTEST PROCEDURE (JAN 1998)		29
2.14 VAAR 852.270-1 REPRESENTATIVES OF CONTRACTING OFFICERS (JAN 2008)		29
2.15 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE (FEB 1998)		30
2.16 52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION (JAN 2004)		30
2.17 52.236-28 PREPARATION OF PROPOSALS--CONSTRUCTION (OCT 1997)		34
2.18 PARTNERING		34
REPRESENTATIONS AND CERTIFICATIONS		36
3.1 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAR 2012)		36
3.2 52.209-7 INFORMATION REGARDING RESPONSIBILITY MATTERS (FEB 2012)		39
GENERAL CONDITIONS		41
4.1 52.209-9 UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (FEB 2012)		41
4.2 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984) ALTERNATE I (APR 1984)		42
4.3 52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION (SEPT 2000)		42
4.4 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (APR 2009)		43
4.5 52.222-40 NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (DEC 2010)		44

4.6	52.223-15 ENERGY EFFICIENCY IN ENERGY-CONSUMING PRODUCTS (DEC 2007)	45
4.7	52.225-11 BUY AMERICAN ACT--CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (MAR 2012)	46
4.8	52.228-5 INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997).....	51
4.9	SUPPLEMENTAL INSURANCE REQUIREMENTS	51
4.10	52.236-1 PERFORMANCE OF WORK BY THE CONTRACTOR (APR 1984)	52
4.11	52.236-4 PHYSICAL DATA (APR 1984).....	52
4.12	52.236-21 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997) ALTERNATE II (APR 1984).....	53
4.13	VAAR 852.203-70 COMMERCIAL ADVERTISING (JAN 2008)	54
4.14	VAAR 852.203-71 DISPLAY OF DEPARTMENT OF VETERAN AFFAIRS HOTLINE POSTER (DEC 1992)	54
4.15	VAAR 852.211-74 LIQUIDATED DAMAGES (JAN 2008).....	54
4.16	VAAR 852.215-71 EVALUATION FACTOR COMMITMENTS (DEC 2009)	54
4.17	VAAR 852.219-9 VA SMALL BUSINESS SUBCONTRACTING PLAN MINIMUM REQUIREMENTS (DEC 2009)	55
4.18	VAAR 852.228-70 BOND PREMIUM ADJUSTMENT (JAN 2008).....	55
4.19	VAAR 852.236-71 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (JUL 2002)	55
4.20	VAAR 852.236-72 PERFORMANCE OF WORK BY THE CONTRACTOR (JUL 2002) ALTERNATE I.....	56
4.21	VAAR 852.236-74 INSPECTION OF CONSTRUCTION (JUL 2002).....	56
4.22	VAAR 852.236-76 CORRESPONDENCE (APR 1984)	57
4.23	VAAR 852.236-77 REFERENCE TO "STANDARDS" (JUL 2002).....	57
4.24	VAAR 852.236-78 GOVERNMENT SUPERVISION (APR 1984)	57
4.25	VAAR 852.236-79 DAILY REPORT OF WORKERS AND MATERIAL (APR 1984).....	57
4.26	VAAR 852.236-80 SUBCONTRACTS AND WORK COORDINATION (APR 1984) ALTERNATE I (JUL 2002)	58
4.27	VAAR 852.236-83 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (INCLUDING NAS) (JUL 2002).....	59
	ADDITIONAL REQUIREMENTS FOR BAR CHART SCHEDULE.....	61
4.28	VAAR 852.236-85 SUPPLEMENTARY LABOR STANDARDS PROVISIONS (APR 1984)	62
4.29	VAAR 852.236-86 WORKER'S COMPENSATION (JAN 2008)	63
4.30	VAAR 852.236-87 ACCIDENT PREVENTION (SEP 1993).....	63
4.31	VAAR 852.236-88 CONTRACT CHANGES--SUPPLEMENT (JUL 2002).....	63
4.32	VAAR 852.236-89 BUY AMERICAN ACT (JAN 2008) ALTERNATE I (JAN 2008)	65
4.33	VAAR 852.236-91 SPECIAL NOTES (JUL 2002).....	65
4.34	VAAR 852.246-74 SPECIAL WARRANTIES (JAN 2008)	66
4.35	VAAR 852.273-76 ELECTRONIC INVOICE SUBMISSION (Interim - October 2008).....	66
4.36	MANDATORY WRITTEN DISCLOSURES	67
4.37	IT CONTRACT SECURITY.....	67
4.38	52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998).....	76
4.39	52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (JAN 2009)	79
	GENERAL WAGE RATES	82
	SUBCONTRACTING PLAN MODEL.....	91
	PAST PERFORMANCE QUESTIONNAIRE	103
	RELEASE OF CLAIMS	106
	SPECIFICATION SECTION 010000 GENERAL REQUIREMENTS.....	107
	LIST OF SPECIFICATIONS	135
	LIST OF DRAWING SHEETS	138
	LIST OF OTHER ATTACHMENTS	150

INFORMATION REGARDING BIDDING MATERIAL, BID GUARANTEE AND BONDS

(a) Construction contractors must download all solicitation (plans & specifications) documents at www.fbo.gov. Contractors must be registered in the Central Contractor Registration (CCR) database at <http://ccr.gov> prior to award and must have a DUNS number by registering for the Register to Receive Notification list at <http://www.fbo.gov>. Contractors will be notified by e-mail of any new amendments that have been issued and posted. No other notification of amendments will be provided. Contractors are advised that they are responsible for obtaining and acknowledging any amendments to the solicitation. Check www.fbo.gov for all amendments BEFORE you deliver/send your proposal to the designated person, place, date and time.

(b) A bid guarantee is required in an amount not less than 20 percent of the bid price but shall not exceed \$3,000,000. Failure to furnish the required bid guarantee in the proper form and amount, by the time set for opening of bids, will require rejection of the bid in all cases except those listed in FAR 28.101-4, and may be cause for rejection even then.

(c) If the contract will exceed \$100,000 (see FAR 28.102-1 for lesser amount), the bidder to whom award is made will be required to furnish two bonds, a Payment Bond, SF 25A, and a Performance Bond, SF 25, each in the penal sum as noted in the General Conditions of the Specification. Copies of SFs 25 and 25A may be obtained upon application to the issuing office.

DESCRIPTION OF WORK:

Cost Range: \$20,000,000.00 to \$50,000,000.00.

**INSTRUCTIONS, CONDITIONS AND OTHER STATEMENTS TO
BIDDERS/OFFERORS**

SECTION 00 11 21

REQUEST FOR PROPOSAL - BEST VALUE

(CORRECTION OF SEISMIC DEFICIENCIES, BUILDING 100 NURSING TOWER AND COMMUNITY
LIVING CENTER)

(PROJECT NO. 663-406)

VA PUGET SOUND HEALTHCARE SYSTEM, SEATTLE DIVISION, WA

A. PART I - GENERAL

A1. Scope of Contract

Provide all labor, materials, tools and equipment, supplies, supervision, transportation and abatement as necessary for work described herein and other specific tasks as further defined by this request for proposal (RFP).

This project includes:

Nursing Tower (NT):

- Replace existing braces with Buckling Restrained Braced (BRBs) Frames in NTs and in selected Central Core (CC) locations.
- Structurally join the two NTs with the CC.
- Disconnect deficient braces in CC.
- Strengthen selected columns and column bases at the lower two levels.
- Provide interstitial floor bracing.
- Seismically brace non-structural building systems.

Community Living Center (CLC):

- Replace selected braces with BRBs.
- Strengthen selected column/beam (at roof) and column/base connections.
- Remove braces that are no longer necessary.
- Seismically brace non-structural building systems.

Building 100 NT consists of two seven-story towers which are nearly identical in their basic structure, each approximately 80,000 square feet. They are referred to as "East NT" and "West NT." East NT has a partial basement and both NTs have a mechanical penthouse. The NTs are separated by a gap of about 100 feet, and this gap is partially filled by the CC, which is the same height as the NTs, and will be structurally tied to the NTs in the scope of this project. The Building 100 CLC is one story with a partially day

lit basement, is of irregular shape, contains 23,000 square feet on the first floor, and 14,000 square feet in the basement.

The project includes all necessary non-structural work associated with performance of the seismic work such as temporary provisions, abatement, demolition and replacement of existing building components as required and as indicated and specified for various disciplines including, but not limited to, Architectural, Mechanical, Fire Protection and Electrical. The project shall be phased as indicated and the existing NTs and CLC, and Hospital, are planned to remain fully operational during the construction of the seismic upgrade, except for the floor or wing where construction is currently occurring.

A2. Definitions

- a. Contracting Officer: The services to be performed under this contract are subject to the general supervision, direction, control and approval of the Contracting Officer.
- b. Project Manager: The Contracting Officer's representative responsible for administering contracts under the immediate direction of the Contracting Officer.
- c. Resident Engineer: The Contracting Officer's authorized representative at the construction site. When more than one Resident Engineer is assigned to a construction project one is designated as being in-charge and is called the "Senior Resident Engineer". The Resident Engineer is responsible for protecting the Government's interest in the execution of the construction contract work. Duties include surveillance of all construction work to assure compliance with the contract documents, interpretation of the contract documents, approval of changed work, approval of all submittals, samples, shop drawings, etc. The Resident Engineer may issue change orders to the Contractor within the limitations set forth in his delegation of authority from the Contracting Officer.
- d. Contractor: This term, as used herein, refers to the Contractor under this contract.

A3. Selection Procedure

During the review of offers the VA may ask for additional information. The VA may initiate action to award a contract at any point after review of the offers. Therefore, offers should reflect the offeror's best terms both from a technical and cost standpoint. See FAR 52. 215-1, Instructions to Offerors - Competitive Acquisition (Jan 2004).

A4. Tentative Schedule

PreSolicitation Posted in FedBizOpps	April 30, 2012
Solicitation Posted in FedBizOpps (Construction Documents)	May 15, 2012
Pre-proposal conference	May 22, 2012
Last Day to submit Requests for Information (RFIs)	Seven (7) days before proposal due date
Final Issuance of Amendments (if necessary)	To Be Determined
Proposal submitted	June 29, 2012
Contract award	July 16, 2012
Notice to proceed (NTP)	To Be Determined
Construction completion	1095 calendar days (after NTP)

D. Schedule Objectives - The anticipated completion of this project is 1095 calendar days after "Notice to Proceed" (NTP).

A5. Cost Range

The anticipated cost range for this project is between \$20,000,000 and \$50,000,000.

A6. Pre-Proposal Conference, Small Business Workshop and Site Walk (Attendance is not mandatory)Site Walk

Date and Time: May 22, 2012 starting at 9:30AM Pacific Daylight Time

Meeting Location: VA Seattle Campus, 1660 South Columbian Way, Patio between Buildings 1 and 18.

Use of PPE (personal protective equipment) - Closed Toe Shoes

Pre-proposal Conference and Small Business Workshop

Date and Time: May 22, 2012 starting at 11:00AM Pacific Daylight Time.

Location: VA Seattle Campus, 1660 South Columbian Way, Building 1, Room 240, Seattle, WA 98108.

All offerors, consultants, subcontractors, manufacturers and suppliers are invited to attend. The following agenda is furnished for this meeting:

1. Opening Remarks;
2. Review of Project for Construction Contracting;
3. Specifications, Network Analysis System and Project Phasing;
4. Small Business Workshop
5. General Requirements, Solicitation Documents and Offer Submission Procedure;
6. Review of "Buy American Act";
7. Questions and Answers;
8. Close

Note: Parking on the VA Seattle Campus is very limited. Use of public transportation is advised. It is recommended that all interested parties arrive no less than one (1) hour prior to the start of the pre-proposal conference and site visit.

A7. Small Business Workshop

A. This workshop will be held in the same room as the Pre-proposal conference. The workshop will be conducted by a representative of the Small Business Administration and/or the VA Office of Small Disadvantaged Business Utilization. All prime Contractors and subcontractors, including disadvantaged (minority), women owned and other small business concerns are encouraged to attend.

B. The following agenda is furnished for the information of all prospective attendees of the Small Business Workshop:

1. Introduction of representatives for General Contractors,

Sub-Contractors, service-disabled veteran-owned small business, veteran-owned small business, HUBZone or 8(a), women owned small business, and other workshop participants.

2. Explanation of Federal Acquisition Regulations (FAR),

3. Informal presentation from each participating prime Contractor.

4. Registration of each service-disabled veteran-owned, veteran-owned, HUBZone or 8(a), women owned and other small business participants with prime Contractors.

5. Questions and Answers.

B. PART II - RESPONSIBILITIES

B1. VA Team

A. The design team that prepared the contract documents is:

A/E: Stantec Consulting Services, Inc.
901 Market Street
San Francisco, CA 94103

Consultants: Stantec - mechanical/ plumbing
1932 First Avenue, Suite 307
Seattle, WA 98101

Sparling - Electrical
720 Olive Way, Suite 1400
Seattle, WA 98101-1853

Degenkolb Engineers - Structural
600 University Street, Suite 720
Seattle, WA 98101

Coughlin Porter Lundeen - Civil
413 Pine Street, Suite 300
Seattle, WA 98101

B. The VA team is also comprised of VA Office of Construction & Facilities Management - West Region located in Vallejo, CA and others at VA Headquarters located in Washington, DC, a Senior Resident Engineer (SRE) who will be located at the construction site, and VA Medical Center staff. The coordinator/manager of the VA team will be the Project Manager. The SRE will have Contracting Officer authority.

C. PART III - PROPOSAL REQUIREMENT

C1. GENERAL

A. *Proposals shall be based on solicitation documents issued for RFP Solicitation Number **VA101-12-R-0053**.*

B. Proposals shall be received on or before June 29, 2012 at 1:00 PM Pacific Daylight Time. There will be no public opening of the proposals.

C. Submit sealed offers to:

1. Commercial Delivery Services / Hand Carry (Monday- Friday, 7:30 am to 4:30 PM:

Ronald Ferrer, Contracting Officer
Department of Veterans Affairs
Office of Construction & Facilities Management - Western Region
1175 Nimitz Avenue, Suite 200
Vallejo, CA 94592
Telephone: 707-562-8465

OR

2. US Postal Service Deliveries:

Ronald Ferrer, Contracting Office
Department of Veterans Affairs
Office of Construction & Facilities Management - Western Region
1175 Nimitz Avenue, Suite 200
Vallejo, CA 94592

D. Technical and Cost sections of the Offers proposals will be evaluated independently. Offeror shall separately bind each section. Each section must therefore be labeled with the Offeror's organization, business address, and VA Project Number. Offerors shall affix their name and return addresses on their envelope/packaging.

E. Carefully follow "Instructions, Conditions, and Notices to Offerors". **Standard Form SF 1442** shall be used for submitting cost proposal. For Technical proposal, submit original and five (5) copies. For Cost proposal, submit original proposal, Standard Form 1442, with a bid guarantee. Also, all offerors shall submit an electronic copy of the cost and technical proposals on one CD or one DVD.

1. Offeror shall submit separate prices for any Bid Items indicated on the RFP Offer and award;
2. Offeror shall include all required Representations and Certifications; and acknowledge receiving amendments by number.

C2. PROPOSAL REVISIONS (FAR 52.215-1)

A. If determined to be necessary, proposal revisions will be requested from the proposals received. The Contracting Officer will identify those offerors, whose proposals are within the competitive range, considering the selection criteria identified in this section. Negotiations may be conducted with those offerors falling within the competitive range, after

which proposal revisions will be requested. Those selected as within the competitive range will be given 7 calendar days to prepare their proposal revisions. Sealed proposal revisions will be submitted as per Part III.C1.C, above, except as noted below and will be due at a time and place to be determined.

B. Offerors submitting proposal revisions will not be requested to re-submit any documents which are unchanged from their initial proposals. They should provide necessary changes to individual paragraphs, as briefly as possible, together with a table of contents, which clarifies where within the initial proposal the additional information or changed documents would be placed. Proposal revisions shall include a completed **Standard Form SF-1442**. A new bid bond shall be submitted only if the final proposal revisions offeror's price proposal is greater than its initial price proposal.

C3. COST PROPOSAL REQUIREMENTS

Cost Proposals Shall be Submitted on **Standard Form 1442 (SF-1442)**, **Solicitation, Offer and Award (Construction, Alteration, or Repair)**. Provide Original SF-1442 and cost proposal as indicated in the pricing schedule.

C4. TECHNICAL PROPOSAL REQUIREMENTS

Submit original and five (5) copies of the Technical Proposal. The technical proposal shall be divided into four sections: (1) Construction Management; (2) Schedule; (3) Past Performance; and (4) Small Disadvantaged Business Participation.

A. **Construction Management** - This factor will be evaluated on the basis of Corporate Project Experience, Key Project Personnel Experience and Technical/Management approach.

1. *Corporate Project Experience* - The Offeror shall demonstrate corporate construction experience with a minimum of 3 Seismic projects in an operating healthcare environment, that are ongoing or completed within the last 5 years, and of similar size (square footage, dollar amount), scope (seismic renovation, healthcare) and complexity.

Provide the following information:

- a) Contract number, project title, location and brief description including the building use (Medical Facility, etc.) and contracting method (e.g., design build, design bid construct, CM at risk).
- b) Project owner, name, and telephone number of owner's contact person.

- c) Project Prime Contractor and Major Subcontractors with name and telephone number of contact person(s).
- d) Project Statistics including start and completion dates (original vs. actual) for construction; cost (original vs. actual) with brief explanation of what is included in the cost; square footage; foundation type; number of levels; and any letters of recommendation, performance evaluations and/or awards received.
- e) Names of Key personnel currently with the firm that worked on the listed projects that will also work on this project, if awarded.

2. *Key Project Personnel Experience* (Specialized experience and technical competence) - The Offeror shall demonstrate the relevant experience of the key project personnel listed below. Please note if one individual is proposed for more than one position listed.

- a) Overall Project Manager
- b) Construction Project Manager
- c) Project Superintendent
- d) Safety Manager
- e) Quality Assurance Manager

Biographical data for each key project personnel shall include the following:

- a) Name of individual.
- b) Company employed by.
- c) Company position title.
- d) Years with the company.
- e) Describe work experience with projects that were seismic projects or were medical facilities and the company (by name) they worked for when involved in the project. Include dates of projects.
- f) An indication of which (if any) projects submitted under Corporate Project Experience (above) the individual participated in and what the individuals responsibility was for that project.
- g) An indication of which other individuals submitted under Key Project Personnel Experience this individual has worked with and the project they worked on together, noting if that project has been submitted under Corporate Experience (above).
- h) Position that the individual will hold in regard to this contract/project team, description of duties and what percentage of

the individual's time would be committed to the project during both the design and construction phases.

- i) Describe job related educational experience including degrees, certificates etc and granting institutions.

3) *Technical / Management Approach*

a) Project Delivery Philosophy - The Offeror shall describe its philosophy concerning elements for successful partnering, communication and conflict resolution.

b) Project Organizational Chart and Narrative - The Offeror shall include all team members, including Key Project Personnel, as well as any other management staff proposed in an organizational chart. Organization chart should indicate the following information for each management staff assigned to the project: the individual's location - on site or off site, and percentage of time dedicated to the project. The Offeror should clearly describe the prime responsible firm (or firms if Joint Venture) and individuals as well as the roles and responsibilities of individuals proposed as consultants or subcontractors. Provide a list of all consultants and all proposed major subcontractors, including telephone number, address, and name of contact.

c) Company Quality Assurance / Quality Control Plan - The Offeror shall provide a QA/QC plan to document company methodologies for ensuring the quality of deliverables to be in conformance with VA program requirements.

B. Schedule - This factor will be evaluated on the basis of a Phasing Plan and Proposed Progress Schedule. Attached is suggested schedule by the VA Puget Sound Healthcare System, Seattle Division, dated January 3, 2012.

1. *Phasing Plan* - The Offeror shall describe in a written narrative, the plan for phasing the work so that the facility remains operational. The narrative will also detail how the Contractor intends to prepare the site, disassemble, relocate, reassemble, and reactive utility services to the facility within any specified time limits.
2. *Progress Schedule* - The Offeror shall provide its proposed progress schedule which will be evaluated for realism and reasonableness. The progress schedule will be in a time scaled bar graph format. The horizontal axis will be scaled for time beginning with the Notice to

Proceed and concluding with contract completion. The vertical axis will show the milestones and major portions of the contract work. All schedule items will show a start date and a completion date. The detailed schedule will indicate specific tasks with dates for each step of the process including: mobilization, demolition method and sequencing, excavation, structure completion, exterior finishing, procurement and installation of equipment; provisions for overtime or shift work, relocation of existing equipment, site utilities, roadway realignment, tests and final inspection. The Offeror shall specify how much allowance has been made for bad weather in the schedule, the days of the week and the hours of construction operations during each phase of the work, and the percentage of contract completion that will be achieved at the end of each month of the contract.

C. Past Performance - This factor will be evaluated on the basis of Past Performance Questionnaires completed and submitted by references identified in Corporate Project Experience (minimum of 3 projects), and the past safety record of prospective Contractor. The Evaluation Team may consider **past performance data from a wide variety of sources both inside and outside the Federal Government.**

1. *Past Performance Questionnaire* - The references are to submit completed questionnaires to the Contracting Officer by the due date and time for receipt of proposals. The questionnaires will be evaluated to determine client satisfaction, for elements including Quality Control, Effectiveness of Management, Timely Performance, and Compliance with Labor and Safety Standards. **In the case of an offeror without a record of relevant past performance or for whom information on past performance is not available,** the offeror may not be evaluated favorably or unfavorably on past **performance and will receive a neutral rating.**
2. *Safety Record* - The Offeror shall provide documentation that specifies Contractor in question has no more than three serious, or one repeat, or one willful OSHA or EPA violation(s) in the past 3 years and has an Experience Modification Rate (EMR) of equal to or less than 1.0.

D. **Small Business Participation** - Evaluation will be based on whether prospective offeror qualifies as a small or large business.

1. Offeror is a small business.

a) If offeror claims that it qualifies as a small business, it shall so state this in this section.

b) Offeror shall also state whether it qualifies as one or more of the following:

- i) Service Disabled Veteran Owned Small Business;
- ii) Veteran Owned Small Business;
- iii) HUBZone;
- iv) Small Disadvantaged Business or 8(a);
- v) Woman Owned Small Business
- vi) Offeror is a small business, other than above categories.

2. Offeror is a large business

a) If offeror is a Joint Venture, Partnership, Mentor-Protégé or other teaming arrangement, it shall describe the participation of small businesses in the arrangement, including whether the small business qualifies as one or more of the categories listed in D. b. (i) - (vi) above. Offeror shall include in its description of the teaming or mentor-protégé arrangement the percentage of participation of each of the small business categories in the total arrangement and shall provide a copy of the teaming arrangement's executed agreement or Mentor-Protégé agreement.

b) Offeror shall provide a proposed Subcontracting Plan along with the proposal that indicates the total target as a percentage of contract value for each of the categories listed in D. b. (i) - (vi) above. The goals for this contract are set forth in Standard Form 1442.

c) Past Subcontracting Goals Performance - Offeror shall provide documentation, such as Individual Subcontract Reports and/or Summary Subcontract Reports in the Electronic Subcontracting Reporting System (eSRS), demonstrating the degree to which offeror:

- i) exceeded approved subcontracting goals for all federal construction projects within the last three years.
- ii) met approved subcontracting goals for all construction projects within the last three years.
- iii) Provide an explanation for any goals not met.

C5. SELECTION CRITERIA AND WEIGHTINGS

A. Proposals will be evaluated and award will be made on the basis of both cost and technical considerations most advantageous to the government as per FAR Part 15. Using the tradeoff process under best value, it may be in the Government's best interest to consider award to other than the lowest price offeror or other than highest technically rated offeror. All technical factors, when combined are significantly more important than cost/price. Offerors are advised that if the technical proposals are essentially equal, the award will be made on the basis of the lowest cost. Responsibility determination will be made in accordance with **FAR 9.1**

Responsible Prospective Contractors.

B. Technical Evaluations - Evaluations will be based on the following factors, listed in order of descending importance.

1. **Construction Management** - The three subfactors are listed in descending order of importance.

a) *Corporate Project Experience* - Greater weight will be given to offeror's experience as a prime Contractor rather than as a consultant or subcontractor.

b) *Key Project Personnel Experience* - the five subfactors are equal in importance.

- i) Overall Project Manager
- ii) Construction Project Manager
- iii) Project Superintendent
- iv) Safety Manager
- v) Quality Assurance Manager

c) *Technical / Management Approach* - the three subfactors are equal in importance.

- i) Project Delivery Philosophy
- ii) Project Organizational Chart and Narrative
- iii) Company Quality Assurance / Quality Control Plan

2. **Schedule** - The two subfactors are listed in descending order of importance.

- a) Phasing Plan
- b) Proposed Progress Schedule.

3. **Past Performance** - The two subfactors are equal in importance.

- a) Past Performance Questionnaire
- b) Safety Record

4. **Small Business Participation** - This factor shall be evaluated on the basis of whether offeror qualifies as a small or large business.
- a) Small Business: A proposal from an offeror that is a small business shall be evaluated on the following, listed in decreasing order of importance with the Service Disabled Veteran Owned Small Business receiving the maximum score.
- i) Offeror is a Service Disabled Veteran Owned Small Business.
 - ii) Offeror is a Veteran Owned Small Business.
 - iii) Offeror is a Small Business, regardless of category.
- b) Large Business: A proposal from an offeror that is a large business shall be evaluated on the following three subfactors, which are equal in importance.
- i) Offeror is a large business that includes one or more small businesses as part of a Mentor-Protégé or teaming arrangement. Offeror's proposal will be evaluated on the degree to which the mentor-protégé or teaming arrangement includes the following, listed in decreasing order of importance.
 - (a) Service Disabled Veteran Owned Small Business.
 - (b) Veteran Owned Small Business.
 - (c) Small Business, regardless of category.
 - ii) Subcontracting Plan - Offeror's proposal shall be evaluated on the degree to which offeror's subcontracting plan exceeds the goal set forth in the Standard Form 1442, and includes the following categories, listed in decreasing order of importance:
 - (a) Service Disabled Veteran Owned Small Business.
 - (b) Veteran Owned Small Business.
 - (c) Small Business, regardless of category.
 - iii) Past Small Business Subcontracting Goals Performance - Offeror's proposal shall be evaluated based on the following, listed in decreasing order of importance.
 - (a) The degree to which offeror exceeded approved subcontracting goals for all federal construction projects within the last three years.
 - (b) The degree to which offeror met approved subcontracting goals for all federal construction projects within the last three years.
 - (c) Provide an explanation for any goals not met.

C. Cost/Price Evaluations – Cost will be evaluated on the basis of its realism and acceptability to the Government.

C6. RATING STANDARDS AND DEFINITIONS

The technical evaluation factors will be evaluated on an adjectival basis.

Offerors are advised any strengths that are accepted by the government may be incorporated into the contract as the minimum performance requirement.

"Deficiency" is a material failure of a proposal to meet a Government requirement or a combination of significant weaknesses in a proposal that increases the risk of unsuccessful contract performance to an unacceptable level. "Weakness" means a flaw in the proposal that increases the risk of unsuccessful contract performance. A "significant weakness" in the proposal is a flaw that appreciably increases the risk of unsuccessful contract performance.

Adjective	Definition
Outstanding	Exceeds all or almost all of the VA's requirements. Contains many significant strengths and no significant weaknesses. Contains extensive detail to indicate a thorough understanding of the requirements, with a low degree of risk in meeting the VA's requirements.
Excellent	Exceeds some and satisfies all of the VA's requirements. Contains many significant strengths and few significant weaknesses. Contains adequate detail to indicate an understanding of the requirements, with an overall low degree of risk in meeting the VA's requirements.
Acceptable	Satisfies all or almost all of the VA's requirements. Contains few significant strengths and few significant weaknesses, or contains no significant strengths or weaknesses. Contains minimal detail to indicate an understanding of the requirements, with an overall low to moderate degree of risk in meeting the VA's requirements.
Marginal	Satisfies some of the VA's requirements. Contains no significant strengths and few significant weaknesses or many significant strengths and many significant weaknesses. Contains minimal or no detail to indicate an understanding of the requirements, with an overall high degree of risk in meeting the VA's requirements.
Unacceptable	Fails to meet stated requirements and/or contains major errors, omissions or deficiencies which indicate a lack of understanding of the requirements or an offer which cannot be expected to meet requirements or involves a very high risk. These conditions can not be corrected without a major rewrite or revision of the proposal.

Past Performance: The VA will assign an adjectival rating based on the information provided by the references and any other source. In the case of an offeror without a record of relevant past performance or for whom information on past performance is not available, the offeror may not be evaluated favorably or unfavorably on past performance and will receive a neutral rating. However, the proposal of an offeror with no relevant past performance history, while rated neutral in past performance, may not represent the most advantageous proposal to the Government. The Evaluation Team may consider past performance data from a wide variety of sources both inside and outside the Federal Government. The Government evaluation team will conduct an evaluation based on past performance of offerors as it relates to the probability of successfully performing the solicitation requirements, and the Past Performance evaluation will assess the relative risks associated with an offeror's likelihood of success in fulfilling the solicitation's requirements.

Outstanding	The Offeror's performance met contractual requirements and exceeded many requirements to the Client's benefit. The contractual performance was accomplished with few minor problems for which corrective actions taken by the offeror were highly effective.
Above Average	The Offeror's performance met contractual requirements and exceeded some requirements to the Client's benefit. The contractual performance was accomplished with some minor problems for which corrective actions taken by the offeror were effective.
Satisfactory	The Offeror's performance met contractual requirements. The contractual performance contained some minor problems for which corrective actions taken by the offeror were satisfactory.
Marginal	Performance did not meet some contractual requirements. Performance indicated that there are some potential risks associated with the quality of work, timeliness of service, and contract performance.
Unacceptable	Performance did not meet contractual requirements. The contractual performance reflected a serious problem for which the offeror has yet to identify corrective actions or the offeror's proposed actions appear only marginally effective or were not fully implemented.
Neutral	No record of relevant present or past performance, or present and past performance information is not available.

Note: Amendments: Amendments to Solicitation No. VA101-12-R-0053 will be posted at www.fedbizopps.gov. Paper copies of the amendments will NOT be individually mailed. By registering to receive notification list at <http://www.fedbizopps.gov>, you will be

notified by e-mail of any new amendments that have been issued and posted. No other notification of amendments will be provided. Potential offerors are advised that they are responsible for obtaining and acknowledging any amendments to the solicitation. Failure to acknowledge an amendment may result in your proposal being considered non-responsive.

- - - E N D - - -

2.1 52.216-1 TYPE OF CONTRACT (APR 1984)

The Government contemplates award of a Firm Fixed Price contract resulting from this solicitation.

(End of Provision)

2.2 52.222-5 DAVIS-BACON ACT--SECONDARY SITE OF THE WORK (JUL 2005)

(a)(1) The offeror shall notify the Government if the offeror intends to perform work at any secondary site of the work, as defined in paragraph (a)(1)(ii) of the FAR clause at 52.222-6, Davis-Bacon Act, of this solicitation.

(2) If the offeror is unsure if a planned work site satisfies the criteria for a secondary site of the work, the offeror shall request a determination from the Contracting Officer.

(b)(1) If the wage determination provided by the Government for work at the primary site of the work is not applicable to the secondary site of the work, the offeror shall request a wage determination from the Contracting Officer.

(2) The due date for receipt of offers will not be extended as a result of an offeror's request for a wage determination for a secondary site of the work.

(End of Provision)

2.3 52.222-23 NOTICE OF REQUIREMENT FOR AFFIRMATIVE ACTION TO ENSURE EQUAL EMPLOYMENT OPPORTUNITY FOR CONSTRUCTION (FEB 1999)

(a) The offeror's attention is called to the Equal Opportunity clause and the Affirmative Action Compliance Requirements for Construction clause of this solicitation.

(b) The goals for minority and female participation, expressed in percentage terms for the Contractor's aggregate workforce in each trade on all construction work in the covered area, are as follows:

Goals for minority participation for each trade	Goals for female participation for each trade
7.2 %	6.9 %

These goals are applicable to all the Contractor's construction work performed in the covered area. If the Contractor performs construction work in a geographical area located outside of the covered area, the Contractor shall apply the goals established for the geographical area where the work is actually performed. Goals are published periodically in the Federal Register in notice form, and these notices may be obtained from any Office of Federal Contract Compliance Programs office.

(c) The Contractor's compliance with Executive Order 11246, as amended, and the regulations in 41 CFR 60-4 shall be based on (1) its implementation of the Equal Opportunity clause, (2) specific affirmative action obligations required by the clause entitled "Affirmative Action Compliance Requirements for

Construction," and (3) its efforts to meet the goals. The hours of minority and female employment and training must be substantially uniform throughout the length of the contract, and in each trade. The Contractor shall make a good faith effort to employ minorities and women evenly on each of its projects. The transfer of minority or female employees or trainees from Contractor to Contractor, or from project to project, for the sole purpose of meeting the Contractor's goals shall be a violation of the contract, Executive Order 11246, as amended, and the regulations in 41 CFR 60-4. Compliance with the goals will be measured against the total work hours performed.

(d) The Contractor shall provide written notification to the Deputy Assistant Secretary for Federal Contract Compliance, U.S. Department of Labor, within 10 working days following award of any construction subcontract in excess of \$10,000 at any tier for construction work under the contract resulting from this solicitation. The notification shall list the--

- (1) Name, address, and telephone number of the subcontractor;
- (2) Employer's identification number of the subcontractor;
- (3) Estimated dollar amount of the subcontract;
- (4) Estimated starting and completion dates of the subcontract; and
- (5) Geographical area in which the subcontract is to be performed.

(e) As used in this Notice, and in any contract resulting from this solicitation, the "covered area" is Seattle, WA.

(End of Provision)

2.4 52.225-12 NOTICE OF BUY AMERICAN ACT REQUIREMENT --CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (FEB 2009)

(a) Definitions. "Commercially available off-the-shelf (COTS) item," "construction material," "designated country construction material," "domestic construction material," and "foreign construction material," as used in this provision, are defined in the clause of this solicitation entitled "Buy American Act--Construction Materials Under Trade Agreements" (Federal Acquisition Regulation (FAR) clause 52.225-11).

(b) Requests for determination of inapplicability. An offeror requesting a determination regarding the inapplicability of the Buy American Act should submit the request to the Contracting Officer in time to allow a determination before submission of offers. The offeror shall include the information and applicable supporting data required by paragraphs (c) and (d) of FAR clause 52.225-11 in the request. If an offeror has not requested a determination regarding the inapplicability of the Buy American Act before submitting its offer, or has not received a response to a previous request, the offeror shall include the information and supporting data in the offer.

(c) Evaluation of offers. (1) The Government will evaluate an offer requesting exception to the requirements of the Buy American Act, based on claimed unreasonable cost of domestic construction

materials, by adding to the offered price the appropriate percentage of the cost of such foreign construction material, as specified in paragraph (b)(4)(i) of FAR clause 52.225-11.

(2) If evaluation results in a tie between an offeror that requested the substitution of foreign construction material based on unreasonable cost and an offeror that did not request an exception, the Contracting Officer will award to the offeror that did not request an exception based on unreasonable cost.

(d) Alternate offers. (1) When an offer includes foreign construction material, other than designated country construction material, that is not listed by the Government in this solicitation in paragraph (b)(3) of FAR clause 52.225-11, the offeror also may submit an alternate offer based on use of equivalent domestic or designated country construction material.

(2) If an alternate offer is submitted, the offeror shall submit a separate Standard Form 1442 for the alternate offer, and a separate price comparison table prepared in accordance with paragraphs (c) and (d) of FAR clause 52.225-11 for the offer that is based on the use of any foreign construction material for which the Government has not yet determined an exception applies.

(3) If the Government determines that a particular exception requested in accordance with paragraph (c) of FAR clause 52.225-11 does not apply, the Government will evaluate only those offers based on use of the equivalent domestic or designated country construction material, and the offeror shall be required to furnish such domestic or designated country construction material. An offer based on use of the foreign construction material for which an exception was requested--

(i) Will be rejected as nonresponsive if this acquisition is conducted by sealed bidding; or

(ii) May be accepted if revised during negotiations.

(End of Provision)

2.5 52.228-1 BID GUARANTEE (SEP 1996)

(a) Failure to furnish a bid guarantee in the proper form and amount, by the time set for opening of bids, may be cause for rejection of the bid.

(b) The bidder shall furnish a bid guarantee in the form of a firm commitment, e.g., bid bond supported by good and sufficient surety or sureties acceptable to the Government, postal money order, certified check, cashier's check, irrevocable letter of credit, or, under Treasury Department regulations, certain bonds or notes of the United States. The Contracting Officer will return bid guarantees, other than bid bonds, (1) to unsuccessful bidders as soon as practicable after the opening of bids, and (2) to the successful bidder upon execution of contractual documents and bonds (including any necessary coinsurance or reinsurance agreements), as required by the bid as accepted.-

(c) The amount of the bid guarantee shall be twenty (20) percent of the bid price or \$3,000,000, whichever is less.

(d) If the successful bidder, upon acceptance of its bid by the Government within the period specified for acceptance, fails to execute all contractual documents or furnish executed bond(s) within 10 days after receipt of the forms by the bidder, the Contracting Officer may terminate the contract for default.

(e) In the event the contract is terminated for default, the bidder is liable for any cost of acquiring the work that exceeds the amount of its bid, and the bid guarantee is available to offset the difference.

(End of Provision)

2.6 52.233-2 SERVICE OF PROTEST (SEP 2006)

(a) Protests, as defined in section 33.101 of the Federal Acquisition Regulation, that are filed directly with an agency, and copies of any protests that are filed with the Government Accountability Office (GAO), shall be served on the Contracting Officer (addressed as follows) by obtaining written and dated acknowledgment of receipt from: RONALD FERRER

CONTRACTING OFFICER

Hand-Carried Address:

Department of Veterans Affairs
Office of Construction and
Facilities Management - Western Region
1175 Nimitz Avenue, Suite 200
Vallejo CA 94592

Mailing Address:

Department of Veterans Affairs
Office of Construction and
Facilities Management - Western Region
1175 Nimitz Avenue, Suite 200
Vallejo CA 94592

(b) The copy of any protest shall be received in the office designated above within one day of filing a protest with the GAO.

(End of Provision)

2.7 52.236-27 SITE VISIT (CONSTRUCTION) (FEB 1995) ALTERNATE I (FEB 1995)

(a) The clauses at 52.236-2, Differing Site Conditions, and 52.236-3, Site Investigations and Conditions Affecting the Work, will be included in any contract awarded as a result of this solicitation. Accordingly, offerors or quoters are urged and expected to inspect the site where the work will be performed.

(b) An organized site visit has been scheduled for

Pre-Proposal Conference and Site Walk (Attendance is not mandatory)

Site Walk

Date and Time: May 22, 2012 starting at 9:30AM Pacific Daylight Time

Meeting Location: VA Seattle Campus, 1660 South Columbian Way, Patio between Buildings 1 and 18, Seattle, WA 98108

Use of PPE (personal protective equipment) – Closed Toe Shoes

Pre-proposal Conference and Small Business Workshop

Date and Time: May 22, 2012 starting at 11:00AM Pacific Daylight Time.

Location: VA Seattle Campus, 1660 South Columbian Way, Building 1, Room 240, Seattle, WA 98108.

Note: Parking on the VA Seattle Campus is very limited. Use of public transportation is advised. It is recommended that all interested parties arrive no less than one (1) hour prior to the start of the pre-proposal conference and site visit.

(End of Provision)

2.8 VAAR 852.215-70 SERVICE-DISABLED VETERAN-OWNED AND VETERAN-OWNED SMALL BUSINESS EVALUATION FACTORS (DEC 2009)

(a) In an effort to achieve socioeconomic small business goals, depending on the evaluation factors included in the solicitation, VA shall evaluate offerors based on their service-disabled veteran-owned or veteran-owned small business status and their proposed use of eligible service-disabled veteran-owned small businesses and veteran-owned small businesses as subcontractors.

(b) Eligible service-disabled veteran-owned offerors will receive full credit, and offerors qualifying as veteran-owned small businesses will receive partial credit for the Service-Disabled Veteran-Owned and Veteran-owned Small Business Status evaluation factor. To receive credit, an offeror must be registered and verified in Vendor Information Pages (VIP) database. (<http://www.VetBiz.gov>).

(c) Non-veteran offerors proposing to use service-disabled veteran-owned small businesses or veteran-owned small businesses as subcontractors will receive some consideration under this evaluation factor. Offerors must state in their proposals the names of the SDVOSBs and VOSBs with whom they intend to subcontract and provide a brief description of the proposed subcontracts and the approximate dollar values of the proposed subcontracts. In addition, the proposed subcontractors must be registered and verified in the VetBiz.gov VIP database (<http://www.vetbiz.gov>).

(End of Clause)

2.9 VAAR 852.219-71 VA MENTOR-PROTÉGÉ PROGRAM (DEC 2009)

(a) Large businesses are encouraged to participate in the VA Mentor-Protégé Program for the purpose of providing developmental assistance to eligible service-disabled veteran-owned small businesses and veteran-owned small businesses to enhance the small businesses' capabilities and increase their participation as VA prime Contractors and as subcontractors.

(b) The program consists of:

(1) Mentor firms, which are Contractors capable of providing developmental assistance;

(2) Protégé firms, which are service-disabled veteran-owned small business concerns or veteran-owned small business concerns; and

(3) Mentor-Protégé Agreements approved by the VA Office of Small and Disadvantaged Business Utilization.

(c) Mentor participation in the program means providing business developmental assistance to aid protégés in developing the requisite expertise to effectively compete for and successfully perform VA prime contracts and subcontracts.

(d) Large business prime Contractors serving as mentors in the VA Mentor-Protégé Program are eligible for an incentive for subcontracting plan credit. VA will recognize the costs incurred by a mentor firm in providing assistance to a protégé firm and apply those costs for purposes of determining whether the mentor firm attains its subcontracting plan participation goals under a VA contract. The amount of credit given to a mentor firm for these protégé developmental assistance costs shall be calculated on a dollar-for-dollar basis and reported by the large business prime Contractor via the Electronic Subcontracting Reporting System (eSRS).

(e) Contractors interested in participating in the program are encouraged to contact the VA Office of Small and Disadvantaged Business Utilization for more information.

(End of Clause)

2.10 VAAR 852.219-72 EVALUATION FACTOR FOR PARTICIPATION IN THE VA MENTOR-PROTÉGÉ PROGRAM (DEC 2009)

This solicitation contains an evaluation factor or sub-factor regarding participation in the VA Mentor-Protégé Program. In order to receive credit under the evaluation factor or sub-factor, the offeror must provide with its proposal a copy of a signed letter issued by the VA Office of Small and Disadvantaged Business Utilization approving the offeror's Mentor-Protégé Agreement.

(End of Clause)

2.11 VAAR 852.228-72 ASSISTING SERVICE-DISABLED VETERAN-OWNED AND VETERAN-OWNED SMALL BUSINESSES IN OBTAINING BONDS (DEC 2009)

Prime Contractors are encouraged to assist service-disabled veteran-owned and veteran-owned small business potential subcontractors in obtaining bonding, when required. Mentor firms are encouraged to assist protégé firms under VA's Mentor-Protégé Program in obtaining acceptable bid, payment, and performance bonds, when required, as a prime Contractor under a solicitation or contract and in obtaining any required bonds under subcontracts.

(End of Clause)

2.12 VAAR 852.233-70 PROTEST CONTENT/ALTERNATIVE DISPUTE RESOLUTION (JAN 2008)

(a) Any protest filed by an interested party shall:

(1) Include the name, address, fax number, and telephone number of the protester;

- (2) Identify the solicitation and/or contract number;
 - (3) Include an original signed by the protester or the protester's representative and at least one copy;
 - (4) Set forth a detailed statement of the legal and factual grounds of the protest, including a description of resulting prejudice to the protester, and provide copies of relevant documents;
 - (5) Specifically request a ruling of the individual upon whom the protest is served;
 - (6) State the form of relief requested; and
 - (7) Provide all information establishing the timeliness of the protest.
- (b) Failure to comply with the above may result in dismissal of the protest without further consideration.
- (c) Bidders/offerors and Contracting Officers are encouraged to use alternative dispute resolution (ADR) procedures to resolve protests at any stage in the protest process. If ADR is used, the Department of Veterans Affairs will not furnish any documentation in an ADR proceeding beyond what is allowed by the Federal Acquisition Regulation.

(End of Provision)

2.13 VAAR 852.233-71 ALTERNATE PROTEST PROCEDURE (JAN 1998)

As an alternative to filing a protest with the Contracting Officer, an interested party may file a protest with the Deputy Assistant Secretary for Acquisition and Materiel Management, Acquisition Administration Team, Department of Veterans Affairs, 810 Vermont Avenue, NW., Washington, DC 20420, or for solicitations issued by the Office of Construction and Facilities Management, the Director, Office of Construction and Facilities Management, 810 Vermont Avenue, NW., Washington, DC 20420. The protest will not be considered if the interested party has a protest on the same or similar issues pending with the Contracting Officer.

(End of Provision)

PLEASE NOTE: The correct mailing information for filing alternate protests is as follows:

Department of Veterans Affairs
Director, Office of Construction and Facilities Management
425 I St. NW, Room 6W104
Washington, DC 20001

2.14 VAAR 852.270-1 REPRESENTATIVES OF CONTRACTING OFFICERS (JAN 2008)

The Contracting Officer reserves the right to designate representatives to act for him/her in furnishing technical guidance and advice or generally monitor the work to be performed under this contract. Such designation will be in writing and will define the scope and limitation of the designee's authority. A copy of the designation shall be furnished to the Contractor.

(End of Provision)

**2.15 52.252-1 SOLICITATION PROVISIONS INCORPORATED BY REFERENCE
(FEB 1998)**

This solicitation incorporates one or more solicitation provisions by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. The offeror is cautioned that the listed provisions may include blocks that must be completed by the offeror and submitted with its quotation or offer. In lieu of submitting the full text of those provisions, the offeror may identify the provision by paragraph identifier and provide the appropriate information with its quotation or offer. Also, the full text of a solicitation provision may be accessed electronically at this/these address(es):

<http://www.acquisition.gov/far/index.html>

<http://www.va.gov/oamm/oa/ars/policyreg/vaar/index.cfm>

(End of Provision)

**2.16 52.215-1 INSTRUCTIONS TO OFFERORS--COMPETITIVE ACQUISITION
(JAN 2004)**

(a) Definitions. As used in this provision-

"Discussions" are negotiations that occur after establishment of the competitive range that may, at the Contracting Officer's discretion, result in the offeror being allowed to revise its proposal.

"In writing," "writing," or "written" means any worded or numbered expression that can be read, reproduced, and later communicated, and includes electronically transmitted and stored information.

"Proposal modification" is a change made to a proposal before the solicitation's closing date and time, or made in response to an amendment, or made to correct a mistake at any time before award.

"Proposal revision" is a change to a proposal made after the solicitation closing date, at the request of or as allowed by a Contracting Officer as the result of negotiations.

"Time," if stated as a number of days, is calculated using calendar days, unless otherwise specified, and will include Saturdays, Sundays, and legal holidays. However, if the last day falls on a Saturday, Sunday, or legal holiday, then the period shall include the next working day.

(b) Amendments to solicitations. If this solicitation is amended, all terms and conditions that are not amended remain unchanged. Offerors shall acknowledge receipt of any amendment to this solicitation by the date and time specified in the amendment(s).

(c) Submission, modification, revision, and withdrawal of proposals.

(1) Unless other methods (e.g., electronic commerce or facsimile) are permitted in the solicitation, proposals and modifications to proposals shall be submitted in paper media in sealed envelopes or packages (i) addressed to the office specified in the solicitation, and (ii) showing the time and date specified for receipt, the solicitation number, and the name and address of the offeror. Offerors using commercial carriers should ensure that the proposal is marked on the outermost wrapper with the information in paragraphs (c)(1)(i) and (c)(1)(ii) of this provision.

(2) The first page of the proposal must show-

(i) The solicitation number;

(ii) The name, address, and telephone and facsimile numbers of the offeror (and electronic address if available);

(iii) A statement specifying the extent of agreement with all terms, conditions, and provisions included in the solicitation and agreement to furnish any or all items upon which prices are offered at the price set opposite each item;

(iv) Names, titles, and telephone and facsimile numbers (and electronic addresses if available) of persons authorized to negotiate on the offeror's behalf with the Government in connection with this solicitation; and

(v) Name, title, and signature of person authorized to sign the proposal. Proposals signed by an agent shall be accompanied by evidence of that agent's authority, unless that evidence has been previously furnished to the issuing office.

(3) Submission, modification, revision, and withdrawal of proposals.

(i) Offerors are responsible for submitting proposals, and any modifications or revisions, so as to reach the Government office designated in the solicitation by the time specified in the solicitation. If no time is specified in the solicitation, the time for receipt is 4:30 p.m., local time, for the designated Government office on the date that proposal or revision is due.

(ii)(A) Any proposal, modification, or revision received at the Government office designated in the solicitation after the exact time specified for receipt of offers is "late" and will not be considered unless it is received before award is made, the Contracting Officer determines that accepting the late offer would not unduly delay the acquisition; and

(1) If it was transmitted through an electronic commerce method authorized by the solicitation, it was received at the initial point of entry to the Government infrastructure not later than 5:00 p.m. one working day prior to the date specified for receipt of proposals; or

(2) There is acceptable evidence to establish that it was received at the Government installation designated for receipt of offers and was under the Government's control prior to the time set for receipt of offers; or

(3) It is the only proposal received.

(B) However, a late modification of an otherwise successful proposal that makes its terms more favorable to the Government, will be considered at any time it is received and may be accepted.

(iii) Acceptable evidence to establish the time of receipt at the Government installation includes the time/date stamp of that installation on the proposal wrapper, other documentary evidence of receipt maintained by the installation, or oral testimony or statements of Government personnel.

(iv) If an emergency or unanticipated event interrupts normal Government processes so that proposals cannot be received at the office designated for receipt of proposals by the exact time specified in the solicitation, and urgent Government requirements preclude amendment of the solicitation, the time specified for receipt of proposals will be deemed to be extended to the same time of day specified in the solicitation on the first work day on which normal Government processes resume.

(v) Proposals may be withdrawn by written notice received at any time before award. Oral proposals in response to oral solicitations may be withdrawn orally. If the solicitation authorizes facsimile proposals, proposals may be withdrawn via facsimile received at any time before award, subject to the conditions specified in the provision at 52.215-5, Facsimile Proposals. Proposals may be withdrawn in person by an offeror or an authorized representative, if the identity of the person requesting withdrawal is established and the person signs a receipt for the proposal before award.

(4) Unless otherwise specified in the solicitation, the offeror may propose to provide any item or combination of items.

(5) Offerors shall submit proposals in response to this solicitation in English, unless otherwise permitted by the solicitation, and in U.S. dollars, unless the provision at FAR 52.225-17, Evaluation of Foreign Currency Offers, is included in the solicitation.

(6) Offerors may submit modifications to their proposals at any time before the solicitation closing date and time, and may submit modifications in response to an amendment, or to correct a mistake at any time before award.

(7) Offerors may submit revised proposals only if requested or allowed by the Contracting Officer.

(8) Proposals may be withdrawn at any time before award. Withdrawals are effective upon receipt of notice by the Contracting Officer.

(d) Offer expiration date. Proposals in response to this solicitation will be valid for the number of days specified on the solicitation cover sheet (unless a different period is proposed by the offeror).

(e) Restriction on disclosure and use of data. Offerors that include in their proposals data that they do not want disclosed to the public for any purpose, or used by the Government except for evaluation purposes, shall-

(1) Mark the title page with the following legend:

This proposal includes data that shall not be disclosed outside the Government and shall not be duplicated, used, or disclosed-in whole or in part-for any purpose other than to evaluate this proposal. If, however, a contract is awarded to this offeror as a result of-or in connection with- the submission of this data, the Government shall have the right to duplicate, use, or disclose the data to the extent provided in the resulting contract. This restriction does not limit the Government's right to use information contained in this data if it is obtained from another source without restriction. The data subject to this restriction are contained in sheets [insert numbers or other identification of sheets]; and

(2) Mark each sheet of data it wishes to restrict with the following legend:

Use or disclosure of data contained on this sheet is subject to the restriction on the title page of this proposal.

(f) Contract award.

(1) The Government intends to award a contract or contracts resulting from this solicitation to the responsible offeror(s) whose proposal(s) represents the best value after evaluation in accordance with the factors and subfactors in the solicitation.

(2) The Government may reject any or all proposals if such action is in the Government's interest.

(3) The Government may waive informalities and minor irregularities in proposals received.

(4) The Government intends to evaluate proposals and award a contract without discussions with offerors (except clarifications as described in FAR 15.306(a)). Therefore, the offeror's initial proposal should contain the offeror's best terms from a cost or price and technical standpoint. The Government reserves the right to conduct discussions if the Contracting Officer later determines them to be necessary. If the Contracting Officer determines that the number of proposals that would otherwise be in the competitive range exceeds the number at which an efficient competition can be conducted, the Contracting Officer may limit the number of proposals in the competitive range to the greatest number that will permit an efficient competition among the most highly rated proposals.

(5) The Government reserves the right to make an award on any item for a quantity less than the quantity offered, at the unit cost or prices offered, unless the offeror specifies otherwise in the proposal.

(6) The Government reserves the right to make multiple awards if, after considering the additional administrative costs, it is in the Government's best interest to do so.

(7) Exchanges with offerors after receipt of a proposal do not constitute a rejection or counteroffer by the Government.

(8) The Government may determine that a proposal is unacceptable if the prices proposed are materially unbalanced between line items or subline items. Unbalanced pricing exists when, despite an acceptable total evaluated price, the price of one or more contract line items is significantly overstated or understated as indicated by the application of cost or price analysis techniques. A proposal may be rejected if the Contracting Officer determines that the lack of balance poses an unacceptable risk to the Government.

(9) If a cost realism analysis is performed, cost realism may be considered by the source selection authority in evaluating performance or schedule risk.

(10) A written award or acceptance of proposal mailed or otherwise furnished to the successful offeror within the time specified in the proposal shall result in a binding contract without further action by either party.

(11) If a post-award debriefing is given to requesting offerors, the Government shall disclose the following information, if applicable:

(i) The agency's evaluation of the significant weak or deficient factors in the debriefed offeror's offer.

(ii) The overall evaluated cost or price and technical rating of the successful and the debriefed offeror and past performance information on the debriefed offeror.

(iii) The overall ranking of all offerors, when any ranking was developed by the agency during source selection.

(iv) A summary of the rationale for award.

(v) For acquisitions of commercial items, the make and model of the item to be delivered by the successful offeror.

(vi) Reasonable responses to relevant questions posed by the debriefed offeror as to whether source-selection procedures set forth in the solicitation, applicable regulations, and other applicable authorities were followed by the agency.

(End of Provision)

2.17 52.236-28 PREPARATION OF PROPOSALS--CONSTRUCTION (OCT 1997)

(a) Proposals must be (1) submitted on the forms furnished by the Government or on copies of those forms, and (2) manually signed. The person signing a proposal must initial each erasure or change appearing on any proposal form.

(b) The proposal form may require offerors to submit proposed prices for one or more items on various bases, including--

(1) Lump sum price;

(2) Alternate prices;

(3) Units of construction; or

(4) Any combination of paragraphs (b)(1) through (b)(3) of this provision.

(c) If the solicitation requires submission of a proposal on all items, failure to do so may result in the proposal being rejected without further consideration. If a proposal on all items is not required, offerors should insert the words "no proposal" in the space provided for any item on which no price is submitted.

(d) Alternate proposals will not be considered unless this solicitation authorizes their submission.

(End of Provision)

2.18 PARTNERING

(a) In order to most effectively accomplish this contract, the Government proposes to form a cohesive partnership with the Contractor and its subcontractors. This partnership would strive to draw on the strengths of each organization in an effort to achieve a quality project, done right the first time, within the budget and on schedule.

(b) This partnership will be totally voluntary. The focus of partnering is to build cooperative relationships with the private sector and avoid or minimize disputes and to nurture a more collaborative ethic characterized by trust, cooperation and teamwork. Partnering is defined as the creation of a relationship between the owner and Contractor that promotes mutual and beneficial goals. It is a non-contractual, but formally structured agreement between the parties. The ultimate goal is the elimination of the "us" versus "them" thinking, and formation of a "we" mentality for the benefit of the project.

(c) Any cost associated with effectuating this partnership will be agreed to by both parties and will be shared equally with no change in contract price.

REPRESENTATIONS AND CERTIFICATIONS

3.1 52.204-8 ANNUAL REPRESENTATIONS AND CERTIFICATIONS (MAR 2012)

(a)(1) The North American Industry Classification System (NAICS) code for this acquisition is 236220.

(2) The small business size standard is \$33.5 Million.

(3) The small business size standard for a concern which submits an offer in its own name, other than on a construction or service contract, but which proposes to furnish a product which it did not itself manufacture, is 500 employees.

(b)(1) If the clause at 52.204-7, Central Contractor Registration, is included in this solicitation, paragraph (d) of this provision applies.

(2) If the clause at 52.204-7 is not included in this solicitation, and the offeror is currently registered in CCR, and has completed the ORCA electronically, the offeror may choose to use paragraph (d) of this provision instead of completing the corresponding individual representations and certifications in the solicitation. The offeror shall indicate which option applies by checking one of the following boxes:

☐ (i) Paragraph (d) applies.

☐ (ii) Paragraph (d) does not apply and the offeror has completed the individual representations and certifications in the solicitation.

(c)(1) The following representations or certifications in ORCA are applicable to this solicitation as indicated:

(i) 52.203-2, Certificate of Independent Price Determination. This provision applies to solicitations when a firm-fixed-price contract or fixed-price contract with economic price adjustment is contemplated, unless--

(A) The acquisition is to be made under the simplified acquisition procedures in Part 13;

(B) The solicitation is a request for technical proposals under two-step sealed bidding procedures;
or

(C) The solicitation is for utility services for which rates are set by law or regulation.

(ii) 52.203-11, Certification and Disclosure Regarding Payments to Influence Certain Federal Transactions. This provision applies to solicitations expected to exceed \$150,000.

(iii) 52.204-3, Taxpayer Identification. This provision applies to solicitations that do not include the clause at 52.204-7, Central Contractor Registration.

(iv) 52.204-5, Women-Owned Business (Other Than Small Business). This provision applies to solicitations that--

(A) Are not set aside for small business concerns;

(B) Exceed the simplified acquisition threshold; and

(C) Are for contracts that will be performed in the United States or its outlying areas.

(v) 52.209-2, Prohibition on Contracting with Inverted Domestic Corporations--Representation. This provision applies to solicitations using funds appropriated in fiscal years 2008, 2009, or 2010.

(vi) 52.209-5, Certification Regarding Responsibility Matters. This provision applies to solicitations where the contract value is expected to exceed the simplified acquisition threshold.

(vii) 52.214-14, Place of Performance--Sealed Bidding. This provision applies to invitations for bids except those in which the place of performance is specified by the Government.

(viii) 52.215-6, Place of Performance. This provision applies to solicitations unless the place of performance is specified by the Government.

(ix) 52.219-1, Small Business Program Representations (Basic & Alternate I). This provision applies to solicitations when the contract will be performed in the United States or its outlying areas.

(A) The basic provision applies when the solicitations are issued by other than DoD, NASA, and the Coast Guard.

(B) The provision with its Alternate I applies to solicitations issued by DoD, NASA, or the Coast Guard.

(x) 52.219-2, Equal Low Bids. This provision applies to solicitations when contracting by sealed bidding and the contract will be performed in the United States or its outlying areas.

(xi) 52.222-22, Previous Contracts and Compliance Reports. This provision applies to solicitations that include the clause at 52.222-26, Equal Opportunity.

(xii) 52.222-25, Affirmative Action Compliance. This provision applies to solicitations, other than those for construction, when the solicitation includes the clause at 52.222-26, Equal Opportunity.

(xiii) 52.222-38, Compliance with Veterans' Employment Reporting Requirements. This provision applies to solicitations when it is anticipated the contract award will exceed the simplified acquisition threshold and the contract is not for acquisition of commercial items.

(xiv) 52.223-1, Biobased Product Certification. This provision applies to solicitations that require the delivery or specify the use of USDA-designated items; or include the clause at 52.223-2, Affirmative Procurement of Biobased Products Under Service and Construction Contracts.

(xv) 52.223-4, Recovered Material Certification. This provision applies to solicitations that are for, or specify the use of, EPA-designated items.

(xvi) 52.225-2, Buy American Act Certificate. This provision applies to solicitations containing the clause at 52.225-1.

(xvii) 52.225-4, Buy American Act--Free Trade Agreements--Israeli Trade Act Certificate. (Basic, Alternates I, II, and III.) This provision applies to solicitations containing the clause at 52.225-3.

(A) If the acquisition value is less than \$25,000, the basic provision applies.

(B) If the acquisition value is \$25,000 or more but is less than \$50,000, the provision with its Alternate I applies.

(C) If the acquisition value is \$50,000 or more but is less than \$77,494, the provision with its Alternate II applies.

(D) If the acquisition value is \$77,494 or more but is less than \$100,000, the provision with its Alternate III applies.

(xviii) 52.225-6, Trade Agreements Certificate. This provision applies to solicitations containing the clause at 52.225-5.

(xix) 52.225-20, Prohibition on Conducting Restricted Business Operations in Sudan--Certification. This provision applies to all solicitations.

(xx) 52.225-25, Prohibition on Contracting with Entities Engaging in Sanctioned Activities Relating to Iran--Representation and Certification. This provision applies to all solicitations.

(xxi) 52.226-2, Historically Black College or University and Minority Institution Representation. This provision applies to--

(A) Solicitations for research, studies, supplies, or services of the type normally acquired from higher educational institutions; and

(B) For DoD, NASA, and Coast Guard acquisitions, solicitations that contain the clause at 52.219-23, Notice of Price Evaluation Adjustment for Small Disadvantaged Business Concerns.

(2) The following certifications are applicable as indicated by the Contracting Officer:

[N/A] (i) 52.219-22, Small Disadvantaged Business Status.

[] (A) Basic.

[] (B) Alternate I.

[N/A] (ii) 52.222-18, Certification Regarding Knowledge of Child Labor for Listed End Products.

[N/A] (iii) 52.222-48, Exemption from Application of the Service Contract Act to Contracts for Maintenance, Calibration, or Repair of Certain Equipment Certification.

[N/A] (iv) 52.222-52 Exemption from Application of the Service Contract Act to Contracts for Certain Services--Certification.

[X] (v) 52.223-9, with its Alternate I, Estimate of Percentage of Recovered Material Content for EPA-Designated Products (Alternate I only).

[N/A] (vi) 52.227-6, Royalty Information.

[] (A) Basic.

[] (B) Alternate I.

[N/A] (vii) 52.227-15, Representation of Limited Rights Data and Restricted Computer Software.

(d) The offeror has completed the annual representations and certifications electronically via the Online Representations and Certifications Application (ORCA) website accessed through <https://www.acquisition.gov>. After reviewing the ORCA database information, the offeror verifies by submission of the offer that the representations and certifications currently posted electronically that apply to this solicitation as indicated in paragraph (c) of this provision have been entered or updated within the last 12 months, are current, accurate, complete, and applicable to this solicitation (including the business size standard applicable to the NAICS code referenced for this solicitation), as of the date of this offer and are incorporated in this offer by reference (see FAR 4.1201); except for the changes identified below [offeror to insert changes, identifying change by clause number, title, date]. These amended representation(s) and/or certification(s) are also incorporated in this offer and are current, accurate, and complete as of the date of this offer.

FAR Clause #	Title	Date	Change
-----	-----	-----	-----

Any changes provided by the offeror are applicable to this solicitation only, and do not result in an update to the representations and certifications posted on ORCA.

(End of Provision)

3.2 52.209-7 INFORMATION REGARDING RESPONSIBILITY MATTERS (FEB 2012)

(a) Definitions. As used in this provision--

"Administrative proceeding" means a non-judicial process that is adjudicatory in nature in order to make a determination of fault or liability (e.g., Securities and Exchange Commission Administrative Proceedings, Civilian Board of Contract Appeals Proceedings, and Armed Services Board of Contract Appeals Proceedings). This includes administrative proceedings at the Federal and State level but only in connection with performance of a Federal contract or grant. It does not include agency actions such as contract audits, site visits, corrective plans, or inspection of deliverables.

"Federal contracts and grants with total value greater than \$10,000,000" means--

(1) The total value of all current, active contracts and grants, including all priced options; and

(2) The total value of all current, active orders including all priced options under indefinite-delivery, indefinite-quantity, 8(a), or requirements contracts (including task and delivery and multiple-award Schedules).

"Principal" means an officer, director, owner, partner, or a person having primary management or supervisory responsibilities within a business entity (e.g., general manager; plant manager; head of a division or business segment; and similar positions).

(b) The offeror [] has [] does not have current active Federal contracts and grants with total value greater than \$10,000,000.

(c) If the offeror checked "has" in paragraph (b) of this provision, the offeror represents, by submission of this offer, that the information it has entered in the Federal Awardee Performance and Integrity Information System (FAPIS) is current, accurate, and complete as of the date of submission of this offer with regard to the following information:

(1) Whether the offeror, and/or any of its principals, has or has not, within the last five years, in connection with the award to or performance by the offeror of a Federal contract or grant, been the subject of a proceeding, at the Federal or State level that resulted in any of the following dispositions:

(i) In a criminal proceeding, a conviction.

(ii) In a civil proceeding, a finding of fault and liability that results in the payment of a monetary fine, penalty, reimbursement, restitution, or damages of \$5,000 or more.

(iii) In an administrative proceeding, a finding of fault and liability that results in--

(A) The payment of a monetary fine or penalty of \$5,000 or more; or

(B) The payment of a reimbursement, restitution, or damages in excess of \$100,000.

(iv) In a criminal, civil, or administrative proceeding, a disposition of the matter by consent or compromise with an acknowledgment of fault by the Contractor if the proceeding could have led to any of the outcomes specified in paragraphs (c)(1)(i), (c)(1)(ii), or (c)(1)(iii) of this provision.

(2) If the offeror has been involved in the last five years in any of the occurrences listed in (c)(1) of this provision, whether the offeror has provided the requested information with regard to each occurrence.

(d) The offeror shall post the information in paragraphs (c)(1)(i) through (c)(1)(iv) of this provision in FAPIS as required through maintaining an active registration in the Central Contractor Registration database via <https://www.acquisition.gov> (see 52.204-7).

(End of Provision)

GENERAL CONDITIONS

4.1 52.209-9 UPDATES OF PUBLICLY AVAILABLE INFORMATION REGARDING RESPONSIBILITY MATTERS (FEB 2012)

(a) The Contractor shall update the information in the Federal Awardee Performance and Integrity Information System (FAPIS) on a semi-annual basis, throughout the life of the contract, by posting the required information in the Central Contractor Registration database via <https://www.acquisition.gov>.

(b) As required by section 3010 of the Supplemental Appropriations Act, 2010 (Pub. L. 111-212), all information posted in FAPIS on or after April 15, 2011, except past performance reviews, will be publicly available. FAPIS consists of two segments--

(1) The non-public segment, into which Government officials and the Contractor post information, which can only be viewed by--

(i) Government personnel and authorized users performing business on behalf of the Government; or

(ii) The Contractor, when viewing data on itself; and

(2) The publicly-available segment, to which all data in the non-public segment of FAPIS is automatically transferred after a waiting period of 14 calendar days, except for--

(i) Past performance reviews required by subpart 42.15;

(ii) Information that was entered prior to April 15, 2011; or

(iii) Information that is withdrawn during the 14-calendar-day waiting period by the Government official who posted it in accordance with paragraph (c)(1) of this clause.

(c) The Contractor will receive notification when the Government posts new information to the Contractor's record.

(1) If the Contractor asserts in writing within 7 calendar days, to the Government official who posted the information, that some of the information posted to the nonpublic segment of FAPIS is covered by a disclosure exemption under the Freedom of Information Act, the Government official who posted the information must within 7 calendar days remove the posting from FAPIS and resolve the issue in accordance with agency Freedom of Information procedures, prior to reposting the releasable information. The Contractor must cite 52.209-9 and request removal within 7 calendar days of the posting to FAPIS.

(2) The Contractor will also have an opportunity to post comments regarding information that has been posted by the Government. The comments will be retained as long as the associated information is retained, i.e., for a total period of 6 years. Contractor comments will remain a part of the record unless the Contractor revises them.

(3) As required by section 3010 of Pub. L. 111-212, all information posted in FAPIS on or after April 15, 2011, except past performance reviews, will be publicly available.

(d) Public requests for system information posted prior to April 15, 2011, will be handled under Freedom of Information Act procedures, including, where appropriate, procedures promulgated under E.O. 12600.

(End of Clause)

4.2 52.211-10 COMMENCEMENT, PROSECUTION, AND COMPLETION OF WORK (APR 1984) ALTERNATE I (APR 1984)

The Contractor shall be required to (a) commence work under this contract within ten (10) calendar days after the date the Contractor receives the notice to proceed, (b) prosecute the work diligently, and (c) complete the entire work ready for use not later than 1095 calendar days. The time stated for completion shall include final cleanup of the premises.

The completion date is based on the assumption that the successful offeror will receive the notice to proceed within 30 calendar days of contract award. The completion date will be extended by the number of calendar days after the above date that the Contractor receives the notice to proceed, except to the extent that the delay in issuance of the notice to proceed results from the failure of the Contractor to execute the contract and give the required performance and payment bonds within the time specified in the offer.

(End of Clause)

4.3 52.211-12 LIQUIDATED DAMAGES--CONSTRUCTION (SEPT 2000)

(a) If the Contractor fails to complete each separate part or stage of the work within the time specified in the contract for that part or stage, or any extension, the Contractor shall pay to the Government as liquidated damages the following amounts:

PART OR STAGE OF THE WORK

LIQUIDATED DAMAGES
FOR EACH DAY OF DELAY
\$2,287.00

(b) If the Government terminates the Contractor's right to proceed, liquidated damages will continue to accrue until the work is completed. These liquidated damages are in addition to excess costs of repurchase under the Termination clause.

(End of Clause)

4.4 52.219-28 POST-AWARD SMALL BUSINESS PROGRAM REREPRESENTATION (APR 2009)

(a) Definitions. As used in this clause-

Long-term contract means a contract of more than five years in duration, including options. However, the term does not include contracts that exceed five years in duration because the period of performance has been extended for a cumulative period not to exceed six months under the clause at 52.217-8, Option to Extend Services, or other appropriate authority.

Small business concern means a concern, including its affiliates, that is independently owned and operated, not dominant in the field of operation in which it is bidding on Government contracts, and qualified as a small business under the criteria in 13 CFR part 121 and the size standard in paragraph (c) of this clause. Such a concern is "not dominant in its field of operation" when it does not exercise a controlling or major influence on a national basis in a kind of business activity in which a number of business concerns are primarily engaged. In determining whether dominance exists, consideration shall be given to all appropriate factors, including volume of business, number of employees, financial resources, competitive status or position, ownership or control of materials, processes, patents, license agreements, facilities, sales territory, and nature of business activity.

(b) If the Contractor represented that it was a small business concern prior to award of this contract, the Contractor shall rerepresent its size status according to paragraph (e) of this clause or, if applicable, paragraph (g) of this clause, upon the occurrence of any of the following:

(1) Within 30 days after execution of a novation agreement or within 30 days after modification of the contract to include this clause, if the novation agreement was executed prior to inclusion of this clause in the contract.

(2) Within 30 days after a merger or acquisition that does not require a novation or within 30 days after modification of the contract to include this clause, if the merger or acquisition occurred prior to inclusion of this clause in the contract.

(3) For long-term contracts-

(i) Within 60 to 120 days prior to the end of the fifth year of the contract; and

(ii) Within 60 to 120 days prior to the date specified in the contract for exercising any option thereafter.

(c) The Contractor shall rerepresent its size status in accordance with the size standard in effect at the time of this rerepresentation that corresponds to the North American Industry Classification System (NAICS) code assigned to this contract. The small business size standard corresponding to this NAICS code can be found at <http://www.sba.gov/services/contractingopportunities/sizestandardstopics/>.

(d) The small business size standard for a Contractor providing a product which it does not manufacture itself, for a contract other than a construction or service contract, is 500 employees.

(e) Except as provided in paragraph (g) of this clause, the Contractor shall make the rerepresentation required by paragraph (b) of this clause by validating or updating all its representations in the Online Representations and Certifications Application and its data in the Central Contractor Registration, as necessary, to ensure that they reflect the Contractor's current status. The Contractor shall notify the

contracting office in writing within the timeframes specified in paragraph (b) of this clause that the data have been validated or updated, and provide the date of the validation or update.

(f) If the Contractor represented that it was other than a small business concern prior to award of this contract, the Contractor may, but is not required to, take the actions required by paragraphs (e) or (g) of this clause.

(g) If the Contractor does not have representations and certifications in ORCA, or does not have a representation in ORCA for the NAICS code applicable to this contract, the Contractor is required to complete the following rerepresentation and submit it to the contracting office, along with the contract number and the date on which the rerepresentation was completed:

The Contractor represents that it [] is, [] is not a small business concern under NAICS Code 236220 assigned to contract number .

[Contractor to sign and date and insert authorized signer's name and title].

(End of Clause)

4.5 52.222-40 NOTIFICATION OF EMPLOYEE RIGHTS UNDER THE NATIONAL LABOR RELATIONS ACT (DEC 2010)

(a) During the term of this contract, the Contractor shall post an employee notice, of such size and in such form, and containing such content as prescribed by the Secretary of Labor, in conspicuous places in and about its plants and offices where employees covered by the National Labor Relations Act engage in activities relating to the performance of the contract, including all places where notices to employees are customarily posted both physically and electronically, in the languages employees speak, in accordance with 29 CFR 471.2(d) and (f).

(1) Physical posting of the employee notice shall be in conspicuous places in and about the Contractor's plants and offices so that the notice is prominent and readily seen by employees who are covered by the National Labor Relations Act and engage in activities related to the performance of the contract.

(2) If the Contractor customarily posts notices to employees electronically, then the Contractor shall also post the required notice electronically by displaying prominently, on any Web site that is maintained by the Contractor and is customarily used for notices to employees about terms and conditions of employment, a link to the Department of Labor's Web site that contains the full text of the poster. The link to the Department's Web site, as referenced in (b)(3) of this section, must read, "Important Notice about Employee Rights to Organize and Bargain Collectively with Their Employers."

(b) This required employee notice, printed by the Department of Labor, may be

(1) Obtained from the Division of Interpretations and Standards, Office of Labor-Management Standards, U.S. Department of Labor, 200 Constitution Avenue, NW., Room N-5609, Washington, DC 20210, (202) 693-0123, or from any field office of the Office of Labor-Management Standards or Office of Federal Contract Compliance Programs;

(2) Provided by the Federal contracting agency if requested;

(3) Downloaded from the Office of Labor-Management Standards Web site at <http://www.dol.gov/olms/regs/compliance/EO13496.htm>; or

(4) Reproduced and used as exact duplicate copies of the Department of Labor's official poster.

(c) The required text of the employee notice referred to in this clause is located at Appendix A, Subpart A, 29 CFR Part 471.

(d) The Contractor shall comply with all provisions of the employee notice and related rules, regulations, and orders of the Secretary of Labor.

(e) In the event that the Contractor does not comply with the requirements set forth in paragraphs (a) through (d) of this clause, this contract may be terminated or suspended in whole or in part, and the Contractor may be suspended or debarred in accordance with 29 CFR 471.14 and subpart 9.4. Such other sanctions or remedies may be imposed as are provided by 29 CFR part 471, which implements Executive Order 13496 or as otherwise provided by law.

(f) Subcontracts.

(1) The Contractor shall include the substance of this clause, including this paragraph (f), in every subcontract that exceeds \$10,000 and will be performed wholly or partially in the United States, unless exempted by the rules, regulations, or orders of the Secretary of Labor issued pursuant to section 3 of Executive Order 13496 of January 30, 2009, so that such provisions will be binding upon each subcontractor.

(2) The Contractor shall not procure supplies or services in a way designed to avoid the applicability of Executive Order 13496 or this clause.

(3) The Contractor shall take such action with respect to any such subcontract as may be directed by the Secretary of Labor as a means of enforcing such provisions, including the imposition of sanctions for noncompliance.

(4) However, if the Contractor becomes involved in litigation with a subcontractor, or is threatened with such involvement, as a result of such direction, the Contractor may request the United States, through the Secretary of Labor, to enter into such litigation to protect the interests of the United States.

(End of Clause)

4.6 52.223-15 ENERGY EFFICIENCY IN ENERGY-CONSUMING PRODUCTS (DEC 2007)

(a) Definition. As used in this clause--

"Energy-efficient product"--

(1) Means a product that--

(i) Meets Department of Energy and Environmental Protection Agency criteria for use of the Energy Star trademark label; or

(ii) Is in the upper 25 percent of efficiency for all similar products as designated by the Department of Energy's Federal Energy Management Program.

(2) The term "product" does not include any energy-consuming product or system designed or procured for combat or combat-related missions (42 U.S.C. 8259b).

(b) The Contractor shall ensure that energy-consuming products are energy efficient products (i.e., ENERGY STAR products or FEMP-designated products) at the time of contract award, for products that are--

(1) Delivered;

(2) Acquired by the Contractor for use in performing services at a Federally-controlled facility;

(3) Furnished by the Contractor for use by the Government; or

(4) Specified in the design of a building or work, or incorporated during its construction, renovation, or maintenance.

(c) The requirements of paragraph (b) apply to the Contractor (including any subcontractor) unless--

(1) The energy-consuming product is not listed in the ENERGY STAR Program or FEMP; or

(2) Otherwise approved in writing by the Contracting Officer.

(d) Information about these products is available for--

(1) ENERGY STAR at <http://www.energystar.gov/products>; and

(2) FEMP at http://www1.eere.energy.gov/femp/procurement/ eep_requirements.html

(End of Clause)

4.7 52.225-11 BUY AMERICAN ACT--CONSTRUCTION MATERIALS UNDER TRADE AGREEMENTS (MAR 2012)

(a) Definitions. As used in this clause--

"Caribbean Basin country construction material" means a construction material that--

(1) Is wholly the growth, product, or manufacture of a Caribbean Basin country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a Caribbean Basin country into a new and different construction material distinct from the materials from which it was transformed.

"Commercially available off-the-shelf (COTS) item"-- (1) Means any item of supply (including construction material) that is--

- (i) A commercial item (as defined in paragraph (1) of the definition at FAR 2.101);
 - (ii) Sold in substantial quantities in the commercial marketplace; and
 - (iii) Offered to the Government, under a contract or subcontract at any tier, without modification, in the same form in which it is sold in the commercial marketplace; and
- (2) Does not include bulk cargo, as defined in section 3 of the Shipping Act of 1984 (46 U.S.C. App. 1702), such as agricultural products and petroleum products.

"Component" means an article, material, or supply incorporated directly into a construction material.

"Construction material" means an article, material, or supply brought to the construction site by the Contractor or subcontractor for incorporation into the building or work. The term also includes an item brought to the site preassembled from articles, materials, or supplies. However, emergency life safety systems, such as emergency lighting, fire alarm, and audio evacuation systems, that are discrete systems incorporated into a public building or work and that are produced as complete systems, are evaluated as a single and distinct construction material regardless of when or how the individual parts or components of those systems are delivered to the construction site. Materials purchased directly by the Government are supplies, not construction material.

"Cost of components" means--

(1) For components purchased by the Contractor, the acquisition cost, including transportation costs to the place of incorporation into the construction material (whether or not such costs are paid to a domestic firm), and any applicable duty (whether or not a duty-free entry certificate is issued); or

(2) For components manufactured by the Contractor, all costs associated with the manufacture of the component, including transportation costs as described in paragraph (1) of this definition, plus allocable overhead costs, but excluding profit. Cost of components does not include any costs associated with the manufacture of the construction material.

"Designated country" means any of the following countries:

(1) A World Trade Organization Government Procurement Agreement country (Armenia, Aruba, Austria, Belgium, Bulgaria, Canada, Cyprus, Czech Republic, Denmark, Estonia, Finland, France, Germany, Greece, Hong Kong, Hungary, Iceland, Ireland, Israel, Italy, Japan, Korea (Republic of), Latvia, Liechtenstein, Lithuania, Luxembourg, Malta, Netherlands, Norway, Poland, Portugal, Romania, Singapore, Slovak Republic, Slovenia, Spain, Sweden, Switzerland, Taiwan, or United Kingdom);

(2) A Free Trade Agreement country (Australia, Bahrain, Canada, Chile, Costa Rica, Dominican Republic, El Salvador, Guatemala, Honduras, Korea (Republic of), Mexico, Morocco, Nicaragua, Oman, Peru, or Singapore);

(3) A least developed country (Afghanistan, Angola, Bangladesh, Benin, Bhutan, Burkina Faso, Burundi, Cambodia, Central African Republic, Chad, Comoros, Democratic Republic of Congo, Djibouti, East Timor, Equatorial Guinea, Eritrea, Ethiopia, Gambia, Guinea, Guinea-Bissau, Haiti, Kiribati, Laos, Lesotho, Liberia, Madagascar, Malawi, Maldives, Mali, Mauritania, Mozambique, Nepal, Niger, Rwanda, Samoa, Sao Tome and Principe, Senegal, Sierra Leone, Solomon Islands, Somalia, Tanzania, Togo, Tuvalu, Uganda, Vanuatu, Yemen, or Zambia); or

(4) A Caribbean Basin country (Antigua and Barbuda, Aruba, Bahamas, Barbados, Belize, Bonaire, British Virgin Islands, Curacao, Dominica, Grenada, Guyana, Haiti, Jamaica, Montserrat, Saba, St. Kitts and Nevis, St. Lucia, St. Vincent and the Grenadines, Sint Eustatius, Sint Maarten, or Trinidad and Tobago).

"Designated country construction material" means a construction material that is a WTO GPA country construction material, an FTA country construction material, a least developed country construction material, or a Caribbean Basin country construction material.

"Domestic construction material" means--

(1) An unmanufactured construction material mined or produced in the United States;

(2) A construction material manufactured in the United States, if--

(i) The cost of its components mined, produced, or manufactured in the United States exceeds 50 percent of the cost of all its components. Components of foreign origin of the same class or kind for which nonavailability determinations have been made are treated as domestic; or

(ii) The construction material is a COTS item.

"Foreign construction material" means a construction material other than a domestic construction material.

"Free Trade Agreement country construction material" means a construction material that--

(1) Is wholly the growth, product, or manufacture of a Free Trade Agreement (FTA) country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a FTA country into a new and different construction material distinct from the materials from which it was transformed.

"Least developed country construction material" means a construction material that--

(1) Is wholly the growth, product, or manufacture of a least developed country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a least developed country into a new and different construction material distinct from the materials from which it was transformed.

"United States" means the 50 States, the District of Columbia, and outlying areas.

"WTO GPA country construction material" means a construction material that--

(1) Is wholly the growth, product, or manufacture of a WTO GPA country; or

(2) In the case of a construction material that consists in whole or in part of materials from another country, has been substantially transformed in a WTO GPA country into a new and different construction material distinct from the materials from which it was transformed.

(b) Construction materials.

(1) This clause implements the Buy American Act (41 U.S.C. chapter 83) by providing a preference for domestic construction material. In accordance with 41 U.S.C. 1907, the component test of the Buy American Act is waived for construction material that is a COTS item (See FAR 12.505(a)(2)). In addition, the Contracting Officer has determined that the WTO GPA and Free Trade Agreements (FTAs) apply to this acquisition. Therefore, the Buy American Act restrictions are waived for designated county construction materials.

(2) The Contractor shall use only domestic or designated country construction material in performing this contract, except as provided in paragraphs (b)(3) and (b)(4) of this clause.

(3) The requirement in paragraph (b)(2) of this clause does not apply to information technology that is a commercial item or to the construction materials or components listed by the Government as follows:

Lead Glass

(4) The Contracting Officer may add other foreign construction material to the list in paragraph (b)(3) of this clause if the Government determines that--

(i) The cost of domestic construction material would be unreasonable. The cost of a particular domestic construction material subject to the restrictions of the Buy American Act is unreasonable when the cost of such material exceeds the cost of foreign material by more than 6 percent;

(ii) The application of the restriction of the Buy American Act to a particular construction material would be impracticable or inconsistent with the public interest; or

(iii) The construction material is not mined, produced, or manufactured in the United States in sufficient and reasonably available commercial quantities of a satisfactory quality.

(c) Request for determination of inapplicability of the Buy American Act.

(1)(i) Any Contractor request to use foreign construction material in accordance with paragraph (b)(4) of this clause shall include adequate information for Government evaluation of the request, including--

(A) A description of the foreign and domestic construction materials;

(B) Unit of measure;

(C) Quantity;

(D) Price;

(E) Time of delivery or availability;

(F) Location of the construction project;

(G) Name and address of the proposed supplier; and

(H) A detailed justification of the reason for use of foreign construction materials cited in accordance with paragraph (b)(3) of this clause.

(ii) A request based on unreasonable cost shall include a reasonable survey of the market and a completed price comparison table in the format in paragraph (d) of this clause.

(iii) The price of construction material shall include all delivery costs to the construction site and any applicable duty (whether or not a duty-free certificate may be issued).

(iv) Any Contractor request for a determination submitted after contract award shall explain why the Contractor could not reasonably foresee the need for such determination and could not have requested the determination before contract award. If the Contractor does not submit a satisfactory explanation, the Contracting Officer need not make a determination.

(2) If the Government determines after contract award that an exception to the Buy American Act applies and the Contracting Officer and the Contractor negotiate adequate consideration, the Contracting Officer will modify the contract to allow use of the foreign construction material. However, when the basis for the exception is the unreasonable price of a domestic construction material, adequate consideration is not less than the differential established in paragraph (b)(4)(i) of this clause.

(3) Unless the Government determines that an exception to the Buy American Act applies, use of foreign construction material is noncompliant with the Buy American Act.

(d) Data. To permit evaluation of requests under paragraph (c) of this clause based on unreasonable cost, the Contractor shall include the following information and any applicable supporting data based on the survey of suppliers:

Foreign and Domestic Construction Materials Price Comparison

Unit of Price	Construction material description	Measure	Quantity	(dollars)
Item 1:				
	Foreign construction material	.....	.....	.....
	Domestic construction material	.....	.....	.....
Item 2:				
	Foreign construction material	.....	.....	.....
	Domestic construction material	.....	.....	.....

Include all delivery costs to the construction site and any applicable duty (whether or not a duty-free entry certificate is issued). List name, address, telephone number, and contact for suppliers surveyed. Attach copy of response; if oral, attach summary. Include other applicable supporting information.

(End of Clause)

4.8 52.228-5 INSURANCE - WORK ON A GOVERNMENT INSTALLATION (JAN 1997)

(a) The Contractor shall, at its own expense, provide and maintain during the entire performance of this contract, at least the kinds and minimum amounts of insurance required in the Schedule or elsewhere in the contract.

(b) Before commencing work under this contract, the Contractor shall notify the Contracting Officer in writing that the required insurance has been obtained. The policies evidencing required insurance shall contain an endorsement to the effect that any cancellation or any material change adversely affecting the Government's interest shall not be effective--

(1) For such period as the laws of the State in which this contract is to be performed prescribe; or

(2) Until 30 days after the insurer or the Contractor gives written notice to the Contracting Officer, whichever period is longer.

(c) The Contractor shall insert the substance of this clause, including this paragraph (c), in subcontracts under this contract that require work on a Government installation and shall require subcontractors to provide and maintain the insurance required in the Schedule or elsewhere in the contract. The Contractor shall maintain a copy of all subcontractors' proofs of required insurance, and shall make copies available to the Contracting Officer upon request.

(End of Clause)

4.9 SUPPLEMENTAL INSURANCE REQUIREMENTS

In accordance with FAR 28.307-2 and FAR 52.228-5, the following minimum coverage shall apply to this contract:

(a) Workers' compensation and employers liability: Contractors are required to comply with applicable Federal and State workers' compensation and occupational disease statutes. If occupational diseases are not compensable under those statutes, they shall be covered under the employer's liability section of the insurance policy, except when contract operations are so commingled with a Contractor's commercial operations that it would not be practical to require this coverage. Employer's liability coverage of at least \$100,000 is required, except in States with exclusive or monopolistic funds that do not permit workers' compensation to be written by private carriers.

(b) General Liability: \$500,000.00 per occurrence.

(c) Automobile liability: \$200,000.00 per person; \$500,000.00 per occurrence and \$20,000.00 property damage.

(d) The successful bidder must present to the Contracting Officer, prior to award, evidence of general liability insurance without any exclusionary clauses for asbestos that would void the general liability coverage.

(End of Clause)

4.10 52.236-1 PERFORMANCE OF WORK BY THE CONTRACTOR (APR 1984)

The Contractor shall perform on the site, and with its own organization, work equivalent to at least fifteen (15) percent of the total amount of work to be performed under the contract. This percentage may be reduced by a supplemental agreement to this contract if, during performing the work, the Contractor requests a reduction and the Contracting Officer determines that the reduction would be to the advantage of the Government.

(End of Clause)

4.11 52.236-4 PHYSICAL DATA (APR 1984)

Data and information furnished or referred to below is for the Contractor's information. The Government shall not be responsible for any interpretation of or conclusion drawn from the data or information by the Contractor.

(a) The indications of physical conditions on the drawings and in the specifications are the result of site investigations by:

(b) Weather Conditions:

(c) Transportation Facilities

(d) Other Physical Data – See attachments.

(End of Clause)

4.12 52.236-21 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (FEB 1997) ALTERNATE II (APR 1984)

(a) The Contractor shall keep on the work site a copy of the drawings and specifications and shall at all times give the Contracting Officer access thereto. Anything mentioned in the specifications and not shown on the drawings, or shown on the drawings and not mentioned in the specifications, shall be of like effect as if shown or mentioned in both. In case of difference between drawings and specifications, the specifications shall govern. In case of discrepancy in figures, in the drawings, or in the specifications, the matter shall be promptly submitted to the Contracting Officer, who shall promptly make a determination in writing. Any adjustment by the Contractor without such a determination shall be at its own risk and expense. The Contracting Officer shall furnish from time to time such detailed drawings and other information as considered necessary, unless otherwise provided.

(b) Wherever in the specifications or upon the drawings the words "directed," "required," "ordered," "designated," "prescribed," or words of like import are used, it shall be understood that the "direction," "requirement," "order," "designation," or "prescription," of the Contracting Officer is intended and similarly the words "approved," "acceptable," "satisfactory," or words of like import shall mean "approved by," or "acceptable to," or "satisfactory to" the Contracting Officer, unless otherwise expressly stated.

(c) Where "as shown," "as indicated," "as detailed," or words of similar import are used, it shall be understood that the reference is made to the drawings accompanying this contract unless stated otherwise. The word "provided" as used herein shall be understood to mean "provide complete in place," that is "furnished and installed."

(d) Shop drawings means drawings, submitted to the Government by the Contractor, subcontractor, or any lower tier subcontractor pursuant to a construction contract, showing in detail (1) the proposed fabrication and assembly of structural elements and (2) the installation (i.e., form, fit, and attachment details) of materials of equipment. It includes drawings, diagrams, layouts, schematics, descriptive literature, illustrations, schedules, performance and test data, and similar materials furnished by the Contractor to explain in detail specific portions of the work required by the contract. The Government may duplicate, use, and disclose in any manner and for any purpose shop drawings delivered under this contract.

(e) If this contract requires shop drawings, the Contractor shall coordinate all such drawings, and review them for accuracy, completeness, and compliance with contract requirements and shall indicate its approval thereon as evidence of such coordination and review. Shop drawings submitted to the Contracting Officer without evidence of the Contractor's approval may be returned for resubmission. The Contracting Officer will indicate an approval or disapproval of the shop drawings and if not approved as submitted shall indicate the Government's reasons therefor. Any work done before such approval shall be at the Contractor's risk. Approval by the Contracting Officer shall not relieve the Contractor from responsibility for any errors or omissions in such drawings, nor from responsibility for complying with the requirements of this contract, except with respect to variations described and approved in accordance with (f) below.

(f) If shop drawings show variations from the contract requirements, the Contractor shall describe such variations in writing, separate from the drawings, at the time of submission. If the Contracting Officer approves any such variation, the Contracting Officer shall issue an appropriate contract modification, except that, if the variation is minor or does not involve a change in price or in time of performance, a modification need not be issued.

(g) The Contractor shall submit to the Contracting Officer for approval four copies and an electronic copy (unless otherwise indicated) of all shop drawings as called for under the various headings of these specifications. Three sets and an electronic set (unless otherwise indicated) of all shop drawings, will be retained by the Contracting Officer and one set will be returned to the Contractor. Upon completing the work under this contract, the Contractor shall furnish two (2) sets of prints of all shop drawings as finally approved. These drawings shall show changes and revisions made up to the time the equipment is completed and accepted.

(End of Clause)

4.13 VAAR 852.203-70 COMMERCIAL ADVERTISING (JAN 2008)

The bidder or offeror agrees that if a contract is awarded to him/her, as a result of this solicitation, he/she will not advertise the award of the contract in his/her commercial advertising in such a manner as to state or imply that the Department of Veterans Affairs endorses a product, project or commercial line of endeavor.

(End of Clause)

4.14 VAAR 852.203-71 DISPLAY OF DEPARTMENT OF VETERAN AFFAIRS HOTLINE POSTER (DEC 1992)

(a) Except as provided in paragraph (c) below, the Contractor shall display prominently, in common work areas within business segments performing work under VA contracts, Department of Veterans Affairs Hotline posters prepared by the VA Office of Inspector General.

(b) Department of Veterans Affairs Hotline posters may be obtained from the VA Office of Inspector General (53E), P.O. Box 34647, Washington, DC 20043-4647.

(c) The Contractor need not comply with paragraph (a) above if the Contractor has established a mechanism, such as a hotline, by which employees may report suspected instances of improper conduct, and instructions that encourage employees to make such reports.

(End of Clause)

4.15 VAAR 852.211-74 LIQUIDATED DAMAGES (JAN 2008)

If any unit of the work contracted for is accepted in advance of the whole, the rate of liquidated damages assessed will be in the ratio that the value of the unaccepted work bears to the total amount of the contract. If a separate price for unaccepted work has not been stated in the Contractor's bid, determination of the value thereof will be made from schedules of costs furnished by the Contractor and approved by the Contracting Officer, as specified elsewhere in the contract.

(End of Clause)

4.16 VAAR 852.215-71 EVALUATION FACTOR COMMITMENTS (DEC 2009)

The offeror agrees, if awarded a contract, to use the service-disabled veteran-owned small businesses or veteran-owned small businesses proposed as subcontractors in accordance with 852.215-70, Service-Disabled Veteran-Owned and Veteran-Owned Small Business Evaluation Factors, or to substitute

one or more service-disabled veteran-owned small businesses or veteran-owned small businesses for subcontract work of the same or similar value.

(End of Clause)

4.17 VAAR 852.219-9 VA SMALL BUSINESS SUBCONTRACTING PLAN MINIMUM REQUIREMENTS (DEC 2009)

(a) This clause does not apply to small business concerns.

(b) If the offeror is required to submit an individual subcontracting plan, the minimum goals for award of subcontracts to service-disabled veteran-owned small business concerns and veteran-owned small business concerns shall be at least commensurate with the Department's annual service-disabled veteran-owned small business and veteran-owned small business prime contracting goals for the total dollars planned to be subcontracted.

(c) For a commercial plan, the minimum goals for award of subcontracts to service-disabled veteran-owned small business concerns and veteran-owned small businesses shall be at least commensurate with the Department's annual service-disabled veteran-owned small business and veteran-owned small business prime contracting goals for the total value of projected subcontracts to support the sales for the commercial plan.

(d) To be credited toward goal achievements, businesses must be verified as eligible in the Vendor Information Pages database. The Contractor shall annually submit a listing of service-disabled veteran-owned small businesses and veteran-owned small businesses for which credit toward goal achievement is to be applied for the review of personnel in the Office of Small and Disadvantaged Business Utilization.

(e) The Contractor may appeal any businesses determined not eligible for crediting toward goal achievements by following the procedures contained in 819.407.

(End of Clause)

4.18 VAAR 852.228-70 BOND PREMIUM ADJUSTMENT (JAN 2008)

When net changes in original contract price affect the premium of a Corporate Surety Bond by \$5 or more, the Government, in determining the basis for final settlement, will provide for bond premium adjustment computed at the rate shown in the bond.

(End of Clause)

4.19 VAAR 852.236-71 SPECIFICATIONS AND DRAWINGS FOR CONSTRUCTION (JUL 2002)

The clause entitled "Specifications and Drawings for Construction" in FAR 52.236-21 is supplemented as follows:

(a) The Contracting Officer's interpretation of the drawings and specifications will be final, subject to the disputes clause.

(b) Large scale drawings supersede small scale drawings.

(c) Dimensions govern in all cases. Scaling of drawings may be done only for general location and general size of items.

(d) Dimensions shown of existing work and all dimensions required for work that is to connect with existing work shall be verified by the Contractor by actual measurement of the existing work. Any work at variance with that specified or shown in the drawings shall not be performed by the Contractor until approved in writing by the Contracting Officer.

(End of Clause)

4.20 VAAR 852.236-72 PERFORMANCE OF WORK BY THE CONTRACTOR (JUL 2002) ALTERNATE I

The clause entitled "Performance of Work by the Contractor" in FAR 52.236-1 is supplemented as follows:

(a) Contract work accomplished on the site by laborers, mechanics, and foremen/forewomen on the Contractor's payroll and under his/her direct supervision shall be included in establishing the percent of work to be performed by the Contractor. Cost of material and equipment installed by such labor may be included. The work by the Contractor's executive, supervisory and clerical forces shall be excluded in establishing compliance with the requirements of this clause.

(b) The Contractor shall submit, simultaneously with the cost per activity of the construction schedule required by Section 01310 or 01311, NETWORK ANALYSIS SYSTEM, a responsibility code for all activities of the network for which the Contractor's forces will perform the work. The cost of these activities will be used in determining the portions of the total contract work to be executed by the Contractor's forces for the purpose of this article.

(c) If, during progress of work hereunder, the Contractor requests a change in activities of work to be performed by the Contractor's forces and the Contracting Officer determines it to be in the best interest of the Government, the Contracting Officer may, at his or her discretion, authorize a change in such activities of said work.

(d) In the event the Contractor fails or refuses to meet the requirement of the FAR clause at 52.236-1, it is expressly agreed that the contract price will be reduced by 15 percent of the value of that portion of the percentage requirement that is accomplished by others. For the purpose of this clause, it is agreed that 15 percent is an acceptable estimate of the Contractor's overhead and profit, or mark-up, on that portion of the work which the Contractor fails or refuses to perform, with his/her own forces, in accordance with the FAR clause at 52.236-1.

(End of Clause)

4.21 VAAR 852.236-74 INSPECTION OF CONSTRUCTION (JUL 2002)

The clause entitled "Inspection of Construction" in FAR 52.246-12 is supplemented as follows:

(a) Inspection of materials and articles furnished under this contract will be made at the site by the Resident Engineer, unless otherwise provided for in the specifications.

(b) Final inspection will not be made until the contract work is ready for beneficial use or occupancy. Final inspection will be made on a phase-by-phase basis and will not be made until the contract work for that phase is ready for beneficial use or occupancy. The Contractor shall notify the Contracting Officer, through the Resident Engineer, fifteen (15) days prior to the date on which the work will be ready for final inspection.

(End of Clause)

4.22 VAAR 852.236-76 CORRESPONDENCE (APR 1984)

All correspondence relative to this contract shall bear Specification Number, Project Number, Department of Veterans Affairs Contract Number, title of project and name of facility.

(End of Clause)

4.23 VAAR 852.236-77 REFERENCE TO "STANDARDS" (JUL 2002)

Any materials, equipment, or workmanship specified by references to number, symbol, or title of any specific Federal, Industry or Government Agency Standard Specification shall comply with all applicable provisions of such standard specifications, except as limited to type, class or grade, or modified in contract specifications. Reference to "Standards" referred to in the contract specifications, except as modified, shall have full force and effect as though printed in detail in specifications.

(End of Clause)

4.24 VAAR 852.236-78 GOVERNMENT SUPERVISION (APR 1984)

(a) The work will be under the direction of the Department of Veterans Affairs Contracting Officer, who may designate another VA employee to act as Resident Engineer at the construction site.

(b) Except as provided below, the Resident Engineer's directions will not conflict with or change contract requirements.

(c) Within the limits of any specific authority delegated by the Contracting Officer, the Resident Engineer may, by written direction, make changes in the work. The Contractor shall be advised of the extent of such authority prior to execution of any work under the contract.

(End of Clause)

4.25 VAAR 852.236-79 DAILY REPORT OF WORKERS AND MATERIAL (APR 1984)

The Contractor shall furnish to the Resident Engineer each work day a consolidated report for the preceding work day in which is shown the number of laborers, mechanics, foremen/forewomen and pieces of heavy equipment used or employed by the Contractor and subcontractors. The report shall bear the name of the firm, the branch of work which they perform such as concrete, plastering, masonry, plumbing, sheet metal work, etc. The report shall give a breakdown of employees by crafts, location where employed, and work performed. The report shall also list materials delivered to the site on the date covered by the report.

(End of Clause)

4.26 VAAR 852.236-80 SUBCONTRACTS AND WORK COORDINATION (APR 1984) ALTERNATE I (JUL 2002)

(a) Nothing contained in this contract shall be construed as creating any contractual relationship between any subcontractor and the Government. Divisions or sections of specifications are not intended to control the Contractor in dividing work among subcontractors, or to limit work performed by any trade.

(b) The Contractor shall be responsible to the Government for acts and omissions of his/her own employees, and subcontractors and their employees. The Contractor shall also be responsible for coordination of the work of the trades, subcontractors, and material suppliers. The Contractor shall, in advance of the work, prepare coordination drawings showing the location of openings through slabs, the pipe sleeves and hanger inserts, as well as the location and elevation of utility lines, including, but not limited to, conveyor systems, pneumatic tubes, ducts, and conduits and pipes 2 inches and larger in diameter. These drawings, including plans, elevations, and sections as appropriate shall clearly show the manner in which the utilities fit into the available space and relate to each other and to existing building elements. Drawings shall be of appropriate scale to satisfy the previously stated purposes, but not smaller than 3/8-inch scale. Drawings may be composite (with distinctive colors for the various trades) or may be separate but fully coordinated drawings (such as sepias or photographic paper reproducibles) of the same scale. Separate drawings shall depict identical building areas or sections and shall be capable of being overlaid in any combination. The submitted drawings for a given area of the project shall show the work of all trades which will be involved in that particular area. Six complete composite drawings or six complete sets and one electronic copy/set of separate reproducible drawings shall be received by the Government not less than 20 days prior to the scheduled start of the work in the area illustrated by the drawings, for the purpose of showing the Contractor's planned methods of installation. The objectives of such drawings are to promote carefully planned work sequence and proper trade coordination, in order to assure the expeditious solutions of problems and the installation of lines and equipment as contemplated by the contract documents while avoiding or minimizing additional costs to the Contractor and to the Government. In the event the Contractor, in coordinating the various installations and in planning the method of installation, finds a conflict in location or elevation of any of the utilities with themselves, with structural items or with other construction items, he/she shall bring this conflict to the attention of the Contracting Officer immediately. In doing so, the Contractor shall explain the proposed method of solving the problem or shall request instructions as to how to proceed if adjustments beyond those of usual trades coordination are necessary. Utilities installation work will not proceed in any area prior to the submission and completion of the Government review of the coordinated drawings for that area, nor in any area in which conflicts are disclosed by the coordination drawings until the conflicts have been corrected to the satisfaction of the Contracting Officer. It is the responsibility of the Contractor to submit the required drawings in a timely manner consistent with the requirements to complete the work covered by this contract within the prescribed contract time.

(c) The Government or its representatives will not undertake to settle any differences between the Contractor and subcontractors or between subcontractors.

(d) The Government reserves the right to refuse to permit employment on the work or require dismissal from the work of any subcontractor who, by reason of previous unsatisfactory work on Department of Veterans Affairs projects or for any other reason, is considered by the Contracting Officer to be incompetent or otherwise objectionable.

(End of Clause)

4.27 VAAR 852.236-83 PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS (INCLUDING NAS) (JUL 2002)

The clause entitled "Payments under Fixed-Price Construction Contracts" in FAR 52.232-5 is implemented as follows:

(a) Retainage:

(1) The Contracting Officer may retain funds:

(i) Where the performance under the contract has been determined to be deficient or the Contractor has performed in an unsatisfactory manner in the past; or

(ii) As the contract nears completion, to ensure that deficiencies will be corrected and that completion is timely.

(2) Examples of deficient performance justifying a retention of funds include, but are not restricted to, the following:

(i) Unsatisfactory progress as determined by the Contracting Officer;

(ii) Failure either to meet schedules in Section Network Analysis System (NAS), or to process the Interim Arrow Diagram/Complete Project Arrow Diagram;

(iii) Failure to present submittals in a timely manner; or

(iv) Failure to comply in good faith with approved subcontracting plans, certifications or contract requirements.

(3) Any level of retention shall not exceed 10 percent either where there is determined to be unsatisfactory performance, or when the retainage is to ensure satisfactory completion. Retained amounts shall be paid promptly upon completion of all contract requirements, but nothing contained in this subparagraph shall be construed as limiting the Contracting Officer's right to withhold funds under other provisions of the contract or in accordance with the general law and regulations regarding the administration of Government contracts.

(b) The Contractor shall submit a schedule of costs in accordance with the requirements of Section Network Analysis System (NAS) to the Contracting Officer for approval within 90 calendar days after date of receipt of notice to proceed. The approved cost schedule will be one of the bases for determining progress payments to the Contractor for work completed.

(1) Costs as shown on this schedule must be true costs and, should the Resident Engineer so desire, he/she may require the Contractor to submit his/her original estimate sheets or other information to substantiate the detailed makeup of the cost schedule.

(2) The total costs of all activities shall equal the contract price.

(3) Insurance and similar items shall be prorated and included in each activity cost of the critical path method (CPM) network.

(4) The CPM network shall include a separate cost loaded activity for adjusting and testing of the systems listed below. The percentages listed below will be used to determine the cost of adjust and test activities and identify, for payment purposes, the value of the work to adjust, correct and test systems after the material has been installed.

(5) Payment for adjust and test activities will be made only after the Contractor has demonstrated that each of the systems is substantially complete and operates as required by the contract.

VALUE OF ADJUSTING, CORRECTING, AND TESTING SYSTEM

System	Percent
Pneumatic tube system.....	10
Incinerators (medical waste and trash).....	5
Sewage treatment plant equipment.....	5
Water treatment plant equipment.....	5
Washers (dish, cage, glass, etc.).....	5
Sterilizing equipment.....	5
Water distilling equipment.....	5
Prefab temperature rooms (cold, constant temperature).....	5
Entire air-conditioning system (Specified under Division 23)	5
Entire boiler plant system (specified under Division 23)	5
General supply conveyors	10
Food service conveyors	10
Pneumatic soiled linen and trash system	10
Elevators and dumbwaiters	10
Materials transport system	10
Engine-generator system	5
Primary switchgear	5
Secondary switchgear	5
Fire alarm system	5

Nurse call system	5
Intercom system	5
Radio system	5
TV (entertainment) system	5

(c) In addition to this cost schedule, the Contractor shall submit such unit costs as may be specifically requested. The unit costs shall be those used by the Contractor in preparing his/her bid and will be binding as pertaining to any contract changes.

(d) The Contracting Officer will consider for monthly progress payments material and/or equipment procured by the Contractor and stored on the construction site as space is available, or at a local approved location off the site, under such terms and conditions as such officer approves, including but not limited to the following:

(1) The material or equipment is in accordance with the contract requirements and/or approved samples and shop drawings.

(2) Only those materials and/or equipment as are approved by the Resident Engineer for storage will be included.

(3) Such materials and/or equipment will be protected against weather, theft and other hazards and will not be subjected to deterioration.

(5) All of the other terms, provisions, conditions and covenants contained in the contract shall be and remain in full force and effect as therein provided.

(6) A supplemental agreement will be executed between the Government and the Contractor with the consent of the Contractor's surety for off-site storage.

(e) The Contractor, prior to receiving a progress or final payment under this contract, shall submit to the Contracting Officer a certification that the Contractor has made payment from proceeds of prior payments, or that timely payment will be made from the proceeds of the progress or final payment then due, to subcontractors and suppliers in accordance with the contractual arrangements with them.

(f) The Government reserves the right to withhold payment until samples, shop drawings, engineer's certificates, additional bonds, payrolls, weekly statements of compliance, proof of title, nondiscrimination compliance reports, or any other things required by this contract, have been submitted to the satisfaction of the Contracting Officer.

(End of Clause)

ADDITIONAL REQUIREMENTS FOR BAR CHART SCHEDULE

A. Original Schedule: The following information shall be furnished as minimum for each activity on the initial bar chart schedule.

- Activity Description
- Estimated Duration
- Responsibility (Trade) and Manpower (Crew size)
- Planned Start and Completion Dates
- Activity Cost

B. Updated Schedules and Updating Procedures

(1) The Contractor shall submit, at intervals of 7 calendar days, an updated bar chart schedule of the actual construction progress. The bar chart schedule shall show the activities or portions of activities started and/or completed during the reporting period and their updated monetary percentage value(s) as a basis for the Contractor's monthly progress report (payment request).

(2) The Contractor shall adjust the activity bars on the bar chart schedule to reflect the actual progress and the remaining activity durations. The updated bar chart schedule shall show at a minimum the following:

- Actual start and completion dates for activities started and/or completed during the reporting period.
- VA issued changes to the original contract requirements that change the Contractor's original sequence of work.
- Contractor changes in work sequence, durations, responsibility, manpower, and activity costs.

C. All contract changes durations proposed by the Contractor shall be reviewed and approved by the Contracting Officer prior to insertion into the updated bar chart schedule. The updated bar chart schedule shall include all contract changes issued during the reporting period.

(End of Clause)

4.28 VAAR 852.236-85 SUPPLEMENTARY LABOR STANDARDS PROVISIONS (APR 1984)

(a) The wage determination decision of the Secretary of Labor is set forth in section GR, General Requirements, of this contract. It is the result of a study of wage conditions in the locality and establishes the minimum hourly rates of wages and fringe benefits for the described classes of labor in accordance with applicable law. No increase in the contract price will be allowed or authorized because of payment of wage rates in excess of those listed.

(b) The Contractor shall submit the required copies of payrolls to the Contracting Officer through the Resident Engineer or engineer officer, when acting in that capacity. Department of Labor Form WH- 347, Payroll, available from the Superintendent of Documents, Government Printing Office, Washington, DC 20402, may be used for this purpose. If, however, the Contractor or subcontractor elects to use an individually composed payroll form, it shall contain the same information shown on Form WH-347, and in addition be accompanied by Department of Labor Form WH-348, Statement of Compliance, or any other form containing the exact wording of this form.

(End of Clause)

4.29 VAAR 852.236-86 WORKER'S COMPENSATION (JAN 2008)

Public Law 107-217 (40 U.S.C. 3172) authorizes the constituted authority of States to apply their workers compensation laws to all lands and premises owned or held by the United States.

(End of Clause)

4.30 VAAR 852.236-87 ACCIDENT PREVENTION (SEP 1993)

The Resident Engineer on all assigned construction projects, or other Department of Veterans Affairs employee if designated in writing by the Contracting Officer, shall serve as Safety Officer and as such has authority, on behalf of the Contracting Officer, to monitor and enforce Contractor compliance with FAR 52.236-13, Accident Prevention. However, only the Contracting Officer may issue an order to stop all or part of the work while requiring satisfactory or corrective action to be taken by the Contractor.

(End of Clause)

4.31 VAAR 852.236-88 CONTRACT CHANGES--SUPPLEMENT (JUL 2002)

(a) Paragraphs (a)(1) through (a)(4) apply to proposed contract changes costing over \$500,000.

(1) When requested by the Contracting Officer, the Contractor shall submit proposals for changes in work to the Resident Engineer. Proposals, to be submitted as expeditiously as possible but within 30 calendar days after receipt of request, shall be in legible form, original and two copies, with an itemized breakdown that will include material, quantities, unit prices, labor costs (separated into trades), construction equipment, etc. (Labor costs are to be identified with specific material placed or operation performed.) The Contractor must obtain and furnish with a proposal an itemized breakdown as described above, signed by each subcontractor participating in the change regardless of tier. When certified cost or pricing data are required under FAR Subpart 15.403, the cost or pricing data shall be submitted in accordance with FAR 15.403-5.

(2) When the necessity to proceed with a change does not allow sufficient time to negotiate a modification or because of failure to reach an agreement, the Contracting Officer may issue a change order instructing the Contractor to proceed on the basis of a tentative price based on the best estimate available at the time, with the firm price to be determined later. Furthermore, when the change order is issued, the Contractor shall submit a proposal, which includes the information required by paragraph (a)(1), for cost of changes in work within 30 calendar days.

(3) The Contracting Officer will consider issuing a settlement by determination to the contract if the Contractor's proposal required by paragraphs (a)(1) or (a)(2) of this clause is not received within 30 calendar days or if agreement has not been reached.

(4) Bond premium adjustment, consequent upon changes ordered, will be made as elsewhere specified at the time of final settlement under the contract and will not be included in the individual change.

(b) Paragraphs (b)(1) through (b)(11) apply to proposed contract changes costing \$500,000 or less:

(1) When requested by the Contracting Officer, the Contractor shall submit proposals for changes in work to the Resident Engineer. Proposals, to be submitted as expeditiously as possible but within 30 calendar days after receipt of request, shall be in legible form, original and two copies, with an itemized breakdown that will include material, quantities, unit prices, labor costs (separated into trades), construction

equipment, etc. (Labor costs are to be identified with specific material placed or operation performed.) The Contractor must obtain and furnish with a proposal an itemized breakdown as described above, signed by each subcontractor participating in the change regardless of tier. When certified cost or pricing data or information other than cost or pricing data are required under FAR 15.403, the data shall be submitted in accordance with FAR 15.403-5. No itemized breakdown will be required for proposals amounting to less than \$1,000.

(2) When the necessity to proceed with a change does not allow sufficient time to negotiate a modification or because of failure to reach an agreement, the Contracting Officer may issue a change order instructing the Contractor to proceed on the basis of a tentative price based on the best estimate available at the time, with the firm price to be determined later. Furthermore, when the change order is issued, the Contractor shall submit within 30 calendar days, a proposal that includes the information required by paragraph (b)(1) for the cost of the changes in work.

(3) The Contracting Officer will consider issuing a settlement by determination to the contract if the Contractor's proposal required by paragraphs (b)(1) or (b)(2) of this clause is not received within 30 calendar days, or if agreement has not been reached.

(4) Allowances not to exceed 10 percent each for overhead and profit for the party performing the work will be based on the value of labor, material, and use of construction equipment required to accomplish the change. As the value of the change increases, a declining scale will be used in negotiating the percentage of overhead and profit. Allowable percentages on changes will not exceed the following: 10 percent overhead and 10 percent profit on the first \$20,000; 7-1/2 percent overhead and 7-1/2 percent profit on the next \$30,000; 5 percent overhead and 5 percent profit on balance over \$50,000. Profit shall be computed by multiplying the profit percentage by the sum of the direct costs and computed overhead costs.

(5) The prime Contractor's or upper-tier subcontractor's fee on work performed by lower-tier subcontractors will be based on the net increased cost to the prime Contractor or upper-tier subcontractor, as applicable. Allowable fee on changes will not exceed the following: 10 percent fee on the first \$20,000; 7-1/2 percent fee on the next \$30,000; and 5 percent fee on balance over \$50,000.

(6) Not more than four percentages, none of which exceed the percentages shown above, will be allowed regardless of the number of tiers of subcontractors.

(7) Where the Contractor's or subcontractor's portion of a change involves credit items, such items must be deducted prior to adding overhead and profit for the party performing the work. The Contractor's fee is limited to the net increase to Contractor of subcontractors' portions cost computed in accordance herewith.

(8) Where a change involves credit items only, a proper measure of the amount of downward adjustment in the contract price is the reasonable cost to the Contractor if he/she had performed the deleted work. A reasonable allowance for overhead and profit are properly includable as part of the downward adjustment for a deductive change. The amount of such allowance is subject to negotiation.

(9) Cost of Federal Old Age Benefit (Social Security) tax and of Worker's Compensation and Public Liability insurance appertaining to changes are allowable. While no percentage will be allowed thereon for overhead or profit, prime Contractor's fee will be allowed on such items in subcontractors' proposals.

(10) Overhead and Contractor's fee percentages shall be considered to include insurance other than mentioned herein, field and office supervisors and assistants, security police, use of small tools, incidental job burdens, and general home office expenses and no separate allowance will be made therefore.

Assistants to office supervisors include all clerical, stenographic and general office help. Incidental job burdens include, but are not necessarily limited to, office equipment and supplies, temporary toilets, telephone and conformance to OSHA requirements. Items such as, but not necessarily limited to, review and coordination, estimating and expediting relative to contract changes are associated with field and office supervision and are considered to be included in the Contractor's overhead and/or fee percentage.

(11) Bond premium adjustment, consequent upon changes ordered, will be made as elsewhere specified at the time of final settlement under the contract and will not be included in the individual change.

(End of Clause)

4.32 VAAR 852.236-89 BUY AMERICAN ACT (JAN 2008) ALTERNATE I (JAN 2008)

(a) Reference is made to the clause entitled "Buy American Act--Construction Materials under Trade Agreements," FAR 52.225-11.

(b) The restrictions contained in this clause 852.236-89 are waived for designated country construction material as defined in FAR 52.225-11. Notwithstanding a bidder's right to offer identifiable foreign construction material in its bid pursuant to FAR 52.225-11, VA does not anticipate accepting an offer that includes foreign construction material, other than designated country construction material.

(c) If a bidder chooses to submit a bid that includes foreign construction material, that bidder must provide a listing of the specific foreign construction material he/she intends to use and a price for said material. Bidders must include bid prices for comparable domestic construction material. If VA determines not to accept foreign construction material and no comparable domestic construction material is provided, the entire bid will be rejected.

(d) Any foreign construction material proposed after award will be rejected unless the bidder proves to VA's satisfaction: (1) it was impossible to request the exemption prior to award, and (2) said domestic construction material is no longer available, or (3) where the price has escalated so dramatically after the contract has been awarded that it would be unconscionable to require performance at that price. The determinations required by (1), (2), and (3) of this paragraph shall be made in accordance with Subpart 825.2 and FAR 25.2.

(e) By signing this bid, the bidder declares that all articles, materials and supplies for use on the project shall be domestic unless specifically set forth on the Bid Form or addendum thereto.

(End of Clause)

4.33 VAAR 852.236-91 SPECIAL NOTES (JUL 2002)

(a) Signing of the bid shall be deemed to be a representation by the bidder that:

(1) Bidder is a construction Contractor who owns, operates, or maintains a place of business, regularly engaged in construction, alteration, or repair of buildings, structures, and communications facilities, or other engineering projects, including furnishing and installing of necessary equipment; or

(2) If newly entering into a construction activity, bidder has made all necessary arrangements for personnel, construction equipment, and required licenses to perform construction work; and

(3) Upon request, prior to award, bidder will promptly furnish to the Government a statement of facts in detail as to bidder's previous experience (including recent and current contracts), organization (including company officers), technical qualifications, financial resources and facilities available to perform the contemplated work.

(b) Unless otherwise provided in this contract, where the use of optional materials or construction is permitted, the same standard of workmanship, fabrication and installation shall be required irrespective of which option is selected. The Contractor shall make any change or adjustment in connecting work or otherwise necessitated by the use of such optional material or construction, without additional cost to the Government.

(c) When approval is given for a system component having functional or physical characteristics different from those indicated or specified, it is the responsibility of the Contractor to furnish and install related components with characteristics and capacities compatible with the approved substitute component as required for systems to function as noted on drawings and specifications. There shall be no additional cost to the Government.

(d) In some instances it may have been impracticable to detail all items in specifications or on drawings because of variances in manufacturers' methods of achieving specified results. In such instances the Contractor will be required to furnish all labor, materials, drawings, services and connections necessary to produce systems or equipment which are completely installed, functional, and ready for operation by facility personnel in accordance with their intended use.

(e) Claims by the Contractor for delay attributed to unusually severe weather must be supported by climatological data covering the period and the same period for the 10 preceding years. When the weather in question exceeds in intensity or frequency the 10-year average, the excess experienced shall be considered "unusually severe." Comparison shall be on a monthly basis. Whether or not unusually severe weather in fact delays the work will depend upon the effect of weather on the branches of work being performed during the time under consideration.

(End of Clause)

4.34 VAAR 852.246-74 SPECIAL WARRANTIES (JAN 2008)

The clause entitled "Warranty of Construction" in FAR 52.246-21 is supplemented as follows:

Any special warranties that may be required under the contract shall be subject to the elections set forth in the FAR clause at 52.246-21, Warranty of Construction, unless otherwise provided for in such special warranties.

(End of Clause)

4.35 VAAR 852.273-76 ELECTRONIC INVOICE SUBMISSION (Interim - October 2008)

(a) To improve the timeliness of payments and lower overall administrative costs, VA strongly encourages Contractors to submit invoices using its electronic invoicing system. At present, electronic submission is voluntary and any nominal registration fees will be the responsibility of the Contractor. VA intends to mandate electronic invoice submission, subject to completion of the federal rulemaking process. At present, VA is using a 3rd party agent to contact Contractors regarding this service. During the

voluntary period, Contractors interested in registering for the electronic system should contact the VA's Financial Services Center at <http://www.fsc.va.gov/einvoice.asp>.

4.36 MANDATORY WRITTEN DISCLOSURES

Mandatory written disclosures required by FAR clause 52.203-13 to the Department of Veterans Affairs, Office of Inspector General (OIG) must be made electronically through the VA OIG Hotline at <http://www.va.gov/oig/contacts/hotline.asp> and clicking on "FAR clause 52.203-13 Reporting." If you experience difficulty accessing the website, call the Hotline at 1-800-488-8244 for further instructions.

4.37 IT CONTRACT SECURITY

VA INFORMATION AND INFORMATION SYSTEM SECURITY/PRIVACY

1. GENERAL

Contractors, Contractor personnel, subcontractors, and subcontractor personnel shall be subject to the same Federal laws, regulations, standards, and VA Directives and Handbooks as VA and VA personnel regarding information and information system security.

2. ACCESS TO VA INFORMATION AND VA INFORMATION SYSTEMS

a. A Contractor/subcontractor shall request logical (technical) or physical access to VA information and VA information systems for their employees, subcontractors, and affiliates only to the extent necessary to perform the services specified in the contract, agreement, or task order.

b. All Contractors, subcontractors, and third-party servicers and associates working with VA information are subject to the same investigative requirements as those of VA appointees or employees who have access to the same types of information. The level and process of background security investigations for Contractors must be in accordance with VA Directive and Handbook 0710, Personnel Suitability and Security Program. The Office for Operations, Security, and Preparedness is responsible for these policies and procedures.

c. Contract personnel who require access to national security programs must have a valid security clearance. National Industrial Security Program (NISP) was established by Executive Order 12829 to ensure that cleared U.S. defense industry contract personnel safeguard the classified information in their possession while performing work on contracts, programs, bids, or research and development efforts. The Department of Veterans Affairs does not have a Memorandum of Agreement with Defense Security Service (DSS). Verification of a Security Clearance must be processed through the Special Security Officer located in the Planning and National Security Service within the Office of Operations, Security, and Preparedness.

d. Custom software development and outsourced operations must be located in the U.S. to the maximum extent practical. If such services are proposed to be performed abroad and are not disallowed by other VA policy or mandates, the Contractor/subcontractor must state where all non-U.S. services are provided and detail a security plan, deemed to be acceptable by VA, specifically to address mitigation of the resulting problems of communication, control, data protection, and so forth. Location within the U.S. may be an evaluation factor.

e. The Contractor or subcontractor must notify the Contracting Officer immediately when an employee working on a VA system or with access to VA information is reassigned or leaves the Contractor or subcontractor's employ. The Contracting Officer must also be notified immediately by the Contractor or subcontractor prior to an unfriendly termination.

3. VA INFORMATION CUSTODIAL LANGUAGE

a. Information made available to the Contractor or subcontractor by VA for the performance or administration of this contract or information developed by the Contractor/subcontractor in performance or administration of the contract shall be used only for those purposes and shall not be used in any other way without the prior written agreement of the VA. This clause expressly limits the Contractor/subcontractor's rights to use data as described in Rights in Data - General, FAR 52.227-14(d) (1).

b. VA information should not be co-mingled, if possible, with any other data on the Contractor/subcontractor's information systems or media storage systems in order to ensure VA requirements related to data protection and media sanitization can be met. If co-mingling must be allowed to meet the requirements of the business need, the Contractor must ensure that VA's information is returned to the VA or destroyed in accordance with VA's sanitization requirements. VA reserves the right to conduct on site inspections of Contractor and subcontractor IT resources to ensure data security controls, separation of data and job duties, and destruction/media sanitization procedures are in compliance with VA directive requirements.

c. Prior to termination or completion of this contract, Contractor/ subcontractor must not destroy information received from VA, or gathered/ created by the Contractor in the course of performing this contract without prior written approval by the VA. Any data destruction done on behalf of VA by a Contractor/subcontractor must be done in accordance with National Archives and Records Administration (NARA) requirements as outlined in VA Directive 6300, Records and Information Management and its Handbook 6300.1 Records Management Procedures, applicable VA Records Control Schedules, and VA Handbook 6500.1, Electronic Media Sanitization. Self-certification by the Contractor that the data destruction requirements above have been met must be sent to the VA Contracting Officer within 30 days of termination of the contract.

d. The Contractor/subcontractor must receive, gather, store, back up, maintain, use, disclose and dispose of VA information only in compliance with the terms of the contract and applicable Federal and VA information confidentiality and security laws, regulations and policies. If Federal or VA information confidentiality and security laws, regulations and policies become applicable to the VA information or information systems after execution of the contract, or if NIST issues or updates applicable FIPS or Special Publications (SP) after execution of this contract, the parties agree to negotiate in good faith to implement the information confidentiality and security laws, regulations and policies in this contract.

e. The Contractor/subcontractor shall not make copies of VA information except as authorized and necessary to perform the terms of the agreement or to preserve electronic information stored on Contractor/subcontractor electronic storage media for restoration in case any electronic equipment or data used by the Contractor/subcontractor needs to be restored to an operating state. If copies are made for restoration purposes, after the restoration is complete, the copies must be appropriately destroyed.

f. If VA determines that the Contractor has violated any of the information confidentiality, privacy, and security provisions of the contract, it shall be sufficient grounds for VA to withhold payment to the Contractor or third party or terminate the contract for default or terminate for cause under Federal Acquisition Regulation (FAR) part 12.

g. If a VHA contract is terminated for cause, the associated BAA must also be terminated and appropriate actions taken in accordance with VHA Handbook 1600.01, Business Associate Agreements. Absent an agreement to use or disclose protected health information, there is no business associate relationship.

h. The Contractor/subcontractor must store, transport, or transmit VA sensitive information in an encrypted form, using VA-approved encryption tools that are, at a minimum, FIPS 140-2 validated.

i. The Contractor/subcontractor's firewall and Web services security controls, if applicable, shall meet or exceed VA's minimum requirements. VA Configuration Guidelines are available upon request.

j. Except for uses and disclosures of VA information authorized by this contract for performance of the contract, the Contractor/subcontractor may use and disclose VA information only in two other situations: (i) in response to a qualifying order of a court of competent jurisdiction, or (ii) with VA's prior written approval. The Contractor/subcontractor must refer all requests for, demands for production of, or inquiries about, VA information and information systems to the VA Contracting Officer for response.

k. Notwithstanding the provision above, the Contractor/subcontractor shall not release VA records protected by Title 38 U.S.C. 5705, confidentiality of medical quality assurance records and/or Title 38 U.S.C. 7332, confidentiality of certain health records pertaining to drug addiction, sickle cell anemia, alcoholism or alcohol abuse, or infection with human immunodeficiency virus. If the Contractor/subcontractor is in receipt of a court order or other requests for the above mentioned information, that Contractor/subcontractor shall immediately refer such court orders or other requests to the VA Contracting Officer for response.

l. For service that involves the storage, generating, transmitting, or exchanging of VA sensitive information but does not require C&A or an MOU-ISA for system interconnection, the Contractor/subcontractor must complete a Contractor Security Control Assessment (CSCA) on a yearly basis and provide it to the COTR.

4. INFORMATION SYSTEM DESIGN AND DEVELOPMENT

a. Information systems that are designed or developed for or on behalf of VA at non-VA facilities shall comply with all VA directives developed in accordance with FISMA, HIPAA, NIST, and related VA security and privacy control requirements for Federal information systems. This includes standards for the protection of electronic PHI, outlined in 45 C.F.R. Part 164, Subpart C, information and system security categorization level designations in accordance with FIPS 199 and FIPS 200 with implementation of all baseline security controls commensurate with the FIPS 199 system security categorization (reference Appendix D of VA Handbook 6500, VA Information Security Program). During the development cycle a Privacy Impact Assessment (PIA) must be completed, provided to the COTR, and approved by the VA Privacy Service in accordance with Directive 6507, VA Privacy Impact Assessment.

b. The Contractor/subcontractor shall certify to the COTR that applications are fully functional and operate correctly as intended on systems using the VA Federal Desktop Core Configuration (FDCC), and the common security configuration guidelines provided by NIST or the VA. This includes Internet Explorer 7 configured to operate on Windows XP and Vista (in Protected Mode on Vista) and future versions, as required.

c. The standard installation, operation, maintenance, updating, and patching of software shall not alter the configuration settings from the VA approved and FDCC configuration. Information technology staff

must also use the Windows Installer Service for installation to the default "program files" directory and silently install and uninstall.

d. Applications designed for normal end users shall run in the standard user context without elevated system administration privileges.

e. The security controls must be designed, developed, approved by VA, and implemented in accordance with the provisions of VA security system development life cycle as outlined in NIST Special Publication 800-37, Guide for Applying the Risk Management Framework to Federal Information Systems, VA Handbook 6500, Information Security Program and VA Handbook 6500.5, Incorporating Security and Privacy in System Development Lifecycle.

f. The Contractor/subcontractor is required to design, develop, or operate a System of Records Notice (SOR) on individuals to accomplish an agency function subject to the Privacy Act of 1974, (as amended), Public Law 93-579, December 31, 1974 (5 U.S.C. 552a) and applicable agency regulations. Violation of the Privacy Act may involve the imposition of criminal and civil penalties.

g. The Contractor/subcontractor agrees to:

(1) Comply with the Privacy Act of 1974 (the Act) and the agency rules and regulations issued under the Act in the design, development, or operation of any system of records on individuals to accomplish an agency function when the contract specifically identifies:

(a) The Systems of Records (SOR); and

(b) The design, development, or operation work that the Contractor/ subcontractor is to perform;

(1) Include the Privacy Act notification contained in this contract in every solicitation and resulting subcontract and in every subcontract awarded without a solicitation, when the work statement in the proposed subcontract requires the redesign, development, or operation of a SOR on individuals that is subject to the Privacy Act; and

(2) Include this Privacy Act clause, including this subparagraph (3), in all subcontracts awarded under this contract which requires the design, development, or operation of such a SOR.

h. In the event of violations of the Act, a civil action may be brought against the agency involved when the violation concerns the design, development, or operation of a SOR on individuals to accomplish an agency function, and criminal penalties may be imposed upon the officers or employees of the agency when the violation concerns the operation of a SOR on individuals to accomplish an agency function. For purposes of the Act, when the contract is for the operation of a SOR on individuals to accomplish an agency function, the Contractor/subcontractor is considered to be an employee of the agency.

(1) "Operation of a System of Records" means performance of any of the activities associated with maintaining the SOR, including the collection, use, maintenance, and dissemination of records.

(2) "Record" means any item, collection, or grouping of information about an individual that is maintained by an agency, including, but not limited to, education, financial transactions, medical history, and criminal or employment history and contains the person's name, or identifying number, symbol, or any other identifying particular assigned to the individual, such as a fingerprint or voiceprint, or a photograph.

(3) "System of Records" means a group of any records under the control of any agency from which information is retrieved by the name of the individual or by some identifying number, symbol, or other identifying particular assigned to the individual.

i. The vendor shall ensure the security of all procured or developed systems and technologies, including their subcomponents (hereinafter referred to as "Systems"), throughout the life of this contract and any extension, warranty, or maintenance periods. This includes, but is not limited to workarounds, patches, hotfixes, upgrades, and any physical components (hereafter referred to as Security Fixes) which may be necessary to fix all security vulnerabilities published or known to the vendor anywhere in the Systems, including Operating Systems and firmware. The vendor shall ensure that Security Fixes shall not negatively impact the Systems.

j. The vendor shall notify VA within 24 hours of the discovery or disclosure of successful exploits of the vulnerability which can compromise the security of the Systems (including the confidentiality or integrity of its data and operations, or the availability of the system). Such issues shall be remediated as quickly as is practical, but in no event longer than days.

k. When the Security Fixes involve installing third party patches (such as Microsoft OS patches or Adobe Acrobat), the vendor will provide written notice to the VA that the patch has been validated as not affecting the Systems within 10 working days. When the vendor is responsible for operations or maintenance of the Systems, they shall apply the Security Fixes within days.

l. All other vulnerabilities shall be remediated as specified in this paragraph in a timely manner based on risk, but within 60 days of discovery or disclosure. Exceptions to this paragraph (e.g. for the convenience of VA) shall only be granted with approval of the Contracting Officer and the VA Assistant Secretary for Office of Information and Technology.

5. INFORMATION SYSTEM HOSTING, OPERATION, MAINTENANCE, OR USE

a. For information systems that are hosted, operated, maintained, or used on behalf of VA at non-VA facilities, Contractors/subcontractors are fully responsible and accountable for ensuring compliance with all HIPAA, Privacy Act, FISMA, NIST, FIPS, and VA security and privacy directives and handbooks. This includes conducting compliant risk assessments, routine vulnerability scanning, system patching and change management procedures, and the completion of an acceptable contingency plan for each system. The Contractor's security control procedures must be equivalent, to those procedures used to secure VA systems. A Privacy Impact Assessment (PIA) must also be provided to the COTR and approved by VA Privacy Service prior to operational approval. All external Internet connections to VA's network involving VA information must be reviewed and approved by VA prior to implementation.

b. Adequate security controls for collecting, processing, transmitting, and storing of Personally Identifiable Information (PII), as determined by the VA Privacy Service, must be in place, tested, and approved by VA prior to hosting, operation, maintenance, or use of the information system, or systems by or on behalf of VA. These security controls are to be assessed and stated within the PIA and if these controls are determined not to be in place, or inadequate, a Plan of Action and Milestones (POA&M) must be submitted and approved prior to the collection of PII.

c. Outsourcing (Contractor facility, Contractor equipment or Contractor staff) of systems or network operations, telecommunications services, or other managed services requires certification and accreditation (authorization) (C&A) of the Contractor's systems in accordance with VA Handbook 6500.3, Certification and Accreditation and/or the VA OCS Certification Program Office. Government- owned (government facility or government equipment) Contractor-operated systems, third party or business partner networks

require memorandums of understanding and interconnection agreements (MOU-ISA) which detail what data types are shared, who has access, and the appropriate level of security controls for all systems connected to VA networks.

d. The Contractor/subcontractor's system must adhere to all FISMA, FIPS, and NIST standards related to the annual FISMA security controls assessment and review and update the PIA. Any deficiencies noted during this assessment must be provided to the VA Contracting Officer and the ISO for entry into VA's POA&M management process. The Contractor/subcontractor must use VA's POA&M process to document planned remedial actions to address any deficiencies in information security policies, procedures, and practices, and the completion of those activities. Security deficiencies must be corrected within the timeframes approved by the government. Contractor/subcontractor procedures are subject to periodic, unannounced assessments by VA officials, including the VA Office of Inspector General. The physical security aspects associated with Contractor/ subcontractor activities must also be subject to such assessments. If major changes to the system occur that may affect the privacy or security of the data or the system, the C&A of the system may need to be reviewed, retested and re- authorized per VA Handbook 6500.3. This may require reviewing and updating all of the documentation (PIA, System Security Plan, Contingency Plan). The Certification Program Office can provide guidance on whether a new C&A would be necessary.

e. The Contractor/subcontractor must conduct an annual self assessment on all systems and outsourced services as required. Both hard copy and electronic copies of the assessment must be provided to the COTR. The government reserves the right to conduct such an assessment using government personnel or another Contractor/subcontractor. The Contractor/subcontractor must take appropriate and timely action (this can be specified in the contract) to correct or mitigate any weaknesses discovered during such testing, generally at no additional cost.

f. VA prohibits the installation and use of personally-owned or Contractor/ subcontractor-owned equipment or software on VA's network. If non-VA owned equipment must be used to fulfill the requirements of a contract, it must be stated in the service agreement, SOW or contract. All of the security controls required for government furnished equipment (GFE) must be utilized in approved other equipment (OE) and must be funded by the owner of the equipment. All remote systems must be equipped with, and use, a VA-approved antivirus (AV) software and a personal (host-based or enclave based) firewall that is configured with a VA-approved configuration. Software must be kept current, including all critical updates and patches. Owners of approved OE are responsible for providing and maintaining the anti-viral software and the firewall on the non-VA owned OE.

g. All electronic storage media used on non-VA leased or non-VA owned IT equipment that is used to store, process, or access VA information must be handled in adherence with VA Handbook 6500.1, Electronic Media Sanitization upon: (i) completion or termination of the contract or (ii) disposal or return of the IT equipment by the Contractor/subcontractor or any person acting on behalf of the Contractor/subcontractor, whichever is earlier. Media (hard drives, optical disks, CDs, back-up tapes, etc.) used by the Contractors/ subcontractors that contain VA information must be returned to the VA for sanitization or destruction or the Contractor/subcontractor must self-certify that the media has been disposed of per 6500.1 requirements. This must be completed within 30 days of termination of the contract.

h. Bio-Medical devices and other equipment or systems containing media (hard drives, optical disks, etc.) with VA sensitive information must not be returned to the vendor at the end of lease, for trade-in, or other purposes. The options are:

- (1) Vendor must accept the system without the drive;

(2) VA's initial medical device purchase includes a spare drive which must be installed in place of the original drive at time of turn-in; or

(3) VA must reimburse the company for media at a reasonable open market replacement cost at time of purchase.

(4) Due to the highly specialized and sometimes proprietary hardware and software associated with medical equipment/systems, if it is not possible for the VA to retain the hard drive, then;

(a) The equipment vendor must have an existing BAA if the device being traded in has sensitive information stored on it and hard drive(s) from the system are being returned physically intact; and

(b) Any fixed hard drive on the device must be non-destructively sanitized to the greatest extent possible without negatively impacting system operation. Selective clearing down to patient data folder level is recommended using VA approved and validated overwriting technologies/methods/tools. Applicable media sanitization specifications need to be pre-approved and described in the purchase order or contract.

(c) A statement needs to be signed by the Director (System Owner) that states that the drive could not be removed and that (a) and (b) controls above are in place and completed. The ISO needs to maintain the documentation.

6. SECURITY INCIDENT INVESTIGATION

a. The term "security incident" means an event that has, or could have, resulted in unauthorized access to, loss or damage to VA assets, or sensitive information, or an action that breaches VA security procedures. The Contractor/ subcontractor shall immediately notify the COTR and simultaneously, the designated ISO and Privacy Officer for the contract of any known or suspected security/privacy incidents, or any unauthorized disclosure of sensitive information, including that contained in system(s) to which the Contractor/ subcontractor has access.

b. To the extent known by the Contractor/subcontractor, the Contractor/ subcontractor's notice to VA shall identify the information involved, the circumstances surrounding the incident (including to whom, how, when, and where the VA information or assets were placed at risk or compromised), and any other information that the Contractor/subcontractor considers relevant.

c. With respect to unsecured protected health information, the business associate is deemed to have discovered a data breach when the business associate knew or should have known of a breach of such information. Upon discovery, the business associate must notify the covered entity of the breach. Notifications need to be made in accordance with the executed business associate agreement.

d. In instances of theft or break-in or other criminal activity, the Contractor/subcontractor must concurrently report the incident to the appropriate law enforcement entity (or entities) of jurisdiction, including the VA OIG and Security and Law Enforcement. The Contractor, its employees, and its subcontractors and their employees shall cooperate with VA and any law enforcement authority responsible for the investigation and prosecution of any possible criminal law violation(s) associated with any incident. The Contractor/subcontractor shall cooperate with VA in any civil litigation to recover VA information, obtain monetary or other compensation from a third party for damages arising from any incident, or obtain injunctive relief against any third party arising from, or related to, the incident.

7. LIQUIDATED DAMAGES FOR DATA BREACH

a. Consistent with the requirements of 38 U.S.C. 5725, a contract may require access to sensitive personal information. If so, the Contractor is liable to VA for liquidated damages in the event of a data breach or privacy incident involving any SPI the Contractor/subcontractor processes or maintains under this contract.

b. The Contractor/subcontractor shall provide notice to VA of a "security incident" as set forth in the Security Incident Investigation section above. Upon such notification, VA must secure from a non-Department entity or the VA Office of Inspector General an independent risk analysis of the data breach to determine the level of risk associated with the data breach for the potential misuse of any sensitive personal information involved in the data breach. The term 'data breach' means the loss, theft, or other unauthorized access, or any access other than that incidental to the scope of employment, to data containing sensitive personal information, in electronic or printed form, that results in the potential compromise of the confidentiality or integrity of the data. Contractor shall fully cooperate with the entity performing the risk analysis. Failure to cooperate may be deemed a material breach and grounds for contract termination.

c. Each risk analysis shall address all relevant information concerning the data breach, including the following:

- (1) Nature of the event (loss, theft, unauthorized access);
- (2) Description of the event, including:
 - (a) date of occurrence;
 - (b) data elements involved, including any PII, such as full name, social security number, date of birth, home address, account number, disability code;
- (3) Number of individuals affected or potentially affected;
- (4) Names of individuals or groups affected or potentially affected;
- (5) Ease of logical data access to the lost, stolen or improperly accessed data in light of the degree of protection for the data, e.g., unencrypted, plain text;
- (6) Amount of time the data has been out of VA control;
- (7) The likelihood that the sensitive personal information will or has been compromised (made accessible to and usable by unauthorized persons);
- (8) Known misuses of data containing sensitive personal information, if any;
- (9) Assessment of the potential harm to the affected individuals;
- (10) Data breach analysis as outlined in 6500.2 Handbook, Management of Security and Privacy Incidents, as appropriate; and
- (11) Whether credit protection services may assist record subjects in avoiding or mitigating the results of identity theft based on the sensitive personal information that may have been compromised.

d. Based on the determinations of the independent risk analysis, the Contractor shall be responsible for paying to the VA liquidated damages in the amount of per affected individual to cover the cost of providing credit protection services to affected individuals consisting of the following:

- (1) Notification;
- (2) One year of credit monitoring services consisting of automatic daily monitoring of at least 3 relevant credit bureau reports;
- (3) Data breach analysis;
- (4) Fraud resolution services, including writing dispute letters, initiating fraud alerts and credit freezes, to assist affected individuals to bring matters to resolution;
- (5) One year of identity theft insurance with \$20,000.00 coverage at \$0 deductible; and
- (6) Necessary legal expenses the subjects may incur to repair falsified or damaged credit records, histories, or financial affairs.

8. SECURITY CONTROLS COMPLIANCE TESTING

On a periodic basis, VA, including the Office of Inspector General, reserves the right to evaluate any or all of the security controls and privacy practices implemented by the Contractor under the clauses contained within the contract. With 10 working-day's notice, at the request of the government, the Contractor must fully cooperate and assist in a government-sponsored security controls assessment at each location wherein VA information is processed or stored, or information systems are developed, operated, maintained, or used on behalf of VA, including those initiated by the Office of Inspector General. The government may conduct a security control assessment on shorter notice (to include unannounced assessments) as determined by VA in the event of a security incident or at any other time.

9. TRAINING

a. All Contractor employees and subcontractor employees requiring access to VA information and VA information systems shall complete the following before being granted access to VA information and its systems:

- (1) Sign and acknowledge (either manually or electronically) understanding of and responsibilities for compliance with the Contractor Rules of Behavior, Appendix E relating to access to VA information and information systems;
- (2) Successfully complete the VA Cyber Security Awareness and Rules of Behavior training and annually complete required security training;
- (3) Successfully complete the appropriate VA privacy training and annually complete required privacy training; and
- (4) Successfully complete any additional cyber security or privacy training, as required for VA personnel with equivalent information system access [to be defined by the VA program official and provided to the Contracting Officer for inclusion in the solicitation document - e.g., any role-based

information security training required in accordance with NIST Special Publication 800-16, Information Technology Security Training Requirements.]

b. The Contractor shall provide to the Contracting Officer and/or the COTR a copy of the training certificates and certification of signing the Contractor Rules of Behavior for each applicable employee within 1 week of the initiation of the contract and annually thereafter, as required.

c. Failure to complete the mandatory annual training and sign the Rules of Behavior annually, within the timeframe required, is grounds for suspension or termination of all physical or electronic access privileges and removal from work on the contract until such time as the training and documents are complete.

(End of Clause)

4.38 52.252-2 CLAUSES INCORPORATED BY REFERENCE (FEB 1998)

This contract incorporates one or more clauses by reference, with the same force and effect as if they were given in full text. Upon request, the Contracting Officer will make their full text available. Also, the full text of a clause may be accessed electronically at this/these address(es):

<http://www.acquisition.gov/far/index.html>

<http://www.va.gov/oamm/oa/ars/policyreg/vaar/index.cfm>

(End of Clause)

52.202-1	DEFINITIONS	JAN 2012
52.203-3	GRATUITIES	APR 1984
52.203-5	COVENANT AGAINST CONTINGENT FEES	APR 1984
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT	SEP 2006
52.203-7	ANTI-KICKBACK PROCEDURES	OCT 2010
52.203-8	CANCELLATION, RESCISSION, AND RECOVERY OF FUNDS FOR ILLEGAL OR IMPROPER ACTIVITY	JAN 1997
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY	JAN 1997
52.203-12	LIMITATION ON PAYMENTS TO INFLUENCE CERTAIN FEDERAL TRANSACTIONS	OCT 2010
52.203-13	CONTRACTOR CODE OF BUSINESS ETHICS AND CONDUCT	APR 2010
52.204-4	PRINTED OR COPIED DOUBLE-SIDED ON RECYCLED PAPER	MAY 2011
52.204-7	CENTRAL CONTRACTOR REGISTRATION	FEB 2012
52.204-9	PERSONAL IDENTITY VERIFICATION OF CONTRACTOR PERSONNEL	JAN 2011
52.204-10	REPORTING EXECUTIVE COMPENSATION AND FIRST-TIER SUBCONTRACT AWARDS	FEB 2012
52.209-6	PROTECTING THE GOVERNMENT'S INTEREST WHEN SUBCONTRACTING WITH CONTRACTORS DEBARRED, SUSPENDED, OR PROPOSED FOR	DEC 2010

52.209-10	DEBARMENT PROHIBITION ON CONTRACTING WITH INVERTED DOMESTIC CORPORATIONS	MAY 2011
52.210-1	MARKET RESEARCH	APR 2011
52.211-13	TIME EXTENSIONS	SEP 2000
52.215-2	AUDIT AND RECORDS--NEGOTIATION	OCT 2010
52.219-4	NOTICE OF PRICE EVALUATION PREFERENCE FOR HUBZONE SMALL BUSINESS CONCERNS	JAN 2011
52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS	JAN 2011
52.219-9	SMALL BUSINESS SUBCONTRACTING PLAN ALTERNATE III (JUL 2010)	JAN 2011
52.219-16	LIQUIDATED DAMAGES--SUBCONTRACTING PLAN	JAN 1999
52.219-25	SMALL DISADVANTAGED BUSINESS PARTICIPATION PROGRAM--DISADVANTAGED STATUS AND REPORTING	DEC 2010
52.222-3	CONVICT LABOR	JUN 2003
52.222-4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT-OVERTIME COMPENSATION	JUL 2005
52.222-6	DAVIS-BACON ACT	JUL 2005
52.222-7	WITHHOLDING OF FUNDS	FEB 1988
52.222-8	PAYROLLS AND BASIC RECORDS	JUN 2010
52.222-9	APPRENTICES AND TRAINEES	JUL 2005
52.222-10	COMPLIANCE WITH COPELAND ACT REQUIREMENTS	FEB 1988
52.222-11	SUBCONTRACTS (LABOR STANDARDS)	JUL 2005
52.222-12	CONTRACT TERMINATION - DEBARMENT	FEB 1988
52.222-13	COMPLIANCE WITH DAVIS-BACON AND RELATED ACT REGULATIONS	FEB 1988
52.222-14	DISPUTES CONCERNING LABOR STANDARDS	FEB 1988
52.222-15	CERTIFICATION OF ELIGIBILITY	FEB 1988
52.222-21	PROHIBITION OF SEGREGATED FACILITIES	FEB 1999
52.222-26	EQUAL OPPORTUNITY	MAR 2007
52.222-27	AFFIRMATIVE ACTION COMPLIANCE REQUIREMENTS FOR CONSTRUCTION	FEB 1999
52.222-35	EQUAL OPPORTUNITY FOR VETERANS	SEP 2010
52.222-36	AFFIRMATIVE ACTION FOR WORKERS WITH DISABILITIES	OCT 2010
52.222-37	EMPLOYMENT REPORTS ON VETERANS	SEP 2010
52.222-50	COMBATING TRAFFICKING IN PERSONS	FEB 2009
52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA ALTERNATE I (JUL 1995)	JAN 1997
52.223-5	POLLUTION PREVENTION AND RIGHT-TO-KNOW INFORMATION	MAY 2011
52.223-6	DRUG-FREE WORKPLACE	MAY 2001
52.223-18	ENCOURAGING CONTRACTOR POLICIES TO BAN TEXT MESSAGING WHILE DRIVING	AUG 2011
52.225-13	RESTRICTIONS ON CERTAIN FOREIGN PURCHASES	JUN 2008
52.227-1	AUTHORIZATION AND CONSENT	DEC 2007

52.227-2	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT	DEC 2007
52.227-4	PATENT INDEMNITY--CONSTRUCTION CONTRACTS	DEC 2007
52.228-2	ADDITIONAL BOND SECURITY	OCT 1997
52.228-11	PLEDGES OF ASSETS	JAN 2012
52.228-12	PROSPECTIVE SUBCONTRACTOR REQUESTS FOR BONDS	OCT 1995
52.228-14	IRREVOCABLE LETTER OF CREDIT	DEC 1999
52.228-15	PERFORMANCE AND PAYMENT BONDS--CONSTRUCTION	OCT 2010
52.229-3	FEDERAL, STATE, AND LOCAL TAXES	APR 2003
52.232-5	PAYMENTS UNDER FIXED-PRICE CONSTRUCTION CONTRACTS	SEP 2002
52.232-17	INTEREST	OCT 2010
52.232-23	ASSIGNMENT OF CLAIMS	JAN 1986
52.232-27	PROMPT PAYMENT FOR CONSTRUCTION CONTRACTS	OCT 2008
52.232-34	PAYMENT BY ELECTRONIC FUNDS TRANSFER--OTHER THAN CENTRAL CONTRACTOR REGISTRATION	MAY 1999
52.232-38	SUBMISSION OF ELECTRONIC FUNDS TRANSFER INFORMATION WITH OFFER	MAY 1999
52.233-1	DISPUTES ALTERNATE I (DEC 1991)	JUL 2002
52.233-3	PROTEST AFTER AWARD	AUG 1996
52.233-4	APPLICABLE LAW FOR BREACH OF CONTRACT CLAIM	OCT 2004
52.236-2	DIFFERING SITE CONDITIONS	APR 1984
52.236-3	SITE INVESTIGATION AND CONDITIONS AFFECTING THE WORK	APR 1984
52.236-5	MATERIAL AND WORKMANSHIP	APR 1984
52.236-6	SUPERINTENDENCE BY THE CONTRACTOR	APR 1984
52.236-7	PERMITS AND RESPONSIBILITIES	NOV 1991
52.236-8	OTHER CONTRACTS	APR 1984
52.236-10	OPERATIONS AND STORAGE AREAS	APR 1984
52.236-11	USE AND POSSESSION PRIOR TO COMPLETION	APR 1984
52.236-12	CLEANING UP	APR 1984
52.236-13	ACCIDENT PREVENTION	NOV 1991
52.236-17	LAYOUT OF WORK	APR 1984
52.236-26	PRECONSTRUCTION CONFERENCE	FEB 1995
52.242-13	BANKRUPTCY	JUL 1995
52.242-14	SUSPENSION OF WORK	APR 1984
52.243-4	CHANGES	JUN 2007
52.244-5	COMPETITION IN SUBCONTRACTING	DEC 1996
52.244-6	SUBCONTRACTS FOR COMMERCIAL ITEMS	DEC 2010
52.246-12	INSPECTION OF CONSTRUCTION	AUG 1996
52.246-21	WARRANTY OF CONSTRUCTION	MAR 1994
52.248-3	VALUE ENGINEERING--CONSTRUCTION	OCT 2010
52.249-2	TERMINATION FOR CONVENIENCE OF THE GOVERNMENT (FIXED PRICE) ALTERNATE I (SEPT 1996)	APR 2012

4.39 52.222-54 EMPLOYMENT ELIGIBILITY VERIFICATION (JAN 2009)

(a) Definitions. As used in this clause--

"Commercially available off-the-shelf (COTS) item"--

(1) Means any item of supply that is--

(i) A commercial item (as defined in paragraph (1) of the definition at 2.101);

(ii) Sold in substantial quantities in the commercial marketplace; and

(iii) Offered to the Government, without modification, in the same form in which it is sold in the commercial marketplace; and

(2) Does not include bulk cargo, as defined in section 3 of the Shipping Act of 1984 (46U.S.C. App. 1702), such as agricultural products and petroleum products. Per 46 CFR 525.1(c)(2), "bulk cargo" means cargo that is loaded and carried in bulk onboard ship without mark or count, in a loose unpackaged form, having homogenous characteristics. Bulk cargo loaded into intermodal equipment, except LASH or Seabee barges, is subject to mark and count and, therefore, ceases to be bulk cargo.

"Employee assigned to the contract" means an employee who was hired after November 6, 1986, who is directly performing work, in the United States, under a contract that is required to include the clause prescribed at 22.1803. An employee is not considered to be directly performing work under a contract if the employee--

(1) Normally performs support work, such as indirect or overhead functions; and

(2) Does not perform any substantial duties applicable to the contract.

"Subcontract" means any contract, as defined in 2.101, entered into by a subcontractor to furnish supplies or services for performance of a prime contract or a subcontract. It includes but is not limited to purchase orders, and changes and modifications to purchase orders.

"Subcontractor" means any supplier, distributor, vendor, or firm that furnishes supplies or services to or for a prime Contractor or another subcontractor.

"United States", as defined in 8 U.S.C. 1101(a)(38), means the 50 States, the District of Columbia, Puerto Rico, Guam, and the U.S. Virgin Islands.

(b) Enrollment and verification requirements.

(1) If the Contractor is not enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall--

(i) Enroll. Enroll as a Federal Contractor in the E-Verify program within 30 calendar days of contract award;

(ii) Verify all new employees. Within 90 calendar days of enrollment in the E-Verify program, begin to use E-Verify to initiate verification of employment eligibility of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); and

(iii) Verify employees assigned to the contract. For each employee assigned to the contract, initiate verification within 90 calendar days after date of enrollment or within 30 calendar days of the employee's assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(2) If the Contractor is enrolled as a Federal Contractor in E-Verify at time of contract award, the Contractor shall use E-Verify to initiate verification of employment eligibility of--

(i) All new employees.

(A) Enrolled 90 calendar days or more. The Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or

(B) Enrolled less than 90 calendar days. Within 90 calendar days after enrollment as a Federal Contractor in E-Verify, the Contractor shall initiate verification of all new hires of the Contractor, who are working in the United States, whether or not assigned to the contract, within 3 business days after the date of hire (but see paragraph (b)(3) of this section); or

(ii) Employees assigned to the contract. For each employee assigned to the contract, the Contractor shall initiate verification within 90 calendar days after date of contract award or within 30 days after assignment to the contract, whichever date is later (but see paragraph (b)(4) of this section).

(3) If the Contractor is an institution of higher education (as defined at 20 U.S.C. 1001(a)); a State or local government or the government of a Federally recognized Indian tribe; or a surety performing under a takeover agreement entered into with a Federal agency pursuant to a performance bond, the Contractor may choose to verify only employees assigned to the contract, whether existing employees or new hires. The Contractor shall follow the applicable verification requirements at (b)(1) or (b)(2), respectively, except that any requirement for verification of new employees applies only to new employees assigned to the contract.

(4) Option to verify employment eligibility of all employees. The Contractor may elect to verify all existing employees hired after November 6, 1986, rather than just those employees assigned to the contract. The Contractor shall initiate verification for each existing employee working in the United States who was hired after November 6, 1986, within 180 calendar days of--

(i) Enrollment in the E-Verify program; or

(ii) Notification to E-Verify Operations of the Contractor's decision to exercise this option, using the contact information provided in the E-Verify program Memorandum of Understanding (MOU).

(5) The Contractor shall comply, for the period of performance of this contract, with the requirements of the E-Verify program MOU.

(i) The Department of Homeland Security (DHS) or the Social Security Administration (SSA) may terminate the Contractor's MOU and deny access to the E-Verify system in accordance with the terms of the MOU. In such case, the Contractor will be referred to a suspension or debarment official.

(ii) During the period between termination of the MOU and a decision by the suspension or debarment official whether to suspend or debar, the Contractor is excused from its obligations under paragraph (b) of this clause. If the suspension or debarment official determines not to suspend or debar the Contractor, then the Contractor must reenroll in E-Verify.

(c) Web site. Information on registration for and use of the E-Verify program can be obtained via the Internet at the Department of Homeland Security Web site: <http://www.dhs.gov/E-Verify>.

(d) Individuals previously verified. The Contractor is not required by this clause to perform additional employment verification using E-Verify for any employee--

(1) Whose employment eligibility was previously verified by the Contractor through the E-Verify program;

(2) Who has been granted and holds an active U.S. Government security clearance for access to confidential, secret, or top secret information in accordance with the National Industrial Security Program Operating Manual; or

(3) Who has undergone a completed background investigation and been issued credentials pursuant to Homeland Security Presidential Directive (HSPD)-12, Policy for a Common Identification Standard for Federal Employees and Contractors.

(e) Subcontracts. The Contractor shall include the requirements of this clause, including this paragraph (e) (appropriately modified for identification of the parties), in each subcontract that--

(1) Is for--

(i) Commercial or noncommercial services (except for commercial services that are part of the purchase of a COTS item (or an item that would be a COTS item, but for minor modifications), performed by the COTS provider, and are normally provided for that COTS item); or

(ii) Construction;

(2) Has a value of more than \$3,000; and

(3) Includes work performed in the United States.

(End of Clause)

General Decision Number: WA120036 04/27/2012 WA36

Superseded General Decision Number: WA20100051

State: Washington

Construction Type: Building

County: King County in Washington.

BUILDING CONSTRUCTION PROJECTS (does not include single family homes or apartments up to and including 4 stories).

Modification Number	Publication Date
0	01/06/2012
1	01/27/2012
2	02/10/2012
3	03/02/2012
4	03/16/2012
5	03/23/2012
6	04/13/2012
7	04/20/2012
8	04/27/2012

ASBE0007-002 06/01/2010

	Rates	Fringes
ASBESTOS WORKER/HEAT & FROST INSULATOR.....	\$ 38.93	13.75

BRWA0001-011 06/01/2011

	Rates	Fringes
Bricklayers, Caulkers.....	\$ 34.20	13.27

CARP0770-020 06/01/2010

	Rates	Fringes
CARPENTER (Acoustical Installation).....	\$ 35.55	13.08
CARPENTER (Including Formwork, Drywall Hanging, Cabinet Installation; Insulator-Batt and Metal Stud Installation).....	\$ 35.39	13.08
MILLWRIGHT.....	\$ 36.39	13.08
PILEDRIVERMAN.....	\$ 35.59	13.08

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - ALL
CLASSIFICATIONS EXCEPT MILLWRIGHTS AND PILEDRIERS)

Hourly Zone Pay shall be paid on jobs located outside of the
free zone computed from the city center of the following

listed cities:

Seattle	Olympia	Bellingham
Auburn	Bremerton	Anacortes
Renton	Shelton	Yakima
Aberdeen-Hoquiam	Tacoma	Wenatchee
Ellensburg	Everett	Port Angeles
Centralia	Mount Vernon	Sunnyside
Chelan	Pt. Townsend	

Zone Pay:

0 -25 radius miles	Free
26-35 radius miles	\$1.00/hour
36-45 radius miles	\$1.15/hour
46-55 radius miles	\$1.35/hour
Over 55 radius miles	\$1.55/hour

(HOURLY ZONE PAY: WESTERN AND CENTRAL WASHINGTON - MILLWRIGHT
AND PILEDRIVER ONLY)

Hourly Zone Pay shall be computed from Seattle Union Hall,
Tacoma City center, and Everett City center

Zone Pay:

0 -25 radius miles	Free
26-45 radius miles	\$.70/hour
Over 45 radius miles	\$1.50/hour

ELEC0046-006 06/01/2011

	Rates	Fringes
ELECTRICIAN.....	\$ 40.79	3%+16.93

ELEC0046-007 03/05/2012

	Rates	Fringes
ELECTRICIAN (Alarm Installation Only).....	\$ 27.28	10.29
ELECTRICIAN (Low Voltage Wiring Only).....	\$ 27.28	10.29

ELEV0019-005 01/01/2012

	Rates	Fringes
ELEVATOR MECHANIC.....	\$ 46.54	23.535+a+b

FOOTNOTE:

- Employer contributes 8% of the basic hourly rate
for over 5 year's service and 6% of the basic
hourly rate for 6 months to 5 years' of service
as vacation paid credit.
- Eight paid holidays: New Year's Day; Memorial Day;
Independence Day; Labor Day; Veteran's Day; Thanksgiving
Day; Friday after Thanksgiving and Christmas Day

ENGI0302-019 06/01/2011

	Rates	Fringes
Power equipment operators:		
Group 1A.....	\$ 35.79	15.15
Group 1AA.....	\$ 36.36	15.15
Group 1AAA.....	\$ 36.92	15.15
Group 1.....	\$ 35.24	15.15
Group 2.....	\$ 34.75	15.15
Group 3.....	\$ 34.33	15.15
Group 4.....	\$ 31.97	15.15

POWER EQUIPMENT OPERATORS CLASSIFICATIONS

GROUP 1AAA - Cranes-over 300 tons, or 300 ft of boom
(including jib with attachments)

GROUP 1AA - Cranes 200 to 300 tons, or 250 ft of boom
(including jib with attachments); Excavator/Trackhoe: Over
90 metric tons

GROUP 1A - Cranes, 100 tons thru 199 tons, or 150 ft of boom
(including jib with attachments); Loaders-overhead, 8 yards
and over; excavator/Trackhoe: over 50 metric tons to 90
metric tons

GROUP 1 - Cranes 45 tons thru 99 tons, under 150 ft of boom
(including jib with attachments); Excavator/Trackhoe: over
30 metric tons to 50 metric tons; Loader- overhead 6 yards
to, but not including 8 yards; Dozer D-10; Screedman;
Scrapers: 45 yards and over; Grader/Blade

GROUP 2 - Cranes, 20 tons thru 44 tons with attachments;
Drilling machine; Excavator/Trackhoe: 15 to 30 metric tons;
Horizontal/directional drill operator; Loaders-overhead
under 6 yards; Crane Oiler-100 Tons and Over; Compactor;
Scraper: under 45 tons

GROUP 3 - Cranes-thru 19 tons with attachments; Dozers-D-9
and under; Motor patrol grader-nonfinishing; Roller-Plant
Mix; Crane Oiler under 100 tons; Excavator/Trackhoe: under
15 metric tons; Forklift: 3000 lbs and over with
attachments; Service Oiler; Concrete Pump; Outside Hoist
(Elevators and Manlifts); Pump Grout

GROUP 4 - Roller-other than plant mix; Forklift: under 3000
lbs with attachments; Bobcat; Rigger/Bellman

IRON0086-010 01/01/2012

	Rates	Fringes
IRONWORKER (Reinforcing, Structural and Ornamental).....	\$ 37.89	20.10

LABO0001-016 06/01/2009

ZONE 1:

	Rates	Fringes
Laborers:		
GROUP 2.....	\$ 24.86	9.07
GROUP 3.....	\$ 30.96	9.07
GROUP 4.....	\$ 31.70	9.07
GROUP 5.....	\$ 32.21	9.07

ZONE DIFFERENTIAL (ADD TO ZONE 1 RATES):

ZONE 2 - \$1.00

ZONE 3 - \$1.30

BASE POINTS: BELLINGHAM, MT. VERNON, EVERETT, SEATTLE, KENT,
TACOMA, OLYMPIA, CENTRALIA, ABERDEEN, SHELTON, PT.
TOWNSEND, PT. ANGELES, AND BREMERTON

ZONE 1 - Projects within 25 radius miles of the respective
city hall

ZONE 2 - More than 25 but less than 45 radius miles from the
respective city hall

ZONE 3 - More than 45 radius miles from the respective city
hall

LABORERS CLASSIFICATIONS

GROUP 2: Flagman

GROUP 3: General Laborer; Mason Tender-Cement/Concrete;
Chipping Gun (under 30 lbs.); Form Stripping; Roof Tearoff

GROUP 4: Chipping Gun (over 30 lbs.); Concrete Saw Operator;
Grade Checker; Gunite; Pipe Layer; Vibrating Plate

GROUP 5: Mason Tender-Brick

PAIN0005-029 07/01/2011

	Rates	Fringes
DRYWALL FINISHER/TAPER.....	\$ 33.87	14.32

PAIN0005-030 07/01/2010

	Rates	Fringes
Painters:		
Parking Lot and Highway Striping Only.....	\$ 27.74	11.66

PAIN0005-031 07/01/2011

	Rates	Fringes
--	-------	---------

PAIN0188-005 07/01/2011		
	Rates	Fringes
GLAZIER.....	\$ 37.30	13.56

PAIN1238-002 03/01/2012		
	Rates	Fringes
SOFT FLOOR LAYER (Including Vinyl and Carpet).....	\$ 28.56	12.57

PLAS0528-002 10/01/2011		
	Rates	Fringes
PLASTERER.....	\$ 32.50	14.13

PLAS0528-004 10/01/2011		
	Rates	Fringes
CEMENT MASON/CONCRETE FINISHER....	\$ 34.90	14.25

PLUM0032-009 01/01/2012		
	Rates	Fringes
PIPEFITTER.....	\$ 48.66	17.43
PLUMBER (Including HVAC Pipe Installation).....	\$ 48.66	17.43
REFRIGERATION MECHANIC.....	\$ 48.66	17.43

ROOF0054-008 06/01/2011		
	Rates	Fringes
ROOFER (Excluding Metal Roofs)....	\$ 31.57	12.08

SFWA0699-006 01/01/2012		
	Rates	Fringes
SPRINKLER FITTER (Fire Sprinklers).....	\$ 45.22	14.02

SHEE0066-024 01/01/2012		
	Rates	Fringes
Sheet Metal Worker (Including HVAC Duct Work and Installation of HVAC Systems).....	\$ 44.44	22.01

SUWA2009-024 05/22/2009

	Rates	Fringes
LABORER: Driller.....	\$ 17.17	5.36
LABORER: Irrigation.....	\$ 11.58	0.00
LABORER: Landscape.....	\$ 9.73	0.00
LABORER: Overhead Door Installation.....	\$ 22.31	3.44
OPERATOR: Backhoe.....	\$ 29.95	7.20
OPERATOR: Mechanic.....	\$ 24.33	4.33
ROOFER (Metal Roof Only).....	\$ 24.30	4.05
TILE SETTER.....	\$ 18.72	3.35
TRUCK DRIVER: Dump Truck.....	\$ 27.43	0.00

* TEAM0174-005 01/01/2012

	Rates	Fringes
Truck drivers:		
ZONE A:		
GROUP 2:.....	\$ 30.89	16.08

ZONE B (25-45 miles from center of listed cities*): Add \$.70
per hour to Zone A rates.

ZONE C (over 45 miles from centr of listed cities*): Add
\$1.00 per hour to Zone A rates.

*Zone pay will be calculated from the city center of the
following listed cities:

BELLINGHAM	CENTRALIA	RAYMOND	OLYMPIA
EVERETT	SHELTON	ANACORTES	BELLEVUE
SEATTLE	PORT ANGELES	MT. VERNON	KENT
TACOMA	PORT TOWNSEND	ABERDEEN	BREMERTON

TRUCK DRIVERS CLASSIFICATIONS

GROUP 2 - Semi-Trailer Truck

HAZMAT PROJECTS

Anyone working on a HAZMAT job, where HAZMAT certification is
required, shall be compensated as a premium, in addition to
the classification working in as follows:

LEVEL C: +\$.25 per hour - This level uses an air purifying
respirator or additional protective clothing.

LEVEL B: +\$.50 per hour - Uses same respirator protection as

Level A. Supplied air line is provided in conjunction with a chemical "splash suit."
LEVEL A: +\$.75 per hour - This level utilizes a fully-encapsulated suit with a self-contained breathing apparatus or a supplied air line.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

=====

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of "identifiers" that indicate whether the particular rate is union or non-union.

Union Identifiers

An identifier enclosed in dotted lines beginning with characters other than "SU" denotes that the union classification and rate have found to be prevailing for that classification. Example: PLUM0198-005 07/01/2011. The first four letters , PLUM, indicate the international union and the four-digit number, 0198, that follows indicates the local union number or district council number where applicable , i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. The date, 07/01/2011, following these characters is the effective date of the most current negotiated rate/collective bargaining agreement which would be July 1, 2011 in the above example.

Union prevailing wage rates will be updated to reflect any changes in the collective bargaining agreements governing the rate.

Non-Union Identifiers

Classifications listed under an "SU" identifier were derived from survey data by computing average rates and are not union rates; however, the data used in computing these rates may include both union and non-union data. Example: SULA2004-007 5/13/2010. SU indicates the rates are not union rates, LA indicates the State of Louisiana; 2004 is the year of the

survey; and 007 is an internal number used in producing the wage determination. A 1993 or later date, 5/13/2010, indicates the classifications and rates under that identifier were issued as a General Wage Determination on that date.

Survey wage rates will remain in effect and will not change until a new survey is conducted.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- * a Wage and Hour Division letter setting forth a position on a wage determination matter
- * a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour Regional Office for the area in which the survey was conducted because those Regional Offices have responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations
Wage and Hour Division
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative

Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board
U.S. Department of Labor
200 Constitution Avenue, N.W.
Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

=====

END OF GENERAL DECISION

U.S. DEPARTMENT OF VETERANS AFFAIRS (VA)
OFFICE OF SMALL AND DISADVANTAGED BUSINESS UTILIZATION (00SB)
SUBCONTRACTING PLAN MODEL

**In accordance with FAR 19.704, 52.219 and
P.L. 109-461**

Prime Contractor:

Address:

City:

State:

Zipcode:

Solicitation/Contract Number:

Description of Requirement:

Total Contract Amount (Including Option Years): \$

Period of Contract Performance Including Option Years (Month and Year):

Activity Awarding Contract:

Contracting Officer Name:

Prime Contractor is:

- | | |
|---|--|
| <input type="checkbox"/> Architect-Engineer | <input type="checkbox"/> Janitorial |
| <input type="checkbox"/> Blood | <input type="checkbox"/> Laboratory Testing Services |
| <input type="checkbox"/> Bulk Oxygen Services | <input type="checkbox"/> Laundry and Linen Services |
| <input type="checkbox"/> Clinical Diagnostic Equipment | <input type="checkbox"/> Medical Equipment |
| <input type="checkbox"/> Community Based Outpatient Clinic | <input type="checkbox"/> Medical Equipment and Supplies |
| <input type="checkbox"/> Construction | <input type="checkbox"/> Medical Equipment and Supplies
and Pharmaceuticals |
| <input type="checkbox"/> Consulting Services | <input type="checkbox"/> Medical Gas and Medical Bulk
Oxygen |
| <input type="checkbox"/> Dental Equipment | <input type="checkbox"/> Medical Healthcare Services |
| <input type="checkbox"/> Dental Equipment and Supplies | <input type="checkbox"/> Medical Surgical Prime Vendor |
| <input type="checkbox"/> Dental Supplies | <input type="checkbox"/> Niche Markers |
| <input type="checkbox"/> Diagnostic Imaging Equipment and Supplies | <input type="checkbox"/> Pharmaceuticals |
| <input type="checkbox"/> Diagnostic X-Ray and Related Systems and Equipment
Including Installation | <input type="checkbox"/> Pharmaceutical and Cost Per Test |
| <input type="checkbox"/> Dietary Supplements | <input type="checkbox"/> Prosthetics |
| <input type="checkbox"/> Digital Hearing Aids and Batteries | <input type="checkbox"/> Publisher/Subscription Services |
| <input type="checkbox"/> Elevator Maintenance | <input type="checkbox"/> Radiation Therapy Systems |
| <input type="checkbox"/> External Peer Review | <input type="checkbox"/> Real Estate |
| <input type="checkbox"/> Healthcare Staffing | <input type="checkbox"/> Studies |
| <input type="checkbox"/> Home Healthcare Services | <input type="checkbox"/> Support Services |
| <input type="checkbox"/> Home Medical Equipment | <input type="checkbox"/> Telephone System Hardware/
Software Maintenance |
| <input type="checkbox"/> Home Oxygen | <input type="checkbox"/> Transportation |
| <input type="checkbox"/> Information Technology | <input type="checkbox"/> Other (Not Checked) |
| <input type="checkbox"/> InVitro Diagnostics Reagents | |
| <input type="checkbox"/> InVitro Diagnostics Substances_Reagents, Test Kits and
Blood Laboratory | |

Prime Contractor (Please check if you are):

☐ Manufacturer

☐ Distributor

☐ Manufacturer/Distributor

Type of Plan (Check One)

___ Commercial Plan - means a subcontracting plan (including goals) that covers the offeror's fiscal year and that applies to the entire production of commercial items sold by either the entire company or a portion thereof (e.g., division, plant, or product line).

(Represents _____ % of Total Annual Sales)

___ Individual Plan - means a subcontracting plan that covers the entire contract period (including option periods), applies to a specific contract, and has goals that are based on the offeror's planned subcontracting in support of the specific contract, except that indirect costs incurred for common or joint purposes may be allocated on a prorated basis to the contract.

1 - 2. GOALS - Please state separate dollar and percentage goals for Small Business (including Alaska Native Corporation's (ANCs)); Service-Disabled Veteran-Owned Small Business, Veteran-Owned Small Business; Small Disadvantaged, Women-Owned, and Historically Underutilized Business Zone (HUBZone) Small Business Concerns.

QUESTION: What level of subcontracting tier counts towards the prime Contractor subcontracting plan goals?" Example: The prime subcontract's to a large business at a value of \$5.0 mil. The subcontracted large business then, subcontract to a VOSB for \$1.5mil. Does this 2nd tier subcontract amount count towards the prime Contractor's subcontracting goals?

ANSWER: FAR 52.219-9(l): The Contractor shall submit ISRs and SSRs using the web-based eSRS at <http://www.esrs.gov>. Purchases from a corporation, company, or subdivision that is an affiliate of the prime Contractor or subcontractor are not included in these reports. Subcontract award data reported by prime Contractors and subcontractors shall be limited to awards made to their immediate next-tier subcontractors. Credit cannot be taken for awards made to lower tier subcontractors, unless the Contractor or subcontractor has been designated to receive a small business or small disadvantaged business credit from an ANC or Indian tribe. Only direct subcontracting can be counted. For instance, the prime Contractor can only count what it directly subcontracts. If the prime Contractor subcontracts to a LB over \$650,000 and there is flow down subcontracting plan, this LB subcontractor can only count who they directly subcontract too.

NOTE: VA'S REQUIRED PERCENTAGE GOALS ARE SHOWN BELOW. "ZERO" PERCENT VALUE FOR GOALS OR "N/A" ARE UNACCEPTABLE. GOALS AND PERCENTAGES MUST BE

ROUNDED TO THE NEAREST DOLLAR AND TENTH OF A PERCENT. EXAMPLE OF HOW TO CALCULATE THE GOALS:

	<u>DOLLARS</u>	<u>PERCENT</u>
Total Contract Price	\$1,500,000	
Total to be Subcontracted	1,000,000	100%
Subcontract to Small Business (including Alaska Native Corporations (ANC) and Indian tribes)	175,000	17.5%
Subcontract to Service Disabled Veteran-Owned Small Business	30,000	3.0%
Subcontract to Veteran-Owned Small Business	50,000	5.0%
Small Disadvantaged Business (including ANC and Indian tribes)	50,000	5.0%
Women-Owned Small Business	50,000	5.0%
Subcontract to HUBZone Small Businesses	30,000	3.0%

IF PERCENTAGE GOALS BELOW ARE LOWER THAN EXAMPLE ABOVE, PLEASE SUBMIT JUSTIFICATION AS TO WHY.

PLEASE ENTER THE INFORMATION LISTED BELOW:

Total dollars to be subcontracted: \$_____

- ❖ Total dollars to be subcontracted to Small Business (SB) (including Alaska Native Corporation's (ANCs) and Indian tribes):

\$_____ %

- ❖ Total dollars to be subcontracted to Service-Disabled Veteran-Owned Small Business (SDVOSB) – P.L. 109-461 signed by the President December 22, 2006. Goal shall not be less than 3.0%. **NOTE: In accordance with VA Acquisition Regulations 852.219-9(d): To be credited toward goal achievements, businesses must be verified as eligible in the Vendor Information Pages database. The Contractor shall annually submit a listing of service-disabled veteran-owned small businesses and veteran-owned small businesses for which credit toward goal achievement is to be applied for the review of personnel in the Office of Small and Disadvantaged Business Utilization.**

\$_____ %

- ❖ Total dollars to be subcontracted to Veteran-Owned Small Business (VOSB) – P.L. 109-461 signed by the President December 22, 2006. Goal shall not be less than the 7.0% as mandated by the Secretary, Department of Veterans Affairs: **NOTE: In accordance with VA Acquisition Regulations 852.219-9(d): To be credited toward goal achievements, businesses must be verified as**

eligible in the Vendor Information Pages database. The Contractor shall annually submit a listing of service-disabled veteran-owned small businesses and veteran-owned small businesses for which credit toward goal achievement is to be applied for the review of personnel in the Office of Small and Disadvantaged Business Utilization.



\$ _____ %

- ❖ Total dollars to be subcontracted to Small Disadvantaged Business (SDB) (including Alaska Native Corporation's (ANCs) and Indian tribes):

\$ _____ %

- ❖ Total dollars to be subcontracted to Women-Owned Small Business (WOSB):

\$ _____ %

- ❖ Total dollars to be subcontracted to HUBZone Small Business Concerns:

\$ _____ %

- ❖ Total dollars to be subcontracted to Large Business:

\$ _____ %

3. Provide a description of the principal types of supplies and services to be subcontracted under this contract, and an identification of the types planned for subcontracting to small (including ANCs and Indian tribes), service-disabled veteran-owned and veteran-owned small business concerns), small disadvantaged (including ANCs and Indian tribes), women-owned, HUBZone.

**YOU MUST IDENTIFY THE PRODUCTS/SERVICES TO BE SUBCONTRACTED IN EACH CATEGORY.
(EXAMPLE: OFFICE SUPPLIES, MAINTENANCE AND REPAIR)**

PRODUCTS/SERVICES

LARGE BUSINESS

SMALL BUSINESS

SMALL DISADVANTAGED BUSINESS

WOMEN-OWNED SMALL BUSINESS

HUBZONE SMALL BUSINESS

SERVICE-DISABLED VETERAN-OWNED SMALL BUSINESS (SDVOSB) – in accordance with P.L. 109-461, signed by the President December 22, 2006, please list the name, address, and telephone number for each service-disabled and veteran-owned small business concerns as follows. Please ensure that the service-disabled veteran-owned small business concerns are registered in the Central Contractor's Registry www.ccr.gov and the Vendor Information Pages www.vetbiz.gov. If more than one, please utilize the format listed below to indicate additional service-disabled veteran-owned small business:

NOTE: In accordance with VA Acquisition Regulations 852.219-9(d): To be credited toward goal achievements, businesses must be verified as eligible in the Vendor Information Pages database. The Contractor shall annually submit a listing of service-disabled veteran-owned small businesses and veteran-owned small businesses for which credit toward goal achievement is to be applied for the review of personnel in the Office of Small and Disadvantaged Business Utilization.

Name of SDVOSB:

Address:

City/State/Zipcode:

Email address of point of contact:

Telephone:

FAX:

VETERAN-OWNED SMALL BUSINESS (VOSB) - In accordance with P.L. 109-461, signed by President December 22, 2006, please list the name, address, and telephone number for each veteran-owned small business concerns as follows. Please ensure that the veteran-owned small business concerns are registered in the Central Contractor's Registry www.ccr.gov and the Vendor Information Pages www.vip.vetbiz.gov. If more than one, please utilize the format listed below to indicate additional veteran-owned small business:

NOTE: In accordance with VA Acquisition Regulations 852.219-9(d): To be credited toward goal achievements, businesses must be verified as eligible in the Vendor Information Pages database. The Contractor shall annually submit a listing of service-disabled veteran-owned small businesses and veteran-owned small businesses for which credit toward goal achievement is to be applied for the review of personnel in the Office of Small and Disadvantaged Business Utilization.

Name of VOSB:

Address:
City/State/Zipcode:
Email address of point of contact:
Telephone:

FAX:

In accordance with P.L. 109-461, verification process is mandated to certify that the service-disabled and veteran-owned small business concerns listed for subcontracting opportunities do have a subcontract with you as the prime Contractor.

This information will be a report to the Department of Veterans Affairs, Office of Small and Disadvantaged Business Utilization (OSDBU) on a quarterly basis, (form attached) for the service-disabled and veteran-owned small business concerns to report.

4. A description of the method used to develop the subcontracting goals.

5. A description of the method used to identify potential sources for solicitation purposes (e.g., existing company source lists, the Central Contractor Registration database (CCR), veterans service organizations, the National Minority Purchasing Council Vendor Information Service, the Research and Information Division of the Minority Business Development Agency in the U.S. Department of Commerce, or small, HUBZone, small disadvantaged and women-owned small business trade associations). A firm may rely on the information contained in CCR as an accurate representation of a concern's size and ownership characteristics for the purposes of maintaining a small, veteran-owned small, service-disabled veteran-owned small, HUBZone small, small disadvantaged, and women-owned small business source list. Use of CCR as its source list does not relieve a firm of its responsibilities (e.g., outreach, assistance, counseling, or publicizing subcontracting opportunities)

NOTE: VA expects Contractors to advertise subcontracting opportunities at:
<http://www.sba.gov/subnet>. Contractors should also search the Vendor Information Pages (VIP) Database at the Vetbiz.gov web portal
<http://www.vip.vetbiz.gov/default.asp>), to ensure maximum practicable consideration in subcontracting with Veteran-Owned and Service-Disabled Veteran-Owned Small Businesses.

6. A statement as to whether or not the offeror included indirect costs in establishing subcontracting goals, and a description of the method used to determine the proportionate share of indirect costs to be incurred with small business (including ANC and Indian tribes); service-disabled veteran-owned small business; veteran-owned small business; small disadvantaged business concern (including ANC and Indian tribes); women-owned small business, and HUBZone small business concerns.

☐ Yes ☐ No

7. Name of the individual employed by the offeror who will administer the offeror's subcontracting program and a description of the duties of the individual.

SUBCONTRACTING PLAN ADMINISTRATOR

NAME:

TITLE:

ADDRESS:

CITY:

STATE: ZIPCODE: _

TELEPHONE:

FAX NUMBER:

E-MAIL:

DUTIES: List duties and responsibilities of the Plan Administrator and a statement of the extent and scope of the Plan Administrator's authority in subcontracting source selections:

Attach duties of the Subcontracting Plan Administrator

8. A description of the efforts the offeror will make to assure that small business, service-disabled veteran-owned small business; veteran-owned small business, small disadvantaged business, women-owned small business and HUBZone small business concerns have an equitable opportunity to compete for subcontracts.

9. Assurances that the offeror will include the clause of this contract entitled "Utilization of Small Business Concerns" in all subcontracts that offer further subcontracting opportunities, and that the offeror will require all subcontractors (except small business concerns) that receive subcontracts in excess of \$650,000 (\$1,500,000 for construction) to adopt a subcontracting plan that complies with the requirements of this clause.

☐ Yes

☐ No

10. Assurances that the offeror will—

- (i) cooperate in any studies or surveys as may be required;
- (ii) Submit periodic reports so that the Government can determine the extent of compliance by the offeror with the subcontracting plan;
- (iii) Submit the Subcontracting Report for Individual Contracts (ISR) and/or the Summary Subcontract Report (SSR), in accordance using the Electronic Subcontracting Reporting System (eSRS) at <http://www.esrs.gov> following the instruction in the eSRS;
- (iv) Ensure that its subcontractors with subcontracting plans agree to submit the ISR and/or the SSR using eSRS;
- (v) (v) Provide its prime contract number, its DUNS number, and the e-mail address of the Government or Contractor official responsible for acknowledging or rejecting the reports, to all first-tier subcontractors with subcontracting plans so they can enter this information into the eSRS when submitting their reports; and
- (vi) Require that each subcontractor with a subcontracting plan provide the prime contract number, its own DUNS number, and the e-mail address of the Government or Contractor official responsible for acknowledging or rejecting the reports, to its subcontractors with subcontracting plans.

☐ Yes

☐ No

NOTE: When entering your subcontracting information, you must include the email address of the following individuals whom will be reviewing the Subcontracting Report for Individual Contracts ISR 294, as well as, SSR 295 “Summary Subcontracting Report”.

Reporting Agency (Veterans Affairs, Department of (3600)

Please enter the Contracting Officer’s email address:

11. A description of the types of records that will be maintained concerning procedures that have been adopted to comply with the requirements and goals in the plan, including establishing source lists; and a description of the offeror’s efforts to locate small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns and award subcontracts to them. The records shall include at least the following (on a plant-wide or company-wide basis, unless otherwise indicated):

(i) Source lists (e.g., CCR, Vendor Information Pages (VIP) Database at the Vetbiz.gov web portal (www.vetbiz.gov), to ensure maximum practicable consideration of Veteran-Owned and Service-Disabled Veteran-Owned Small Businesses:), guides, and other data that identify small business, veteran-owned small business, service-disabled

veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns.

(ii) Organizations contacted in an attempt to locate sources that are small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, or women-owned small business concerns.

(iii) Records on each subcontract solicitation resulting in an award of more than \$150,000, indicating:

- (A) Whether small business concerns were solicited and, if not, why not;
- (B) Whether veteran-owned small business concerns were solicited and, if not, why not;
- (C) Whether service-disabled veteran-owned small business concerns were solicited and, if not, why not;
- (D) Whether HUBZone small business concerns were solicited and, if not, why not;
- (E) Whether small disadvantaged business concerns were solicited and, if not, why not;
- (F) Whether women-owned small business concerns were solicited and, if not, why not; and
- (G) If applicable, the reason award was not made to a small business concern.

(iv) Records of any outreach efforts to contact:

- (A) Trade associations;
- (B) Business development organizations;
- (C) Conferences and trade fairs to locate small, HUBZone small, small disadvantaged, and women-owned small business sources; and
- (D) Veterans service organizations.

(v) Records of internal guidance and encouragement provided to buyers through:

- (A) Workshops, seminars, training, etc.;
- (B) Monitoring performance to evaluate compliance with the program's requirements.

(vi) On a contract-by-contract basis, records to support award data submitted by the offeror to the Government, including the name, address, and business size of each subcontractor.

(vii) Contractors having commercial plans need not comply with this requirement.

(e) In order to effectively implement this plan to the extent consistent with efficient contract performance, the Contractor shall perform the following functions:

(1) Assist small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns by arranging solicitations, time for the preparation of bids, quantities, specifications, and delivery schedules so as to facilitate the participation by such concerns. Where the Contractor's lists of potential small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business subcontractors are excessively long, reasonable effort shall be made to give all such small business concerns an opportunity to compete over a period of time.

(2) Provide adequate and timely consideration of the potentialities of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business concerns in all "make-or-buy" decisions.

(3) Counsel and discuss subcontracting opportunities with representatives of small business, veteran-owned small business, service-disabled veteran-owned small business, HUBZone small business, small disadvantaged business, and women-owned small business firms.

(4) Confirm that a subcontractor representing itself as a HUBZone small business concern is identified as a certified HUBZone small business concern by accessing the Central Contractor Registration (CCR) database or by contacting SBA.

(5) Provide notice to subcontractors concerning penalties and remedies for misrepresentations of business status as small, veteran-owned small business, HUBZone small, small disadvantaged, or women-owned small business for the purpose of obtaining a subcontract that is to be included as part or all of a goal contained in the Contractor's subcontracting plan.

SIGNATURES REQUIRED

PRIME CONTRACTOR: _____ DATE: _____

PRINT/TYPE NAME:

TITLE:

DATE:

EMAIL:

CONTRACTING OFFICER NAME WHO

APPROVED BY: _____ DATE: _____

TYPE NAME:

TITLE:

EMAIL:

FOR COMMERCIAL PLANS ONLY

Effective period of this subcontracting plan is:

_____ thru _____

CONTRACTING OFFICER NAME WHO

APPROVED BY: _____ DATE: _____

TYPE NAME:

TITLE:

EMAIL:

**PAST PERFORMANCE
SUBCONTRACTING ACCOMPLISHMENTS**

	PRIOR YEAR GOALS	PRIOR YEAR ACCOMPLISHMENTS
TOTAL SUBCONTRACTING	\$ _____	\$ _____
SMALL BUSINESS PERCENT	\$ _____ _____ %	\$ _____ _____ %
SMALL DISADVANTAGED PERCENT	\$ _____ _____ %	\$ _____ _____ %
WOMEN-OWNED SMALL BUSINESS PERCENT	\$ _____ _____ %	\$ _____ _____ %
HUBZONE SMALL BUSINESS PERCENT	\$ _____ _____ %	\$ _____ _____ %
SERVICE-DISABLED VETERAN-OWNED PERCENT	\$ _____ _____ %	\$ _____ _____ %
VETERAN-OWNED PERCENT	\$ _____ _____ %	\$ _____ _____ %

**CERTIFY THAT THE ABOVE SUBCONTRACTING ACCOMPLISHMENTS ARE ACCURATE AND
WAS ALSO ENTERED IN THE ELECTRONIC SUBCONTRACTING REPORTING SYSTEM (eSRS)
FOR REPORT PERIOD:**

YEAR: _____

☐ **YES**

☐ **NO**

PAST PERFORMANCE QUESTIONNAIRE

The Department of Veterans Affairs Office of Construction and Facilities Management (CFM) is considering the Offeror listed below for award of a General Construction contract - **CORRECTION OF SEISMIC DEFICIENCIES, BUILDING 100 NURSING TOWER AND COMMUNITY LIVING CENTER, PROJECT NO. 663-406 , VA PUGET SOUND HEALTHCARE SYSTEM, SEATTLE DIVISION, WA**

Your comments would be appreciated regarding this firm's past performance. The intent of this form is to evaluate the company's ability to perform the work as described in the solicitation.

Please complete the enclosed questionnaire as thoroughly as possible. Space is provided for comments.

In addition to submitting this questionnaire, the VA CFM may contact you in order to obtain any additional information regarding a contract award.

Please email your completed questionnaire to ronald.ferrer@va.gov or fax to 707-562-8348, attention Ronald Ferrer by **June 14, 2012 at 1:00PM Pacific Time.**

If you have questions regarding the attached questionnaire, or require assistance, please email Ronald Ferrer at ronald.ferrer@va.gov.

Past Performance Information:

Name and Address of Company (Offeror) being evaluated:

Contract Number/Delivery or Task Order Number, Title, & Location of project the Offeror performed:

Evaluator: (The following information will assist in the analysis of the data. Information will be kept confidential)

Name of Evaluator:

Address:

Phone Number:

Position held or function in relation to project:

Rating: Please evaluate the past performance using only the following ratings without variation. **DO NOT RATE ON A "+" OR "-" SCALE.** If a "+" or "-" is used, the rating without the "+" or "-" will be applied. In addition to the ratings, please provide a short narrative in the appropriate block or in the remarks section of this form.

"O"	Outstanding	The Offeror's performance met contractual requirements and exceeded many requirements to the Client's benefit. The contractual performance was accomplished with few minor problems for which corrective actions taken by the offeror were highly effective.
"A"	Above Average	The Offeror's performance met contractual requirements and exceeded some requirements to the Client's benefit. The contractual performance was accomplished with some minor problems for which corrective actions taken by the offeror were effective.
"S"	Satisfactory	The Offeror's performance met contractual requirements. The contractual performance contained some minor problems for which corrective actions taken by the offeror were satisfactory.
"M"	Marginal	Performance did not meet some contractual requirements. Performance indicated that there are some potential risks associated with the quality products, timeliness of service, and contract performance.
"U"	Unacceptable	Performance did not meet contractual requirements. The contractual performance reflected a serious problem for which the offeror has yet to identify corrective actions or the offeror's proposed actions appear only marginally effective or were not fully implemented.

Please rate and provide any supporting information/comments for the following:	
1. The relationship between the General Construction Contractor and client/customer contract team:	O A S M U
2. The General Construction Contractor's management and coordination of consultants / subcontractors:	O A S M U
3. Overall corporate management, integrity, reasonableness, and cooperative conduct:	O A S M U
4. Quality of work:	O A S M U
5. Quality control procedures and execution:	O A S M U
6. Management and adherence to the performance schedule and cost limits:	O A S M U
7. Ability/actions to improve schedule problems, if applicable:	O A S M U
8. Compliance with labor and safety standards.	O A S M U

9. Was the customer satisfied with the end product? If no, please explain.	Yes No
10. Has the firm being evaluated been provided an opportunity to discuss or respond to any negative comments or performance ratings? If so, what were the results?	Yes No N/A
11. Additional remarks:	
12. Overall rating for this firm:	O A S M U
Signature of Evaluator:	
Date:	

PLEASE NOTE: Contractors may be advised of adverse remarks and given the opportunity to respond in accordance with Federal Acquisition Regulation requirements.

RELEASE OF CLAIMS

For and in consideration of the payments heretofore made, and payment of final installment now due by reason of performance of Contract No. _____

¹
dated _____, the undersigned Contractor hereby releases and discharges the United States of America from any and all claims arising under or by virtue of said contract, except as follows:

(In this space describe and list in stated amounts excepted claims, if any; otherwise this release will be considered as free of all claims. If no claims reserved, insert NONE.)

IN WITNESS WHEREOF, This release has been duly executed this

_____ day of _____.

Contractor

BY:

signature)

(Print or type name under

(Print or type)

Title

**SECTION 01 00 00
GENERAL REQUIREMENTS**

TABLE OF CONTENTS

1.1 GENERAL INTENTION	108
1.2 STATEMENT OF BID ITEM(S).....	108
1.3 SPECIFICATIONS AND DRAWINGS FOR CONTRACTOR.....	109
1.35 SOFT SEISMIC BRACING REQUIREMENTS.....	109
1.4 CONSTRUCTION SECURITY REQUIREMENTS.....	109
1.5 FIRE SAFETY	110
1.6 OPERATIONS AND STORAGE AREAS	115
1.7 ALTERATIONS.....	119
1.8 INFECTION PREVENTION MEASURES.....	120
1.85 INFECTION CONTROL REQUIREMENTS.....	122
1.9 DISPOSAL AND RETENTION	122
1.10 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS.....	124
1.11 RESTORATION	125
1.12 PHYSICAL DATA	125
1.13 AS-BUILT DRAWINGS	125
1.14 USE OF ROADWAYS	126
1.15 RESIDENT ENGINEER FIELD OFFICE	126
1.16 TEMPORARY USE OF MECHANICAL AND ELECTRICAL EQUIPMENT	128
1.17 TEMPORARY USE OF EXISTING ELEVATORS.....	129
1.18 TEMPORARY TOILETS	129
1.19 AVAILABILITY AND USE OF UTILITY SERVICES	129
1.20 TESTS.....	130
1.21 RELOCATED EQUIPMENT AND ITEMS	131
1.22 CONSTRUCTION SIGN	131
1.23 SAFETY SIGN	131
1.24 PHOTOGRAPHIC DOCUMENTATION.....	132
1.25 DEFINITIONS.....	134

**SECTION 01 00 00
GENERAL REQUIREMENTS**

1.1 GENERAL INTENTION

- A. All work shall be accomplished in compliance with applicable local, state, federal codes, and in accordance with specifications and drawings.
- B. Visits to the site by Bidders may be made only by appointment with the Resident Engineer.
- C. Offices of Stantec Consulting Services, Inc., 901 Market Street, San Francisco. CA 94103, as Architects, will render certain technical services during construction. Such services shall be considered as advisory to the Government and shall not be construed as expressing or implying a contractual act of the Government without affirmations by Contracting Officer or his duly authorized representative.
- D. Before placement and installation of work subject to tests by testing laboratory retained by Department of Veterans Affairs, the Contractor shall notify the Resident Engineer in sufficient time to enable testing laboratory personnel to be present at the site in time for proper taking and testing of specimens and field inspection. Such prior notice shall be not less than three work days unless otherwise designated by the Resident Engineer.
- E. All employees of General Contractor and subcontractors shall comply with VA security management program and obtain permission of the VA police, be identified by project and employer, and restricted from unauthorized access.
- F. Submittals Log: Within 30 days of contract award, the contractor shall provide a Submittals Log listing all the submittals required by this specification section.
- G. 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.
- H. Training:
 - 1. All employees of 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.
 - 2. Submit training records of all such employees for approval before the start of work.
- I. Normal Work Hours: The anticipated normal work hours is 7:30am – 6:00 pm, Monday thru Friday.

1.2 STATEMENT OF BID ITEM(S)

- A. CLIN 001: Main Bid – Correct Seismic Deficiencies Building 100 Nursing Tower and Community Living Center – Structural including Soft Seismic. Period of Performance: 1095 calendar days.

- B. CLIN 001A: Physical Security – Provide separate cost (extract from CLIN001) for portions of the building systems and materials designated on the drawings and in the specifications to provide physical security for the building structure and systems.
- C. CLIN 001B: Asbestos / Hazmat Abatement – Provide separate cost (extract from CLIN 001) for portions of the building systems and materials designated on the drawings and in the specifications to perform asbestos or hazardous materials abatement related work including demolition, removal and disposal.

1.3 SPECIFICATIONS AND DRAWINGS FOR CONTRACTOR

- A. AFTER AWARD OF CONTRACT, two (2) CDs will be provided containing the full set of specifications and drawings.

1.35 SOFT SEISMIC BRACING REQUIREMENTS

Location and elevation of utility lines, including, but not limited to:

1. Gas and medical piping greater than one inch inside diameter
2. Piping in boiler and mechanical equipment rooms greater than 1-1/4" inside diameter
3. All other piping greater than 2" inside diameter except for automatic fire suppression systems
4. All electrical conduits greater than 2" inside diameter
5. All rectangular air handling ducts
6. All round air handling ducts
7. All equipment whether supported from the floor or suspended from the roof or hung from the wall

1.4 CONSTRUCTION SECURITY REQUIREMENTS

- A. Security Plan:
 1. The security plan defines both physical and administrative security procedures that will remain effective for the entire duration of the project.
 2. The General Contractor is responsible for assuring that all sub-Contractors working on the project and their employees also comply with these regulations.
- B. Security Procedures:
 1. General Contractor's employees shall not enter the project site without appropriate badge. They may also be subject to inspection of their personal effects when entering or leaving the project site.
 2. For working outside the "regular hours" as defined in the contract, The General Contractor shall give 3 days notice to the Resident Engineer / Contracting Officer so that security arrangements can be provided for the employees. This notice is separate from any notices required for utility shutdown described later in this section.
 3. No photography of VA premises is allowed without written permission of the Contracting Officer.
 4. VA reserves the right to close down or shut down the project site and order General Contractor's employees off the premises in the event of a national emergency. The General Contractor may return to the site only with the written approval of the Contracting Officer.

C. Key Control:

1. The General Contractor shall provide duplicate keys and lock combinations to the Resident Engineer for the purpose of security inspections of every area of the project including tool boxes and parked machines and take any emergency action.

D. Document Control:

1. Before starting any work, the General Contractor/Sub Contractors shall submit an electronic security memorandum describing the approach to following goals and maintaining confidentiality of "sensitive information".
2. The General Contractor is responsible for safekeeping of all drawings, project manual and other project information. This information shall be shared only with those with a specific need to accomplish the project.
4. Certain documents, sketches, videos or photographs and drawings may be marked "Law Enforcement Sensitive" or "Sensitive Unclassified". Secure such information in separate containers and limit the access to only those who will need it for the project. Return the information to the Contracting Officer upon request.
5. These security documents shall not be removed or transmitted from the project site without the written approval of Contracting Officer.
6. All paper waste or electronic media such as CD's and diskettes shall be shredded and destroyed in a manner acceptable to the VA.
7. Notify Contracting Officer and Site Security Officer immediately when there is a loss or compromise of "sensitive information".
8. All electronic information shall be stored in specified location following VA standards and procedures using an Engineering Document Management Software (EDMS).
 - a. Security, access and maintenance of all project drawings, both scanned and electronic shall be performed and tracked through the EDMS system.
 - b. "Sensitive information" including drawings and other documents may be attached to e-mail provided all VA encryption procedures are followed.

E. Motor Vehicle Restrictions

1. Vehicle authorization request shall be required for any vehicle entering the site and such request shall be submitted 24 hours before the date and time of access. Access shall be restricted to picking up and dropping off materials and supplies.
2. The General Contractor is responsible for providing off-site parking for all general contractor and subcontractor personnel. No on-site parking is provided.

1.5 FIRE SAFETY

- A. Applicable Publications: Publications listed below form part of this Article to extent referenced. Publications are referenced in text by basic designations only.

1. American Society for Testing and Materials (ASTM):
E84-2010 Surface Burning Characteristics of Building Materials
 2. National Fire Protection Association (NFPA):
10-2010..... Standard for Portable Fire Extinguishers
30-2008..... Flammable and Combustible Liquids Code
51B-2009 Standard for Fire Prevention During Welding, Cutting and Other
Hot Work
70-2008..... National Electrical Code
241-2009..... Standard for Safeguarding Construction, Alteration, and
Demolition Operations
 3. Occupational Safety and Health Administration (OSHA):
29 CFR 1926 Safety and Health Regulations for Construction
- B. Fire Safety Plan: Establish and maintain a fire protection program in accordance with 29 CFR 1926. Prior to start of work, prepare a plan detailing project-specific fire safety measures, including periodic status reports, and submit to Resident Engineer and VAPSHS Safety Director for review for compliance with contract requirements in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA AND SAMPLES. Prior to any worker for the Contractor or subcontractors beginning work, they shall undergo a safety briefing provided by the general Contractor's competent person per OSHA requirements. This briefing shall include information on the construction limits, VAMC safety guidelines, means of egress, break areas, work hours, locations of restrooms, use of VAMC equipment, etc. Documentation shall be provided to the Resident Engineer that individuals have undergone Contractor's safety briefing.
- C. Site and Building Access: Maintain free and unobstructed access to facility emergency services and for fire, police and other emergency response forces in accordance with NFPA 241.
- D. Separate temporary facilities, such as trailers, storage sheds, and dumpsters, from existing buildings and new construction by distances in accordance with NFPA 241. For small facilities with less than 6 m (20 feet) exposing overall length, separate by 3m (10 feet).
- E. Temporary Construction Barriers:
1. Install and maintain temporary construction barriers to provide smoke-tight separations between construction areas and adjoining areas. Construct partitions of gypsum board on metal steel studs at locations where temporary construction barrier is required to be fire rated. Extend the barriers through suspended ceilings to floor slab deck or roof. Seal joints and penetrations. At door openings, install Class C, ¾ hour fire/smoke rated doors with self-closing devices.
 2. Install fire-rated temporary construction barriers as shown on drawings to maintain integrity of existing exit stair enclosures, exit passageways, fire-rated enclosures of hazardous areas, horizontal exits, smoke barriers, vertical shafts and openings enclosures.

3. Close openings in smoke barriers and fire-rated construction to maintain fire ratings. Seal penetrations with listed through-penetration firestop materials in accordance with Section 07 84 00, FIRESTOPPING.
 - F. Temporary Heating and Electrical: Install, use and maintain installations in accordance with 29 CFR 1926, NFPA 241 and NFPA 70.
 - G. Means of Egress: Do not block exiting for occupied buildings, including paths from exits to roads. See Drawings and Specifications for specific instructions regarding exiting through designated Contractor laydown space. Minimize disruptions and coordinate with Resident Engineer and VAPSHS Safety Department.
 - H. Egress Routes for Construction Workers: Maintain free and unobstructed egress. Inspect daily. Report findings and corrective actions weekly to Resident Engineer and VAPSHS Safety Department.
 - I. Fire Extinguishers: Provide and maintain extinguishers in construction areas and temporary storage areas in accordance with 29 CFR 1926, NFPA 241 and NFPA 10. Existing base building fire extinguisher cabinets shall not be available for Contractor use.
 - J. Flammable and Combustible Liquids: Store, dispense and use liquids in accordance with 29 CFR 1926, NFPA 241 and NFPA 30.
 - K. Existing Fire Protection: Do not impair automatic sprinklers, smoke and heat detection, and fire alarm systems, except for portions immediately under construction, and temporarily for connections. Provide fire watch for impairments more than 4 hours in a 24-hour period. Request interruptions in accordance with Article, OPERATIONS AND STORAGE AREAS, and coordinate with Resident Engineer and VAPSHS Safety Department. All existing or temporary fire protection systems (fire alarms, sprinklers) located in construction areas shall be tested as coordinated with the Medical Center. Parameters for the testing and results of any tests performed shall be recorded by the Medical Center and copies provided to the Resident Engineer and VAPSHS Safety Department.
 - L. Smoke Detectors: Prevent accidental operation. Remove temporary covers at end of work operations each day. Coordinate with Resident Engineer and VAPSHS Safety Department.
 - M. Hot Work: Perform and safeguard hot work operations in accordance with NFPA 241 and NFPA 51B. Coordinate with Resident Engineer. Obtain permits from Facility Safety Officer at least 24 hours in advance. Before any hot work is conducted, the Contractor or sub-Contractor shall obtain permission from the Contractor's authorized fire prevention program manager by the issuance of this permit.
1. HOT WORK PRACTICES: The following procedures will be followed regarding hot work at the Medical Center. Hot work is defined as cutting with a torch, arc welding, T.I.G. welding, soldering with an open flame, and any other operations involving an open flame.
 2. The Contractor is required to obtain a permit for hot work from the Project Engineer. (Obtain form from Project Engineer). The Contractor and the Project Engineer will evaluate each

- situation and decide on the proper course of action. If there is combustible debris, combustible material adjacent to the work area, or holes in walls or floors, any of which could be flammable, the Contractor will provide a continuous fire watch, a fire extinguisher, and obtain a permit from the Project Engineer as required.
3. The fire watch will inspect the area for both obvious and concealed sources of combustion during and for a minimum of thirty (30) minutes after completion of the work.

**PUGET SOUND HEALTH CARE SYSTEM
HOT WORK PERMIT FOR CUTTING AND WELDING AND BRAZING
WITH PORTABLE GAS OR ARC EQUIPMENT**

Date: _____ Permit Number: _____

Location: _____

Department Performing Work: _____

Work to be done: _____

Is a fire watch required: YES NO

The location or work has been examined, precautions taken and permission is granted for this work.

Signed: _____ Permit expires (date): _____
(Individual Responsible for Authorizing Welding and Cutting)

Time Started: _____ Estimated Completion: _____

ATTENTION

Before approval of any hot cutting, welding, or brazing operations, the fire/safety official or an authorized appointee shall inspect the work area and confirm that precautions have been taken to prevent fire in accordance with NFPA 51B.

PRECAUTIONS

YES	NO	NA	Sprinklers are in service?
YES	NO	NA	Cutting and welding equipment is in good repair?

WITHIN 35 FT. OF WORK

YES	NO	NA	Floors swept clean of combustibles?
YES	NO	NA	Combustible-flooring wet down, or protective covers in place?
YES	NO	NA	No combustible materials or flammable liquids?
YES	NO	NA	Combustibles and flammable liquids removed or protected with covers?
YES	NO	NA	All wall and floor openings covered?
YES	NO	NA	Covers suspended beneath work to collect sparks?

WORK ON WALLS OR CEILINGS

YES	NO	NA	Construction noncombustible and without combustible covering?
YES	NO	NA	Combustibles moved away from opposite side of wall?

WORK ON ENCLOSED EQUIPMENT

(Tanks, containers, ducts, dust collectors, etc.)

YES	NO	NA	Equipment cleaned of all combustibles?
YES	NO	NA	Containers purged of flammable vapors?

FIRE WATCH

YES	NO	NA	To be provided during and 30 minutes after operation?
YES	NO	NA	Supplied with a suitable fire extinguisher or small hose and trained to use?

FINAL CHECK-UP

Work area and all adjacent areas to which sparks and heat might have spread (including floors above and below and on opposite side of walls) were inspected 30 minutes after the work was completed and were found fire safe.

Work Supervisor Signature _____

- N. Fire Hazard Prevention and Safety Inspections: Inspect entire construction areas weekly. Coordinate with, and report findings and corrective actions weekly to Resident Engineer and facility Safety Officer.
- O. Smoking: Smoking is prohibited in and adjacent to construction areas inside existing buildings under construction.
- P. Dispose of waste and debris in accordance with NFPA 241. Remove from buildings daily. Construction waste and debris shall not be disposed of on station or in the Medical Center trash containers or dumpsters. The Contractor shall provide his own bin or dumpster; however, the use and location of such must be approved by the Resident Engineer in coordination with the VAPSHCS Chief of Facilities Management.
- Q. Perform other construction, alteration and demolition operations in accordance with 29 CFR 1926.
- R. If required, submit documentation to the Resident Engineer that personnel have been trained in the fire safety aspects of working in areas with impaired structural or compartmentalization features.
- S. Permit for Smoke and Fire barrier Penetrations Fire / Smoke Barrier Penetrations Permit Process: Prior to commencing the construction action, the contractor will submit a completed copy of the Fire/Smoke Wall Penetration Permit to the COR for every penetration (temporary or permanent) in any Fire/Smoke Barrier. A single permit may cover multiple penetrations but every instance must be explicitly identified on the permit form. The VA Safety Officer will sign and date each permit that will be returned to the contractor via the COR. The contractor will maintain a file on site of the approved Fire / Smoke Penetration Permits. Following the final completion of the contract action, each fire and smoke penetration will be inspected by the VA Safety Officer for compliance with Technical Specification Section 07 84 00 Firestopping. As a Life Safety building component, each fire and smoke penetration must be accepted by the VA Safety Officer as compliant with the technical specifications. The VA Safety Officer will sign for each of the acceptable penetrations and return a copy of each permit to the contractor

1.6 OPERATIONS AND STORAGE AREAS

- A. The Contractor shall confine all operations (including storage of materials) on Government premises to areas authorized or approved by the Contracting Officer. The Contractor shall hold and save the Government, its officers and agents, free and harmless from liability of any nature occasioned by the Contractor's performance.
- B. Temporary buildings (e.g., storage sheds, shops, offices) and utilities may be erected by the Contractor only with the approval of the Contracting Officer and shall be built with labor and materials furnished by the Contractor without expense to the Government. The temporary buildings and utilities shall remain the property of the Contractor and shall be removed by the Contractor at its expense upon completion of the work. With the written consent of the Contracting Officer, the buildings and utilities may be abandoned and need not be removed.

- C. The Contractor shall, under regulations prescribed by the Contracting Officer, use only established roadways, or use temporary roadways constructed by the Contractor when and as authorized by the Contracting Officer. When materials are transported in prosecuting the work, vehicles shall not be loaded beyond the loading capacity recommended by the manufacturer of the vehicle or prescribed by any Federal, State, or local law or regulation. When it is necessary to cross curbs or sidewalks, the Contractor shall protect them from damage. The Contractor shall repair or pay for the repair of any damaged curbs, sidewalks, or roads.
- D. Working space and space available for storing materials shall be as shown on the drawings and as determined by the Resident Engineer and as approved by the VAPSHS Chief of Facilities Management.
- E. Workmen are subject to rules of Medical Center applicable to their conduct.
- F. Execute work in such a manner as to interfere as little as possible with work being done by others. Keep roads clear of construction materials, debris, standing construction equipment and vehicles at all times.
- G. Execute work so as to interfere as little as possible with normal functioning of Medical Center as a whole, including operations of utility services, fire protection systems and any existing equipment, and with work being done by others. Use of equipment and tools that transmit vibrations and noises through the building structure, are not permitted in buildings that are occupied, during construction, jointly by patients or medical personnel, and Contractor's personnel, except as permitted by Resident Engineer where required by limited working space.
 - 1. Do not store materials and equipment in other than assigned areas.
 - 2. Schedule delivery of materials and equipment to immediate construction working areas within buildings in use by Department of Veterans Affairs in quantities sufficient for not more than two work days unless otherwise noted. Provide unobstructed access to Medical Center areas required to remain in operation.
 - 3. Where access by Medical Center personnel to vacated portions of buildings is not required, storage of Contractor's materials and equipment will be permitted subject to fire and safety requirements. Where access by Medical Center personnel to vacated portions of buildings is not required, storage of Contractor's materials and equipment, including temporary storage of replacement braces, will be permitted subject to fire and safety requirements, and allowable limits of structural frame to support stockpiled materials, allowed by the SEOR.
- H. Utilities Services: Where necessary to cut existing pipes, electrical wires, conduits, cables, etc., of utility services, or of fire protection systems or communications systems (except telephone), they shall be cut and capped at suitable places where shown; or, in absence of such indication, where directed by Resident Engineer. All such actions shall be coordinated with the Utility Company involved including Seattle City Light (Electrical), Seattle Public Utility (Water and Sewer)

- I. Phasing: To insure such executions, Contractor shall furnish the Resident Engineer with a CPM network diagram (sample shown in Drawing) detailing specific phasing dates on which the Contractor intends to accomplish work in each specific area of site, building or portion thereof. In addition, Contractor shall notify the Resident Engineer two weeks in advance of the proposed date of starting work in each specific area of site, building or portion thereof. Arrange such phasing dates to insure accomplishment of this work in successive phases mutually agreeable to Resident Engineer and Contractor, as follows: Phasing requirements for the project shall be per the Specifications and Drawings.
- J. Buildings 100 Nursing Tower and Community Living Center will be occupied during performance of work. Refer to phasing documents for additional information.
 - 1. Contractor shall take all measures and provide all material necessary for protecting existing equipment and property in affected areas of construction against dust and debris, so that equipment and affected areas to be used in the Medical Centers operations will not be hindered. Contractor shall permit access to Department of Veterans Affairs personnel and patients through other construction areas which serve as routes of access to such affected areas and equipment. Coordinate alteration work in areas occupied by Department of Veterans Affairs so that Medical Center operations will continue during the construction period.
- K. Construction Fence: Before construction operations begin, Contractor shall provide a chain link construction fence, 2.1m (eight feet) minimum height, around the construction area indicated on the drawings. Provide gates as required for access with necessary hardware, including hasps and padlocks, panic hardware and alarms (if necessary). Fasten fence fabric to terminal posts with tension bands and to line posts and top and bottom rails with tie wires spaced at maximum 375mm (15 inches). Bottom of fences shall extend to 25mm (one inch) above grade. Remove the fence when directed by Resident Engineer.
- L. When a building or work area is turned over to Contractor, Contractor shall accept entire responsibility therefore.
 - 1. Contractor shall maintain a minimum temperature of 4 degrees C (40 degrees F) at all times, except as otherwise specified.
 - 2. Contractor shall maintain in operating condition existing fire protection and alarm equipment. In connection with fire alarm equipment, Contractor shall make arrangements for pre-inspection of site with Fire Department or Company (City of Seattle) whichever will be required to respond to an alarm from Contractor's employee or watchman.
 - 3. Provide accessible routes of fire exit passage through area as shown on Drawings.
- M. Utilities Services: Maintain existing utility services for Medical Center at all times. Provide temporary facilities, labor, materials, equipment, connections, and utilities to assure uninterrupted services. Where necessary to cut existing water, steam, gases, sewer or air pipes, or conduits,

wires, cables, etc. of utility services or of fire protection systems and communications systems (including telephone), they shall be cut and capped at suitable places where shown; or, in absence of such indication, where directed by Resident Engineer.

1. No utility service such as water, gas, steam, sewers or electricity, or fire protection systems and communications systems may be interrupted without prior approval of Resident Engineer. Electrical work shall be accomplished with all affected circuits or equipment de-energized. When an electrical outage cannot be accomplished, work on any energized circuits or equipment shall not commence without the VAPSHS Chief of Facilities Management's prior knowledge and written approval. Refer to specification Sections 26 05 11, REQUIREMENTS FOR ELECTRICAL INSTALLATIONS, 27 05 11 REQUIREMENTS FOR COMMUNICATIONS INSTALLATIONS and 28 05 11, REQUIREMENTS FOR ELECTRONIC SAFETY AND SECURITY INSTALLATIONS for additional requirements.
 2. Contractor shall submit a request to interrupt any such services to Resident Engineer, in writing, 48 hours in advance of proposed interruption. Request shall state reason, date, exact time of, and approximate duration of such interruption.
 3. Contractor will be advised (in writing) of approval of request, or of which other date and/or time such interruption will cause least inconvenience to operations of Medical Center. Interruption time approved by Medical Center may occur at other than Contractor's normal working hours.
 4. Major interruptions of any system must be requested, in writing, at least 15 calendar days prior to the desired time and shall be performed as directed by the Resident Engineer.
 5. In case of a contract construction emergency, service will be interrupted on approval of Resident Engineer. Such approval will be confirmed in writing as soon as practical.
- N. To minimize interference of construction activities with flow of Medical Center traffic, comply with the following:
1. Keep roads, walks and entrances to grounds, to parking and to occupied areas of buildings clear of construction materials, debris and standing construction equipment and vehicles.
- O. Coordinate the work for this contract with other construction operations as directed by Resident Engineer. This includes the scheduling of traffic and the use of roadways, as specified in Article, USE OF ROADWAYS.
- P. Parking: The contractor's and sub contractors' employees will not park either company or personal vehicles in any of the VA Puget Sound Healthcare System parking lots. The contractor's and subcontractors' company and personal vehicles that are found in the VA PSHS parking lots will be subject to VA Police ticketing and towing. Solely at the VA Contracting Officer's discretion, persistent contractor employee or sub-contractor employee violation of the on-site prohibition of the contractor parking rules may result in barring the employee from the subject contract work in accordance with VAAR 852.236-80 (d) Subcontracts and Work Coordination (Apr 1984) Alternate 1 (Jul 2002).

1.7 ALTERATIONS

- A. Survey: Before any work is started, the Contractor shall make a thorough survey with the Resident Engineer of areas of buildings in which alterations occur and areas which are anticipated routes of access, and furnish a report, signed by both, to the Contracting Officer. This report shall list by rooms and spaces:
 - 1. Existing condition and types of resilient flooring, doors, windows, walls and other surfaces not required to be altered throughout affected areas of buildings.
 - 2. Existence and conditions of items such as plumbing fixtures and accessories, electrical fixtures, equipment, venetian blinds, shades, etc., required by drawings to be either reused or relocated, or both.
 - 3. Shall note any discrepancies between drawings and existing conditions at site.
 - 4. Shall designate areas for working space, materials storage and routes of access to areas within buildings where alterations occur and which have been agreed upon by Contractor and Resident Engineer.
- B. Any items required by drawings to be either reused or relocated or both, found during this survey to be nonexistent, or in opinion of Resident Engineer, to be in such condition that their use is impossible or impractical, shall be furnished and/or replaced by Contractor with new items in accordance with specifications which will be furnished by Government. Provided the contract work is changed by reason of this subparagraph B, the contract will be modified accordingly, under provisions of clause entitled "DIFFERING SITE CONDITIONS" (FAR 52.236-2) and "CHANGES" (FAR 52.243-4 and VAAR 852.236-88).
- C. Re-Survey: One week before expected partial or final inspection date, the Contractor and Resident Engineer together shall make a thorough re-survey of the areas of buildings involved. They shall furnish a report on conditions then existing, of resilient flooring, doors, windows, walls and other surfaces as compared with conditions of same as noted in first condition survey report:
 - 1. Re-survey report shall also list any damage caused by Contractor to such flooring and other surfaces, despite protection measures; and, will form basis for determining extent of repair work required of Contractor to restore damage caused by Contractor's workmen in executing work of this contract.
- D. Protection: Provide the following protective measures:
 - 1. Wherever existing roof surfaces are disturbed they shall be protected against water infiltration. In case of leaks, they shall be repaired immediately upon discovery.
 - 2. Temporary protection against damage for portions of existing structures and grounds where work is to be done, materials handled and equipment moved and/or relocated.
 - 3. Protection of interior of existing structures at all times, from damage, dust and weather inclemency. Wherever work is performed, floor surfaces that are to remain in place shall be

adequately protected prior to starting work, and this protection shall be maintained intact until all work in the area is completed.

1.8 INFECTION PREVENTION MEASURES

- A. Implement the requirements of VAPSHS Infection Control Risk Assessment (ICRA) team. ICRA Group may monitor dust in the vicinity of the construction work and require the Contractor to take corrective action immediately if the safe levels are exceeded.
- B. Establish and maintain a dust control program as part of the Contractor's infection preventive measures in accordance with the guidelines provided by ICRA Group. Prior to start of work, prepare a plan detailing project-specific dust protection measures, including periodic status reports, and submit to Resident Engineer and Facility ICRA team for review for compliance with contract requirements in accordance with Section 01 33 23, SHOP DRAWINGS, PRODUCT DATA AND SAMPLES.
 - 1. All personnel involved in the construction or renovation activity shall be educated and trained in infection prevention measures established by VAPSHS.
- C. VAPSHS Infection Control personnel shall monitor for airborne disease (e.g. aspergillosis) as appropriate during construction. A baseline of conditions may be established by the Medical Center prior to the start of work and periodically during the construction stage to determine impact of construction activities on indoor air quality. In addition:
 - 1. The RE and VAPSHS Infection Control personnel shall review pressure differential monitoring documentation to verify that pressure differentials in the construction zone and in the patient-care rooms are appropriate for their settings. The requirement for negative air pressure in the construction zone shall apply to all locations and phases of construction activity. Upon notification, the Contractor shall implement corrective measures to restore proper pressure differentials as needed.
 - 2. In case of any problem, VAPSHS, along with assistance from the Contractor, shall conduct an environmental assessment to find and eliminate the source.
- D. In general, following preventive measures shall be adopted during construction to keep down dust and prevent mold.
 - 1. Dampen debris to keep down dust and provide temporary construction partitions in existing structures where directed by Resident Engineer. Blank off ducts and diffusers to prevent circulation of dust into occupied areas during construction.
 - 2. Perform dust/odor/smoke producing tasks within Area of Work only. Contractor shall:
 - a. Provide Temporary Construction Barrier at boundary of Phase Work Area.
 - b. Provide Dust Control Barrier encapsulating all Areas of Work.
 - c. See Section 1.25 for Definitions.
 - d. HEPA filtration is required where the exhaust dust may reenter the breathing zone.Contractor shall verify that construction exhaust to exterior is not reintroduced to the

Medical Center through intake vents, or building openings. Install HEPA (High Efficiency Particulate Accumulator) filter vacuum system rated at 95% capture of 0.3 microns including pollen, mold spores and dust particles. Insure continuous negative air pressures occurring within the work area. HEPA filters should have ASHRAE 85 or other prefilter to extend the useful life of the HEPA. Provide both primary and secondary filtrations units. Exhaust hoses shall be heavy duty, flexible steel reinforced and exhausted so that dust is not reintroduced to the Medical Center.

- e. Adhesive Walk-off/Carpet Walk-off Mats, minimum 24" x 36", shall be used at all interior transitions from the construction area to occupied Medical Center area. These mats shall be changed as often as required to maintain clean work areas directly outside construction area at all times, and not less than once per hour during working hours. Remove mat from VA side of transition at the end of each work day.
- f. Vacuum and wet mop all transition areas from construction to the occupied Medical Center at the end of each workday. Vacuum shall utilize HEPA filtration. Maintain surrounding area frequently. Remove debris using sealed debris bins once full, or at least daily, as they are created. Transport these outside the construction area in containers with tightly fitting lids. Vacuum and mop after each cart.
- g. The Contractor shall not haul debris through patient-care areas without prior approval of the Resident Engineer and the Medical Center. When approved, debris shall be hauled in enclosed dust proof containers or wrapped in plastic and sealed with duct tape. No sharp objects should be allowed to cut through the plastic. Wipe down the exterior of the containers with a damp rag to remove dust. All equipment, tools, materials, etc. transported through occupied areas shall be made free from dust and moisture by vacuuming and wipe down. Vacuum and mop after each debris bin passes through shared space outside of construction work area.
- h. Using a HEPA vacuum, clean inside the barrier and vacuum ceiling tile prior to replacement. Any ceiling access panels opened for investigation beyond sealed areas shall be sealed immediately when unattended.
- i. There shall be no standing water during construction. This includes water in equipment drip pans and open containers within the construction areas. All accidental spills must be cleaned up and dried within 12 hours. Remove and dispose of porous materials that remain damp for more than 72 hours.
- j. At completion, remove construction barriers and ceiling protection carefully, outside of normal work hours as directed by Resident Engineer. Vacuum and clean all surfaces free of dust after the removal.

E. Final Cleanup:

1. Upon completion of project, or as work progresses, remove all construction debris from above ceiling, vertical shafts and utility chases that have been part of the construction.
2. Perform HEPA vacuum cleaning and wipe-down with clean rags of all surfaces in the construction area. This includes walls, ceilings, cabinets, furniture (built-in or free standing), partitions, flooring, etc.
3. All new or reinstalled air ducts shall be cleaned prior to final inspection.

1.8.5 INFECTION CONTROL REQUIREMENTS

A. BARRIERS

1. The contractor shall provide appropriate barriers to isolate the construction area from any patient care or other occupied areas. Barriers must enclose entire work area to completely isolate it from all surrounding areas. The barriers shall be constructed as follows:
 - a. To be tightly sealed from wall to wall and floor to structure above. This includes areas above suspended ceilings. Out of the following materials:
 - 1) For projects of short durations and with little anticipated noise and no hot work, 6-mil fire-retardant (Rexam StarTex or approved equal) visqueen with zipper openings. Use of appropriate mini-enclosure for all ceiling work outside of contained workspace is required.
 - 2) For all other projects, barriers below suspended ceilings shall be minimum ¼" thick, plastic coated, low VOC, fire treated melamine panels (unless otherwise shown on the drawings). Sealed with smooth surface vinyl tape at all joints and other connection points. All construction barriers must be constructed to be smoke tight and of non-combustible or limited-combustible materials. In locations where solid barriers are not required to extend above the ceiling, above ceiling barriers shall be minimum 6-mil fire-retardant visqueen.
 - 3) Where barriers are provided in place of a fire rated wall (corridor, smoke barrier, fire wall) barriers shall be minimum ¼" thick, plastic coated, low VOC, fire treated melamine panels (unless otherwise shown on the drawings). Sealed with tape at all joints and other connection points. All construction barriers must be constructed to be smoke tight and of non-combustible or limited-combustible materials. Solid barriers shall be provided above the suspended ceiling to the structure above unless previously approved by the owner.
 - 4) Any opening into occupied portions of the building will be made using self-closing doors fitted with gasketing or other material to restrict closing noise and airflow.
 - b. All barriers and openings must be maintained on a daily basis to ensure proper airflow, appearance, and workplace security. Barrier failure requires immediate intervention.
2. Elevator openings (where applicable), if not for a dedicated construction elevator, must be sealed air tight to the work area.
3. All work area entrances must have tacky mats present at all times. Mats must be clean, intact and maintained on a constant basis.
4. Adjacent floor areas directly outside the work area must be vacuumed or wet mopped at appropriate intervals to eliminate tracking and dust migration. Contractor is to provide vacuum cleaners and all cleaning equipment.
5. Prior to removal of any barriers, all debris must be removed, the work area wet mopped, vacuumed, and all surfaces wiped down.
6. All vacuums used in or around the work area must be equipped with HEPA filtration.

7. The infection control plan, location of partitions, door locations and worker instruction shall be approved by the Resident Engineer.

B. AIR DISTRIBUTION

1. The contractor shall provide all necessary equipment, including appropriate replacement filters for negative air machines and temporary ductwork to maintain a negative air pressure relationship, for all areas under construction or contained within the construction barriers, to surrounding areas. Negative pressurization of the workspace is required at all times.
 - a. Appropriate equipment, gauge manometers at minimum, shall be provided to constantly monitor the negative pressure relationship. A minimum negative pressure relationship of .01" water column must be maintained between areas under construction and surrounding areas. The contractor is responsible to verify manometer reading at the beginning and end of each day and maintain a log of readings and corrective action taken..
 - b. Work area ventilation must be 100% exhausted to the exterior of the building unless provided written permission by owner to tie into building ventilation exhaust.
 - c. All negative air machines must have HEPA filtration in place. Pre-filters must be maintained to prevent airflow restriction and dust accumulation.
 - d. Discharge hoses, vented to an approved location, must be in place and intact at all times.
2. Supply and exhaust air grills serving the building HVAC systems must be covered and sealed to prevent airflow at all times.
3. Penetrations or openings to barrier enclosing the negative pressure area must be tightly sealed at the end of each day.

C. MATERIALS AND MATERIAL HANDLING

1. Prior to start of construction, contractor must submit a 3-ring binder with Material Safety Data Sheets on all paints, glues, mastics, epoxies, adhesives, cleaning products, etc. prior to start of construction for review by the Department of Veterans Affairs staff.
2. Contractor shall maintain work area at or below "comfort range" for Office Workers as recognized by Washington State regulatory agency guidelines for volatile organic compounds (VOC) during installation and curing time of material.
3. All dirty materials including new materials, debris, and tools must be covered or wrapped when transported through the hospital.
4. Debris removal must occur in an exterior chute or through approved routes. After each period of debris removal, the traffic and material corridor (when in occupied portions of the building) shall be cleaned and wet mopped from entrance to work area to disposal area as necessary. Conveyances used for debris removal must be clean and covered.
5. At the end of each workday, work area must have all debris removed and floors cleaned.
6. Any material capable of absorbing moisture must be fully dried within 48 hours of becoming wet. If material, either new or existing, inside or out of the work area, becomes wet as a result of the contractors actions and is unable to be dried to an "as-new" condition within 48 hours, the contractor shall remove the material within the same 48 hour period. Materials removed from the work area for this reason must be replaced with new material at contractor expense.

1.9 DISPOSAL AND RETENTION

- A. Materials and equipment accruing from work removed and from demolition of buildings or structures, or parts thereof, shall be disposed of as follows:
1. Reserved items which are to remain property of the Government are noted on drawings or in specifications as items to be stored. Items that remain property of the Government shall be

removed or dislodged from present locations in such a manner as to prevent damage which would be detrimental to re installation and reuse. Store such items where directed by Resident Engineer.

2. Items of portable equipment and furnishings located in rooms and spaces in which work is to be done under this contract shall remain the property of the Government. When rooms and spaces are vacated by the Department of Veterans Affairs during the alteration period, such items which are NOT required by drawings and specifications to be either relocated or reused will be removed by the Government in advance of work to avoid interfering with Contractor's operation.
3. Permanent equipment, furniture, fixtures, devices, etc. located in rooms and spaces in which work is to be done under this Contract shall be removed by the Contractor as necessary to complete the work, stored safely and reinstalled in its original location to function as it had prior to the start of work.

1.10 PROTECTION OF EXISTING VEGETATION, STRUCTURES, EQUIPMENT, UTILITIES, AND IMPROVEMENTS

- A. Prior to beginning work, the Contractor and Resident Engineer shall walk the site and photograph/videotape existing conditions. The Contractor shall repair all disturbed ground to pre-existing condition prior to project final acceptance. The Contractor shall preserve and protect all structures, equipment, and vegetation (such as trees, shrubs, and grass) on or adjacent to the work site, which are not to be removed and which do not unreasonably interfere with the work required under this contract. The Contractor shall only remove trees when specifically authorized to do so, and shall avoid damaging vegetation that will remain in place. The Contractor shall obtain the services of a professional arborist to determine requirements for cutting tree limbs and/or roots. If any limbs or branches of trees are broken during contract performance, or by the careless operation of equipment, or by workmen, the Contractor shall trim those limbs or branches with a clean cut and paint the cut with a tree-pruning compound as directed by the arborist and the Contracting Officer.
- B. The Contractor shall protect from damage all existing improvements and utilities at or near the work site and on adjacent property of a third party, the locations of which are made known to or should be known by the Contractor. The Contractor shall repair any damage to those facilities, including those that are the property of a third party, resulting from failure to comply with the requirements of this contract or failure to exercise reasonable care in performing the work. If the Contractor fails or refuses to repair the damage promptly, the Contracting Officer may have the necessary work performed and charge the cost to the Contractor.

(FAR 52.236-9)

- C. Refer to Section 01 57 19, TEMPORARY ENVIRONMENTAL CONTROLS, for additional requirements on protecting vegetation, soils and the environment. Refer to Articles, "Alterations",

"Restoration", and "Operations and Storage Areas" for additional instructions concerning repair of damage to structures and site improvements.

1.11 RESTORATION

- A. Remove, cut, alter, replace, patch and repair existing work as necessary to install new work. Except as otherwise shown or specified, do not cut, alter or remove any structural work, and do not disturb any ducts, plumbing, steam, gas, or electric work without approval of the Resident Engineer. Existing work to be altered or extended and that is found to be defective in any way, shall be reported to the Resident Engineer before it is disturbed. Materials and workmanship used in restoring work, shall conform in type and quality to that of original existing construction, except as otherwise shown or specified.
- B. Upon completion of contract, deliver work complete and undamaged. Existing work (walls, ceilings, partitions, floors, mechanical and electrical work, lawns, paving, roads, walks, etc.) disturbed or removed as a result of performing required new work, shall be patched, repaired, reinstalled, or replaced with new work, and refinished and left in as good condition as existed before commencing work.
- C. Project documents are based on existing as-built drawings supplied by the VA and limited field verification. Contractor shall field verify all conditions shown on documents, and notify Resident Engineer promptly if any discrepancies are found.
- D. At Contractor's own expense, Contractor shall immediately restore to service and repair any damage caused by Contractor's workmen to existing piping and conduits, wires, cables, etc., of utility services or of fire protection systems and communications systems (including telephone) .
- E. Expense of repairs to such utilities and systems reasonably inferred by on drawings or locations of which are unknown will be covered by adjustment to contract time and price in accordance with clause entitled "CHANGES" (FAR 52.243-4 and VAAR 852.236-88) and "DIFFERING SITE CONDITIONS" (FAR 52.236-2).

1.12 PHYSICAL DATA

- A. A copy of the geotechnical report dated September 30, 2010 is attached and shall be considered part of the contract documents. Copies of as-built drawings and specifications for past remodel projects will be made available for bidders to view in person at the VA facilities office during bidding.

1.13 AS-BUILT DRAWINGS

- A. The Contractor shall maintain two full size sets of as-built drawings which will be kept current during construction of the project, to include all contract changes, modifications and clarifications.
- B. All variations shall be shown in the same general detail as used in the contract drawings. To insure compliance, as-built drawings shall be made available for the Resident Engineer's review, as often as requested.

- C. Contractor shall deliver two approved completed sets of as-built drawings to the Resident Engineer within 15 calendar days after each completed phase and after the acceptance of the project by the Resident Engineer.
- D. Paragraphs A, B, & C shall also apply to all shop drawings.

1.14 USE OF ROADWAYS

- A. For hauling, use only established public roads and indicated roads on Medical Center property and, when authorized by the Resident Engineer, such temporary roads which are necessary in the performance of contract work. Temporary roads shall be constructed by the Contractor at Contractor's expense. When necessary to cross curbing, sidewalks, or similar construction, they must be protected by well-constructed bridges.

1.15 RESIDENT ENGINEER FIELD OFFICE

- A. The Contractor shall, within fifteen (15) days after receipt of Notice to Proceed, provide where shown on the drawings a temporary field office, furniture, and two inch deep gravel surfaced area for use of the Resident Engineer. Office and furniture shall be new.
- B. The field office shall provide not less than 4,320 gross square feet of floor area in one unit. Installation of the office shall meet all local codes. The location of the field office shall not impinge on VAPSHS parking or block fire lanes.
- C. Provide office with a minimum three, 900mm (three foot) wide exterior doors, including hardware and OSHA approved platform and stairs leading to grade.
- D. Enclose the entire perimeter of the office from the floor to the ground and finish to match exterior, Provide R7 insulation and seal tight to ground with a painted 19 mm (3/4 inch) exterior grade plywood skirt.
- E. Exterior finishes shall be manufacturer's standards.
- F. Provide floor, wall, and roof with not less than R5 insulation.
- G. Interior finishes shall consist of resilient flooring, plywood paneling or painted wallboard on walls, and acoustical tile ceilings. Interior doors may be either painted or stained.
- H. Interior shall be subdivided with full height partitions to provide 10 offices, one sample room, two separate toilets, and one conference room (minimum 300 SF). Provide each space with 900 mm (three foot) wide door with master keyed locks. Section off an area with a low partition and counter for the secretary's desks.
- I. Provide 750 mm (2-1/2 feet) wide by 900 mm (3 feet) high operable windows; two in each room (none required in sample room), except provide only one 600 mm (2 foot) high window in toilet room(s). Window openings shall be fitted with security bars to prevent any forced entry. The doors of field office shall have a hasp and padlock and also deadbolts keyed from both sides.
- J. Provide sufficient fluorescent lighting in each room to deliver 750 lux (70 foot-candles) of light at desk top height without the aid of daylight. Provide one light switch in each room.
- K. Provide one duplex receptacle in each wall of each room. If a wall is 3.0 m (10 feet) long or more, provide two receptacles for each 3.0 m (10 feet), or portion thereof, of wall. Provide two duplex receptacles in low partition at secretary's desks.

- L. The Contractor shall provide the following:
1. Electricity, hot and cold water, bottled water, and necessary utility services (except telephone).
 2. All necessary piping, power circuits network cabling, cat 5e or better cabling for phones and computers, electrical fixtures, lighting, and other items necessary to provide a habitable structure for the purpose intended. The number of network and electrical receptacles will be as determined by the Resident Engineer.
 3. Thermostatically controlled, centralized heating and air conditioning system designed to maintain the temperature between 21 and 27 degrees C (70 and 80 degrees F) with 50 percent relative humidity maintained during the air conditioning season,
 4. One water closet, lavatory, mirror, toilet paper dispenser, paper towel dispenser, soap dispenser, towel bar, and two-prong coat hooks for each toilet room.
- M. Contractor shall, for the duration of the Resident Engineer's occupancy, provide the following:
1. Satisfactory conditions in and around the field office and parking area. Ramps shall be provided for access to offices,
 2. Maintenance of gravel surfaced area, including the area for parking, in an acceptable condition for vehicle and foot traffic at all times.
 3. Maintenance of utility services.
 4. Potable water, fuel and electric power for normal office uses, including lights, heating and air conditioning.
- N. The Contractor shall provide the following new items:

QUANTITY REQUIRED:

- 2 Secretary workstations with adjustable keying desk: or drawer 738 mm H x 1.5m W 750 mm D size 29-1/2" H x 60" W x 30" D)
- 2 Printer stands 738 mm H x 1500 mm W x 750 mm D (size 29-12" H x 60" H x 30" D)
- 12 Office desks, double pedestal
- 3 Conference tables (size 4' x 12')
- 2 Plan table 1.2 meters x 6 meters (4' x 20')
- 7 Work tables 750 mm x 1800 mm (folding 30" x 72")
- 2 Secretary chairs
- 12 Swivel chairs with arms
- 24 Conference chairs (armless and folding)
- 7 Arm chairs
- 16 Lockable 5 drawer file cabinets, letter-size
- 6 Drawing racks, each with 12-750 mm (12-30 inch) "Plan Hold" drawing holders, freestanding
- 24 Bookcases
- 1 1.6 cu.ft., 1000-Watt Microwave Oven

- 1 18.2 Cu. Ft. Top-Freezer Refrigerator
- 1 Bottled Water Dispenser (w/ chilled and hot water)
- 4 Shelves for sample 900 mm x 450 mm x 1 8 m (36 x 18 x 72) high 7 adjustable

O. At the completion of all work the Resident Engineer's field office and facilities, including all contents, shall become the property of the Government and be left intact, including utility connections, for future use by Department of Veterans Affairs.

P. The Contractor shall furnish floor plans for approval by the Resident Engineer prior to furnishing the field office.

1.16 TEMPORARY USE OF MECHANICAL AND ELECTRICAL EQUIPMENT

- A. Use of new installed mechanical and electrical equipment to provide heat, ventilation, plumbing, light and power will be permitted subject to compliance with the following provisions:
 - 1. Permission to use each unit or system must be given by Resident Engineer. If the equipment is not installed and maintained in accordance with the following provisions, the Resident Engineer will withdraw permission for use of the equipment.
 - 2. Electrical installations used by the equipment shall be completed in accordance with the drawings and specifications to prevent damage to the equipment and the electrical systems, i.e. transformers, relays, circuit breakers, fuses, conductors, motor controllers and their overload elements shall be properly sized, coordinated and adjusted. Voltage supplied to each item of equipment shall be verified to be correct and it shall be determined that motors are not overloaded. The electrical equipment shall be thoroughly cleaned before using it and again immediately before final inspection including vacuum cleaning and wiping clean interior and exterior surfaces.
 - 3. Units shall be properly lubricated, balanced, and aligned. Vibrations must be eliminated.
 - 4. Automatic temperature control systems for preheat coils shall function properly and all safety controls shall function to prevent coil freeze-up damage.
 - 5. The air filtering system utilized shall be that which is designed for the system when complete, and all filter elements shall be replaced at completion of construction and prior to testing and balancing of system.
 - 6. All components of heat production and distribution system, metering equipment, condensate returns, and other auxiliary facilities used in temporary service shall be cleaned prior to use; maintained to prevent corrosion internally and externally during use; and cleaned, maintained and inspected prior to acceptance by the Government. Boilers, pumps, feedwater heaters and auxiliary equipment must be operated as a complete system and be fully maintained by operating personnel. Boiler water must be given complete and continuous chemical treatment.

- B. Prior to final inspection, the equipment or parts used which show wear and tear beyond normal, shall be replaced with identical replacements, at no additional cost to the Government.
- C. This paragraph shall not reduce the requirements of the mechanical and electrical specifications sections.

1.17 TEMPORARY USE OF EXISTING ELEVATORS

- A. Use of existing elevators for handling building materials and Contractor's personnel will be permitted subject to following provisions:
 - 1. Contractor makes all arrangements with the Resident Engineer for use of elevators. The Resident Engineer will ascertain that elevators are in proper condition. Contractor may use elevator S5 for work levels Basement-7 as well as work in 8th floor penthouse in Building Nos. 100NT and CLC for daily use during normal working hours between and for special nonrecurring time intervals when permission is given. Personnel for operating elevators will not be provided by the Department of Veterans Affairs.
 - 2. Contractor covers and provides maximum protection of following elevator components:
 - a. Entrance jambs, heads soffits and threshold plates.
 - b. Entrance columns, canopy, return panels and inside surfaces of car enclosure walls.
 - c. Finish flooring.
 - 3. Government will accept hoisting ropes of elevator and rope of each speed governor if they are worn under normal operation. However, if these ropes are damaged by action of foreign matter such as sand, lime, grit, stones, etc., during temporary use, they shall be removed and replaced by new hoisting ropes.
 - 4. If brake lining of elevators are excessively worn or damaged during temporary use, they shall be removed and replaced by new brake lining.
 - 5. All parts of main controller, starter, relay panel, selector, etc., worn or damaged during temporary use shall be removed and replaced with new parts, if recommended by elevator inspector after elevator is released by Contractor.
 - 6. Place elevator in condition equal, less normal wear, to that existing at time it was placed in service of Contractor as approved by Contracting Officer.

1.18 TEMPORARY TOILETS

- A. Provide where directed by Resident Engineer, (for use of all Contractor's workmen) ample temporary sanitary toilet accommodations with suitable sewer and water connections; or, when approved by Resident Engineer, provide suitable dry closets where directed. Keep such places clean and free from flies, and all connections and appliances connected therewith are to be removed prior to completion of contract, and premises left perfectly clean.

1.19 AVAILABILITY AND USE OF UTILITY SERVICES

- A. The Government shall make all reasonably required amounts of utilities available to the Contractor from existing outlets and supplies, as specified in the contract. The amount to be paid by the

Contractor for chargeable electrical services shall be the prevailing rates charged to the Government. The Contractor shall carefully conserve any utilities furnished without charge.

- B. The Contractor, at Contractor's expense and in a workmanlike manner satisfactory to the Contracting Officer, shall install and maintain all necessary temporary connections and distribution lines, and all meters required to measure the amount of electricity used for the purpose of determining charges. Before final acceptance of the work by the Government, the Contractor shall remove all the temporary connections, distribution lines, meters, and associated paraphernalia.
- C. Contractor shall install meters at Contractor's expense and furnish the Medical Center a monthly record of the Contractor's usage of electricity as hereinafter specified.
- D. Heat: Furnish temporary heat necessary to prevent injury to work and materials through dampness and cold. Use of open salamanders or any temporary heating devices which may be fire hazards or may smoke and damage finished work, will not be permitted. Maintain minimum temperatures as specified for various materials:
 - 1. Obtain heat by connecting to Medical Center heating distribution system.
 - a. Steam is available at no cost to Contractor.
- E. Electricity (for Construction and Testing): Furnish all temporary electric services.
 - 1. Obtain electricity by connecting to the Medical Center electrical distribution system. The Contractor shall meter and pay for electricity required for electric cranes and hoisting devices, electrical welding devices and any electrical heating devices providing temporary heat.
- F. Water (for Construction and Testing): Furnish temporary water service.
 - 1. Obtain water by connecting to the Medical Center water distribution system. Provide reduced pressure backflow preventer at each connection. Water is available at no cost to the Contractor.
 - 2. Maintain connections, pipe, fittings and fixtures and conserve water-use so none is wasted. Failure to stop leakage or other wastes will be cause for revocation (at Resident Engineer's discretion) of use of water from Medical Center's system.

1.20 TESTS

- A. Prior to final acceptance of each phase of the work, pre-test mechanical, electrical, and medical (exp: headwalls, medical gasses, dialysis, etc.) equipment and systems and make corrections required for proper operation of such systems before requesting final tests. Final test will not be conducted unless pre-tested.
- B. Conduct final tests required in various sections of specifications in presence of an authorized representative of the Contracting Officer. Contractor shall furnish all labor, materials, equipment, instruments, and forms, to conduct and record such tests.
- C. Mechanical, electrical, and medical systems shall be balanced, controlled and coordinated and, when necessary, recertified. A system is defined as the entire complex which must be coordinated to work together during normal operation to produce results for which the system is designed. For

example, air conditioning supply air is only one part of entire system which provides comfort conditions for a building. Other related components are return air, exhaust air, steam, chilled water, refrigerant, hot water, controls and electricity, etc.

- D. All related components as defined above shall be functioning when any system component is tested. Tests shall be completed within a reasonably short period of time during which operating and environmental conditions remain reasonably constant.
- E. Individual test result of any component, where required, will only be accepted when submitted with the test results of related components and of the entire system.

1.21 RELOCATED EQUIPMENT AND ITEMS

- A. Contractor shall disconnect, dismantle as necessary, remove and reinstall in new location, all existing equipment and items indicated by symbol "R" or otherwise shown to be relocated by the Contractor.
- B. Perform relocation of such equipment or items at such times and in such a manner as directed by the Resident Engineer.
- C. Suitably cap existing service lines, such as steam, condensate return, water, drain, gas, air, vacuum and/or electrical, whenever such lines are disconnected from equipment to be relocated. Remove abandoned lines in finished areas and cap as specified herein before under paragraph "Abandoned Lines".
- D. Provide all mechanical and electrical service connections, fittings, fastenings and any other materials necessary for assembly and installation of relocated equipment; and leave such equipment in proper operating condition.
- E. All service lines such as noted above for relocated equipment shall be in place at point of relocation ready for use before any existing equipment is disconnected. Make relocated existing equipment ready for operation or use immediately after reinstallation.

1.22 CONSTRUCTION SIGN

- A. Provide a Construction Sign and locate where directed by the Resident Engineer. All wood members shall be of framing lumber. Cover sign frame with 0.7 mm (24 gage) galvanized sheet steel nailed securely around edges and on all bearings. Provide three 100 by 100 mm (4 inch by 4 inch) posts (or equivalent round posts) set 1200 mm (four feet) into ground. Set bottom of sign level at 900 mm (three feet) above ground and secure to posts with through bolts. Make posts full height of sign. Brace posts with 50 x 100 mm (two by four inch) material as directed.
- B. Paint all surfaces of sign and posts two coats of white gloss paint. Border and letters shall be of black gloss paint, except project title which shall be blue gloss paint.
- C. Maintain sign and remove it when directed by the Resident Engineer.

1.23 SAFETY SIGN

- A. Provide a Safety Sign where directed by Resident Engineer. Face of sign shall be 19 mm (3/4 inch) thick exterior grade plywood. Provide two 100 mm by 100 mm (four by four inch) posts extending

full height of sign and 900 mm (three feet) into ground. Set bottom of sign level at 1200 mm (four feet) above ground.

- B. Paint all surfaces of Safety Sign and posts with one prime coat and two coats of white gloss paint. Letters and design shall be painted with gloss paint of colors noted.
- C. Maintain sign and remove it when directed by Resident Engineer.
- D. Post the number of accident free days on a daily basis.

1.24 PHOTOGRAPHIC DOCUMENTATION

Estimated Cost		No. of Photographs
More than	\$10,000,000	7,000 to 7,500

- A. During the construction period through completion, provide photographic documentation of construction progress and at selected milestones including electronic indexing, navigation, storage and remote access to the documentation, as per these specifications. The commercial photographer or the subcontractor used for this work shall meet the following qualifications:
 - 1. Demonstrable minimum experience of three (3) years in operation providing documentation and advanced indexing/navigation systems including a representative portfolio of construction projects of similar type, size, duration and complexity as the Project.
 - 2. Demonstrable ability to service projects throughout North America, which shall be demonstrated by a representative portfolio of active projects of similar type, size, duration and complexity as the Project.
- B. Photographic documentation elements:
 - 1. Each digital image shall be taken with a professional grade camera with minimum size of 12 megapixels (MP) capable of producing 200x250mm (8 x 10 inch) prints with a minimum of 2272 x 1704 pixels and 400x500mm (16 x 20 inch) prints with a minimum 2592 x 1944 pixels.
 - 2. Indexing and navigation system shall utilize actual AUTOCAD construction drawings, making such drawings interactive on an on-line interface. For all documentation referenced herein, indexing and navigation must be organized by both time (date-stamped) and location throughout the project.
 - 3. Documentation shall combine indexing and navigation system with inspection-grade digital photography designed to capture actual conditions throughout construction and at critical milestones. Documentation shall be accessible on-line through use of an internet connection. Documentation shall allow for secure multiple-user access, simultaneously, on-line.
 - 4. Before construction, the existing conditions shall be documented. Overlapping photographic techniques shall be used to insure maximum coverage. Indexing and navigation accomplished through interactive architectural drawings. This documentation may be required immediately before construction and at several pre-determined intervals before building work commences.

5. Construction progress for all trades shall be tracked at pre-determined intervals, but not less than once every week. Progressions shall track interior improvements beginning when demolition work commences and continuing until Project completion.
 6. As-built conditions of structural replacement members shall be documented with an increased concentration of digital photographs as directed by the Resident Engineer in order to capture pre-determined focal points, such as gusset plate connections, gypsum deck repair, or fire rated assemblies repair. Overlapping photographic techniques shall be used to insure maximum coverage. Indexing and navigation accomplished through interactive elevations or elevation details.
 7. As-built finished conditions of the interior of each building including floors, ceilings and walls shall be documented just prior to occupancy, or both, as directed by the Resident Engineer. Overlapping photographic techniques shall be used to insure maximum coverage. Indexing and navigation accomplished through interactive architectural drawings.
 8. Miscellaneous events that occur during any Contractor site visit, or events captured by the Department of Veterans Affairs independently, shall be dated, labeled and inserted into a Section in the navigation structure entitled "Slideshows," allowing this information to be stored in the same "place" as the formal scope.
 9. Customizable project-specific digital photographic documentation of other details or milestones. Indexing and navigation accomplished through interactive architectural plans.
 10. Weekly Phase Work Progressions - Photographic documentation capturing the project at different stages of construction. These progressions shall capture construction throughout the duration of the project.
 11. Finished detailed Interior exact built overlapping photos of all walls, ceilings, and floors to be scheduled by Resident Engineer prior to occupancy.
 12. In event a greater or lesser number of images than specified above are required by the Resident Engineer, adjustment in contract price will be made in accordance with clause entitled "CHANGES" (FAR 52.243-4 and VAAR 852.236-88).
- C. Images shall be taken by a commercial photographer and must show distinctly, at as large a scale as possible, all parts of work embraced in the picture.
- D. Coordination of photo shoots is accomplished through Resident Engineer. Contractor shall also attend construction team meetings as necessary. Contractor's operations team shall provide regular updates regarding the status of the documentation, including photo shoots concluded, the availability of new Progressions or Exact-Built's viewable on-line and anticipated future shoot dates.
- E. Contractor shall provide all on-line domain/web hosting, security measures, and redundant server back-up of the documentation.
- F. Contractor shall provide technical support related to using the system or service.

- G. Upon completion of the project, final copies of the documentation (the "Permanent Record") with the indexing and navigation system embedded (and active) shall be provided in an electronic media format, typically a DVD or external hard-drive. Permanent Record shall have Building Information Modeling (BIM) interface capabilities. On-line access terminates upon acceptance by the V.A. of the Permanent Record.

1.25 DEFINITIONS

- A. Phase Work Area: Comprises entire area allocated to the Contractor for any given work phase, bounded by temporary construction barrier. Area will be vacated by the VA, although some rooms may remain off-limits to the Contractor. See Drawings for additional phasing information.
- B. Access to Work Area: Area within the phase work area in which Contractor may engage any staging or material movement activity necessary to accomplish work. No dust, smoke, or odor producing activities may occur in this area. Should dust, smoke, or odor producing activities be necessary, Contractor shall notify VA Resident Engineer, and once approval is obtained, convert the specific area to an area of work. All existing fixtures, finishes, and equipment shall be protected in this area.
- C. Area of Work: Area bounded by dust control barrier, to be kept under negative pressure at all times, in which dust, smoke, or odor producing activities may occur. Reference Section 1.9 Infection Prevention Measures for additional information.
- D. Temporary Construction Barrier: Wall separating the construction phase work area from VA occupied area. Wall constructed of metal steel studs, faced with gypsum board. Present a finished, painted face to VA occupied side. Wall shall carry a fire rating when required; reference Section 1.6 Fire Safety, for additional information. When non-rated, wall need only extend to and seal against underside of acoustical ceiling to prevent dust migration.
- E. Dust Control Barrier: Boundary between Contractor's access to work area and area of work, within the construction phase work area. Dust control barrier shall be a fire retardant polystyrene, 6 mil thickness or greater plastic barrier meeting local fire codes. Provide zippers at egress/ingress points, two zippers per opening to create a flap. At egress/ingress points, provide "airlock" room bounded by two flaps to contain dust from escaping. Plastic barrier shall be taped tight from floor to underside of deck above, tight around ducts, pipes, conduits, etc. Use non-marking tape that removes clean, with no residue.

E N D OF SECTION

LIST OF SPECIFICATIONS
Section 00 01 10

	DIVISION 01 - GENERAL REQUIREMENTS	
01 32 16.13	Network Analysis Schedules	04-10
01 33 23	Shop Drawings, Product Data, and Samples	11-08
01 42 19	Reference Standards	11-08
01 45 29	Testing Laboratory Services	05-09
01 57 19	Temporary Environmental Controls	10-07
01 58 16	Temporary Interior Signage	10-07
01 74 19	Construction Waste Management	07-08
	DIVISION 02 – EXISTING CONDITIONS	
02 41 00	Demolition	06-10
02 82 13.19	Asbestos Floor Tile and Mastic Abatement	09-09
02 83 33.13	Lead-Based Paint Removal and Disposal	10-07
	DIVISION 03 – CONCRETE	
03 30 53	(Short-Form) Cast-in-Place Concrete	11-08
03 55 11	Gypsum Concrete Floor Decks	05-05
	DIVISION 04 – MASONRY	
	Not Used	
	DIVISION 05 – METALS	
05 05 23	Adhesive and Mechanical Fasteners	New
05 12 00	Structural Steel Framing	10-06
05 12 60	Buckling Restrained Braces	New
05 36 00	Composite Metal Decking	12-05
05 43 00	Slotted Channel Framing	New
	DIVISION 06 – WOOD, PLASTICS AND COMPOSITES	
06 16 63	Cementitious Sheathing	10-07
06 20 00	Finish Carpentry	10-07
	DIVISION 07 - THERMAL AND MOISTURE PROTECTION	
07 21 13	Thermal Insulation	03-08
07 81 00	Applied Fireproofing	12-08
07 84 00	Firestopping	08-08
07 92 00	Joint Sealants	08-08
07 95 13	Expansion Joint Cover Assemblies	10-07
	DIVISION 08 - OPENINGS	
08 11 13	Hollow Metal Doors and Frames	02-09
08 14 00	Interior Wood Doors	02-09
08 31 13	Access Doors and Frames	10-07
08 71 00	Door Hardware	05-10
08 71 13	Automatic Door Operators	08-08
08 71 13.11	Low Energy Power Assist Door Operators	01-11
08 80 00	Glazing	09-09
	DIVISION 09 – FINISHES	

09 06 00	Schedule for Finishes	09-10
09 22 16	Non-Structural Metal Framing	07-09
09 23 00	Gypsum Plastering	02-08
09 26 00	Veneer Plastering	02-08
09 29 00	Gypsum Board	09-09
09 30 13	Ceramic Tiling	03-09
09 51 00	Acoustical Ceilings	11-07
09 65 13	Resilient Base and Accessories	04-08
09 65 16	Resilient Sheet Flooring	08-08
09 65 19	Resilient Tile Flooring	04-08
09 68 00	Carpeting	08-08
09 91 00	Painting	04-09
	DIVISION 10 – SPECIALTIES	
10 21 23	Cubicle Curtain Tracks	02-08
10 25 13	Patient Bed Service Walls	08-08
10 26 00	Wall and Door Protection	03-08
10 28 00	Toilet, Bath, and Laundry Accessories	02-08
10 51 13	Metal Lockers	New
	DIVISION 11 – EQUIPMENT	
11 12 00	Parking Control Equipment	08-08
11 73 00	Ceiling Mounted Patient Lift System	01-09
	DIVISION 12 – FURNISHINGS	
12 24 00	Window Shades	02-08
12 32 00	Manufactured Wood Casework	11-07
12 36 00	Countertops	11-07
	DIVISION 13 - SPECIAL CONSTRUCTION	
13 05 41	Seismic Restraint Requirements for Non-Structural Components	08-11
	DIVISION 14– CONVEYING EQUIPEMENT	
	Not used	
	DIVISION 21- FIRE SUPPRESSION	
21 05 11	Common Work Results for Fire Suppression	11-09
21 08 00	Commissioning of Fire Suppression Systems	07-10
21 10 00	Water-Based Fire-Suppression Systems	02-11
	DIVISION 22 – PLUMBING	
22 05 11	Common Work Results for Plumbing	04-11
22 05 23	General-Duty Valves for Plumbing Piping	12-09
22 08 00	Commissioning of Plumbing Systems	07-10
22 11 00	Facility Water Distribution	05-11
22 13 00	Facility Sanitary and Vent Piping	12-09
22 14 00	Facility Storm Drainage	12-09
22 62 00	Vacuum Systems for Laboratory and Healthcare Facilities	11-04
22 63 00	Gas Systems for Laboratory and Healthcare Facilities	12-10
	DIVISION 23 – HEATING, VENTILATING, AND AIR CONDITIONING	

	(HVAC)	
23 05 11	Common Work Results for HVAC	11-10
23 05 41	Noise and Vibration Control for HVAC Piping and Equipment	11-10
23 05 93	Testing, Adjusting, and Balancing for HVAC	05-11
23 07 11	HVAC, Plumbing, and Boiler Plant Insulation	05-11
23 08 00	Commissioning of HVAC Systems	07-10
23 21 13	Hydronic Piping	03-10
23 22 13	Steam and Condensate Heating Piping	03-10
23 31 00	HVAC Ducts and Casings	04-11
23 37 00	Air Outlets and Inlets	11-09
	DIVISION 26 – ELECTRICAL	
26 05 11	Requirements for Electrical Installations	09-10
26 05 21	Low-Voltage Electrical Power Conductors and Cables (600 Volts and Below)	09-10
26 05 26	Grounding and Bonding for Electrical Systems	09-10
26 05 33	Raceway and Boxes for Electrical Systems	09-10
26 27 26	Wiring Devices	04-09
26 29 11	Motor Starters	09-10
26 29 21	Disconnect Switches	09-10
26 51 00	Interior Lighting	04-09
	DIVISION 27 – COMMUNICATIONS	
	Not Used	
	DIVISION 28 – ELECTRONIC SAFETY AND SECURITY	
	Not Used	
	DIVISION 31 – EARTHWORK	
31 20 00	Earth Moving	09-09
	DIVISION 32 – EXTERIOR IMPROVEMENTS	
32 12 16	Asphalt Paving	09-09
32 31 13	Chain Link Fences and Gates	04-08
	DIVISION 33 – UTILITIES	
	Not Used	
	DIVISION 34 – TRANSPORTATION	
	Not Used	

END OF SECTION

LIST OF DRAWING SHEETS

SECTION 00 01 15

The drawings listed below accompanying this specification
form a part of the contract.

<u>Drawing No.</u>	<u>Title</u>
<u>GENERAL INFORMATION</u>	
GI 0.1.0	COVER SHEET
GI 0.1.2	GENERAL NOTES
GI 0.1.3	DRAWING LIST
<u>FIRE & LIFE SAFETY</u>	
GI 0.1.4	FIRE & LIFE SAFETY NOTES
GI 0.1.5	FIRE AND LIFE SAFETY PLANS
GI 0.1.6	FIRE AND LIFE SAFETY PLANS
<u>SITE INFORMATION</u>	
GI 0.2.1	EXISTING SITE PLAN
GI 0.2.2	SITE PLAN - POTENTIAL CONTRACTOR LAYDOWN STAGING PLAN
<u>CPM INFORMATION</u>	
GI 0.5.1	SAMPLE CPM NETWORK
GI 0.6.1	CPM PHASING PLANS
GI 0.6.2	CPM PHASING DIAGRAM
GI 0.6.3	CPM PHASING DIAGRAM
GI 0.6.4	CPM PHASING DIAGRAM
<u>CIVIL</u>	
CD100	SITE DEMOLITION AND NEW PAVING PLAN
CD101	SITE DEMOLITION AND NEW PAVING PLAN
CP101	SITE DEMOLITION AND NEW PAVING PLAN
<u>ARCHITECTURAL</u>	
AS0.0.1	ABBREVIATIONS AND SYMBOLS
AS0.0.2	ARCHITECTURAL GENERAL NOTES
AS0.0.3	OVERALL REFERENCE PLANS
AS0.0.4	TYPICAL FLOOR BRB STAGING/MOVEMENT PLANS
AS0.0.5	TYPICAL BRB MOVEMENT PLAN
AS0.0.6	TYPICAL BRB MOVEMENT PLAN
AS0.0.7	TYPICAL BRB MOVEMENT PLAN

AS1.1.1	SUB-BASEMENT FLOOR PLAN - WEST
AS1.1.2	SUB-BASEMENT FLOOR PLAN - EAST
AS1.2.1	BASEMENT FLOOR PLAN - WEST
AS1.2.2	BASEMENT FLOOR PLAN - EAST
AS1.2.3	BASEMENT FLOOR PLAN - CLC
AS1.3.1	1ST FLOOR PLAN - WEST
AS1.3.2	1ST FLOOR PLAN - EAST
AS1.3.3	1ST FLOOR PLAN - CLC
AS1.4.1	2ND FLOOR PLAN - WEST
AS1.4.2	2ND FLOOR PLAN - EAST
AS1.4.3	CLC ROOF LEVEL PLAN
AS1.5.1	3RD FLOOR PLAN - WEST
AS1.5.2	3RD FLOOR PLAN - EAST
AS1.6.1	4TH FLOOR PLAN - WEST
AS1.6.2	4TH FLOOR PLAN - EAST
AS1.7.1	5TH FLOOR PLAN - WEST
AS1.7.2	5TH FLOOR PLAN - EAST
AS1.8.1	6TH FLOOR PLAN - WEST
AS1.8.2	6TH FLOOR PLAN - EAST
AS1.9.1	7TH FLOOR PLAN - WEST
AS1.9.2	7TH FLOOR PLAN - EAST
AS1.10.1	8TH FLOOR MECH. PLAN - WEST
AS1.10.2	8TH FLOOR MECH. PLAN - EAST
AS1.11.1	8TH FLOOR MECH. MEZZ. PLAN - WEST
AS1.11.2	8TH FLOOR MECH. MEZZ. PLAN - EAST
AS1.12.1	ROOF LEVEL PLAN - WEST
AS1.12.2	ROOFLEVEL PLAN - EAST
AS1.13.1	TYPICAL INTERSTITIAL PLAN WEST
AS1.13.2	TYPICAL INTERSTITIAL PLAN EAST
AS2.1.1	BUILDING ELEVATION - NORTH
AS2.2.1	BUILDING ELEVATIONS - EAST AND WEST
AS2.3.1	BUILDING ELEVATION - SOUTH
AS2.4.1	BUILDING ELEVATIONS
AS2.5.1	BUILDING ELEVATIONS - CLC
AS3.1.1	SECTION - A
AS3.2.1	SECTION - B
AS3.3.1	WALL SECTIONS
AS3.3.2	WALL SECTIONS
AS3.3.3	WALL SECTIONS
AS3.3.4	ENLARGED STAIR PLANS AND SECTIONS
AS3.3.5	STAIR SECTION

AS4.0.1	GENERAL NOTES, TYPICAL BATHROOM DETAIL PLANS
AS4.0.2	TYPICAL FLOOR FINISH DETAILS
AS4.0.3	BATHROOM TYPICAL DETAILS
AS4.0.4	BATHROOM TYPICAL DETAILS
AS4.0.5	BATHROOM TYPICAL DETAILS
AS4.1.1	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL WEST TOWER
AS4.1.2	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL WEST TOWER
AS4.1.3	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL CORE
AS4.1.4	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL EAST TOWER
AS4.1.5	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL EAST TOWER
AS4.1.6	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL CLC
AS4.1.7	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL CLC
AS4.1.8	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL CLC
AS4.1.9	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL CLC
AS4.1.10	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL CLC
AS4.1.11	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 1ST FLOOR LEVEL CORE
AS4.2.1	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 2ND FLOOR LEVEL WEST TOWER
AS4.2.2	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 2ND FLOOR LEVEL WEST TOWER
AS4.2.3	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 2ND FLOOR LEVEL CORE & EAST TOWER
AS4.2.4	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 2ND FLOOR LEVEL EAST TOWER
AS4.2.5	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 2ND FLOOR LEVEL EAST TOWER
AS4.3.1	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 3RD FLOOR LEVEL WEST TOWER
AS4.3.2	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 3RD FLOOR LEVEL WEST TOWER
AS4.3.3	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 3RD FLOOR LEVEL CORE & EAST TOWER
AS4.3.4	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 3RD FLOOR LEVEL EAST TOWER
AS4.3.5	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 3RD FLOOR LEVEL EAST TOWER
AS4.4.1	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 4TH FLOOR LEVEL WEST TOWER

AS4.4.2	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 4TH FLOOR LEVEL WEST TOWER
AS4.4.3	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 4TH FLOOR LEVEL CORE & EAST TOWER
AS4.4.4	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 4TH FLOOR LEVEL EAST TOWER
AS4.4.5	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 4TH FLOOR LEVEL EAST TOWER
AS4.5.1	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 5TH FLOOR LEVEL WEST TOWER
AS4.5.2	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 5TH FLOOR LEVEL WEST TOWER
AS4.5.3	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 5TH FLOOR LEVEL CORE & EAST TOWER
AS4.5.4	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 5TH FLOOR LEVEL EAST TOWER
AS4.5.5	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 5TH FLOOR LEVEL EAST TOWER
AS4.6.1	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 6TH FLOOR LEVEL WEST TOWER
AS4.6.2	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 6TH FLOOR LEVEL WEST TOWER
AS4.6.3	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 6TH FLOOR LEVEL CORE & EAST TOWER
AS4.6.4	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 6TH FLOOR LEVEL EAST TOWER
AS4.6.5	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 6TH FLOOR LEVEL EAST TOWER
AS4.7.1	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 7TH FLOOR LEVEL WEST TOWER
AS4.7.2	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 7TH FLOOR LEVEL WEST TOWER
AS4.7.3	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 7TH FLOOR LEVEL CORE & EAST TOWER
AS4.7.4	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 7TH FLOOR LEVEL EAST TOWER
AS4.7.5	INTERIOR ELEVATIONS WITH PARTIAL FLOOR PLAN AND PARTIAL RCP FOR 7TH FLOOR LEVEL EAST TOWER
AS5.1.1	(E)PARTITION TYPES
AS5.1.2	(E)PARTITION TYPES
AS5.1.3	WALL TYPES AND DETAILS
AS5.2.1	TYPICAL INTERIOR ELEVATION & DETAILS
AS5.2.2	PARTITION DETAILS
AS5.2.3	TYPICAL COLUMN DETAILS
AS5.2.4	(E)PARTITION DETAILS & EARTHQUAKE JOINTS
AS5.2.5	(E)PARTITION DETAILS & EARTHQUAKE JOINTS
AS5.3.1	EXTERIOR DETAILS
AS5.3.2	EXTERIOR DETAILS

AS5.4.1	(E) HEADWALL TYPES
AS5.4.2	(E) HEADWALL TYPES
AS5.5.1	(E)CEILING DETAILS
AS5.5.2	MISC. SUPPORT DETAILS
AS5.5.3	INTERIOR DETAILS

AF6.1.1	FINISH SCHEDULE
AF6.1.2	FINISH SCHEDULE

STRUCTURAL

SF 0.0.1	GENERAL NOTES
SF 0.0.2	GENERAL NOTES, SYMBOLS AND ABBREVIATIONS
SF 0.3.1	TYPICAL DETAILS

SB 1.1.1	SUB-BASEMENT PLAN - WEST
SB 1.1.2	SUB-BASEMENT PLAN - EAST
SB 1.2.1	BASEMENT PLAN - WEST
SB 1.2.2	BASEMENT PLAN - EAST
SB 1.2.3	BASEMENT PLAN - CLC
SB 1.2.4	BASEMENT (INTERSTITIAL) FRAMING PLAN - WEST
SB 1.2.5	BASEMENT(INTERSTITIAL) FRAMING PLAN - EAST

SF 1.3.1	1ST FLOOR FRAMING PLAN - WEST
SF 1.3.2	1ST FLOOR FRAMING PLAN - EAST
SF 1.3.3	1ST FLOOR FRAMING PLAN - CLC
SF 1.3.4	1ST FLOOR (INTERSTITIAL) FRAMING PLAN - WEST
SF 1.3.5	1ST FLOOR (INTERSTITIAL) FRAMING PLAN - EAST
SF 1.4.1	2ND FLOOR FRAMING PLAN - WEST
SF 1.4.2	2ND FLOOR FRAMING PLAN - EAST
SF 1.4.3	ROOF FRAMING PLAN - CLC
SF 1.4.4	2ND FLOOR (INTERSTITIAL) FRAMING PLAN - WEST
SF 1.4.5	2ND FLOOR (INTERSTITIAL) FRAMING PLAN - EAST
SF 1.5.1	3RD FLOOR FRAMING PLAN - WEST
SF 1.5.2	3RD FLOOR FRAMING PLAN - EAST
SF 1.5.3	3RD FLOOR (INTERSTITIAL) FRAMING PLAN - WEST
SF 1.5.4	3RD FLOOR (INTERSTITIAL) FRAMING PLAN - EAST
SF 1.6.1	4TH FLOOR FRAMING PLAN - WEST
SF 1.6.2	4TH FLOOR FRAMING PLAN - EAST
SF 1.6.3	4TH FLOOR (INTERSTITIAL) FRAMING PLAN - WEST
SF 1.6.4	4TH FLOOR (INTERSTITIAL) FRAMING PLAN - EAST
SF 1.7.1	5TH FLOOR FRAMING PLAN - WEST
SF 1.7.2	5TH FLOOR FRAMING PLAN - EAST
SF 1.7.3	5TH FLOOR (INTERSTITIAL) FRAMING PLAN - WEST

SF 1.7.4	5TH FLOOR (INTERSTITIAL) FRAMING PLAN - EAST
SF 1.8.1	6TH FLOOR FRAMING PLAN - WEST
SF 1.8.2	6TH FLOOR FRAMING PLAN - EAST
SF 1.8.3	6TH FLOOR (INTERSTITIAL) FRAMING PLAN - WEST
SF 1.8.4	6TH FLOOR (INTERSTITIAL) FRAMING PLAN - EAST
SF 1.9.1	7TH FLOOR FRAMING PLAN - WEST
SF 1.9.2	7TH FLOOR FRAMING PLAN - EAST
SF 1.9.3	7TH FLOOR (INTERSTITIAL) FRAMING PLAN - WEST
SF 1.9.4	7TH FLOOR (INTERSTITIAL) FRAMING PLAN - EAST
SF 1.10.1	8TH FLOOR FRAMING PLAN - WEST
SF 1.10.2	8TH FLOOR FRAMING PLAN - EAST
SF 1.11.1	MECHANICAL & MEZZANINE FRAMING PLAN - WEST
SF 1.11.2	MECHANICAL & MEZZANINE FRAMING PLAN - EAST
SF 1.12.1	ROOF FRAMING PLAN - WEST
SF 1.12.2	ROOF FRAMING PLAN - EAST
SB 1.21.1	SUB-BASEMENT PIPING BRACING PLAN - WEST
SB 1.21.2	SUB-BASEMENT PIPING BRACING PLAN - EAST
SB 1.21.3	SUB-BASEMENT SPRINKLER BRACING PLAN -WEST
SB 1.21.4	SUB-BASEMENT SPRINKLER BRACING PLAN -EAST
SB 1.21.5	SUB-BASEMENT ELECTRICAL BRACING PLAN -WEST
SB 1.21.6	SUB-BASEMENT ELECTRICAL BRACING PLAN -EAST
SB 1.22.1	BASEMENT EQUIPMENT BRACING PLAN -EAST
SB 1.22.2	BASEMENT EQUIPMENT BRACING PLAN -CLC
SB 1.22.3	BASEMENT HVAC BRACING PLAN -EAST
SB 1.22.4	BASEMENT HVAC BRACING PLAN -CLC
SB 1.22.5	BASEMENT PIPING BRACING PLAN -WEST
SB 1.22.6	BASEMENT PIPING BRACING PLAN -EAST
SB 1.22.7	BASEMENT PIPING BRACING PLAN -CLC
SB 1.22.8	BASEMENT SPRINKLER BRACING PLAN - WEST
SB 1.22.9	BASEMENT SPRINKLER BRACING PLAN -EAST
SB 1.22.10	BASEMENT SPRINKLER BRACING PLAN -CLC
SB 1.22.11	BASEMENT ELECTRICAL BRACING PLAN -EAST
SB 1.22.12	BASEMENT ELECTRICAL BRACING PLAN -CLC
SB 1.22.13	BASEMENT (INTERSTITIAL) HVAC BRACING PLAN - WEST
SB 1.22.14	BASEMENT (INTERSTITIAL) HVAC BRACING PLAN - EAST
SB 1.22.15	BASEMENT (INTERSTITIAL) PIPING BRACING PLAN - WEST
SB 1.22.16	BASEMENT (INTERSTITIAL) PIPING BRACING PLAN - EAST
SB 1.22.17	BASEMENT (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SB 1.22.18	BASEMENT (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SB 1.22.19	BASEMENT (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SB 1.22.20	BASEMENT (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.23.1	1ST FLOOR (INTERSTITIAL) HVAC BRACING PLAN - WEST

SF 1.23.2	1ST FLOOR (INTERSTITIAL) HVAC BRACING PLAN - EAST
SF 1.23.3	1ST FLOOR (INTERSTITIAL) PIPING BRACING PLAN - WEST
SF 1.23.4	1ST FLOOR (INTERSTITIAL) PIPING BRACING PLAN - EAST
SF 1.23.5	1ST FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SF 1.23.6	1ST FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SF 1.23.7	1ST FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SF 1.23.8	1ST FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.24.1	2ND FLOOR (INTERSTITIAL) HVAC BRACING PLAN - WEST
SF 1.24.2	2ND FLOOR (INTERSTITIAL) HVAC BRACING PLAN - EAST
SF 1.24.3	2ND FLOOR (INTERSTITIAL) PIPING BRACING PLAN - WEST
SF 1.24.4	2ND FLOOR (INTERSTITIAL) PIPING BRACING PLAN - EAST
SF 1.24.5	2ND FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SF 1.24.6	2ND FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SF 1.24.7	2ND FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SF 1.24.8	2ND FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.25.1	3RD FLOOR (INTERSTITIAL) HVAC BRACING PLAN - WEST
SF 1.25.2	3RD FLOOR (INTERSTITIAL) HVAC BRACING PLAN - EAST
SF 1.25.3	3RD FLOOR (INTERSTITIAL) PIPING BRACING PLAN - WEST
SF 1.25.4	3RD FLOOR (INTERSTITIAL) PIPING BRACING PLAN - EAST
SF 1.25.5	3RD FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SF 1.25.6	3RD FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SF 1.25.7	3RD FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SF 1.25.8	3RD FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.26.1	4TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - WEST
SF 1.26.2	4TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - EAST
SF 1.26.3	4TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - WEST
SF 1.26.4	4TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - EAST
SF 1.26.5	4TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SF 1.26.6	4TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SF 1.26.7	4TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SF 1.26.8	4TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.27.1	5TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - WEST
SF 1.27.2	5TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - EAST
SF 1.27.3	5TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - WEST
SF 1.27.4	5TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - EAST
SF 1.27.5	5TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SF 1.27.6	5TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SF 1.27.7	5TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SF 1.27.8	5TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.28.1	6TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - WEST
SF 1.28.2	6TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - EAST
SF 1.28.3	6TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - WEST
SF 1.28.4	6TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - EAST

SF 1.28.5	6TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SF 1.28.6	6TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SF 1.28.7	6TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SF 1.28.8	6TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.29.1	7TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - WEST
SF 1.29.2	7TH FLOOR (INTERSTITIAL) HVAC BRACING PLAN - EAST
SF 1.29.3	7TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - WEST
SF 1.29.4	7TH FLOOR (INTERSTITIAL) PIPING BRACING PLAN - EAST
SF 1.29.5	7TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - WEST
SF 1.29.6	7TH FLOOR (INTERSTITIAL) SPRINKLER BRACING PLAN - EAST
SF 1.29.7	7TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - WEST
SF 1.29.8	7TH FLOOR (INTERSTITIAL) ELECTRICAL BRACING PLAN - EAST
SF 1.30.1	8TH FLOOR EQUIPMENT BRACING PLAN - WEST
SF 1.30.2	8TH FLOOR EQUIPMENT BRACING PLAN - EAST
SF 1.30.3	8TH FLOOR HVAC BRACING PLAN - WEST
SF 1.30.4	8TH FLOOR HVAC BRACING PLAN - EAST
SF 1.30.5	8TH FLOOR PIPING BRACING PLAN - WEST
SF 1.30.6	8TH FLOOR PIPING BRACING PLAN - EAST
SF 1.30.7	8TH FLOOR SPRINKLER BRACING PLAN - WEST
SF 1.30.8	8TH FLOOR SPRINKLER BRACING PLAN - EAST
SF 1.30.9	UNDER-MEZZANINE BRACING PLANS
SF 2.1.1	FRAMING ELEVATIONS - NURSING TOWERS
SF 2.1.2	FRAMING ELEVATIONS - NURSING TOWERS
SF 2.1.3	FRAMING ELEVATIONS - NURSING TOWERS
SF 2.1.4	FRAMING ELEVATIONS - NURSING TOWERS
SF 2.1.5	FRAMING ELEVATIONS - NURSING TOWERS
SF 2.1.6	FRAMING ELEVATIONS - NURSING TOWERS
SF 2.1.7	FRAMING ELEVATIONS - CENTRAL CORE
SF 2.1.8	FRAMING ELEVATIONS - CENTRAL CORE AND NURSING TOWERS
SF 2.1.9	FRAMING ELEVATIONS - CLC
SF 2.1.10	FRAMING ELEVATIONS - CLC
SF 2.1.11	FRAMING ELEVATIONS - CLC
SF 3.1.1	8TH FLOOR HVAC SECTIONS
SF 4.1.0	SUB-BASEMENT PIPING BRACING PARTIAL PLANS
SF 4.1.1	PARTIAL PLANS
SF 5.1.1	(E) NURSING TOWER CONDITIONS
SF 5.2.1	COMMUNITY LIVING CENTER EXISTING CONDITIONS
SF 5.3.1	NURSING TOWER BUCKLING RESTRAINED BRACE DETAILS
SF 5.3.2	NURSING TOWER BUCKLING RESTRAINED BRACE DETAILS
SF 5.3.3	NURSING TOWER BUCKLING RESTRAINED BRACE DETAILS

SF 5.3.4	NURSING TOWER DETAILS
SF 5.3.5	NURSING TOWER DETAILS
SF 5.3.6	NURSING TOWER DETAILS
SF 5.4.1	CLC BUCKLING-RESTAINED BRACE DETAILS
SF 5.4.2	COMMUNITY LIVING CENTER DETAILS
SF 5.4.3	COMMUNITY LIVING CENTER DETAILS
SF 5.5.1	INTERSTITIAL FLOOR DETAILS
SF 5.5.2	INTERSTITIAL FLOOR DETAILS
SF 5.5.3	INTERSTITIAL FLOOR DETAILS
SF 5.6.1	NONSTRUCTURAL BRACING DETAILS
SF 5.6.2	TYPICAL BRACING DETAILS
SF 5.6.3	TYPICAL BRACING DETAILS
SF 5.6.4	NONSTRUCTURAL BRACING DETAILS
SF 5.6.5	NONSTRUCTURAL BRACING DETAILS
SF 5.6.6	NONSTRUCTURAL BRACING DETAILS
SF 5.6.7	EQUIPMENT BRACING SCHEDULE AND DETAILS
SF 5.6.8	EQUIPMENT BRACING DETAILS

MECHANICAL

MH0.1.1	MECHANICAL SYMBOLS AND ABBREVIATIONS
MH1.1.1	SUB-BASEMENT FLOOR PLAN - WEST (FOR REFERENCE ONLY)
MH1.1.2	SUB-BASEMENT FLOOR PLAN - EAST (FOR REFERENCE ONLY)
MH1.2.1	BASEMENT FLOOR PLAN - WEST (FOR REFERENCE ONLY)
MH1.2.2	BASEMENT FLOOR PLAN - EAST (FOR REFERENCE ONLY)
MH1.2.3	BASEMENT FLOOR PLAN - CLC (FOR REFERENCE ONLY)
MH1.2.4	BASEMENT FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - WEST
MH1.2.5	BASEMENT FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST (FOR REFERENCE ONLY)
MH1.3.1	FIRST FLOOR MECHANICAL DEMOLITION PLAN - WEST
MH1.3.2	FIRST FLOOR MECHANICAL DEMOLITION PLAN - EAST
MH1.3.3	FIRST FLOOR HVAC DEMOLITION PLAN - CLC
MH1.3.4	FIRST FLOOR PLUMBING DEMOLITION PLAN - CLC
MH1.3.5	FIRST FLOOR INTERSTITIAL HVAC DEMOLITION PLAN - WEST
MH1.3.6	FIRST FLOOR INTERSTITIAL PLUMBING DEMOLITION PLAN - WEST
MH1.3.7	FIRST FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST
MH1.4.1	SECOND FLOOR MECHANICAL DEMOLITION PLAN - WEST
MH1.4.2	SECOND FLOOR MECHANICAL DEMOLITION PLAN - EAST
MH1.4.3	SECOND FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - WEST
MH1.4.4	SECOND FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST
MH1.5.1	THIRD FLOOR MECHANICAL DEMOLITION PLAN - WEST
MH1.5.2	THIRD FLOOR MECHANICAL DEMOLITION PLAN - EAST
MH1.5.3	THIRD FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - WEST

MH1.5.4	THIRD FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST
MH1.6.1	FOURTH FLOOR MECHANICAL DEMOLITION PLAN - WEST
MH1.6.2	FOURTH FLOOR MECHANICAL DEMOLITION PLAN - EAST
MH1.6.3	FOURTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - WEST
MH1.6.4	FOURTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST
MH1.7.1	FIFTH FLOOR MECHANICAL DEMOLITION PLAN - WEST
MH1.7.2	FIFTH FLOOR MECHANICAL DEMOLITION PLAN - EAST
MH1.7.3	FIFTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - WEST
MH1.7.4	FIFTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST
MH1.8.1	SIXTH FLOOR MECHANICAL DEMOLITION PLAN - WEST
MH1.8.2	SIXTH FLOOR MECHANICAL DEMOLITION PLAN - EAST
MH1.8.3	SIXTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - WEST
MH1.8.4	SIXTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST
MH1.9.1	SEVENTH FLOOR MECHANICAL DEMOLITION PLAN - WEST
MH1.9.2	SEVENTH FLOOR MECHANICAL DEMOLITION PLAN - EAST
MH1.9.3	SEVENTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - WEST
MH1.9.4	SEVENTH FLOOR INTERSTITIAL MECHANICAL DEMOLITION PLAN - EAST
MH1.10.1	EIGHTH FLOOR PLAN - WEST (FOR REFERENCE ONLY)
MH1.10.2	EIGHTH FLOOR PLAN - EAST (FOR REFERENCE ONLY)
MH1.11.1	ROOF PLAN - WEST (FOR REFERENCE ONLY)
MH1.11.2	ROOF PLAN - EAST (FOR REFERENCE ONLY)
MH2.2.4	BASEMENT FLOOR INTERSTITIAL MECHANICAL PLAN - WEST
MH2.3.1	FIRST FLOOR MECHANICAL PLAN - WEST
MH2.3.2	FIRST FLOOR MECHANICAL PLAN - EAST
MH2.3.3	FIRST FLOOR HVAC PLAN - CLC
MH2.3.4	FIRST FLOOR PLUMBING PLAN - CLC
MH2.3.5	FIRST FLOOR INTERSTITIAL HVAC PLAN - WEST
MH2.3.6	FIRST FLOOR INTERSTITIAL PLUMBING PLAN - EAST
MH2.3.7	FIRST FLOOR INTERSTITIAL MECHANICAL PLAN - EAST
MH2.4.1	SECOND FLOOR MECHANICAL PLAN - WEST
MH2.4.2	SECOND FLOOR MECHANICAL PLAN - EAST
MH2.4.3	SECOND FLOOR INTERSTITIAL MECHANICAL PLAN - WEST
MH2.4.4	SECOND FLOOR INTERSTITIAL MECHANICAL PLAN - EAST
MH2.5.1	THIRD FLOOR MECHANICAL PLAN - WEST
MH2.5.2	THIRD FLOOR MECHANICAL PLAN - EAST
MH2.5.3	THIRD FLOOR INTERSTITIAL MECHANICAL PLAN - WEST
MH2.5.4	THIRD FLOOR INTERSTITIAL MECHANICAL PLAN - EAST
MH2.6.1	FOURTH FLOOR MECHANICAL PLAN - WEST
MH2.6.2	FOURTH FLOOR MECHANICAL PLAN - EAST
MH2.6.3	FOURTH FLOOR INTERSTITIAL MECHANICAL PLAN - WEST
MH2.6.4	FOURTH FLOOR INTERSTITIAL MECHANICAL PLAN - EAST
MH2.7.1	FIFTH FLOOR MECHANICAL PLAN - WEST
MH2.7.2	FIFTH FLOOR MECHANICAL PLAN - EAST

MH2.7.3	FIFTH FLOOR INTERSTITIAL MECHANICAL PLAN - WEST
MH2.7.4	FIFTH FLOOR INTERSTITIAL MECHANICAL PLAN - EAST
MH2.8.1	SIXTH FLOOR MECHANICAL PLAN - WEST
MH2.8.2	SIXTH FLOOR MECHANICAL PLAN - EAST
MH2.8.3	SIXTH FLOOR INTERSTITIAL MECHANICAL PLAN - WEST
MH2.8.4	SIXTH FLOOR INTERSTITIAL MECHANICAL PLAN - EAST
MH2.9.1	SEVENTH FLOOR MECHANICAL PLAN - WEST
MH2.9.2	SEVENTH FLOOR MECHANICAL PLAN - EAST
MH2.9.3	SEVENTH FLOOR INTERSTITIAL MECHANICAL PLAN - WEST
MH2.9.4	SEVENTH FLOOR INTERSTITIAL MECHANICAL PLAN - EAST
MH3.1.1	TYPICAL FLOOR BRB STAGING MOVEMENT PLANS
MH3.1.2	TYPICAL FLOOR BRB STAGING MOVEMENT PLANS
MH3.1.3	TYPICAL FLOOR BRB STAGING MOVEMENT PLANS
MH3.1.4	MECHANICAL DETAILS

ELECTRICAL

EI 0.0.1	SYMBOLS AND ABBREVIATIONS
----------	---------------------------

EL 1.1.1	SUB-BASEMENT FLOOR PLAN - WEST - LIGHTING
EL 1.1.2	SUB-BASEMENT FLOOR PLAN - EAST - LIGHTING
EL 1.2.1	BASEMENT FLOOR PLAN - WEST - LIGHTING
EL 1.2.2	BASEMENT FLOOR PLAN - EAST - LIGHTING
EL 1.2.3	BASEMENT FLOOR PLAN - CLC - LIGHTING
EL 1.3.1	FIRST FLOOR PLAN - WEST - LIGHTING
EL 1.3.2	FIRST FLOOR PLAN - EAST - LIGHTING
EL 1.3.3	FIRST FLOOR CLC PLAN - LIGHTING
EL 1.4.1	SECOND FLOOR PLAN - WEST - LIGHTING
EL 1.4.2	SECOND FLOOR PLAN - EAST - LIGHTING
EL 1.5.1	THIRD FLOOR PLAN - WEST - LIGHTING
EL 1.5.2	THIRD FLOOR PLAN - EAST - LIGHTING
EL 1.6.1	FOURTH FLOOR PLAN - WEST - LIGHTING
EL 1.6.2	FOURTH FLOOR PLAN - EAST - LIGHTING
EL 1.7.1	FIFTH FLOOR PLAN - WEST - LIGHTING
EL 1.7.2	FIFTH FLOOR PLAN - EAST - LIGHTING
EL 1.8.1	SIXTH FLOOR PLAN - WEST - LIGHTING
EL 1.8.2	SIXTH FLOOR PLAN - EAST - LIGHTING
EL 1.9.1	SEVENTH FLOOR PLAN - WEST - LIGHTING
EL 1.9.2	SEVENTH FLOOR PLAN - EAST - LIGHTING
EL 1.10.1	EIGHTH FLOOR PLAN - WEST - LIGHTING
EL 1.10.2	EIGHTH FLOOR PLAN - EAST - LIGHTING
EL 1.11.1	EIGHT FLOOR MECHANICAL MEZZANINE FLOOR PLAN - WEST - LIGHTING
EL 1.11.2	EIGHT FLOOR MECHANICAL MEZZANINE FLOOR PLAN - EAST - LIGHTING

EL 1.12.1	ROOF LEVEL PLAN - WEST - LIGHTING
EL 1.12.2	ROOF LEVEL PLAN - EAST - LIGHTING
EL 1.13.1	TYPICAL INTERSTITIAL FLOOR PLAN - WEST - LIGHTING
EL 1.13.2	TYPICAL INTERSTITIAL FLOOR PLAN - EAST - LIGHTING
EP 1.1.1	SUB-BASEMENT FLOOR PLAN - WEST - POWER
EP 1.1.2	SUB-BASEMENT FLOOR PLAN - EAST - POWER
EP 1.2.1	BASEMENT FLOOR PLAN - WEST - POWER
EP 1.2.2	BASEMENT FLOOR PLAN - EAST - POWER
EP 1.2.3	BASEMENT FLOOR PLAN - CLC - POWER
EP 1.3.1	FIRST FLOOR PLAN - WEST - POWER
EP 1.3.2	FIRST FLOOR PLAN - EAST - POWER
EP 1.3.3	FIRST FLOOR CLC PLAN - POWER
EP 1.4.1	SECOND FLOOR PLAN - WEST - POWER
EP 1.4.2	SECOND FLOOR PLAN - EAST - POWER
EP 1.5.1	THIRD FLOOR PLAN - WEST - POWER
EP 1.5.2	THIRD FLOOR PLAN - EAST - POWER
EP 1.6.1	FOURTH FLOOR PLAN - WEST - POWER
EP 1.6.2	FOURTH FLOOR PLAN - EAST - POWER
EP 1.7.1	FIFTH FLOOR PLAN - WEST - POWER
EP 1.7.2	FIFTH FLOOR PLAN - EAST - POWER
EP 1.8.1	SIXTH FLOOR PLAN - WEST - POWER
EP 1.8.2	SIXTH FLOOR PLAN - EAST - POWER
EP 1.9.1	SEVENTH FLOOR PLAN - WEST - POWER
EP 1.9.2	SEVENTH FLOOR PLAN - EAST - POWER
EP 1.10.1	EIGHTH FLOOR PLAN - WEST - POWER
EP 1.10.2	EIGHTH FLOOR PLAN - EAST - POWER
EP 1.11.1	8TH FLOOR MECH. MEZZANINE FLOOR PLAN - WEST - POWER
EP 1.11.2	8TH FLOOR MECH. MEZZANINE PLAN - EAST - POWER
EP 1.12.1	ROOF FLOOR PLAN - WEST - POWER
EP 1.12.2	ROOF FLOOR PLAN - EAST - POWER
EP 1.13.1	TYPICAL INTERSTITIAL FLOOR PLAN - WEST - POWER
EP 1.13.2	TYPICAL INTERSTITIAL FLOOR PLAN - EAST - POWER

END OF SECTION

LIST OF OTHER ATTACHMENTS

PROJECT NARRATIVE

ASSESSMENT REPORT – ASBESTOS AND LEAD BASED PAINT

GEOTECHNICAL REPORT

STRUCTURAL CALCULATIONS (4 PDF FILES)

**SUGGESTED CONSTRUCTION SCHEDULE BY THE VA PUGET SOUND HEALTHCARE SYSTEM
DATED JANUARY 3, 2012**

AFTER INSTALLATION CHECKLIST FOR CEILING MOUNTED PATIENT LIFTS