



**SOUTH DAKOTA SCIENCE AND TECHNOLOGY AUTHORITY
SANFORD UNDERGROUND RESEARCH FACILITY**

4850L ROSS SUBSTATION

CONTRACT #2025-13

COMPANY NAME

GENERAL CONDITIONS

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ARTICLE 1 DEFINITIONS

- 1.1 Owner:** South Dakota Science and Technology Authority
- 1.2 Contractor:** The person or entity identified as such in the Agreement for Construction, including authorized representatives.
- 1.3 Subcontractor:** Any individual, firm or corporation to whom the Contractor sublets any part of the contract for supplying materials and labor, or only labor, at the site of the project.
- 1.4 Contract Documents:** The Agreement for Construction, the Request for Proposal with Instructions to Bidders and attached Exhibits, the Plans, Drawings, and Specifications, Contractor's Proposal Dated **MONTH DAY, YEAR**, Contractor ESH Questionnaire, Construction ESH Manual and these General Conditions.
- 1.5 Contract (or Agreement):** The Contract Documents form the Contract.
- 1.6 Work:** The completed construction required by the Contract Documents, and every part thereof, including all labor necessary to produce such construction, and all materials and equipment incorporated or to be incorporated into such construction.
- 1.7 Project:** The total construction of which the work performed under the Contract Documents may be the whole or a part.
- 1.8 Drawings or Plans:** The graphic and pictorial portions of the Contract Documents showing the design, dimensions and layout of the work including, but not limited to, plan views, elevation views, details, sections, schedules, and diagrams.
- 1.9 Specifications:** The written requirements for materials, equipment, construction systems, standards and workmanship.

ARTICLE 2 EXECUTION, CORRELATION AND INTENT

2.1 By executing the Agreement for Construction, the Contractor represents that Contractor has examined the Contract Documents. The intent of the Contract Documents is to include all items necessary for the proper execution and completion of the Work. The Contract Documents are complementary, and what is required by any one shall be as binding as if required by all. Work not covered in the Contract Documents will not be required unless it is consistent therewith and is reasonably inferable therefrom as being necessary to produce the intended results. Words and abbreviations which have well-known technical, or trade meanings are used in the Contract Documents in accordance with such recognized meanings. All Work mentioned or indicated in the Contract Documents shall be performed by the Contractor as part of this Contract unless it is specifically indicated in the Contract Documents that such Work is to be done by others. Should the Drawings or the Specifications disagree in themselves or with each other, the Contractor shall provide the better quality or greater quantity of work and/or materials unless otherwise directed by written change.

- 2.2** The organization of the Specifications into divisions, sections and articles, and the arrangement of Drawings shall not control the Contractor in dividing the Work among Subcontractors or in establishing the extent of work to be performed by any trade.
- 2.3** Owner assumes no liability arising out of jurisdictional issues raised or claims advanced by trade organizations or other interested parties based on the arrangement or manner of subdivision of the content of the Specifications and Drawings.
- 2.4** All indications or notations which apply to one of a number of similar situations, materials or processes shall be deemed to apply to all such situations, materials or processes wherever they appear in the Work, except where a contrary result is clearly indicated by the Contract Documents.
- 2.5** Where codes, standards, requirements and publications or public and private trade associations or other bodies are referred to in the Specifications, references shall be understood to be in the latest revision prior to the date of receiving bids, except where otherwise indicated.
- 2.6** Where no explicit quality or standards for materials or workmanship are established for Work, such Work is to be of good quality for the intended use and consistent with the quality of the surrounding Work, of the construction of the Project generally, and industry standards.
- 2.7** All manufactured articles, materials, and equipment shall be applied, installed, connected, erected, used, cleaned, and conditioned in accordance with the manufacturer's written or printed directions and instructions unless otherwise indicated in the Contract Documents. A copy of the manufacturer's written or printed directions shall be provided to the Owner upon completion of the project.
- 2.8** Nothing contained in the Contract Documents shall create any contractual relationship between the Owner and any Subcontractor, Sub-subcontractor or supplier.
- 2.9** The Contract may be amended or modified only in writing in the manner set forth in Article 13.

ARTICLE 3

OWNERSHIP, USE OF DOCUMENTS, CONFIDENTIALITY OF DOCUMENTS

3.1 Ownership of Work Product

Any plans, specifications, engineering calculations, technical data, reports, miscellaneous drawings, and all information contained therein provided by Owner, its consultants, employees, contractors and agents to the Contractor for the Contractor's performance of its obligations under this agreement are the property of the Owner. They are to be used only with respect to this Project and are not to be used for any other project. The Contractor may not disseminate these materials to any person or entity nor may the Contractor use these materials for purposes other than work for the Owner, without the express written approval of the Owner. The Owner shall not unreasonably withhold such approval for dissemination of these materials as necessary to subcontractors and suppliers.

3.2 Confidentiality of Documents

All reports, plans, specifications, engineering calculations, technical data, miscellaneous drawings, and information contained therein, provided to, or prepared by the Contractor, its

owners, officers, employees, agents, consultants, suppliers, and subcontractors in connection with the Contractor's performance under this agreement are confidential and the Contractor, its owners, officers, employees, agents, consultants, suppliers, and subcontractors shall not disclose this information to any person, individual, or entity without the express written permission of the Owner or as otherwise required by law.

3.3 Return of Documents

All documents covered by this Article 3 shall be delivered to the Owner at the completion of the Work. The Contractor may not retain any such documents for its own use without the express written permission of the Owner and any documents that are retained, with or without permission, shall be subject to all of the requirements of this Article 3.

3.4 Terms to be Included In Subcontracts

The Contractor shall include the requirements of this Article 3 in any contract it enters into with any consultants, subcontractors, suppliers, persons, individuals, or entities for the performance of any of the Contractor's obligations under this agreement.

ARTICLE 4 OWNER'S RIGHTS AND RESPONSIBILITIES

4.1 Information and Services Required of the Owner

4.1.1 The Owner shall secure and pay for necessary easements, permits, and other property rights required for the construction of the Project.

4.1.2 Information under the Owner's control shall be furnished by the Owner with reasonable promptness after receipt from the Contractor of a written request for such information.

4.1.3 Unless otherwise provided in the Contract Documents, the Contractor will be furnished with electronic copies of the Drawings and Specifications necessary for the execution of the Work. If no electronic copies are available Contractor will be furnished with a reasonable number of prints of Drawings and Specifications, at no cost to Contractor.

4.1.4 The foregoing are in addition to other duties and responsibilities of the Owner enumerated herein.

4.2 Owner's Right to Stop the Work: If the Contractor fails to correct defective Work as required by Article 14 within no less than three working days after receipt of written notice from the Owner or in such time as may be established in written notice from Owner to commence and continue correction of such default or neglect with diligence and promptness, or fails to carry out the Work in accordance with the Contract Documents in any material respect, the Owner, in addition to its other remedies, by a written order signed by the Owner, may order the Contractor to stop the Work, or any portion thereof, until the cause for such order has been eliminated; however, this right of the Owner to stop the Work shall not give rise to any duty on the part of the Owner to exercise this right for the benefit of the Contractor or any other person or entity.

4.3 Owner's Right to Carry Out the Work: If the Contractor defaults or neglects to carry out the Work in accordance with the Contract Documents in any material respect and fails within three working days after receipt of written notice from the Owner or in such time as may be established in written notice from Owner to commence and continue correction of

such default or neglect with diligence and promptness, or if the Work is not being performed properly or in accordance with the scheduling provisions of the Contract Documents in any material respect, the Owner may, after the expiration of such notice period and without prejudice to any other remedy it may have, make good such deficiencies. In such case an appropriate Change Order shall be issued deducting from the payments then or thereafter due the Contractor the cost of correcting such deficiencies, including compensation for Owner's additional services made necessary by such default, neglect or failure. If the payments then or thereafter due the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the Owner upon demand. If, in the sole judgment of the Owner, an emergency exists as a result of the Contractor's default, neglect or failure to correct defective work, which in the Owner's opinion, requires more immediate corrective action than the Contractor is able to provide, then the Owner may, after providing notice to the Contractor, perform such corrective work or cause it to be performed by others. The Owner shall also have the right to carry out the Work, or any part thereof, during the period of any work stoppage without terminating the Contract. If the Owner wishes to exercise this right it will give the Contractor three days' notice of its intent to do so. In any such case, an appropriate deductive Change Order shall be issued in accordance with Article 13, the amount of which shall not exceed an amount which equals the estimated direct cost, of performing the work which the Owner elects to perform and the proportionate amount of the Contractor's fee associated therewith.

4.4 Owner's Right to Access for Observation or Other Work: The Owner reserves the right of access to any part of the Work, at any time, for the purpose of observation, or testing, or to install other work, either with its own forces or with separate contractors. Such access is not to be construed to mean partial occupancy by Owner, and no claim for additional compensation by the Contractor because of such access or installation of work will be considered. Contractor shall cooperate with Owner during Owner's access or performance of work.

4.5 Owner's Representative: The Owner's Representative shall be the initial point of contact between the Contractor and Owner for all matters relating to the administration of the Contract and the Work and shall be given all notices required by the Contract. Important communications, including requests for Change Orders, notices of termination, and similar notices, shall be confirmed in writing with the Owner's Representative and also given to the persons listed in Article VII of the Agreement for Construction. Other communications shall be confirmed in writing upon written request. Owner's Representative on this project is:

Name, Title

South Dakota Science and Technology Authority
630 East Summit Street
Lead, SD 57754

Office: **Phone**

Email: email@sanfordlab.org

ARTICLE 5 CONTRACTOR'S RESPONSIBILITIES

5.1 Review of Contract Documents: The Contractor shall carefully study and compare the Contract Documents and shall at once report to the Owner any error, inconsistency or omission Contractor may discover. The Contractor shall not be liable to the Owner for any damage resulting from any such errors, inconsistency or omission Contractor may discover and report, nor for any damage resulting from any such errors, inconsistencies or omissions which Contractor could not reasonably have discovered. The Contractor shall perform no portion of the Work at any time without Contract Documents.

5.2 Supervision and Construction Procedures

5.2.1 The Contractor shall supervise and direct the Work, using the skill and attention necessary to complete the Work in a workmanlike manner. The Contractor shall be solely responsible for all construction means, methods, techniques, sequences and procedures and for coordinating all portions of the Work under the contract. The Owner shall have no control over, or responsibility for, any such matters.

5.2.2 Nothing contained in the Contract Documents shall be interpreted by implication or otherwise as a direction by the Owner to the Contractor as to construction means, methods, techniques, sequences and procedures. If there is express reference to such means, methods, techniques, sequences and procedures, it is solely for the purpose of insuring that the Work will be produced in accordance with the desired objectives as set forth in the Contract Documents but such express reference shall in no way relieve the Contractor of its responsibilities in connection therewith. If the Contractor does not wish to accept the responsibility for any means, techniques, sequences or procedures which are expressly set forth in the Contract Documents, then the Contractor shall notify the Owner in writing of the actual means, methods, techniques, sequences and procedures which Contractor will employ on the Work if these differ from those expressly referred to in the Contract Documents. All loss, damage or liability or cost of correcting defective Work arising from the employment of any construction means, methods, techniques, sequences or procedures shall be borne by the Contractor notwithstanding that any of the same shall have been referred to expressly in the Contract Documents.

5.2.3 The Contractor shall be responsible to the Owner for the acts and omissions of Contractor's employees, Subcontractors, Sub-subcontractors, materialmen and suppliers and their agents and employees, and other persons performing any of the Work.

5.2.4 The Contractor shall not be relieved from Contractor's obligations to perform the Work in accordance with the Contract Documents by the use or occupancy of part of the Work by the Owner as provided in Article 4.4, by the performance of Work related to the Project by others as provided in Article 7.1, or by inspections, tests or approvals required or performed under Article 8.7 by persons other than the Contractor.

5.2.5 The Contractor shall coordinate and supervise the Work performed by Subcontractors to the end that the Work is carried out without conflict between trades or jurisdictional disputes and so that no Subcontractor, at any time, causes delay to the general progress of the Work. The Contractor and all Subcontractors shall at all times afford each other Subcontractor, any separate contractor, and the Owner, every reasonable opportunity for the installation of the Work and the storage of materials, and shall provide access to and the use of necessary loading dock and hoist facilities, adequate storage room and necessary utilities and otherservices.

5.2.6 Wherever the work of a Subcontractor is dependent upon the work of other Subcontractors, or the Contractor, the Contractor shall require the Subcontractor to:

5.2.6.1 Coordinate Subcontractor's work with the dependent work;

5.2.6.2 Provide necessary dependent data and requirements;

- 5.2.6.3** Supply and/or install items to be built into dependent work of others;
- 5.2.6.4** Make provisions for dependent work of others;
- 5.2.6.5** Examine dependent drawings and specifications;
- 5.2.6.6** Examine previously placed dependent work;
- 5.2.6.7** Check and verify dependent dimensions of previously placed work;
- 5.2.6.8** Notify Contractor of previously placed dependent work or dependent dimensions which are unsatisfactory or will prevent asatisfactory installation of Subcontractor's work; and
- 5.2.6.9** Not proceed with work until the unsatisfactory dependent conditions have been corrected.

Installation of Work by a Subcontractor in any given area shall constitute acceptance by the Subcontractor and Contractor of the previously placed dependent work.

5.3 Labor and Materials

5.3.1 Unless otherwise provided in the Contract Documents, the Contractor shall provide and pay for all labor, materials, equipment, tools, construction equipment and machinery, water, heat, utilities, transportation, and other facilities and services necessary for the proper execution and completion of the Work, whether temporary or permanent and whether or not incorporated or to be incorporated in the Work. The word "provide" shall mean furnish and install complete, including connections, unless otherwise specified. All connection charges, assessments or inspection fees which may be imposed by any public agency or utility company are included in the Contract Sum and shall be the Contractor's responsibility.

5.3.2 The Contractor shall at all times enforce strict discipline and good order among Contractor's employees and shall not employ on the Work any unfit person or anyone not skilled in the task assigned to him/her. The Contractor shall be responsible to maintain and observe, and to require the Subcontractors to maintain and observe, sound labor practices, and shall require each Subcontractor to take all steps reasonably necessary to avoid labor disputes or stoppages.

5.3.3 Except in the event of emergency, no substantial field operations shall be performed outside of regular working hours without the prior approval of the Owner. The Contractor will not be entitled to additional compensation for work performed outside of regular working hours except as otherwise expressly agreed in writing by the Owner prior to the performance of such overtime work. Additional compensation for such authorized overtime shall be limited to the direct cost of the premium portion only of such authorized overtime. No additional indirect cost or fee shall be included.

5.3.4 Substitutions

5.3.4.1 The products, materials and equipment of manufacturers referred to in the Specifications and the Drawings are intended to establish the standard of quality and design required by the Owner; however, products, materials and

equipment manufacturers, other than those specified, may be used, if equivalent and approved in writing by the Owner.

5.3.4.2 It is deemed that the term 'or approved equal' is included after all products, materials and equipment referred to in the Specifications or the Drawings.

5.3.4.3 The Owner will be the sole judge of equivalency of proposed substitute products, materials, and equipment.

5.3.4.4 If the Contractor desires to use a substitute item, Contractor shall make application to the Owner in writing in sufficient time (having regard to the progress of the Work, the period of delivery of the goods concerned, and adequate time for the Owner's review) stating and fully identifying the proposed substitute, cost changes (if any), and submitting substantiating data, samples, brochures, etc. of item proposed. It is the Contractor's responsibility to provide sufficient evidence by tests or other means to support any request for approval of substitution.

5.3.4.5 Prior to proposing any substitute item, the Contractor shall satisfy itself that the item Contractor proposes is, in fact, equal to that specified, that it will fit into the space allocated, that it affords comparable ease of operation, maintenance and service, that its appearance, longevity and suitability for the climate and use are comparable to that specified, and that the substitution is in the Owner's best interest.

5.3.4.6 The burden of proof that a proposed substitution is equal to a specified item shall be upon the Contractor, who shall support the request with sufficient test data and other means to permit the Owner to make a fair and equitable decision on the merits of the proposal. Any item by a manufacturer other than those cited in the Contract Documents, or of brand name or model number or of generic species other than those cited in the Contract Documents, will be considered a substitution.

5.3.4.7 Materials and methods proposed as substitutions for specified items shall be supported by certification of their acceptance for use by an authority, person or persons having jurisdiction over the use of the specified material or method.

5.3.4.8 Acceptance of substitutions shall not relieve the Contractor from responsibility for compliance with all the requirements of the Contract Documents. The Contractor shall be responsible at its own expense for any changes in other parts of the Work of this Contract or the work of other contractors caused by its substitutions, including cost of all design and redesign services related thereto.

5.3.4.9 The Contract Term shall not be extended by any circumstances resulting from a proposed substitution, nor shall the Contractor be entitled to any compensation for any delay caused thereby or related thereto.

5.3.4.10 All costs for the evaluation of proposed substitutions, whether approved or not, shall be borne by the Contractor.

5.3.5 All materials and equipment shall be delivered, handled, stored, installed and protected to prevent damage in accordance with best current practice in the industry, in accordance with manufacturers' specifications and recommendations, and in accordance with Contract Document requirements. The Contractor will store packaged materials and equipment in their original and sealed containers, marked with the brand and manufacturer's name, until ready for use, and deliver materials and equipment in ample time to facilitate inspections and tests prior to installation. The term 'delivery' in reference to any item specified or indicated, means the unloading and storing with proper protection at the project site. Damaged materials or equipment will be rejected and removed from the site by the Contractor.

5.3.6 Before ordering materials, equipment, or performing Work, the Contractor shall verify indicated dimensions. If a discrepancy exists, the Contractor shall notify the Owner of same immediately. The Owner will then clarify the intended design. The Contractor shall take field measurements required for the proper fabrication and installation of the Work. Upon commencement of any item of Work, the Contractor shall be responsible for dimensions related to such item of Work.

5.4 Guarantees/Warranty

5.4.1 The Contractor guarantees and warrants to the Owner that all materials and equipment furnished under this Contract will be new unless otherwise specified, and that all Work will be of good quality, free of any defect in equipment, material, or workmanship performed by the Contractor or any Subcontractor or supplier at any tier and in conformance with the Contract Documents. All Work not conforming to these requirements, including substitutions not properly approved and authorized, may be considered defective. If required by the Owner, the Contractor shall furnish satisfactory evidence as to the kind and quality of materials and equipment.

5.4.2 This warranty shall continue for a period of 1 year from the date of final acceptance of the Work. If Owner takes possession of any part of the Work before final acceptance, this warranty shall continue for a period of 1 year from the date Owner takes possession.

5.4.3 The Contractor shall remedy at the Contractor's expense any failure to conform, or any defect. In addition, the Contractor shall remedy at the Contractor's expense any damage to Owner-owned or controlled real or personal property, when that damage is the result of:

5.4.3.1 The Contractor's failure to conform to contract requirements; or

5.4.3.2 Any defect of equipment, material, workmanship, or design furnished by the Contractor.

5.4.4 The Contractor shall restore any Work damaged in fulfilling the terms and conditions of Warranty. In the event of repairs or replacement under the terms of this Warranty, the Contractor's warranty with respect to Work repaired or replaced will be extended and will continue for 1 year from the date of repair or replacement.

5.4.5 Owner shall notify the Contractor, in writing, within a reasonable time after the discovery of any failure, defect, or damage.

5.4.6 If the Contractor fails to remedy any failure, defect, or damage within a reasonable time after receipt of notice, Owner shall have the right to replace, repair, or otherwise remedy the failure, defect, or damage at the Contractor's expense.

5.4.7 With respect to all warranties, express or implied, from Subcontractors, manufacturers, or suppliers for work performed and materials furnished under the Agreement for Construction, the Contractor shall:

5.4.7.1 Obtain all warranties that would be given in normal commercial practice;

5.4.7.2 Require all warranties to be executed, in writing, for the benefit of Owner; and

5.4.7.3 Enforce all warranties for the benefit of Owner. In the event the Contractor's warranty under subsection 5.4.2 has expired, Owner may bring suit at its expense to enforce a Subcontractor's, manufacturer's, or supplier's warranty.

5.4.8 Unless a defect is caused by the intentional act or omission or negligence of the Contractor or Subcontractor or supplier at any tier, the Contractor shall not be liable for the repair of any defects of material or design furnished by Owner nor for the repair of any damage that results from any defect in Owner-furnished material or design.

5.4.9 The Contractor will indemnify the Owner against loss, including loss of use and from a breach of the Contractor's guaranty and warranty under this Article 5.4, whether the loss arises before or after the Owner's acceptance of the Work.

5.4.10 Where the Contract Documents provide for equipment and material warranties in addition to the Contractor's guarantees and warranty contained in Article 5.4.1, such warranties shall at a minimum:

5.4.10.1 Provide that the term of the warranty shall start on the date of Final Acceptance of the project or the date the Owner takes beneficial occupancy of any portion of the project that requires the use or start-up of the warranted equipment or material, whichever date occurs first.

5.4.10.2 Provide for complete repair or replacement of defective equipment or material.

5.4.10.3 Provide all materials, shipping, and labor necessary to repair or replace defective equipment or material at no expense to the Owner.

5.4.10.4 Provide that any replacement parts used in repairing or replacing defective equipment or material shall be new or in a like-new condition.

5.4.10.5 Provide for the complete repair or replacement of defective equipment or material within two weeks after receiving written notice of the defect; provided however, that the Owner may, at its sole discretion, grant an extension of time for good cause shown.

5.4.10.6 Provide for no limitation of liability should the Contractor and/or manufacturer fail to repair or replace defective equipment or material within the

time specified in Article 5.4.10.5 or should the remedy of repair or replacement otherwise fail.

5.4.10.7 Be construed under South Dakota law.

5.4.10.8 Provide that any legal action brought on the warranty shall be brought only in a South Dakota state court.

5.4.10.9 Nothing in this Article 5.4 or elsewhere in the Contract Documents shall relieve the Contractor or any Subcontractor of liability for any defect resulting from the failure of that Contractor or Subcontractor to perform the Work in a workmanlike manner which manifests itself or is otherwise discovered after the warranty and guarantee period provided for herein.

5.5 Taxes: The Contractor shall pay all sales, consumer, use, excise, and other similar taxes for the Work or portions thereof which are to be provided by the Contractor which are legally enacted at the time bids are received, whether or not yet effective. The determination of the applicability of any particular tax and the amounts due is the responsibility of the Contractor. The Contractor is directed to the South Dakota Department of Revenue for inquiries concerning taxes which may be due at: <https://dor.sd.gov/businesses/taxes/>.

5.6 Permits, Fees and Notices

5.6.1 The Contractor shall secure and pay for all permits and governmental fees, licenses and inspections necessary for the proper execution and completion of the Work which are customarily secured after execution of the Contract and which are legally required at the time the bids are received.

5.6.2 The Contractor shall give all notices and comply with all laws, ordinances, rules, regulations and lawful orders of any public authority bearing on the performance of the Work and shall indemnify the Owner against all costs, fines and damages, and all actions, claims and proceedings, due to its failure to do so.

5.6.3 The Contractor and its Subcontractors shall acquaint themselves with all codes governing their work and shall complete the Work in conformance with all codes governing their work.

5.6.4 It is not the responsibility of the Contractor to make certain that the Contract Documents are in accordance with applicable laws, statutes, building codes and regulations. If the Contractor observes that any of the Contract Documents are at variance therewith in any respect, Contractor shall promptly notify the Owner in writing, and any necessary changes shall be accomplished by appropriate modification.

5.6.5 If the Contractor performs any Work knowing it to be contrary to such laws, ordinances, rules and regulations, and without such notice to the Owner, Contractor shall assume full responsibility therefor and shall bear all costs attributable thereto.

5.7 Contractor's Representative: The Contractor shall employ a competent Representative and necessary assistants all of whom are acceptable to the Owner and who shall be in attendance at the Project site during the progress of the Work. The Contractor's Representative shall represent the Contractor and all communications given to the Contractor's Representative shall be as binding as if given to the Contractor. Important communications shall be confirmed in writing. Other communications shall be so confirmed on written request in each

case. The Contractor's Representative shall not be changed without the Owner's consent. The Contractor's Representative on this Project is **Name (email)**.

5.8 Shop Drawings, Product Data, and Samples

5.8.1 Shop Drawings are drawings, diagrams, schedules or other data specially prepared for the Work by the Contractor or any Subcontractor, manufacturer, supplier, or distributor to illustrate some portion of the Work.

5.8.2 Product Data are illustrations, standard schedules, performance charts, instructions brochures, diagrams and other information furnished by the Contractor to illustrate a material, product or system for some portion of the Work.

5.8.3 Samples are physical examples which illustrate materials, equipment or workmanship and establish standards by which the Work will be judged.

5.8.4 The Contractor shall submit a schedule for submittal of Shop Drawings, Product Data and Samples to the Owner for review. The Contractor shall review, approve and submit to the Owner, with reasonable promptness and in such sequence as to cause no delay in the Work or in the work of any separate contractor, all Shop Drawings, Product Data and Samples required by the Contract Documents.

5.8.4.1 The Owner reserves the right to review Shop Drawings, Product Data, Samples and submittals in a sequence consistent with the sequence of erection, installation and assembly of the various elements of the Work.

5.8.4.2 No extension of time will be granted, nor will any consideration be given to claims arising out of the Contractor's failure to submit any Shop Drawing, Product Data, Samples or related submittals according to the schedule or otherwise in a manner which does not allow adequate lead time for Owner's review, or does not allow ample time for revision, resubmission and subsequent review by the Owner as required.

5.8.4.3 Composite Drawing: In the interest of coordinating and expediting the work in critical areas, i.e. exterior wall components, mechanical/electrical systems, and other areas so requested by the Owner, the Contractor shall prepare and submit, to the Owner for review, Composite Drawings embodying the Work of the various trades and/or Subcontractors involved. After review, the Contractor shall distribute prints or reviewed Composite Drawings to affected trades and/or Subcontractors. The Contractor shall require that the involved trades and/or Subcontractors cooperate in preparation of the Composite Drawings to assure proper coordination between trades and/or Subcontractors. The participating trades and/or Subcontractors shall indicate their approval on these drawings.

5.8.5 By approving and submitting Shop Drawings, Product Data and Samples, the Contractor represents that Contractor has determined and verified all materials, field measurement, and field construction criteria related thereto, checked the Shop Drawings, Product Data, and Samples for complete dimensional accuracy; that Contractor has checked to insure that work contiguous with and having bearing on the Work shown on the Shop Drawings is accurately and clearly shown, that Contractor has checked the Shop Drawings against the Composite Drawings prepared by the Contractor, that the Work has been coordinated and that the equipment will fit into the

assigned spaces, and that Contractor has checked and coordinated the information contained within such submittals with the requirements of the Work and of the Contract Documents.

5.8.5.1 Any Shop Drawing, Product Data or Sample submitted without Contractor's approval will not be processed for review by the Owner, but will be returned to the Contractor for compliance with the above procedures, in which event it will be deemed that the Contractor has not complied with the provisions herein specified and the Contractor shall bear the risk of all delays as if no Shop Drawing, Product Data and Sample had been submitted.

5.8.5.2 Shop Drawings shall bear a coordination and approval stamp signed by the Contractor and each contiguous Subcontractor, which shall confirm the representations set forth in Article 5.8.5. Shop Drawings shall bear the seal of a registered professional engineer when required by the Specifications or state law.

5.8.6 The Contractor shall direct specific attention, in writing or on resubmitted Shop Drawings, Product Data or Samples, to revisions other than those requested by the Owner on previous submittals. Unless such written notice has been given, the Owner's action on a resubmitted Shop Drawing, Product Data, or Sample shall not constitute review and action of any changes not requested on the prior submittal.

5.8.7 No portion of the Work requiring submission of a Shop Drawing, Product Data or Sample shall be commenced until the submittal has been approved by the Owner. All such portions of the Work shall be in accordance with approved submittals.

5.9 Use of Site

5.9.1 The Contractor shall confine operations at the Site to areas permitted by law, ordinances, permits and the Contract Documents, and shall not unreasonably encumber the Site with any unnecessary or surplus materials or equipment or debris.

5.9.2 Notwithstanding the designation of construction limits or the indication of temporary fences or barricades, the provisions of the Contract Documents governing certain portions or phases of the Work may require that certain operations be carried out beyond such designated limits. Trenching, utility work, site development, landscaping and all other Work, if required beyond such designated limits, shall be scheduled in such a manner as to cause or occasion a minimum of inconvenience or disturbance or interference with the normal operation of the Owner, abutters, and the public. The Contractor shall obtain the Owner's prior approval for such operations, prosecute such operations expeditiously, and restore the affected area and other areas needed for access to their original condition immediately upon completion of such operations, unless otherwise specified herein.

5.9.3 All operations shall be carried out so as to avoid endangering any adjacent facility or property, or interrupting, restricting or otherwise infringing or interfering with the use thereof.

5.9.4 The Contractor shall confine operations at the site to work related activities.

5.10 Cutting and Patching of Work

5.10.1 The Contractor shall be responsible for all cutting, fitting or patching that may be required to complete the Work or to make its several parts fit together properly.

5.10.2 The Contractor shall not damage or endanger any portion of the Work or the work of the Owner or any separate contractors or adjacent facilities by cutting, patching or otherwise altering any work, or by excavation. The Contractor shall not cut or otherwise alter the work of the Owner or any separate contractor except with the written consent of the Owner and of such separate contractor. The Contractor shall not unreasonably withhold from the Owner or any separate contractor its consent to cutting or otherwise altering the Work.

5.10.3 Structural elements of the Work shall not be cut, patched or otherwise altered or repaired without prior written authorization by the Owner.

5.10.4 Authorization to proceed with remedial operations for any damaged or defective element or portion of the Work shall not constitute a limitation or a waiver of the Contractor's right to require the removal and replacement of any Work which fails to fulfill the requirements of the Contract Documents.

5.11 Cleaning Up

5.11.1 The Contractor at all times shall keep the Site and related area free from accumulation of waste materials or rubbish caused by Contractor's operations. At the completion of the Work, Contractor shall remove all waste materials and rubbish from and about the Project site as well as tools, construction equipment, machinery and surplus materials. All waste and rubbish shall be removed from the Site at least weekly and more often if necessary.

5.11.2 If the Contractor fails to maintain a clean and safe Project and/or fails to clean up at the completion of the Work, the Owner may do as provided in Article 4.3 and the cost thereof shall be charged to the Contractor.

5.12 Communications: The Contractor shall forward all communications to the Owner through Owner's Representatives set forth in Article 4.5.

5.13 Royalties and Patents: The Contractor shall pay all royalties and license fees, and shall defend all suits or claims for infringement of any patent rights and shall save the Owner harmless from loss on account thereof, except that the Owner shall be responsible for all such loss when a design, process or product of a particular manufacturer or manufacturers are specified or where the copyright violations are contained in Drawings, Specifications, or other documents prepared by the Owner or designer, but if the Contractor has reason to believe that the design, process or product specified is an infringement of a patent, Contractor shall be responsible for such loss unless he promptly gives such information to the Owner in writing.

5.14 Indemnification

5.14.1 To the fullest extent permitted by law, the Contractor shall indemnify, defend and hold harmless the Owner, and its respective successors, agents and employees from and against all claims, damages, liabilities, losses and expenses, including but not limited to attorneys' fees, brought by third parties arising out of or resulting from the performance of the Work, provided that any such claim, damage, loss or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of

tangible property (other than the Work itself) but only to the extent caused by the negligent act or omission of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable,. Such obligations shall not be construed to negate, abridge or otherwise reduce any other right or obligation or indemnity which would otherwise exist as to any party or person described in this Article 5.14.

5.14.2 In any and all claims against the Owner, and its respective successors, agents or employees by any employee of the Contractor, any Subcontractor, anyone directly or indirectly employed by any of them or anyone for whose acts any of them may be liable, the indemnification obligation under this Article 5.14 shall not be limited in any way by any limitation on the amount or type of damages, compensations or benefits payable by or for the Contractor or any Subcontractor under workers' compensation acts, disability benefit acts, or other employee benefit acts.

5.14.3 The Contractor agrees to defend, indemnify and save the Owner or any of Owner's respective successors, agents or employees harmless from all costs, liabilities, damages or expenses, including reasonable attorneys' fees, incurred by them, by virtue of any claim or claims filed by any Subcontractor, Sub-subcontractor, mechanic, laborer or materialman against the Owner or its respective successors, agents or employees making claims arising from the Work by, through, or under the Contractor. The Contractor also hereby agrees to defend, indemnify and hold harmless, protect, and defend the Owner and its successors, agents or employees from and against any liability, claim, judgment, loss, damage, including but not limited to direct, indirect and incidental and consequential damages, attorneys' fees, court costs and expenses of collection, to the extent of the failure of the Contractor, its Subcontractors, or Sub-subcontractors to comply with any of the terms or provisions of the Contract Documents.

5.14.4 Anything in the foregoing to the contrary notwithstanding, the Contractor's obligation to indemnify as set forth above shall include any claims, damages, liabilities, losses and expenses, including but not limited to attorneys' fees and expert witness fees arising out of related to the use by Contractor of any of Owner's equipment

5.15 Default

5.15.1 The Contractor shall be in default of the Contract if:

5.15.1.1 Contractor refuses or fails to prosecute the Work in accordance with the Contract Documents in any material respect;

5.15.1.2 Contractor fails to make proper payment to Subcontractors for materials or labor (provided Owner shall have paid to Contractor any payments due from Owner in connection with such materials or labor);

5.15.1.3 Contractor disregards laws, ordinances, rules, codes and regulations or orders of any public authority having jurisdiction (the "Regulations"); provided, however that Contractor shall not be deemed to be in default if Contractor in good faith relies upon the interpretation of the Regulations expressed or clearly implied in the Drawings, Plans or Specifications; provided further, however, that Contractor remains solely responsible for compliance with the Regulations as they may apply to any design work provided by Contractor; and further provided that Contractor

shall in all circumstances comply with the terms of Exhibit B hereto;

5.15.1.4 Contractor fails to coordinate its work with other contractors and Subcontractors as required under Article 7 of these General Conditions;

5.15.1.5 Contractor fails to comply with the scheduling requirements of the Contract;

5.15.1.6 Contractor fails to promptly replace material or workmanship not in accordance with the Contract Documents; or

5.15.1.7 Contractor fails in any material respect to observe any other terms, provisions, conditions, covenants and agreements in the Contract to be observed and performed on the part of the Contractor.

5.16 Use of Owner's Equipment.

5.16.1 If the Contractor uses Owner's equipment in connection with the Work, Contractor shall be responsible to use the equipment in a good and businesslike manner and consistent with the Owner's environmental, health and safety requirements and applicable law. If the equipment is damaged or destroyed while being used by Contractor or while in Contractor's care, custody or control, Contractor shall repair or replace the equipment at Contractor's expense. Nothing in the foregoing shall require the Contractor to be responsible for ordinary wear and tear.

5.16.2 If the Contractor's use or care, custody or control of Owner's equipment results in damage or injury to Owner's property or employees, Contractor shall be liable for any such damage or injury, and Contractor shall promptly repair or replace the equipment so as not to interfere with Owner's operations.

5.16.3 Prior to using or taking custody of any of Owner's equipment, Contractor shall provide proof reasonably acceptable to Owner that the Contractor's liability insurance will afford coverage for any claims arising out of Contractor's use or care, custody or control of Owner's equipment, and that Contractor carries property insurance that will cover Contractor's obligation to repair or replace Owner's equipment as provided herein.

5.16.4 Nothing in this section 5.16 shall be construed to authorize Contractor to use Owner's equipment without Owner's prior written consent and upon such terms and conditions as Owner may require.

ARTICLE 6 SUBCONTRACTORS

6.1 Definitions

6.1.1 A Subcontractor is a person or entity who has a direct contract with the Contractor to perform any of the Work at the site. The term Subcontractor is referred to throughout the Contract Documents and means a Subcontractor or its authorized representative. The term Subcontractor does not include any separate contractor or its subcontractors.

6.1.2 A Sub-subcontractor is a person or entity who has a direct or indirect contract

with a Subcontractor to perform any of the Work at the site. The term Sub-subcontractor is referred to throughout the Contract Documents and means a Sub-subcontractor or an authorized representative thereof.

6.2 Award of Subcontracts and Other Contracts for Portions of the Work. The Contractor shall conduct an investigation of each of its proposed Subcontractor's capabilities to assure each is responsible and has the requisite experience, skill, physical plant, and financial strength necessary to perform each Subcontractor's respective Work. The Contractor shall not contract with any Subcontractor that is not responsible or does not have the requisite experience, skill, physical plant, and financial strength necessary to perform its part of the Work.

6.3 Subcontractual Relations

6.3.1 The Contractor shall not include any provisions in its contracts with its Subcontractors which will in any way prejudice the rights of the Owner under the Contract between the Owner and the Contractor.

6.3.2 The Subcontract agreement shall require the Subcontractor to consent to any assignment of the Subcontract to the Owner in the event of a default by the Contractor hereunder.

6.3.3 Nothing in Article 6 shall be construed to create a privity of contract between the Owner and any Subcontractor.

6.4 Notification of Subcontractors to Owner. Contractor shall provide to Owner a listing of every Subcontractor that Contractor intends to employ on the Project and include: Company name, representative name, phone number, and email address.

ARTICLE 7 WORK BY OWNER OR BY SEPARATE CONTRACTORS

7.1 Owner's Right to Perform Work and to Award Separate Contracts

7.1.1 The Owner reserves the right to perform work related to the Project with its own forces, and to award separate contracts in connection with such work. Such work may include Work assigned to the Contractor under the Contract Documents, which Work is not being performed properly or in accordance with the scheduling provisions of the Contract Documents, whether or not the Contractor is in default under Article 5.15.1 and whether or not the Owner has terminated the Contract under Article 15.2. If the Owner elects to exercise this right it will do so upon reasonable notice to the Contractor. There shall be an appropriate adjustment in amounts payable to the Contractor to reflect the Work undertaken by the Owner, which the parties shall confirm by Change Order in accordance with Article 13. If the Contractor claims that the delay involved is because of action or inaction by the Owner, Contractor shall make such claim as provided elsewhere in the Contract Documents.

7.1.2 The Owner will provide for the coordination of the work of its own forces and of each separate contractor with the Work of the Contractor, who shall cooperate therewith as provided in Article 7.2.

7.2 Mutual Responsibility

7.2.1 The Contractor shall afford the Owner and separate contractors' reasonable opportunity and all required facilities for the introduction and storage of their materials and equipment and the execution of their work and shall connect and coordinate its Work with theirs as required by the Contract Documents.

7.2.2 If any part of the Contractor's Work depends for proper execution or results upon the work of the Owner or any separate contractor, the Contractor shall, prior to proceeding with the Work, promptly report to the Contractor any apparent discrepancies or defects in such other work that render it unsuitable for such proper execution and results. Failure of the Contractor to report shall constitute an acceptance of the Owner's or separate contractor's work as fit and proper to receive the Work, except as to defects which may subsequently become apparent in such work by others.

7.2.3 Any costs caused by defective or ill-timed work shall be borne by the party responsible therefor.

7.2.4 Should the Contractor wrongfully cause damage to the work or property of the Owner or of a separate contractor, or to other work on the site, the Contractor shall promptly remedy such damage.

7.2.5 Should the Contractor wrongfully cause damage to the work or property of any separate contractor, the Contractor shall upon due notice promptly attempt to settle with such other contractor by agreement, or otherwise to resolve the dispute. If such separate contractor sues or initiates an arbitration proceeding against the Owner on account of any damage alleged to have been caused by the Contractor, the Owner shall notify the Contractor who shall participate in the defense of such proceedings at the Contractor's expense, and if any judgment or award against the Owner arises therefrom, the Contractor shall pay or satisfy it and shall reimburse the Owner for all attorneys' fees and court or arbitration costs which the Owner has incurred.

7.3 Owner's Right to Clean Up: If a dispute arises between the Contractor and separate contractors as to their responsibility for cleaning up the Project Site and related areas on a routine basis as required by Article 5.11, the Owner may, after first giving Contractor written notice and one working day to comply, clean up and charge the cost thereof to the contractor responsible therefor as the Owner shall determine to be just.

ARTICLE 8 MISCELLANEOUS PROVISIONS

8.1 Governing Law: The Contract shall be governed by South Dakota law, without respect to the conflict of laws provisions thereof.

8.2 Successors and Assigns: The Owner and the Contractor each binds itself, its successors, assigns and legal representatives to the other party hereto and to the successors, assigns and legal representatives of such other party in respect to all covenants, agreements and obligations contained in the Contract Documents. The Contractor shall not assign the Contract or sublet it as a whole without the written consent of the Owner, nor shall the Contractor assign any money due or to become due to it hereunder, without the previous written consent of the Owner.

8.3 Written Notice: All notices, demands and other communications hereunder shall be in writing and shall be deemed to have been given if sent pursuant to Article VII of the Agreement for Construction.

8.4 Claims for Damages: Should either party to the Contract suffer injury or damage because of any act or omission of the other party or of any of its employees, agents or others for whose acts it is legally liable, notice of such injury or damage shall be made in writing to such other party within 30 days after the first discovery of such injury or damage.

8.5 Payment and Performance Bond: Before commencing the Work, the Contractor shall provide Payment and Performance Bond in the forms attached hereto as Exhibit J.

8.6 Rights and Remedies

8.6.1 The duties and obligations imposed by the Contract Documents and the rights and remedies available thereunder shall be in addition to and not a limitation of any duties, obligations, rights and remedies otherwise imposed or available by law. This provision relates particularly to the Contractor's obligations under Article 14.2.2.

8.6.2 No action or failure to act by the Owner or Contractor shall constitute a waiver of any right or duty afforded either of them under the Contract, nor shall any such action or failure to act constitute an approval of or acquiescence in any breach thereunder, except as may be specifically agreed in writing.

8.7 Tests

8.7.1 If the Contract Documents, laws, ordinances, rules, regulations or orders of any public authority having jurisdiction require any portion of the Work to be inspected, tested or approved, the Contractor shall give the Owner timely notice of its readiness so the Owner may observe such inspection, testing or approval. The Contractor shall perform and bear all costs of such inspections, tests and approvals, unless otherwise provided.

8.7.1.1 Where certain testing and inspection requirements are set forth in the various sections of the Contract Documents to be performed at the expense of the Owner, the Owner will retain the services of testing laboratories, agencies, or consultants, to perform such tests or inspections and render such services as may be required to verify that the work fulfills the requirements and intent of the Contract Documents. Such services will be performed in a manner consistent with the requirements of the Owner and the various agencies having jurisdiction over the Work and in accordance with reasonable standards of architectural and engineering practice.

8.7.1.2 The Owner reserves the right to modify the scope of or to re-allocate any of the testing and inspection services specified in the various sections of the Contract Documents to be performed by a testing laboratory, agency or consultant retained by the Owner in connection with the Work when it can be satisfactorily established that such adjustment in scope is consistent with the intent of the Contract Documents. In the event that the Contractor shall not concur with such modification of scope or re-allocation of such services, Contractor shall immediately notify the Owner in writing.

8.7.2 If the Owner determines that any Work requires special inspection, testing, or approval which Article 8.7.1 does not include, Owner will, by written authorization, order the performance of such services by qualified independent testing laboratories,

agencies or consultants as may reasonably be required or instruct the Contractor to order such special inspection, testing or approval, and the Contractor shall give notice as provided in Article 8.7.1. If such special inspection or testing reveals a failure of the Work to comply with the requirements of the Contract Documents, the Contractor shall bear all costs thereof, including the cost of the tests, correction of the Work, and the cost of retesting; otherwise the Owner shall bear such costs, and an appropriate Change Order shall be issued.

8.7.2.1 If Owner's observation or any inspection or testing undertaken pursuant to Article 8.7 reveals a failure in any one of a number of identical or similar items or elements incorporated in the Work to comply with (1) the requirements of the Contract Documents or, (2) with respect to the performance of the Work, with laws, ordinances, rules, regulations, building codes or orders of any public authority having jurisdiction, the Owner will have the authority to order inspection and/or testing of all such items or elements of the Work, or of a representative number of such items or elements of the Work, as Owner may in its reasonable opinion consider necessary or advisable, and the Contractor shall bear all costs thereof, including the cost of the tests, correction of the Work, and the cost of retesting made necessary thereby; provided, however that the Contractor shall not bear the costs of tests, correction of the Work, the costs of retesting, or other, similar costs if Contractor in good faith relies upon the interpretation of the Regulations expressed or clearly implied in the Drawings, Plans or Specifications; and provided further, however, that Contractor shall be responsible for such costs if the failure is the result of Contractor's failure to comply with the Regulations as they may apply to any design work provided by Contractor.

8.7.3 Required certificates of inspection, testing or approval shall be secured by the Contractor and promptly delivered to the Owner.

8.7.3.1 The Contractor shall obtain and deliver promptly to the Owner any certificates of final inspection of any part of the Work or operating permits for any mechanical or electrical apparatus, such as elevators, escalators, boilers, air compressors, fire alarms, etc., which may be required by law to permit full use and occupancy of the premises by the Owner. Except as is otherwise provided in Article 9.1.3, receipt of such permits or certificates by the Owner shall be a condition precedent to Completion of the Work.

8.7.3.2 Copies of reports issued as a result of services performed at the expense of the Owner pursuant to the provisions of this Article will be distributed to all parties to the Contract.

8.7.4 If the Owner is to observe the inspections, tests or approvals required by the Contract Documents, Owner will do so promptly and, where practicable, at the source of supply.

8.7.5 In connection with testing and inspection services performed at the expense of the Owner, the Contractor shall provide samples of materials and/or elements of the Work required as test specimens and shall provide incidental labor and facilities at the site reasonably required in support of such services.

8.7.6 The cost of testing services required solely for the convenience of the Contractor in its scheduling and performance of the Work shall be borne by the Contractor.

8.7.7 The cost of testing services related to remedial operations performed to correct deficiencies in the Work shall be borne by the Contractor.

8.7.8 If, during the course of the performance of any testing, inspection, control, balancing, adjusting, or similar work by the Contractor or an agent of the Contractor, it is the opinion of the Owner that the Contractor or said agent has failed to perform such work in accordance with the Contract Documents, the Contractor shall, at its own expense, retain the services of a service organization which is satisfactory to the Owner for the performance of such work.

8.7.9 Contractor agrees to use the E-Verify System (www.uscis.gov) to verify the employment eligibility of all employees assigned to this Contract and all new hires working in the United States, and to provide E-Verify documentation to the SDSTA within ten (10) days of execution of this Contract. If Contractor is a sole proprietorship with no employees, E-Verify is not required. Contractor further agrees to maintain an active registration, during the term of the Contract, with the System for Award Management (www.sam.gov).

8.7.10 SDSTA is required by a Cooperative Agreement (CA) with the U.S. Department of Energy's Office of Science to control access to the facility by foreign nationals and to provide protection against any potential compromise of information, equipment or technology. In order to comply with these requirements, SDSTA has adopted a Foreign Access Policy and Foreign Access Procedure. The Contractor is responsible to ensure compliance with the Foreign Access Policy and Foreign Access Procedure. Without limiting the generality of the foregoing, before a SURF visit or assignment can occur, proof of identity and citizenship are required for all foreign national visitors to verify the foreign national's identity and authority to work (when applicable for the activities involved) in the United States. If foreign nationals will be visiting SURF in association with this contract, the Contractor must notify the SDSTA Representative in advance to ensure compliance with SDSTA's Foreign Access Policy and Foreign Access procedure, and to with any other applicable DOE and SDSTA requirements. Failure to provide appropriate documentation when required, or providing fraudulent documentation, will result in suspension of access approval, removal from SURF, possible cancellation of future access, and possible termination of this Contract for cause. Any changes to the Foreign Access Policy, Foreign Access Procedure, or other DOE or SDSTA requirements implemented after the effective date of this Contract are hereby deemed incorporated into this Contract by reference without the need for a further writing.

8.8 Litigation/Arbitration

8.8.1 Unless otherwise specifically provided in this Agreement, all claims, counter-claims, disputes or other matters in question between the Owner and the Contractor arising out of, or relating to this Agreement, or the breach thereof, will be decided by arbitration if the parties mutually agree, or in a state court of competent jurisdiction within the State of South Dakota. Notice of a request for arbitration shall be sent in writing to the other party to this Agreement within a reasonable time after the claim, dispute or other matter in question has arisen. In no event shall a request for arbitration be made after the applicable statute of limitations for such claim under South Dakota law has run. If the party receiving the notice of request does not agree to arbitration in writing within 10 calendar days, it will be deemed that the parties do not mutually agree to arbitrate the matter. A request to arbitrate shall not be deemed a condition precedent to the institution of legal proceedings. If the parties agree to arbitrate, the provisions of

SDCL Chapter 21-25A shall apply.

8.8.2 Claims, disputes, or other matters in controversy arising out of or related to the Contract shall be subject to mediation as a condition precedent to binding dispute resolution. . A request for mediation shall be made in writing, and delivered to the other party to the Contract, after which the parties shall reasonably cooperate with respect to the selection of a mediator. and filed with the person or entity administering the mediation. The request may be made concurrently with the filing of binding dispute resolution proceedings but, in such event, mediation shall proceed in advance of binding dispute resolution proceedings, which shall be stayed pending mediation for a period of 60 days from the date of filing, unless stayed for a longer period by agreement of the parties or court order. If an arbitration is stayed pursuant to this Section, the parties may nonetheless proceed to the selection of the arbitrator(s) and agree upon a schedule for later proceedings. The parties shall share the mediator's fee and any filing fees equally. The mediation shall be held in the place where the Project is located, unless another location is mutually agreed upon. Agreements reached in mediation shall be enforceable as settlement agreements in any court having jurisdiction thereof.

8.8.3 The Contractor shall carry on the Work and maintain its progress during any dispute or arbitration or litigation proceedings, and the Owner shall continue to make payments to the Contractor to the extent required by the Contract Documents and South Dakota Law.

8.8.4 To the fullest extent permitted by law, the Contractor shall indemnify and hold harmless the Owner and its employees from and against claims, damages, losses, and expenses, including but not limited to attorneys' fees, arising out of or resulting from performance of the Work, provided that such claim, damage, loss, or expense is attributable to bodily injury, sickness, disease or death, or to injury to or destruction of tangible property (other than the Work itself), but only to the extent caused by the negligent acts or omissions of the Contractor, a Subcontractor, anyone directly or indirectly employed by them, or anyone for whose acts they may be liable, regardless of whether or not such claim, damage, loss, or expense is caused in part by a party indemnified hereunder. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity that would otherwise exist as to a party or person described in this Section.

ARTICLE 9

TIME

9.1 Definitions

9.1.1 The Contract Time is the period of time allotted in the Contract Documents for Substantial Completion of the Work as defined in Article 9.1.3, including authorized adjustments thereto.

9.1.2 The date of commencement of the Work is the date established in the Notice to Proceed.

9.1.3 The date of Substantial Completion of the Work is the date certified by the Owner when construction is sufficiently completed in accordance with the Contract Documents so that the Owner can occupy and utilize the Project for the use for which it is intended, and such Work is fully completed in accordance with the Contract Documents except for minor items, adjustments or corrections which have no material

effect upon the utilization, function or intrinsic values of the entire Project, including all of its mechanical, electrical and other systems and facilities.

9.1.4 The term “day” as used in the Contract Documents shall mean calendar day unless otherwise specifically designated.

9.2 Progress and Completion

9.2.1 All time limits stated in the Contract Documents, including the Construction Completion Schedule, if applicable, are of the essence of the Contract.

9.2.2 The Contractor shall begin the Work on the date of commencement as defined in Article 9.1.2. Contractor shall carry the Work forward expeditiously with adequate forces and shall achieve Substantial Completion within the Contract Time.

9.3 Delays and Extensions of Time

9.3.1 If the Contractor is delayed at any time in the progress of the Work by any act or neglect of the Owner, or by any employee of the Owner, or by changes in the Construction Completion Schedule required by the Owner, or by any separate contractor employed by the Owner, or by changes ordered in the Work, or by labor disputes not caused by the labor practices of the Contractor or any Subcontractor in contravention of applicable labor practices, fire, unusual delay in transportation, severe and unusual weather conditions not reasonably anticipatable, unavoidable casualties, or any other causes beyond the Contractor's control and not occurring due to the fault or neglect of the Contractor, any Subcontractor or any other person for whose acts the Contractor is responsible, then the Contract Time shall be extended by Change Order for such reasonable time as the Owner shall determine and the Contract Sum shall be increased in an amount as determined by under the Contract Documents. The Owner may elect to require the Contractor to accelerate the Work, in which case the Contract Sum shall be increased by a Change Order in the amount of the direct cost to the Contractor (exclusive of overhead and profit of necessary overtime labor).

9.3.2 Any claim for extension of time shall be made in writing to the Owner not more than 10 days after the commencement of the delay; or within 10 days after the claimant first recognizes the condition giving rise to the Claim, whichever is later, otherwise it shall be waived. In the case of continuing delay only one claim is necessary. The Contractor shall provide an estimate of the probable effect on such delay on the progress of the Work.

9.3.2.1 Such claims shall set forth in detail the nature of the circumstances which form the basis for each such claim, the date upon which each such alleged cause of delay began, or began to affect the timely prosecution of the Work, and ended, or ceased to have an adverse effect upon the timely prosecution of the Work, and the number of days extension of time requested as a consequence of each such alleged cause of delay. The Contractor shall provide such supporting documentation as the Owner may require, including, where appropriate, a revised Construction Completion Schedule indicating all of the activities affected by the circumstances which form the basis for the claim.

9.3.2.2 The Contractor shall not be entitled to a separate extension of time as a consequence of each one of a number of causes of delay which may have a concurrent or interrelated effect on the progress of the Work.

9.3.2.3 The Owner shall have the right to defer its decision or decisions with reference to any claim or claims for an extension of time made pursuant to the provisions of this Article until the facts or circumstances which form the basis for such claim or claims may be fully assessed to the Owner's reasonable satisfaction.

9.3.2.4 Notwithstanding the provisions of Article 9.3.2, claims for an extension of time arising out of authorized changes in the Work shall be made in writing prior to or concurrent with the submission of the Contractor's proposal pursuant to such change. No extension of time arising out of changes in the Work will be granted subsequent to the date upon which the Contractor is authorized to proceed with such change or changes in the Work unless specific provisions governing a subsequent determination of an extension of time have been incorporated in such authorization to proceed with such change or changes in the Work. No claim for damages or separate compensation for delay arising from such change in the Work shall be recognized or be deemed valid, it being understood that any additional cost to the Contractor arising from such change shall be included in the amended Contract Sum set forth in such Change Order.

9.3.2.5 Time extensions will not be granted for rain, wind, snow, or other natural phenomena of normal intensity for the locality where work is performed. Determinations of the extent of delay attributable to unusual weather phenomena shall be made by comparing the weather for the contract period involved with the average of the preceding 5 year climactic range during the same period on the calendar. National Oceanic and Atmospheric Administration National Weather Service statistics for the locality or area where the work is performed shall be used to determine the 5 year average weather conditions. Time extensions for weather delays do not entitle the Contractor to "extended overhead" recovery.

9.3.3 Should the Contractor fail to substantially complete the Work within the time agreed upon in the Contract Documents, or within such extra time as may have been allowed by increases in the Contract or by formally approved extensions granted by the Owner, the Contractor and the Contractor's surety shall be liable for and shall pay the Owner the sums stipulated in the Agreement for Construction as liquidated damages for each calendar day of delay until the Work is substantially complete. The parties recognize it would be impracticable or extremely difficult to fix the actual damages resulting from a delay in substantial completion of the Work, and that the amount set out in the Agreement for Construction is fair and reasonable. This sum is not a penalty but is liquidated damages due the Owner from the Contractor by reason of inconvenience to the Owner, added cost of engineering and supervision, and other items which have caused an expenditure of funds resulting from the Contractor's failure to complete the Work within the time specified in the Contract. In addition to liquidated damages, if any delay on the part of the Contractor, any Subcontractor or Sub-subcontractor, anyone directly or indirectly employed by any of them, or anyone for whose acts any of them may be liable results in any claim by third parties against the Owner arising out of such delay, the Contractor shall pay, satisfy, and discharge all losses, damages and expenses arising out of such claims, including attorneys' fees, and shall indemnify and hold harmless the Owner and its agents and employees from and against all costs, fees, losses, damages, and expenses arising out of such claims enforced against the Owner.

9.3.4 No extension of time will be granted to the Contractor for any delay other than those described in Article 9.3.1.

9.3.4.1 Should the Contractor fail, refuse or neglect to supply a sufficiency of workers or to deliver the materials with such promptness as to prevent delay in the progress of the Work, or fail in any material respect diligently to commence and prosecute the Work and to proceed in accordance with the approved construction schedule, or if the different parts thereof are not commenced, prosecuted, finished, delivered or installed in such manner as will insure substantial completion in accordance with the approved Construction Completion Schedule, or if the Contractor shall fail in the performance of any of its obligations under this Contract in any material respect, the Owner shall have the right to direct the Contractor, upon 3 business days-notice at the Contractor's cost and expense, to furnish such additional labor and to expedite deliveries of materials (or the Owner may furnish such labor and expedite such deliveries at the cost of the Contractor), which labor or expediting shall, in the Owner's opinion, be sufficient to speed up and complete the Work in accordance with the Construction Completion Schedule.

9.3.4.2 If such additional labor shall not be available, the Owner shall have the right to direct the Contractor at the latter's own cost and expense, to work overtime to such an extent as will be sufficient, in the Owner's opinion, to speed up and complete the Work as herein provided.

9.3.5 The Contractor's right to make a claim or claims for an extension of time, as provided in Article 9.3.1, shall not preclude the Contractor's right to make a claim for delay damages arising out of the Owner's significant interference, by action or inaction, with the Contractor's Work.

9.3.6 Should the contractor fail to substantially complete the construction project within the scheduled time frame, Contractor shall be liable for liquidated damages in the amount of \$200.00 per day. This sum is not a penalty but is liquidated damages due the Owner from the Contractor by reason of inconvenience to the Owner, added cost of engineering and supervision, and other items which have caused an expenditure of funds resulting from the Contractor's failure to complete Work within the time specified in the Contract.

9.4 Beneficial Occupancy

9.4.1 The Owner shall have the privilege of Beneficial Occupancy and the use and benefit of designated areas, subdivisions or portions of the Project prior to completion and acceptance of the entire Project, provided that such Beneficial Occupancy shall not unduly interfere with the Contractor's operations nor unduly delay Contractor in completing the entire Work. Such occupancy and use shall be further subject to the provisions set forth herein.

9.4.2 In the event that the Owner desires to exercise the privilege of Beneficial Occupancy, Owner shall give reasonable notice to the Contractor. The Contractor shall then cooperate with the Owner in providing services and facilities reasonably required for the health, safety and comfort of the occupants and other parties lawfully present and/or entering or leaving the premises. Mutually acceptable arrangements shall be made between the Owner and the Contractor with regard to procedures, terms and conditions governing the operation and maintenance of such services and facilities as

may be utilized for the benefit of the Owner. The Owner will assume proportionate and reasonable responsibility for protection of the Work, operation of systems, equipment and/or utilities required to provide such services, in part or in total, including proportionate and reasonable expenses of operation incidental thereto. No such Beneficial Occupancy shall accelerate the commencement of any warranty period on any system but only on the particular components being utilized.

9.4.3 The Owner's Beneficial Occupancy or use of such designated areas, subdivisions, or portions of the Work shall not constitute acceptance of systems, materials, or elements of the Work which are not in accordance with the requirements of the Contract Documents; nor relieve the Contractor from its obligations to complete the Work; nor for responsibility for loss or damage due to or arising out of defects in, or malfunctioning of, systems, materials, equipment, or elements of the Work; nor from other unfulfilled obligations or responsibilities of the Contractor under the Contract. If, however, damage results from any act of the Owner or those for whom Owner is responsible, the Owner will assume its proportionate responsibility for such damage.

ARTICLE 10

PAYMENTS AND COMPLETION

10.1 Contract Sum: The Contract Sum is stated in the Agreement for Construction.

10.2 Schedule of Values: Before the first Application for Payment, the Contractor shall submit to the Owner a schedule of values allocated to the various portions of the Work, prepared in such form and supported by such data to substantiate its accuracy as the Owner may require. The format and number of copies of such Applications for Payment shall be as directed by the Owner. This schedule, unless objected to by the Owner, shall be used as a basis for the Contractor's Applications for Payment.

10.3 Monthly Application for Payment

10.3.1 No later than the 3rd day of each month, or the first business day following the 3rd if the third falls on a weekend or is a holiday, the Contractor shall submit to the Owner its monthly itemized Application for Payment. The Contractor shall not submit more than one pay application per month. The monthly Application for Payment shall be on AIA Document G702, or on a form approved by Owner, and supported by such data substantiating the Contractor's right to partial payment as the Owner may require; including but not limited to releases, and waivers of liens in forms acceptable to Owner.

10.3.1.1 In applying for payment, the Contractor shall submit its monthly payment estimate based upon the approved schedule of work for the project, itemized in such form and supported by such evidence as will show Contractor's right to the payment claimed. Claims made on account of materials delivered and suitably stored at the site, but not incorporated in the Work, shall be conditioned upon submission by the Contractor of bills of sale or such other procedure as will establish the Owner's title to such material or otherwise adequately protect the Owner's interest.

10.3.1.2 If the Contractor chooses to apply for payment for materials which cannot be incorporated into the Work, and cannot be stored on the site, Contractor may do so provided the following conditions are met: Unless otherwise agreed to by the Owner, the material shall be stored in a bonded or insured commercial warehouse within a geographic radius of 15 miles of the

construction site, with the Owner being listed on the bond or insurance certificate as the sole beneficiary in the case of loss or damage to the stored materials. The Contractor shall be responsible for all storage, insurance or transportation costs associated with the materials. Conditions of insurance will apply to applicable portions of this Article 10.3.1.2. Contractor shall provide the Owner with bills of sale or such other documents as will establish the ownership of the materials.

10.3.1.3 Reimbursement for pre-approved travel expenses, if any, will not exceed Federal Travel Regulations (FTR) standard rates for the applicable travel location. Lodging expenses will be reimbursed at FTR rates or the actual lodging cost, whichever is less; airfare shall be reimbursed at the actual cost of a coach class ticket. No additional burdens or overheads will be applied to travel expense reimbursements.

10.3.1.4 Applications for payment should be addressed to:

South Dakota Science and Technology Authority
630 East Summit Street
Lead, SD 57754

and submitted to the Owner's Representative. A scanned/emailed Application for Payment is preferred, submitted to AP@Sanfordlab.org. Paper copies of Applications for Payment are not necessary.

10.3.2 The Contractor warrants that title to all Work, materials and equipment covered by an Application for Payment will pass to the Owner either by incorporation in the construction or upon the receipt of payment by the Contractor, whichever occurs first, free and clear of all liens, claims, security interests or encumbrances, hereinafter referred to in this Article as "liens;" and that no Work, materials or equipment covered by an Application for Payment will have been acquired by the Contractor, or by any other person performing Work at the site or furnishing materials and equipment for the Project, subject to an agreement under which an interest therein or an encumbrance thereon is retained by the seller or otherwise imposed by the Contractor or such other person.

10.3.3 Monthly applications received not in accordance with 10.3.1 will be treated as if submitted on the 3rd day of the following month.

10.4 Progress Payments

10.4.1 Based upon the review of the Monthly Application for Payment, the Owner shall make progress payments to the Contractor in such amounts as the Owner reasonably determines are properly due less the aggregate of previous payments in each case. Payment of amounts determined to be due by the Owner under each Monthly Application for Payment shall be due to the Contractor 20 days after the 15th of each month. The Owner shall at all times retain an amount sufficient to complete the Work. Contractor shall submit a lien waiver, in a form prescribed by and in accordance with applicable law, to the Owner following each Progress Payment.

10.4.2 The Contractor shall promptly pay each Subcontractor, upon receipt of payment from the Owner, out of the amount paid to the Contractor on account of such Subcontractor's Work, the amount to which said Subcontractor is entitled reflecting any

amounts actually withheld, if any, from payments to the Contractor on account of such Subcontractor's Work. The Contractor shall not withhold retainage from its Subcontractors unless retainage is withheld from the Contractor by the Owner. The Contractor shall, by an appropriate agreement with each Subcontractor, require each Subcontractor to make payments to his Sub-subcontractors in similar manner. Contractor shall require Subcontractors to submit lien waivers, in a form prescribed by and in accordance with applicable law, to Contractor following each Progress Payment to Contractor, and subsequent payments made to Subcontractors. Subcontractors' lien waivers to Contractor will be submitted to Owner.

10.4.3 The Owner shall, on request, furnish to any Subcontractor, if practicable, information regarding the percentages of completion or the amounts applied for by the Contractor and the action taken thereon by the Owner on account of Work done by such Subcontractor.

10.4.4 The Owner shall have no obligation to pay or to see to the payment of any moneys to any Subcontractor except as may otherwise be required by law.

10.4.5 No Certification for Payment, nor any progress payment, nor any partial or entire use or occupancy of the Project by the Owner, shall constitute acceptance or approval of any Work not in accordance with the Contract Documents.

10.5 Payments Withheld

10.5.1 The Owner may decline to certify the full payment of the amount requested by the Contractor in the monthly application to the extent necessary to reasonably protect the Owner. If the Owner is unable to certify payment in the amount of the Application, Owner will, within 10 days after receipt of the monthly application, notify the Contractor in writing the reasons a certification cannot be made. If the Contractor and the Owner cannot agree on a revised amount within 5 days of Owner sending written notice, the Owner will promptly issue a Certification for Payment for the amount for which certification may be made. The Owner may also decline to certify payment because of subsequently discovered evidence or subsequent observations. Owner may nullify the whole or any part of any Certification for Payment previously issued, and may withhold payment of all or any part of an Application for Payment, to such extent as may be necessary to protect the Owner from loss because of:

10.5.1.1 Defective work not remedied;

10.5.1.2 Third party claims filed or reasonable evidence indicating probable filing of such claims;

10.5.1.3 Failure of the Contractor to make payments properly to Subcontractors or for labor, materials or equipment;

10.5.1.4 Reasonable evidence that the Work cannot be completed for the unpaid balance of the Contract Sum;

10.5.1.5 Damage to the Owner or another contractor;

10.5.1.6 Reasonable evidence that the Work will not be completed within the Contract Time;

10.5.1.7 Failure to carry out the Work in accordance with the Contract Documents;

10.5.1.8 A lien or attachment on the Work the subject of this Agreement is filed and such lien is not discharged within 5 days of demand from the Owner;

10.5.1.9 Failure of the Contractor and/or of the mechanical or electrical Subcontractors to comply with the mandatory requirements for maintaining "up-to-date" Record Drawings;

10.5.1.10 Incomplete or otherwise inadequate Application for Payment; or

10.5.1.11 Reasonable evidence that the Contractor is in material breach of its obligations under the Contract.

10.5.2 When the above grounds in Article 10.5.1 are removed, payment shall be made for amounts withheld because of them.

10.6 Substantial Completion

10.6.1 When the Contractor considers that the Work, or a designated portion thereof which is acceptable to the Owner, is Substantially Complete as defined in Article 9.1.3 the Contractor shall prepare for submission to the Owner a list of items to be completed or corrected. The failure to include any item on such list does not alter the responsibility of the Contractor to complete all Work in accordance with the Contract Documents. When the Owner on the basis of an inspection determines that the Work or designated portion thereof is Substantially Complete, the Owner will then prepare a Certificate of Substantial Completion which shall establish the Date of Substantial Completion, shall state the responsibilities of the Owner and the Contractor for security, maintenance, heat, utilities and damage to the Work, and shall fix the time within which the Contractor shall complete the items listed therein. Warranties and Guarantees required by the Contract Documents shall commence on the Date of Substantial Completion of the Work or designated portion thereof unless otherwise provided in the Certificate of Substantial Completion. The Certificate of Substantial Completion shall be submitted to the Owner and the Contractor for their written acceptance of the responsibilities assigned to them in such Certificate.

10.6.2 Upon Substantial Completion of the Work or designated portion thereof and upon application and certification by the Contractor, the Owner shall make payment, reflecting adjustment for defective or incomplete work, if any, for such Work or portion thereof, as provided in the Contract Documents. Double the amount necessary to complete the Work may be retained by the Owner.

10.7 Final Completion and Final Payment

10.7.1 Upon receipt of written notice that the Work is ready for final inspection and acceptance and upon receipt of a final Application for Payment, the Owner will promptly make such inspection and, if Owner determines that the Work has been completed in accordance with the terms and conditions of the Contract Documents, the entire unpaid balance will be determined to be due and payable to the Contractor.

10.7.2 The final payment shall not become due until the Contractor submits to the Owner (1) An affidavit that payrolls, bills for materials and equipment, and other indebtedness connected with the Work for which the Owner or the Owner's property might be responsible or encumbered have been paid or will be paid with Owner's final payment to Contractor and that there are no claims, obligations or liens outstanding or unsatisfied for labor, services, material, equipment, taxes or other items performed, furnished or incurred for or in connection with the Work which will in any way affect Owner's interests; (2) A general release executed by Contractor waiving, upon receipt of final payment by Contractor, all claims, except those claims previously made in writing to Owner and remaining unsettled at the time of final payment, and an agreement to indemnify, defend and hold Owner harmless from and against any claims made by suppliers, Subcontractors, Sub-Subcontractors or others for work or material provided in connection with the Project or the Work; (3) All as-built documents, operating manuals, warranties and other deliverables required by the Contract Documents. All guarantees and warranties required by the Contract Documents shall include an assignment from the Contractor, Subcontractors, vendors, suppliers and manufacturers to the Owner, as well as a list of the names, addresses and telephone numbers of all subcontractors and any other entities providing these guarantees or warranties.

10.7.3 Owner shall make final payment of all sums due to the Contractor 30 days after the completion and acceptance of the project by the Owner and Contractor's compliance with Article 10.7.2 above.

10.7.4 The acceptance of final payment by the Contractor shall constitute a complete and unconditional waiver and release of any and all claims by the Contractor of whatever nature, and regardless whether they are then known or unknown, and a complete and unconditional release of the Owner and every person for whom the Owner is responsible for any and all matters related to the Contract or otherwise, except those claims which have been made in writing and identified by the Contractor as not having been settled at that time. After final payment, Contractor shall submit to Owner a final lien waiver in a form prescribed by and in accordance with applicable law.

ARTICLE 11 CONTRACTOR'S RESPONSIBILITY FOR PROJECT SAFETY

11.1 Contractor's Responsibility for Project Safety: Contractor's responsibility for project safety is attached hereto as Exhibit B and incorporated herein by reference.

ARTICLE 12 INSURANCE

12.1 During the term of this Contract, Contractor shall maintain in effect at all times, and provide proof of such coverage to the Authority, insurance as described on the attached Exhibit A, which is incorporated herein by this reference.

12.2 Prior to the commencement of work, Contractor shall submit certificates of insurance policies to the Authority for review and approval.

12.3 By executing this Contract, Contractor authorizes the Authority to make direct inquiry of Contractor's insurer or insurance agent concerning the status of the insurance required by this Agreement.

ARTICLE 13

CHANGES IN THE WORK

13.1 Change Orders: This Contract may be modified or amended only in writing in the form of a Change Order signed by both parties, except in the case of Contractor receiving a written order signed by the Owner as per 13.3.12. A Change Order is a written order to the Contractor signed by the Owner, issued after execution of the Contract, authorizing a change in the Work or an adjustment in the Contract Sum or the Contract Time. The Contract Sum and the Contract Time may be changed only by Change Order. A Change Order signed by the Contractor indicates its agreement therewith.

13.2 The Owner, without invalidating the Contract, may order changes in the Work within the general scope of the Contract consisting of additions, deletions, or other revisions, the Contract Sum and the Contract Time being adjusted accordingly. All such changes in the Work shall be authorized by Change Order, and shall be performed under the applicable conditions of the Contract Documents.

13.3 The cost or credit to the Owner resulting from a change in the Work shall be determined in one or more of the following ways:

13.3.1 By mutual acceptance of a lump sum properly itemized and supported by sufficient substantiating data to permit evaluation. Such lump sum proposals shall be supported by a completely detailed analysis of the proposed change subdivided into the Work of the Contractor and/or the Work of each Subcontractor and/or Sub-subcontractors involved in the proposed change, as applicable, with each such subdivision further broken down into the following elements:

13.3.1.1 Number of man-hours of labor to be performed by each trade, craft or classification of employee involved in the proposed change.

13.3.1.2 The hourly rate for each such trade, craft or classification of employee, including the appropriate wage supplement for social security, old age and unemployment contributions, applicable payroll taxes, health insurance, fringe benefits required by agreement or custom, workers' compensation insurance, other employee benefits and such other employee benefits as may be established by statute or by written agreement negotiated by and between organizations representing such crafts or trades and representatives of their employers.

13.3.1.3 The estimated quantity of each item or element of material and/or equipment entering into the proposed change.

13.3.1.4 The unit cost of each such item or element of material and/or equipment.

13.3.1.5 Rental of items or units of construction plant and equipment with a schedule of the period or periods of use of such item or unit in connection with the proposed change.

13.3.1.6 Rental terms and rates for each such item or unit of construction plant and equipment. Rental for equipment shall be based on the invoiced cost for rentals from third party vendors. For Contractor owned equipment, rental rates shall be based on the following:

13.3.1.6.1 Hourly rental rates shall be based on 80% of the applicable

rates for equipment listed in the 'Green Book', latest edition, (published by the Associated Equipment Distributors, 615 West 22nd Street, Oakbrook, Illinois, 60523).

13.3.1.6.2 Hourly rental rates for equipment not listed in the 'Green Book' shall be based on 100% of the applicable rates for equipment listed in the 'Blue Book', latest edition (published by Dataquest, 1290 Ridder Park Drive, San Jose, California, 95131).

13.3.1.6.3 Hourly rental rates determined from the 'Green Book' or 'Blue Book' includes all items of cost and expense to the Contractor, including, but not limited to, gas, oil, maintenance, repairs, insurance, and transportation to and from construction site.

13.3.1.7 Power and/or other utilities entering into the proposed change.

13.3.1.8 Rates and terms applicable to such power and/or other utilities.

13.3.1.9 Additional premiums, if applicable, for the extension of insurance and bond coverages as required herein to the proposed change.

13.3.1.10 Applicable federal, state and local taxes.

13.3.1.11 Indirect Cost and Fee computed as a percentage override applied to net cost in accordance with the provisions of this Article.

13.3.1.12 Costs for any subcontractors anticipated to be utilized in the proposed change.

13.3.2 By unit prices stated in the Contract Documents or subsequently agreed upon;

13.3.3 By cost to be determined in a manner agreed upon by the parties and a mutually acceptable fixed or percentage fee;

13.3.4 By the method provided in Article 13.3.1.1 through 13.3.1.12.

13.3.5 The Contractor shall require that the itemized analysis of each portion of the proposed change to be performed by a Subcontractor and/or Sub-subcontractor be prepared by each such Subcontractor and/or Sub-subcontractor in accordance with the format established herein. Copies of all such itemized analyses shall be appended to the Contractor's itemized analysis of the proposed change in the Work.

13.3.6 For purposes of calculating Indirect Cost and Fee in relation to Change Orders, the net cost of a proposed change in the Work shall include, and unless otherwise agreed in writing prior to the performance of the proposed change, shall be limited to the fair and reasonable estimated cost of the total of all of the individual items, elements, or components involved in proposed change in the Work (including adds and deducts) as set forth in Articles 13.3.1.1 through 13.3.1.11.

13.3.7 For each portion of a proposed net additive change in the Work to be performed directly by the Contractor, the cost to Owner shall include an increment for the Indirect Cost and Fee of the Contractor associated with such portion of proposed change of 18% of the net cost of the Work.

13.3.8 For each portion of a proposed net additive change in the Work to be performed directly by a Subcontractor, in addition to an increment or increments for Subcontractor's Indirect Cost and profit associated therewith of 12%, the cost to the Owner shall include a supplementary increment or increments for Contractor's Indirect Cost and Fee associated therewith of % of the net cost of the Work.

13.3.9 In computing Indirect Cost and Fee, the percentage for Indirect Cost and Fee shall be taken on basic wage only. No percentage override shall be taken on social security, old age and unemployment contributions, contributions to Industry funds, education, and Training Funds and/or similar wage supplements, contributions or benefits.

13.3.10 Items, elements or components of changes in the Work or proposed changes which shall be classified as Indirect Cost and excluded from net cost shall include, but shall not necessarily be limited to:

13.3.10.1 All classifications of administrative, and clerical personnel not engaged manually in the performance of the Work, including timekeepers, clerks, watchmen, and security personnel.

13.3.10.2 Miscellaneous expense, job burden, and/or other generalized categories of cost or expense.

13.3.10.3 Insurance other than insurance coverage required herein.

13.3.11 In changes in the Work involving both additions to and deductions in the Work, or any portion or element thereof, or the relocation or rearrangement of items, portions or elements thereof, or the substitution of any items, portions or elements thereof, such additions and deductions shall be balanced and the Contractor's Fee computed on the same basis for deductions as well as additions. If at the request of the Owner a number of unrelated changes in the Work are set forth individually, summarized and totaled in a single Change Order for reasons of administrative convenience, the amount or amounts of individual deductive changes in the Work set forth therein shall, in any event, be balanced against the amount or amounts of individual additive changes in computing the Contractor's Fee for the purpose of adding and deducting.

13.3.12 If none of the methods set forth in Articles 13.3.1, .3.2 or .3.3 is agreed upon, the Contractor, provided it receives a written order signed by the Owner, shall promptly proceed with the Work involved. The cost of such Work shall then be determined by the Owner on the basis of the reasonable expenditures and savings of those performing the Work attributable to the change, including, in the case of an increase in the Contract Sum, a reasonable allowance for the Contractor's Fee. In such case, and also under Articles 13.3.3 and .3.4 above, the Contractor shall keep and present, in such form as the Owner may prescribe, an itemized accounting together with appropriate supporting data for inclusion in a Change Order, at the end of each day, and will submit to the Owner: (a) daily time slips, submitted to Owner on a daily basis, showing the name of each worker employed on such work, the number of hours which the worker is employed thereon, the character of the worker's duties, and the wages and benefits to be paid to the worker and on his behalf, and (b) a memorandum of the equipment used in the performance of such Work, together with the rental claimed therefor. Unless otherwise provided in the Contract Documents, cost shall be limited to the following: cost of materials, including sales tax and cost of delivery; cost of labor, including social

security, old age and unemployment insurance, and fringe benefits required by agreement or custom; worker's compensation insurance; bond premiums; rental value of equipment and machinery; and the additional costs of supervision and field office personnel directly attributable to the change. Pending final determination of cost to the Owner, payments on account shall be made on the basis of amounts reasonably estimated by the Owner. The amount of credit to be allowed by the Contractor to the Owner for any deletion or change which results in a net decrease in the Contract Sum will be the amount of the actual net cost as confirmed by the Owner and agreed to by the Owner. When both additions and credits covering related Work or substitutions are involved in any one change, the allowance or credit for the Contractor's Fee shall be figured on the basis of the net increase, or decrease, if any, with respect to that change.

13.4 Differing Site Conditions

13.4.1 The Contractor shall promptly, upon discovery, give a written notice to the Owner of (1) subsurface or physical conditions at the site which differ materially from those indicated in this Contract, or (2) unknown physical conditions at the site, of an unusual nature, which differ materially from those ordinarily encountered and generally recognized as inhering in work of the character provided for in the contract.

The Owner shall investigate the site conditions promptly after receiving the notice. If the conditions do materially so differ and cause an increase or decrease in the Contractor's cost of, or the time required for, performing any part of the Work under this Contract, whether or not changed as a result of the conditions, the Contract Sum and Contract Time shall be adjusted as provided in this Article, provided that the Work has been ordered in writing by Owner as provided in Article 13.1 above. There shall be included in the adjustment to the Contract Sum under the preceding sentence a reasonable allowance for any extraordinary increase in Indirect Cost borne by the Contractor because of such additional work.

13.5 Claims for Additional Cost or Time

13.5.1 If the Contractor wishes to make a claim for an increase in the Contract Sum or Contract Time, Contractor shall give the Owner a written notice thereof within 10 days after the occurrence of the event giving rise to such claim or within 10 calendar days after the Contractor first recognizes the condition giving rise to the Claim, whichever is later, except where claim is made in connection with deviations in Shop Drawing or Sample submittals, in which case claim shall be made in writing to the Owner concurrently with such submittals. This notice shall be given by the Contractor before proceeding to execute the Work. No such claim shall be valid unless so made. Any change in the Contract Sum or Contract Time resulting from such claim shall be authorized by Change Order.

13.5.2 If the Contractor claims that additional cost or time is involved because of, but not limited to, (1) any order by the Owner to stop the Work pursuant to Article 4.2 where the Contractor was not at fault, or (2) any deviation in Shop Drawing or Sample submittals from the requirements of the Contract Documents, the Contractor shall make such claim as provided in Article 13.5.1.

ARTICLE 14 UNCOVERING AND CORRECTION OF WORK

14.1 Uncovering of Work

14.1.1 If any portion of the Work should be covered contrary to the written and timely request of the Owner, or the requirements specifically expressed in the Contract Documents, it must, if required in writing by the Owner, be uncovered for Owner's observation and shall be replaced at the Contractor's expense.

14.1.2 If any other portion of the Work has been covered which the Owner has not specifically required to observe prior to being covered, the Owner may request to see such Work and it shall be uncovered by the Contractor. If such Work is found to be in accordance with the Contract Documents, the cost of uncovering and replacement shall, by appropriate Change Order, be charged to the Owner. If such Work is found not to be in accordance with the Contract Documents, the Contractor shall pay such costs unless it is found that this condition was caused by the Owner or a separate contractor as provided in Article 7.1, in which event the Owner shall be responsible for the payment of such costs.

14.2 Correction of Work

14.2.1 The Contractor shall promptly correct all Work failing to conform to the Contract Documents whether observed before or after Substantial Completion and whether or not fabricated, installed or completed. The Contractor shall bear all costs of correcting such non-conforming Work, including compensation for the Owner's additional services made necessary thereby.

14.2.2 If, at any time after the Owner's acceptance of the fully completed Project, any of the Work is found not to have been provided in conformance with the Contract Documents, or, if within one year after such acceptance any of the Work, is otherwise found to be faulty or defective, the Contractor shall correct it promptly after receipt of a written notice from the Owner to do so. The Contractor shall also repair or replace any part of the Work which is damaged by the defective condition or the remedial Work. This obligation shall survive termination of the Contract, subject to the terms of any applicable statute of limitations. The Owner shall give such notice promptly after discovery of the condition.

14.2.3 The Contractor shall remove from the Site all portions of the Work which are non-conforming and which have not been corrected under Articles 5.4.1, 14.2.1 and 14.2.2, unless removal is waived by the Owner.

14.2.4 If the Contractor fails to correct non-conforming Work as provided in Articles 5.4.1, 14.2.1 and 14.2.2, the Owner may correct it in accordance with Article 4.3.

14.2.5 If the Contractor does not proceed with the correction of such non-conforming Work within a reasonable time fixed by written notice from the Owner, the Owner may remove it and may store the materials or equipment at the expense of the Contractor. If the Contractor does not pay the cost of such removal and storage within 10 days thereafter, the Owner may upon 10 additional days written notice sell such Work at auction or a private sale and shall account for the net proceeds thereof, after deducting all the costs that should have been borne by the Contractor. If such proceeds of sale do not cover all costs which the Contractor should have borne, the difference shall be charged to the Contractor and an appropriate Change Order shall be issued. If the payments then or thereafter due to the Contractor are not sufficient to cover such amount, the Contractor shall pay the difference to the Owner upon demand.

14.2.6 The Contractor shall bear the cost of making good all work of the Owner or

separate contractors destroyed or damaged by such correction removal.

14.2.7 Subject to the terms of any applicable statute of limitations, nothing contained in this Article shall be construed to establish a period of limitation with respect to any other obligation which the Contractor might have under the Contract Documents, including Article 5.4 hereof. The establishment of any time period prescribed by the terms of any warranty required by the Contract Documents relates only to the specific obligation of the Contractor to correct the Work, and has no relationship to the time within which its obligation to comply with the Contract Documents may be sought to be enforced, nor the time within which proceedings may be commenced to establish the Contractor liability with respect to Contractor's obligations other than specifically to correct the Work.

14.3 Acceptance of Defective or Non-Conforming Work: If the Owner prefers to accept non-conforming Work, Owner may do so instead of requiring its removal and correction, in which case a Change Order will be issued to reflect a reduction in the Contract Sum where appropriate and equitable. Such adjustment shall be effected whether or not final payment has been made.

ARTICLE 15 UNDERGROUND WORK

15.1 Notification of Hazards: Contractor is hereby notified that the project involves work in a former underground gold mine. The surface property related and adjacent to the underground property contains heavy machinery, high-voltage electrical connections and conduits, open catwalks, and other elevated walkways, hidden hazards of tripping or falling and numerous other serious risks of health, life and safety, and risks of damage to property. The underground property also includes and contains heavy machinery, high-voltage electrical connections and conduits, open catwalks and other elevated walkways and hidden hazards of tripping or falling. Entering the underground property involves a substantial risk of underground fires, underground floods, collapse, failure of lifts and hoists, suffocation, being trapped, being crushed to death and numerous other serious risks to health, life and safety, and risks of damage to property.

15.2 Acknowledgement of Risk and Release: All persons going underground, including Contractor, Contractor's officers, directors, employees, agents, consultants, subcontractors and representatives, and each of their officers, directors, employees, agents, consultants, subcontractors and representatives must execute the Acknowledgement of Risk and the Release, Agreement Not to Sue and Waiver in the forms attached hereto, marked collectively as Exhibits G & H and incorporated herein by this reference.

15.3 Indemnification of Homestake Indemnified Parties: Contractor, for itself and its officers, directors, employees, agents, representatives and assigns, will and does hereby release, discharge and agree not to sue the Homestake Indemnified Parties with respect to any damage or injury to any person (including natural persons, corporations, limited liability companies and other entities) or property caused in whole or in part by the Contractor or its officers, directors, employees, agents, representatives, sub-contractors and sub-suppliers. For the purposes of this Agreement, the term "Homestake Indemnified Parties: means Barrick, Homestake and the Affiliates of Barrick and Homestake, and each of its and their Representatives.

ARTICLE 16 TERMINATION OF THE CONTRACT

16.1 Termination by the Contractor: If the Work is stopped for a period of 90 days under

an order of any court or any public authority having jurisdiction, or as a result of an act of government, such as a declaration of a national emergency making materials unavailable, through no act or fault of the Contractor or Subcontractor or their agents or employees or any other persons performing any of the Work under a contract with the Contractor, then the Contractor may, upon 7 additional days written notice to the Owner, terminate the Contract and recover from the Owner payment for all Work executed to the termination date, together with reasonable demobilization costs. The Contractor shall have no other right to terminate the Contract for any reason.

16.2 Termination by the Owner

16.2.1 If the Contractor is in default under the Contract Documents, the Owner may, without prejudice to any other right or remedy and upon written notice to the Contractor, terminate the contract.

Prior to termination of the Contract, the Owner shall give the Contractor and its surety 10 calendar days written notice, during which the Contractor and/or its surety may rectify the cause of the termination. If rectified to the satisfaction of the Owner within said 10 days, the Owner may rescind its notice of termination. If not rectified, the termination for cause shall become effective at the end of the 10 day notice period. In the alternative, the Owner may postpone the effective date of the termination notice, at its sole discretion, if it should receive reassurances from the Contractor and its surety that the causes of termination will be remedied in a time and manner which the Owner finds acceptable. If at any time more than 10 days after the notice of termination, the Owner determines that the Contractor or its surety has not or is not likely to rectify the causes of termination in an acceptable manner or within the time allowed, then the Owner may immediately terminate the Contract for cause by giving written notice to the Contractor and its surety. In no event shall termination for cause terminate the obligations of the Contractor's surety on its payment and performance bonds.

Notice of termination, whether initial or given after a period of postponement, may be served upon the Contractor and the surety by mail or any other means at their last known places of business in South Dakota or elsewhere, by delivery to any officer or management/supervisory employee of either wherever they may be found, or, if no such officer, employee or place of business is known or can be found by reasonable inquiry within 3 days, by posting the notice at the job site. Failure to accept or pick up registered or certified mail addressed to the last known address shall be deemed to be delivery.

Upon termination of the Contract, the Owner shall take possession of the premises and of all materials, tools, appliances, equipment, and other facilities on the Project, wherever stored, and may finish the Work by whatever method it may deem expedient. The Contractor shall assign Subcontracts to the Owner or to a designated substitute contractor promptly upon request. In such case the Contractor shall not be entitled to receive any further payment until the Work is finished and the Owner has determined its damages owing to the Contractor's default.

16.2.2 If the costs of finishing the Work, including services made necessary by the Contractor's default, and all other damages suffered by the Owner on account of the Contractor's default, exceed the unpaid balance of the Contract Sum, the Contractor shall pay the difference to the Owner, and this obligation for payment shall survive the termination of the Contract. If the costs of finishing the Work are less than the unpaid portion of the Contract Sum, the Owner shall pay the unpaid balance of any amount properly owing to the Contractor for all Work executed to the date of termination, less

actual damages. The Owner will not be obligated to pay any further amount on account of Direct Cost, Indirect Cost or Fee.

16.2.3 If it should be judicially determined that the Owner improperly terminated this Contract for cause, then the termination shall be deemed to be a termination for the convenience of the Owner.

16.3 Termination for Convenience

16.3.1 The Owner may terminate this Contract at any time without cause, in whole or in part, upon giving the Contractor notice of such termination. Upon such termination, the Contractor shall immediately cease Work and remove from the project site all of its labor forces and such of its materials as Owner elects not to purchase or to assume in the manner hereinafter provided. Upon such termination, the Contractor shall take such steps as Owner may require assigning to the Owner the Contractor's interest in all Subcontracts and purchase orders designated by Owner. After all such steps have been taken to Owner's satisfaction, the Contractor shall receive as full compensation for termination and assignment the following:

- (1) All amounts then otherwise due under the terms of this Contract,
- (2) Amounts due for Work performed subsequent to the latest Request for Payment through the date of termination,
- (3) Reasonable compensation for the actual cost of demobilization incurred by the Contractor as a direct result of such termination. The Contractor shall not be entitled to any compensation for lost profits or for any other type of contractual compensation or damage other than those provided by the preceding sentence. Upon payment of the foregoing, Owner shall have no further obligations to Contractor of any nature.

16.3.2 In no event shall termination for the convenience of the Owner terminate the obligations of the Contractor's surety on its payment and performance bonds.

EXHIBIT A

INSURANCE REQUIREMENTS

EXHIBIT A

INSURANCE REQUIREMENTS

- A. Minimum Insurance - Prior to commencement of work, the Contractor or Project Participant will procure and maintain the following insurance:
- i. Commercial general liability insurance with limits of liability not less than \$5,000,000.00 per occurrence, \$5,000,000.00 general aggregate, \$5,000,000.00 products/completed operations and, if not covered by a separate automobile liability policy, hired and non-owned automobiles covering bodily injury, property damage, and personal and advertising injury. These limits of liability may be achieved through a combination of commercial general liability insurance and a follow-form excess or umbrella policy.
 - ii. In the case of leased or owned automobiles, business automobile liability insurance with limits not less than \$1,000,000.00 combined single limit per accident for bodily injury and property damage. Such insurance shall include coverage for owned, non-owned, and hired automobiles.
 - iii. Workers' Compensation and Employers' Liability covering payment of workers' compensation benefits for injury, death, occupational disease, or hearing loss as provided by South Dakota law, secured by workers' compensation insurance or by self-insurance or other means permitted under SDCL Ch. 62-5 which is acceptable to the SDSTA along with Employers' Liability limits of \$1,000,000.00 per accident, \$1,000,000.00 each employee by disease, and a policy limit of \$1,000,000.00 by disease, or if not available, such other coverage as is described in subsection III.E.4 of the Risk Transfer Protocols.
- B. Insurance Provisions Applicable to Coverages in Category Three ("Intermediate Risk")
- i. Commercial General Liability and Automobile Liability Coverages:
 - a. Provide general liability coverage (including contractual liability, broad form property damage coverage, and severability of interest) at least as broad as the industry standard Insurance Services Office ("ISO") form CG 00 01, or its equivalent; and CA 00 01 with regard to automobile liability coverages, or its equivalent.
 - b. SDSTA and its officers, agents, and employees; Fermi Research Alliance, LLC, and its officers, agents, employees; University of Chicago and its officers, agents, and employees; University Research Association, LLC, and its officers, agents, and employees; the United States Department of Energy and its officers, agents, and employees; Barrick Gold Corporation, Homestake Mining Company of California, and the affiliates of Barrick and Homestake, and each of its and their officers, directors, employees, and agents and any visitor, contractor or consultant Homestake or Barrick invites onto or allows or authorizes to use SURF are to be covered as additional insureds with respect to liability arising out of activities performed by or on behalf of any Contractor or Project Participant; products and completed operations of any Contractor or Project Participants; premises owned, leased, or used by any Contractor or Project Participant; and automobiles owned, leased, hired, or borrowed by Contractor or Project Participant. The coverage shall contain no special limitations on the scope of protection afforded to SDSTA, its officers, directors, or employees. All additional insured coverage must include ongoing and completed operations.
 - c. Contractor's or Project Participant's insurance coverage shall be primary insurance as respects SDSTA officers, agents, and employees. Any insurance or self-insurance maintained by SDSTA, its officers, agents and employees shall not contribute with Contractors or Project Participant's insurance.
 - d. Any failure to comply with reporting provisions of the Contractor's or Project Participant's policies by the Contractor or Project Participant shall not affect coverage provided SDSTA, its officers, agents, and employees.
 - e. Coverage shall state the Contractor's or Project Participant's insurance shall apply separately to each insured against whom claim is made or suit is brought, except with respect to the limits of the insurer's liability.

- f. Coverage shall contain a waiver of subrogation in favor of SDSTA and its officers, directors, agents, and employees, the State of South Dakota and its officers, agents and employees; Barrick Gold Corporation, Homestake Mining Company of California, and the affiliates of each of Barrick and Homestake, and each of its and their officers, directors, employees and agents, and any visitor, contractor or consultant Homestake or Barrick invite onto or allow or authorize to use SURF; Fermi Research Alliance, LLC, and its officers, agents, and employees; and the United States Department of Energy and its officers, agents, and employees.

- ii. Worker's Compensation and Employers' Liability

- a. Coverage shall contain a waiver of subrogation in favor of the SDSTA, its officers, agents and employees; Fermi Research Alliance, LLC, and its officers, agents, and employees; and the United States Department of Energy and its officers, agents, and employees; Barrick Gold Corporation, Homestake Mining Company of California, and the affiliates of Barrick and Homestake, and each of its and their officers, directors, employees and agents and any visitor, contractor or consultant Homestake or Barrick invite onto or allow or authorize to use SURF.

- iii. All Coverages

- a. Each insurance policy required by the agreement shall be endorsed to state that coverage shall not be suspended, voided, cancelled, or reduced in limits except after thirty (30) days' prior written notice has been given to the SDSTA, except that ten (10) days' prior written notice shall apply in the event of cancellation for nonpayment of premium.
- b. All self-insurance, self-insured retentions, and deductibles must be declared and approved by the SDSTA as provided in the Risk Transfer Protocol manual.
- c. Evidence of Insurance – Prior to commencement of work, the Contractor or Project Participant shall furnish the SDSTA with certificates or other proof evidence compliance with the insurance requirements above. The Contractor agrees to provide complete, certified copies of all required insurance policies if requested by the SDSTA.
- d. Acceptability of Insurers – Insurance shall be placed with reputable insurers acceptable to the SDSTA with an A.M. Best rating of A, VII or higher.

- C. Subcontractors and Consultants

- i. The categories of risk and insurance requirements for each shall apply not only to the general contractor, but also to all subcontractors, consultants, and others doing work in connection with a contract or Project under the direction or auspices of a Contractor or Project Participant. A category of risk and the applicable insurance requirements will be determined on a "per subcontractor" or "per consultant" basis, taking into account the particular work to be done by the subcontractor or consultant and the interrelationship of that work to other work being conducted by the Contractor or Project Participant. When SDSTA is the contracting party (as "owner" or equivalent), SDSTA will determine the categories of risk and applicable insurance requirements for subcontractors and consultants, and require proof of the existence of such insurance as provided in these Protocols. When FRA or a Project Participant is the contracting party (as a subcontractor to DOE or "owner" or equivalent), SDSTA must approve the categories of risk and applicable insurance for the general contractor (as between FRA of the Project Participant and the contractor). The categories of risk and applicable insurance requirements for all subcontractors shall be determined by the general contractor, taking into account the work to be done by the general contractor and the interrelationship of that of that work with other work to be undertaken by the subcontractor; provided, however, that in no event may the limits required of a subcontractor doing work on the Surface Property only be less than \$1,000,000.00 per occurrence and \$2,000,000.00 aggregate, nor may the limits required of a subcontractor doing any work in the Underground Property be less than \$5,000,000.00 per occurrence and \$5,000,000.00 aggregate. The general contractor (as between FRA or Project Participant and the contractor) shall certify to SDSTA that it has required appropriate limits of liability of its subcontractors utilizing the criteria set out in this subparagraph and that the subcontractors have such insurance in place.

EXHIBIT B

ENVIRONMENTAL, SAFETY, AND HEALTH REQUIREMENTS CONTRACTOR'S RESPONSIBILITY FOR PROJECT SAFETY

NOTE: All requested information must be submitted with Questionnaire. Failure to include all of the requested documentation may eliminate Bidder from consideration for this RFB.
Add additional pages as needed.

1) Business Name: _____

Name, Title, and contact information of company representative completing form:

Name:	
Title:	
Phone #:	

2) OSHA Total Recordable Injury Rates (TRC) and Days Away, Restricted, or Transferred Rates (DART) for the current and past three years. *Please report the rate, not the number of cases.*

<u>Year</u>	<u>TRC rate</u>	<u>DART rate</u>

3) Experience Modification Rate (EMR/MOD):

List your current EMR and those for the last 3 years; attach documentation from your Insurance Carrier on their letterhead with their representative's signature and title.

<u>Year</u>	<u>EMR</u>

4) Citations

Has your company received any citations in the past (3) years from any government agency?
This includes ANY citations related to Environmental, Safety and Health (ESH).

☐ YES ☐ NO

If yes, include a copy of citation(s) and abatement actions.

5) OSHA 300A Logs:

☐ Please attach your latest updated OSHA 300A Log, and those for the past three years.

6) ESH Program

Does your company have a written "ESH Program", including a mission statement, policies and procedures?

☐ YES ☐ NO

If available, please provide a copy of your ESH manual and policies and procedures.

If yes, does the program address both Environmental, Safety and Health concerns?

☐ YES ☐ NO

Check which of the following elements does your program includes.

<input type="checkbox"/>	Compressed Gases
<input type="checkbox"/>	Confined Space
<input type="checkbox"/>	Control of Hazardous Energy / Lock Out Tag Out (LOTO)
<input type="checkbox"/>	Cranes and Hoists
<input type="checkbox"/>	Disablement / Impairment of Safety Equipment
<input type="checkbox"/>	Electrical Safety
<input type="checkbox"/>	Emergency Management
<input type="checkbox"/>	Environmental Requirements (SPCC, storm water control, waste management, etc.)
<input type="checkbox"/>	Fall Protection and Prevention Procedure
<input type="checkbox"/>	Fatigue Management
<input type="checkbox"/>	Fire Prevention and Protection
<input type="checkbox"/>	Hazard Communication
<input type="checkbox"/>	Hearing Conservation
<input type="checkbox"/>	Hot Work
<input type="checkbox"/>	Incident Reporting and Investigation
<input type="checkbox"/>	Machine Safeguarding
<input type="checkbox"/>	Personal Protection Equipment (PPE)
<input type="checkbox"/>	Powered Industrial Trucks (PITs)
<input type="checkbox"/>	Respiratory Protection
<input type="checkbox"/>	Severe Weather Management
<input type="checkbox"/>	Below-The-Hook Devices and Slings/Rigging Hardware
<input type="checkbox"/>	Stop Work and/or Pause Work
<input type="checkbox"/>	Trenching and Excavation
<input type="checkbox"/>	Work Planning and Control

Does your ESH program include a Training Program?

☐YES ☐NO

Check which elements or certifications, in addition to those included in your ESH program listed above, that your company provides.

<input type="checkbox"/>	Asbestos
<input type="checkbox"/>	Bloodborne Pathogens
<input type="checkbox"/>	CPR/AED/ First Aid
<input type="checkbox"/>	Emergency Action Plan (EAP)
<input type="checkbox"/>	Fire Extinguisher
<input type="checkbox"/>	Industrial Hygiene
<input type="checkbox"/>	Lead (Pb) Abatement
<input type="checkbox"/>	MSHA Training or certification
<input type="checkbox"/>	OSHA 10-Hour certification
<input type="checkbox"/>	OSHA 30-Hour certification
<input type="checkbox"/>	Oxygen Deficiency Hazards (ODH)
<input type="checkbox"/>	Radiation Safety
<input type="checkbox"/>	Scaffold Training
<input type="checkbox"/>	Substance-Free

List any additional training or certification not listed above:

OTHER:	
--------	--

7) ESH Professionals

Does your firm employ a Corporate ESH Director/Manager(s)? If yes, please check.

☐YES ☐NO

If yes, please provide the name(s) and phone number(s).

Name	
Ph #	
Name	
Ph #	

Do you have a Safety Manager/Supervisor(s) responsible for maintaining the ESH aspects on a daily basis on your job sites? ☐YES ☐NO

8) Does your company proactively screen sub-contractors' safety performance?

☐YES ☐NO

Revision History

Rev	Date	Section	Paragraph	Summary of Change	Authorized by
01	10/20/22	NA	NA	Initial issue	CCR 636
02	7/31/2023	NA	6,7,8	Updated ESH Manual list and removed additional information from #7 and #8	CCR 797

SAFETY AND ENVIRONMENTAL REQUIREMENTS

1 GENERAL

1.1 CONTRACTOR'S RESPONSIBILITY FOR PROJECT SAFETY AND ENVIRONMENTAL PROTECTION

- 1.1.1 The Contractor recognizes the importance of performing the work in a safe and responsible manner to prevent damage, injury, or loss to individuals, the environment, and the work itself, including materials and equipment incorporated into the work or stored on-site or off-site. Contractor assumes responsibility for implementing and monitoring all Environment, Safety and Health (ESH) precautions and programs related to the performance of the work.
- 1.1.2 The Contractor and subcontractors shall comply with all legal and SDSTA-specific reporting requirements relating to ESH set forth in the contract documents. The Contractor will verbally notify of any injury, loss, damage, or accident arising from the work to Project Manager and to the SDSTA ESH Safety Representative (ESH Safety Rep), to the extent mandated by legal requirements, to all government or quasi-government authorities having jurisdiction over safety-related matters involving the project or the work. All persons injured while working at SURF will be immediately evaluated, and treated as necessary, by a medical professional before returning to work. Contractor and its subcontractors will immediately report to the Project Manager all spills of a regulated substance of one gallon or greater, and all other significant impacts to the environment (soil, water, air) in performance of the work. Contractor will also immediately notify the Project Manager of any failure to comply with state and federal environmental laws, rules, and regulations.
- 1.1.3 The Contractor's responsibility for ESH under this specification is not intended in any way to relieve subcontractors and sub-subcontractors of their own contractual and legal obligations and responsibilities.
- 1.1.4 The Contractor is responsible for screening all subcontractors with respect to safety and to adopt a safety selection process consistent with requirements defined herein. In addition, Contractor is responsible for flowing down all ESH requirements of the Contract to its subcontractors, including monitoring and enforcing compliance.

1.2 ESH REQUIREMENTS AND COORDINATION

- 1.2.1 Safety and protection of the environment are of the utmost concern on this contract. Safety in this context refers to the health and safety of people and the protection of the environment. Nothing contained herein relieves the Contractor from complying with all applicable standards and regulations found in 29 CFR Part 1926 (OSHA construction standard), 40 CFR (Federal environmental regulations, and Part 74 of the Administrative Rules of South Dakota (State environmental regulations), where applicable. Site specific safety requirements are defined in the SDSTA ESH Manual located at: <https://www.sanfordlab.org/esh>. Mine Safety and Health Administration (MSHA) compliance may be acceptable, where applicable.
- 1.2.2 The Contractor will address the safety requirements defined herein and in the SDSTA ESH Manual. Contractor costs associated with the implementation of the requirements

will be borne by the Contractor. Safety deficiencies discovered after the award will be remedied at no cost to SDSTA and may at the Contracting Officer's discretion be deducted from the contract amount.

- 1.2.3 The Contractor shall have a designated Safety Representative (SR), approved by SDSTA, present on the Project at all times when work is physically being performed. The SR may have other minor duties, but the position's primary role is to oversee safety of the worksite and work being performed by the Contractor, as well as that of its subcontractors. [The superintendent or qualified designee may act as the SR.] (Depending on the scope, size, or complexity of the project, a full time SR may not be required. Consult with ESH to make this determination and substitute alternate verbiage as needed.) If shift work will be utilized, the Contractor must have a SR for each shift. In the case of shift work, the Contractor will designate one SR as the lead for the project. The training requirements for the second SR are the same as the lead and are as follows:
- The SR shall have underground safety experience and training (e.g., MSHA part 48) when applicable.
 - The SR shall be certified in CPR, AED, and First Aid.
 - The SR is responsible for administering the Contractor's ESH program.
 - The SR will escort the ESH Safety Rep on a monthly ESH site visit.
 - The SR will provide training to all employees working on their behalf in regard to oil pollution prevention, solid and hazardous waste management, and storm water management, if applicable.
 - The Contractor will supply a weekly ESH report to the ESH Safety Rep, detailing any ESH related items.
- 1.2.4 The Contractor shall have at least one individual certified in CPR, AED, and First Aid onsite at all times.
- 1.2.5 The Contractor is responsible for identifying the need for Qualified and/or Competent Persons for specific tasks as defined in 29 CFR 1926.
- 1.2.6 The Contractor must have a documented Site-Specific Environment, Safety and Health Program/Plan in place and accepted by SDSTA before work will be authorized to start. This program must be consistent with the requirements in the SDSTA ESH Manual. The program will be based on the hazards inherent to the Means and Methods adopted by the Contractor and its associated work environment. The scope of work will dictate the required program elements for this contract. Program elements may include those listed on the ESH Manual of the SURF website at <https://www.sanfordlab.org/esh>.
- If the Contractor chooses to adopt one or more specific elements of the SDSTA ESH program, it must adopt that element in its entirety.
- 1.2.7 The Contractor is expected to follow a work planning and controls process that is aligned with the SDSTA. (See SURF website ESH Manual at <https://www.sanfordlab.org/esh>.) The work planning and controls process must be conducted and documented prior to the start of work in the form of a Job Hazards Analysis (JHA). A JHA, developed by the SR, approved by the Project Manager and ESH Safety Rep. The JHA will be reviewed with the individual(s) expected to perform the work prior to work starting on a specified task. The SR is expected to review all JHAs.

Copies of JHA(s) must be present at the location where work is being performed and accessible to the individuals performing the work and to SDSTA representatives.

- 1.2.8 The Contractor will conduct a daily crew work planning meeting (tailgate/toolbox talk), including, when necessary, subcontractor employees, prior to the beginning of each shift. This talk will include the plan of work for the day, a review of hazards and potential regulatory issues, inspection/removal of loose puncture hazards as part of a general daily cleanup requirement of the work area, and the review of applicable JHAs. These documented talks will be submitted to the Project Manager or uploaded to a designated electronic database at the end of each day, or by the end of the work week.
- 1.2.9 The Contractor is responsible for assuring that all Contractor employee safety training is completed in compliance with SDSTA guidelines, standards, and associated regulations. The following training is required for all Contractor personnel before they start work:
- Sanford Underground Research Facility (SURF) Surface and/or Underground Orientation Training, if onsite for less than 40 hours in a 12-month period
 - Cultural Awareness video
 - Any specific equipment training (e.g.: crane operator)
 - Site specific training for environmental compliance (e.g.: spill prevention, Hazmat, storm water, etc.)
- For contractor personnel working on-site more than 40 hours in a 12-month period, the following training is required:
- General Safety Basic Training (Surface and/or Underground)
- 1.2.10 The Contractor must have an individual trained and qualified as a SURF Guide for each area that the Contractor will be working. The Guide must be onsite with the workers at all times. Refer to ESH-(1000-S)-73189 Facility Access Standard or the SURF Training Department for Contractor Guide training.
- 1.2.11 The Contractor shall provide all common Personal Protective Equipment (PPE) required for the work (hard hats, safety toe boots, safety glasses with side shields, hi-visibility clothing and required fall protection equipment including suspension trauma straps, and full body harness (ANSI A10.14 approved). All contractor personnel shall follow the ESH-(7000-S)-71493 PPE Standard and supporting documents.
- Unique PPE required for aerial lift equipment:
 - Anyone working from an aerial lift must wear a personal fall restraint system or SRL following manufacturer's recommendations.
 - Fall protection must be attached to the manufacturer's designated anchor point.
 - Unique PPE required for any underground work [[will be provided by SDSTA for the duration of the project and](#)] at a minimum includes:
 - W65 Self Rescuers (must be maintained according to MSHA requirements) (always required when working underground)
 - Gas Tester(s) (M40M or equivalent)
 - Cap lamps
- 1.2.12 Smoking, use of tobacco products, including vapor, alcohol, controlled substances, or weapons are not allowed within the boundaries of SURF. All property owned and operated by the SDSTA is designated as tobacco and vapor-free. This applies to all areas of the surface and the underground. The Contractor shall manage and maintain a drug

and alcohol policy that aligns with that of SDSTA written policy and procedures. The ESH department review of this document may be required.

- 1.2.13 If SDSTA perceives the Contractor has created or is exposed to an imminent danger, unacceptable risk, or a non-compliance situation, SDSTA will stop work until safe conditions are re-established. Such work stoppages will be at the expense of the Contractor and will not add time to the completion date of the contract. All personnel have the right and responsibility to authorize a stop work onsite whenever encountering an unsafe condition or act. Refer to the ESH-(2000-S)-202124 Stop Work Standard.
- 1.2.14 In the event of an incident, Contractor will notify the Project Manager and/or ESH Safety Rep immediately and never later than the end of shift on the day of incident. Contractor shall complete the ESH-(3000-F)-173324 First Report form and submit to the Project Manager or ESH Safety Rep. Contractor shall conduct an incident investigation in accordance with the SDSTA Standard. The investigation will include preparing a written report summarizing the results of the investigation, corrective actions taken to prevent a recurrence, and any lessons learned. SDSTA may at its discretion participate in and facilitate the incident investigation. Time and expense incurred by Contractor performing an incident investigation will be at the Contractor's expense.
- 1.2.15 The Contractor may, with SDSTA written permission, operate SURF-owned equipment. The Incidental Operator must first meet SDSTA requirements for the operation of said equipment. The Contractor shall regularly inspect, test, and calibrate as necessary all equipment, machinery, tools, or other items furnished by SDSTA that are employed in Contractor's work. Contractor shall take reasonable precautions to avoid damage to facility structures and utilities. If apparent defects are found in SDSTA-provided materials or equipment, defective equipment shall be taken out of service and Contractor shall promptly notify the Project Manager of such defect(s) in writing. Contractor provided equipment shall be inspected and maintained prior to arriving on-site and before each use. Failure of Contractor-provided equipment shall not be entitled to any compensation for downtime or delays or schedule extensions.
- 1.2.16 When working in the headframes, the Contractor will maintain six-foot distance away from an open shaft hole when the cage gate is open or have 100% tied-off (Fall Arrest) protection.
- 1.2.17 The Contractor acknowledges that periodic evacuation drills and exercises are required by SDSTA to validate the adequacy and effectiveness of the ESH-(6000-S)-185207 Emergency Management Standard. Contractor also recognizes that such drills and exercises enhance its employees' understanding of Emergency Management Standard. Contractor agrees to participate in quarterly evacuation drills, which may or may not be scheduled in advance, during the term of this contract. It is understood that Contractor will not be entitled to any additional compensation for participating in these evacuation drills or exercises.
- 1.2.18 The Contractor agrees to assess whether Contractor's employees have the physical, mental, and emotional capacity to perform assigned tasks competently and in a manner that does not unreasonably threaten safety, health, or property, including participation in emergency procedures applicable to Contractor's work location. The ESH-(2000-S)-15209 Fatigue Management Standard regulates the impacts of fatigue for safety, health,

and productivity onsite. Refer to the SURF website ESH Manual at <https://www.sanfordlab.org/esh> for further information.

1.2.19 The Contractor shall follow use of ladders and shall meet the requirements of OSHA 1926.1053 (Subpart X) and OSHA 1910.23 (Subpart D). Prior to using a ladder, the following shall be considered:

- Alternative methods, such as platform/podium ladder, scaffolding, scissor lift, or aerial lift.
- Fall protection is required when working from a standard ladder at a height greater than four feet.
- Fall protection is required when working from the platform of a three-sided podium ladder at a height greater than six feet.

- Additional fall protection is not required when working from a four-sided podium ladder.

For further information on the ESH-(7000-S)-73415 Fall Protection and Prevention Standard,

refer to the SURF website ESH Manual at <https://www.sanfordlab.org/esh>.

1.2.20 The Contractor shall manage all waste, both solid and hazardous, as well as all obsolete, expired, or unused materials procured by the Contractor, including the cost of disposal. The Contractor shall manage and dispose of all wastes generated in compliance with all applicable state and federal laws and regulations. The Contractor shall minimize, to the extent practical, the generation and accumulation of waste during the lifespan of the project. Waste shall not be allowed to accumulate to the point of becoming a threat to the environment (air, land, water) and must not be stored on the ground for longer than a single work shift. Where large amounts of waste are anticipated, a roll off bin should be used. When a roll off bin is not used, wastes must be removed from the work site on a regular basis.

All clean-up and disposal costs associated with Contractor spills or equipment leaks of environmentally regulated substances in the performance of their work are the responsibility of the Contractor. Spills and leaks must be cleaned up immediately, and leaks must be repaired to prevent further environmental contamination.

If the Contractor will be disturbing one or more acres, it is the responsibility of the Contractor to obtain a South Dakota Stormwater Construction Permit and to comply with that permit, including the installation and maintenance of stormwater pollution controls. Stormwater flowing off the work site must be clean, with no visible sheen or solids. Any existing stormwater pollution controls that are altered during Contractor activities must be returned to full operating condition as soon as possible.

Work that results in the storage of petroleum products (55 gallons or greater in a single container) or the installation of oil-filled operational equipment with a volume of 55 gallons or greater must be reported to the Environmental Department, and secondary containment must be installed.

Visible air emissions occurring from roads, stockpiles, conveyors, etc. used during Contractor work must be controlled by the Contractor.

1.2.21 All chemicals to be used at SURF must be pre-approved by SDSTA and Safety Data Sheets (SDS) must be maintained by the Contractor and be readily available to workers on site.

- 1.2.22 Flammables (defined in 30 CFR Part §57.4460 Storage of flammable liquids underground) are not allowed underground. Flammables used on the surface are to be stored in engineered flammable cabinets or in containers with a minimum one-hour fire resistance.
- 1.2.23 Combustibles in the underground work areas shall be managed as per 30 CFR Part 57.4104 -57.4531, as applicable.
- 1.2.24 Tier 4 engines are required at SURF for underground use. Lower Tier 3 equipment may be allowed underground but only with SDSTA permission. All underground diesel equipment must be approved by SDSTA prior to usage.
- 1.2.25 SDSTA reserves the right to restrict or deny access of any Contractor employee to the work location.
- 1.2.26 The Contractor shall report the hours worked on site by Contractor's employees on a monthly basis to the Project Manager named in the contract. Hours shall be emailed to the Project Manager no later than the 3rd day of the month for hours worked the previous month.

EXHIBIT C

PROJECT NAME
SCOPE OF WORK

SCOPE OF WORK

Design drawings and project specifications are attached to this RFP. The scope of work includes the following:

Item A: Procure, and install two 2-hour fire rated walls:

- Construct CMU walls across each end of the substation.
- Walls must follow the non-uniform contour of the rib and back.
- Walls must be pinned to rib and back (refer to *Design Drawing S-101.*)
- West wall approximate dimensions: 26 feet long by 13 feet high.
- West wall must contain the following openings:
 - 10-foot-wide x 6-foot-high opening for fire/smoke dampers.
 - Opening for 6-0 x 7-0 walk-in double door.
 - Two 4-foot-wide x 6-inch-high fire-stopped openings for conduit penetrations.
- East wall approximate dimensions: 36 feet long by 19 feet high.
- East wall must contain the following openings:
 - Opening for a duct penetration.
 - Opening for 3-0 x 7-0 walk-in single door.
 - Opening for a 8-0 x 10-0 manually operated coiling overhead door.
 - 3-foot 4-inch-wide x 6-inch-high fire-stopped opening for conduit penetrations.
- All finished walls, door frames, and walk-in doors must be painted.

Item C: Provide and install 1 1/2-hour fire rated steel doors:

- Walk-through doors shall open outward.
- Walk-through doors shall include panic hardware for emergency egress.
- 6-0 by 7-0 double-door, active leaf with narrow door lite in the west wall.
- 3-0 by 7-0 door, with narrow door lite in the east wall.
- 8-0 by 10-0 manually operated coiling door in the east wall.

Item D: Install a concrete housekeeping pad:

- The housekeeping pad shall be 4-inches thick by 5-foot-wide by approximately 80-feet long.
- The pad shall include steel reinforcement.
- The pad shall contain a UFER grounding system (installed by others) with bare copper grounding pigtails protruding out for electrical bonding to equipment. (Refer to *Design Drawings*.)

Item B: Procure, and install a Ventilation System:

- The ventilation system shall draw air in through the east wall and draw air out through the west wall of the substation.
- The ventilation system shall be ducted north through the West Access drift and exhaust into the South Drift.
- The ventilation system shall maintain a nominal 85 degrees Fahrenheit room temperature with a heat load of 32,000 btu, and a maximum of 104 degrees Fahrenheit with a maximum heat load of 80,000 btu.
- The ventilation system consists of a 30,000 CFM, belt driven, axial vane fan located in the West Access Drift and approximately 260 feet of ductwork.
- Work includes the installation of rock/masonry anchors and hanger hardware to support the fan and ductwork.
- Provide and install 2-hour fire rated fire/smoke dampers:
 - o 60 square feet of inlet fire/smoke dampers in the west wall.
 - o A fire/smoke damper on the inlet to the ventilation duct at the east wall.

EXHIBIT D

CONTRACTOR'S PROPOSAL

EXHIBIT E

CERTIFICATE OF EXEMPTION

EXHIBIT F

**FEDERAL REQUIREMENTS
FEDERAL TERMS AND CONDITIONS**

EXHIBIT E

FEDERAL REQUIREMENTS

FEDERAL TERMS AND CONDITIONS

The Equal Opportunity Act 2000 (EOA) prohibits any person concerned with the provision of goods, facilities, and services to the public or a section of the public from discriminating against a person who seeks to obtain those goods, facilities and services. Discrimination on the basis of race, color, national origin, sex, disability, or age is prohibited by federal civil rights laws.

FA-TC-0015

FEDERAL, STATE, AND MUNICIPAL REQUIREMENTS

You must obtain any required permits and comply with applicable federal, state, and municipal laws, codes, and regulations for work performed under this award.

FA-TC-0015.1-SURF

FEDERAL EXPORT CONTROL LAWS

The recipient will comply with all Federal Export Control laws, rules, and regulations which generally regulate the export of sensitive technologies, equipment, software, and related data and services such as: the Export Administration Act and Export Administration Regulations (“EAR”); the Atomic Energy Act of 1954; the Arms Export Control Act and the International Traffic in Arms Regulations (“ITAR”); and the Trading with the Enemy Act and the Foreign Asset Control Regulations.

FA-TC-0020A

NOTICE REGARDING THE PURCHASE OF AMERICAN-MADE EQUIPMENT AND PRODUCTS – SENSE OF CONGRESS

It is the sense of the Congress that, to the greatest extent practicable, all equipment and products purchased with funds made available under this award should be American-made.

FA-TC-0020B-CH

BUY AMERICAN REQUIREMENT FOR INFRASTRUCTURE PROJECTS

A. Definitions

Components are defined as the articles, materials, or supplies incorporated directly into the end manufactured product(s).

Construction Materials are an article, material, or supply—other than an item primarily of iron or steel; a manufactured product; cement and cementitious materials; aggregates such as stone, sand, or gravel; or aggregate binding agents or additives—that is used in an infrastructure project and is or consists primarily of non-ferrous metals, plastic and polymer-based products (including polyvinylchloride, composite building materials, and polymers used in fiber optic cables), glass (including optic glass), lumber, drywall, coatings (paints and stains), optical fiber, clay brick; composite building materials; or engineered wood products.

Domestic Content Procurement Preference Requirement- means a requirement that no amounts made available through a program for federal financial assistance may be obligated for an infrastructure project unless—

- (A) all iron and steel used in the project are produced in the United States;
- (B) the manufactured products used in the project are produced in the United States; or
- (C) the construction materials used in the project are produced in the United States. Also referred to as the Buy America Requirement.

Infrastructure includes, at a minimum, the structures, facilities, and equipment located in the United States, for: roads, highways, and bridges; public transportation; dams, ports, harbors, and other maritime facilities; intercity

passenger and freight railroads; freight and intermodal facilities; airports; water systems, including drinking water and wastewater systems; electrical transmission facilities and systems; utilities; broadband infrastructure; and buildings and real property; and generation, transportation, and distribution of energy -including electric vehicle (EV) charging. The term “infrastructure” should be interpreted broadly, and the definition provided above should be considered as illustrative and not exhaustive.

Manufactured Products are items used for an infrastructure project made up of components that are not primarily of iron or steel; construction materials; cement and cementitious materials’ aggregates such as stone, sand, or gravel; or aggregate binding agents or additives.

Primarily of iron or steel means greater than 50% iron or steel, measured by cost.

Project- means the construction, alteration, maintenance, or repair of infrastructure in the United States.

Public- The Buy America Requirement does not apply to non-public infrastructure projects. For purposes of this guidance, infrastructure should be considered “public” if it is: (1) publicly owned or (2) privately owned but utilized primarily for a public purpose. Infrastructure should be considered to be “utilized primarily for a public purpose” if it is privately operated on behalf of the public or is a place of public accommodation.

B. Buy America Requirement

None of the funds provided under this award (federal share or recipient cost-share) may be used for a public infrastructure project unless:

1. All iron and steel used in the project is produced in the United States—this means all manufacturing processes, from the initial melting stage through the application of coatings, occurred in the United States;
2. All manufactured products used in the project are produced in the United States—this means the manufactured product was manufactured in the United States; and the cost of the components of the manufactured product that are mined, produced, or manufactured in the United States is greater than 55 percent of the total cost of all components of the manufactured product, unless another standard for determining the minimum amount of domestic content of the manufactured product has been established under applicable law or regulation; and
3. All construction materials are manufactured in the United States—this means that all manufacturing processes for the construction material occurred in the United States.

The Buy America Requirement only applies to articles, materials, and supplies that are consumed in, incorporated into, or permanently affixed to an infrastructure project. As such, it does not apply to tools, equipment, and supplies, such as temporary scaffolding, brought into the construction site and removed at or before the completion of the infrastructure project. Nor does a Buy America Requirement apply to equipment and furnishings, such as movable chairs, desks, and portable computer equipment, that are used at or within the finished infrastructure project but are not an integral part of the structure or permanently affixed to the infrastructure project.

Recipients are responsible for administering their award in accordance with the terms and conditions, including the Buy America Requirement. The recipient must ensure that the Buy America Requirement flows down to all subawards and that the subawardees and subrecipients comply with the Buy America Requirement. The Buy America Requirement term and condition must be included all sub-awards, contracts, subcontracts, and purchase orders for work performed under the infrastructure project.

C. Certification of Compliance

Recipients must certify or provide equivalent documentation for proof of compliance that a good faith effort was made to solicit bids for domestic products used in the infrastructure project under this award.

Recipients must also maintain certifications or equivalent documentation for proof of compliance that those articles, materials, and supplies that are consumed in, incorporated into, affixed to, or otherwise used in the infrastructure project, not covered by a waiver or exemption, are produced in the United States. The certification or proof of compliance must be provided by the suppliers or manufacturers of the iron, steel, manufactured products and

construction materials and flow up from all subawardees, contractors and vendors to the recipient. Recipients must keep these certifications with the award/project files and be able to produce them upon request from DOE, auditors, or the Office of Inspector General.

D. Waivers

When necessary, recipients may apply for, and DOE may grant, a waiver from the Buy America Requirement. Requests to waive the application of the Buy America Requirement must be in writing to the Contracting Officer. Waiver requests are subject to review by DOE and the Office of Management and Budget, as well as a public comment period of no less than 15 calendar days.

Waivers must be based on one of the following justifications:

1. Public Interest- Applying the Buy America Requirement would be inconsistent with the public interest;
2. Non-Availability- The types of iron, steel, manufactured products, or construction materials are not produced in the United States in sufficient and reasonably available quantities or of a satisfactory quality; or
3. Unreasonable Cost- The inclusion of iron, steel, manufactured products, or construction materials produced in the United States will increase the cost of the overall project by more than 25 percent.

Requests to waive the Buy America Requirement must include the following:

- Waiver type (Public Interest, Non-Availability, or Unreasonable Cost);
- Recipient name and Unique Entity Identifier (UEI);
- Award information (Federal Award Identification Number, Assistance Listing number);
- A brief description of the project, its location, and the specific infrastructure involved;
- Total estimated project cost, with estimated federal share and recipient cost share breakdowns;
- Total estimated infrastructure costs, with estimated federal share and recipient cost share breakdowns;
- List and description of iron or steel item(s), manufactured goods, and/or construction material(s) the recipient seeks to waive from the Buy America Preference, including name, cost, quantity(ies), country(ies) of origin, and relevant Product Service Codes (PSC) and North American Industry Classification System (NAICS) codes for each;
- A detailed justification as to how the non-domestic item(s) is/are essential the project;
- A certification that the recipient made a good faith effort to solicit bids for domestic products supported by terms included in requests for proposals, contracts, and non- proprietary communications with potential suppliers;
- A justification statement—based on one of the applicable justifications outlined above— as to why the listed items cannot be procured domestically, including the due diligence performed (e.g., market research, industry outreach, cost analysis, cost-benefit analysis) by the recipient to attempt to avoid the need for a waiver. This justification may cite, if applicable, the absence of any Buy America-compliant bids received for domestic products in response to a solicitation; and
- Anticipated impact to the project if no waiver is issued.

The recipient should consider using the following principles as minimum requirements contained in their waiver request:

- Time-limited: Consider a waiver constrained principally by a length of time, rather than by the specific project/award to which it applies. Waivers of this type may be appropriate, for example, when an item that is “non-available” is widely used in the project. When requesting such a waiver, the Recipient should identify a reasonable, definite time frame (e.g., no more than one to two years) designed so that the waiver is reviewed to ensure the condition for the waiver (“non-availability”) has not changed (e.g., domestic supplies have become more available).
- Targeted: Waiver requests should apply only to the item(s), product(s), or material(s) or category(ies) of item(s), product(s), or material(s) as necessary and justified. Waivers should not be overly broad as this will undermine domestic preference policies.
- Conditional: The recipient may request a waiver with specific conditions that support the policies

of the Build America, Buy America provisions of the Infrastructure Investment and Jobs Act and Executive Order 14017.

DOE may request, and the recipient must provide, additional information for consideration of this waiver. DOE may reject or grant waivers in whole or in part depending on its review, analysis, and/or feedback from the Office of Management and Budget or the public. DOE's final determination regarding approval or rejection of the waiver request may not be appealed. Waiver requests may take up to 90 calendar days to process.

FA-TC-0020B-SURF

**BUY AMERICAN REQUIREMENT FOR INFRASTRUCTURE
PROJECTS GENERAL APPLICABILITY WAIVER**

With respect to Clause FA-TC-0020B-CH, BUY AMERICAN REQUIREMENT FOR INFRASTRUCTURE PROJECTS, the "De Minimis Waiver" and the "Minor Components Waiver" only of the attached "General Applicability Public Interest Waiver in Support of Operational Efficiency: Small Grants, De Minimis, and Minor Components under Build America, Buy America Provisions as Applied to Recipients of Department of Energy Federal Financial Assistance" are applicable to this award until the expiration date of the waiver, unless otherwise extended. The parameters of these waivers are described in the attached waiver document.

FA-TC-0023

**ENVIRONMENTAL, SAFETY AND HEALTH (ES&H) PERFORMANCE
OF WORK AT DOE FACILITIES**

With respect to the performance of any portion of the work under this award which is performed at a DOE-owned or controlled site, the recipient agrees to comply with all State and Federal ES&H regulations and with all other ES&H requirements of the operator of such site.

Prior to the performance on any work at a DOE-Owned or controlled site, the recipient shall contact the site facility manager for information on DOE and site specific ES&H requirements.

The recipient shall apply this term to its sub-recipients and contractors.

FA-TC-0031-CH (Modified)

**NATIONAL ENVIRONMENTAL POLICY ACT (NEPA)
REQUIREMENTS**

You are restricted from taking any action using Federal funds, which would have an adverse effect on the environment or limit the choice of reasonable alternatives prior to DOE/NNSA providing either a NEPA clearance or a final NEPA decision regarding this project.

FA-TC-0058

INDEMNITY

The Recipient shall indemnify the Government and its officers, agents, or employees for any and all liability, including litigation expenses and attorneys' fees, arising from suits, actions, or claims of any character for death, bodily injury, or loss of or damage to property or to the environment, resulting from the project, except to the extent that such liability results from the direct fault or negligence of Government officers, agents or employees, or to the extent such liability may be covered by applicable allowable costs provisions.

FA-TC-0065

LOBBYING RESTRICTIONS (MARCH 2012)

By accepting funds under this award, you agree that none of the funds obligated on the award shall be expended, directly or indirectly, to influence congressional action on any legislation or appropriation matters pending before Congress, other than to communicate to Members of Congress as described in 18 U.S.C. 1913. This restriction is in addition to those prescribed elsewhere in statute and regulation.

FA-TC-0072-CH

PROMOTING FREE SPEECH AND RELIGIOUS LIBERTY

States, local governments, or other public entities may not condition sub-awards in a manner that would discriminate, or disadvantage sub-recipients based on their religious character or discourage their freedom of speech.

FEDERAL TERMS AND CONDITIONS, CONT.

1. Equal Employment Opportunity – Compliance is required with E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11246 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Department of Labor."

2. Copeland "Anti-Kickback" Act (18 U.S.C. 874 and 40 U.S.C. 276c) - All contracts and subgrants in excess of \$2000 for construction or repair awarded by recipients and subrecipients require compliance with the Copeland "Anti-Kickback" Act (18 U.S.C. 874), as supplemented by Department of Labor regulations (29 CFR part 3, "Contractors and Subcontractors on Public Building or Public Work Financed in Whole or in Part by Loans or Grants from the United States"). The Act provides that each contractor or subrecipient shall be prohibited from inducing, by any means, any person employed in the construction, completion, or repair of public work, to give up any part of the compensation to which he is otherwise entitled. The recipient shall report all suspected or reported violations to the Federal awarding agency.

3. Davis-Bacon Act, as amended (40 U.S.C. 276a to a-7) - All construction contracts awarded by the recipients and subrecipients of more than \$2000 shall include a provision for compliance with the Davis-Bacon Act (40 U.S.C. 276a to a-7) and as supplemented by Department of Labor regulations (29 CFR part 5, "Labor Standards Provisions Applicable to Contracts Governing Federally Financed and Assisted Construction"). Under this Act, contractors shall be required to pay wages to laborers and mechanics at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. In addition, contractors shall be required to pay wages not less than once a week. The recipient shall place a copy of the current prevailing wage determination issued by the Department of Labor in each solicitation and the award of a contract shall be conditioned upon the acceptance of the wage determination. The recipient shall report all suspected or reported violations to the Federal awarding agency.

4. Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333) - Where applicable, all contracts awarded by recipients in excess of \$2000 for construction contracts and in excess of \$2500 for other contracts that involve the employment of mechanics or laborers shall include a provision for compliance with Sections 102 and 107 of the Contract Work Hours and Safety Standards Act (40 U.S.C. 327-333), as supplemented by Department of Labor regulations (29 CFR part 5). Under Section 102 of the Act, each contractor shall be required to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than 1 ½ times the basic rate of pay for all hours worked in excess of 40 hours in the work week. Section 107 of the Act is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions which are unsanitary, hazardous or dangerous. These requirements do not apply to the purchases of supplies or materials or articles ordinarily available on the open market, or contracts for transportation or transmission of intelligence.

5. Rights to Inventions Made Under a Contract or Agreement - Contracts or agreements for the performance of experimental, developmental, or research work shall provide for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and Small Business Firms Under Government Grants, Contracts and Cooperative Agreements," and any implementing regulations issued by the awarding agency.

6. Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act (33 U.S.C. 1251 et seq.), as amended - Contracts and subgrants of amounts in excess of \$100,000 require the recipient to agree to comply with all applicable standards, orders or regulations issued pursuant to the Clean Air Act (42 U.S.C. 7401 et seq.) and the Federal Water Pollution Control Act as amended (33 U.S.C. 1251 et seq.). Violations shall be reported to the Federal awarding agency and the Regional Office of the Environmental Protection Agency (EPA).

7. Byrd Anti-Lobbying Amendment (31 U.S.C. 1352) - Contractors who apply or bid for an award of \$100,000 or more shall file the required certification. Each tier certifies to the tier above that it will not and has not used Federal appropriated funds to pay any person or organization for influencing or attempting to influence an officer or employee of any agency, a member of Congress, officer or employee of Congress, or an employee of a member of

Congress in connection with obtaining any Federal contract, grant or any other award covered by 31 U.S.C. 1352. Each tier shall also disclose any lobbying with non-Federal funds that takes place in connection with obtaining any Federal award. Such disclosures are forwarded from tier to tier up to the recipient.

8. Debarment and Suspension (E.O.s 12549 and 12689) - No contract shall be made to parties listed on the General Services Administration's List of Parties Excluded from Federal Procurement or Nonprocurement Programs in accordance with E.O.s 12549 and 12689, "Debarment and Suspension." This list contains the names of parties debarred, suspended, or otherwise excluded by agencies, and contractors declared ineligible under statutory or regulatory authority other than E.O. 12549. Contractors with awards that exceed the small purchase threshold shall provide the required certification regarding its exclusion status and that of its principal employees.

EXHIBIT G & H

**ACKNOWLEDGEMENT OF RISK
AND
RELEASE, AGREEMENT NOT TO SUE WAIVER**

(Attached for reference only and to be signed in the presence of SDSTA personnel at the time of entering the underground property.)

**South Dakota Science and Technology Authority (SDSTA) at
Sanford Underground Research Facility (SURF)
ACKNOWLEDGEMENT OF RISK**

In consideration for being permitted to enter upon the property of the South Dakota Science and Technology Authority (referred to in this document as the “Authority”) located in and near Lead, South Dakota, including both the surface property and the underground workings and facilities owned by the Authority (referred to in this document as the “Authority’s Surface Property” or the “Authority’s Underground Property” and collectively, the “Authority’s Property”), which permission was granted at my request, I do hereby freely and knowingly state, declare, and agree as follows:

(Initial) _____ 1. I have independently investigated the risks to my health, life, and safety and the risks of damage to my property resulting from my entry, presence, and activities upon and in the Authority’s Property, including both the surface property and the underground property. Based upon that investigation, I have developed an informed understanding of the risks to me and my property resulting from my entry, presence, and activities upon either or both of the Authority’s Surface Property and the Authority’s Underground Property.

(Initial) _____ 2. Without limiting the generality of paragraph 1 above, I am aware that the Authority’s Surface Property is a former commercial mine which includes and contains heavy machinery, high-voltage electrical connections and conduits, open catwalks and other elevated walkways, apparent and hidden hazards of tripping or falling, industrial and mining chemicals and other agents, naturally-occurring minerals, naturally-occurring land and environmental conditions that are potentially hazardous, fully or partially reclaimed mine facilities (including, but not limited to, open pits, underground mine workings, process plants and waste rock areas), possible air-borne contaminants, high-pressure lines and vessels, falling or low-hanging items that present a risk of head injury and numerous other serious apparent, and unapparent risks to my health, life and safety and risks of damage to my property.

(Initial) _____ 3. Without limiting the generality of paragraph number 1 above, I am further aware that in addition to the risks associated with the Authority’s Surface Property described in paragraph 2 above, the Authority’s Underground Property is also a former commercial mine and it also includes and contains heavy machinery, high-voltage electrical connections, and conduits, open catwalks and other elevated walkways, underground mine workings, apparent and hidden hazards of tripping or falling, industrial and mining chemicals and agents, naturally-occurring minerals, naturally-occurring geologic and environmental conditions that are potentially hazardous, possible air-borne contaminants, high-pressure lines and vessels and falling or low-hanging rock or other items that present a risk of head injury. I am further aware that going underground involves a substantial risk of underground fires, underground floods, roof falls and collapse, failure of lifts, hoists and ventilation equipment, suffocation, being trapped, being crushed to death and numerous other serious apparent and unapparent risks to my health, life and safety, and risks of damage to my property.

**South Dakota Science and Technology Authority (SDSTA) at
Sanford Underground Research Facility (SURF)
ACKNOWLEDGEMENT OF RISK**

(Initial) ____ 4. I acknowledge I have the time, knowledge, and experience to make an intelligent choice concerning whether to assume the risks associated with my entry, and activities upon or in the Authority's Surface Property, the Authority's Underground Property, or both.

(Initial) ____ 5. I do hereby voluntarily, freely, and unconditionally assume any and all risk of damage to my health, personal injury, death, and damage to my property in any way associated with my entry, presence, or activities upon, in, or around Authority's Surface Property and the Authority's Underground Property.

(Initial) ____ 6. I acknowledge that I have been given a safety briefing or safety training, and I agree to abide by guidelines explained during that briefing or training.

(Initial) ____ 7. In the interest of safety and security, I agree that any person or property may be subject to inspection by Authority personnel at any time I am on Authority property.

(Initial) ____ 8. I acknowledge that my failure to comply with any applicable law, regulation, rule, or policy (including the guidelines explained during my safety briefing or safety training) is grounds for the Authority to immediately revoke my permission to enter Authority's Property, to order me to immediately leave the Authority's Property, and to deny me future access to the Authority's Property. I agree to immediately comply with all directions given by the Authority to me pursuant to this paragraph.

(Initial) ____ 9. I have been provided and have read and signed (or will sign), a document entitled "RELEASE, AGREEMENT NOT TO SUE AND WAIVER."

(Initial) ____ 10. I acknowledge that I have provided valid personal identification to Authority Personnel.

**South Dakota Science and Technology Authority (SDSTA) at
Sanford Underground Research Facility (SURF)
ACKNOWLEDGEMENT OF RISK**

I HAVE READ THIS ACKNOWLEDGEMENT OF RISK, CONSISTING OF THREE PAGES AND TEN NUMBERED PARAGRAPHS. I FULLY UNDERSTAND ITS TERMS AND THE RISKS DESCRIBED IN IT. I HAVE SIGNED IT FREELY AND VOLUNTARILY WITHOUT INDUCEMENT, ASSURANCE, OR GUARANTEE BEING MADE TO ME.

DATED this _____ day of _____, 20_____.

[PRINT NAME]

I HAVE READ THIS ACKNOWLEDGEMENT

[SIGNATURE]

I am requesting permission to enter the Authority’s property as an officer, agent, employee, consultant, scientific investigator, student, visitor, and I am otherwise affiliated with

_____.

FOR OFFICE USE ONLY:

Witnessed by: _____ Logged by: _____
[Print Name]

Witnessed by: _____ Date Logged: _____
[Signature]

Revision History

Rev	Date	Section	Paragraph	Summary of Change	Authorized by
01	1/24/2024	NA	NA	Initial Release	CCR 904

EXHIBIT I

WAGE DETERMINATION

"REGISTER OF WAGE DETERMINATIONS UNDER THE SERVICE CONTRACT ACT By direction of the Secretary of Labor		U.S. DEPARTMENT OF LABOR EMPLOYMENT STANDARDS ADMINISTRATION WAGE AND HOUR DIVISION WASHINGTON D.C. 20210
Daniel W. Simms Director	Division of Wage Determinations	Wage Determination No.: 2015-5377 Revision No.: 29 Date Of Last Revision: 07/08/2025

Note: Contracts subject to the Service Contract Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658.

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:	Executive Order 14026 generally applies to the contract. The contractor must pay all covered workers at least \$17.75 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.
If the contract was awarded on or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:	Executive Order 13658 generally applies to the contract. The contractor must pay all covered workers at least \$13.30 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2025.

The applicable Executive Order minimum wage rate will be adjusted annually. Additional information on contractor requirements and worker protections under the Executive Orders is available at www.dol.gov/whd/govcontracts.

State: South Dakota

Area: South Dakota Counties of Bennett, Butte, Corson, Dewey, Fall River, Gregory, Haakon, Harding, Jackson, Jones, Lawrence, Lyman, Mellette, Oglala Lakota, Perkins, Stanley, Todd, Tripp, Ziebach

****Fringe Benefits Required Follow the Occupational Listing****

OCCUPATION CODE - TITLE	FOOTNOTE	RATE
01000 - Administrative Support And Clerical Occupations		
01011 - Accounting Clerk I		16.71***
01012 - Accounting Clerk II		18.75
01013 - Accounting Clerk III		20.97
01020 - Administrative Assistant		23.80
01035 - Court Reporter		21.01
01041 - Customer Service Representative I		15.75***
01042 - Customer Service Representative II		17.19***
01043 - Customer Service Representative III		19.29
01051 - Data Entry Operator I		15.33***
01052 - Data Entry Operator II		16.73***
01060 - Dispatcher, Motor Vehicle		18.33
01070 - Document Preparation Clerk		16.73***
01090 - Duplicating Machine Operator		16.73***
01111 - General Clerk I		15.23***

01112 - General Clerk II	16.62***
01113 - General Clerk III	18.65
01120 - Housing Referral Assistant	23.41
01141 - Messenger Courier	13.63***
01191 - Order Clerk I	15.33***
01192 - Order Clerk II	16.73***
01261 - Personnel Assistant (Employment) I	18.78
01262 - Personnel Assistant (Employment) II	21.01
01263 - Personnel Assistant (Employment) III	23.41
01270 - Production Control Clerk	23.41
01290 - Rental Clerk	17.03***
01300 - Scheduler, Maintenance	18.78
01311 - Secretary I	18.78
01312 - Secretary II	21.01
01313 - Secretary III	23.41
01320 - Service Order Dispatcher	16.38***
01410 - Supply Technician	23.80
01420 - Survey Worker	18.59
01460 - Switchboard Operator/Receptionist	17.17***
01531 - Travel Clerk I	15.85***
01532 - Travel Clerk II	16.50***
01533 - Travel Clerk III	19.25
01611 - Word Processor I	16.73***
01612 - Word Processor II	18.78
01613 - Word Processor III	21.01
05000 - Automotive Service Occupations	
05005 - Automobile Body Repairer, Fiberglass	26.61
05010 - Automotive Electrician	21.53
05040 - Automotive Glass Installer	20.20
05070 - Automotive Worker	20.20
05110 - Mobile Equipment Servicer	17.58***
05130 - Motor Equipment Metal Mechanic	22.83
05160 - Motor Equipment Metal Worker	20.20
05190 - Motor Vehicle Mechanic	22.83
05220 - Motor Vehicle Mechanic Helper	16.28***
05250 - Motor Vehicle Upholstery Worker	18.87
05280 - Motor Vehicle Wrecker	20.20
05310 - Painter, Automotive	21.53
05340 - Radiator Repair Specialist	20.20
05370 - Tire Repairer	17.32***
05400 - Transmission Repair Specialist	22.83
07000 - Food Preparation And Service Occupations	
07010 - Baker	16.49***
07041 - Cook I	16.62***
07042 - Cook II	19.09
07070 - Dishwasher	12.57***
07130 - Food Service Worker	14.00***
07210 - Meat Cutter	17.25***
07260 - Waiter/Waitress	13.25***
09000 - Furniture Maintenance And Repair Occupations	
09010 - Electrostatic Spray Painter	25.42
09040 - Furniture Handler	16.65***
09080 - Furniture Refinisher	25.42
09090 - Furniture Refinisher Helper	19.85
09110 - Furniture Repairer, Minor	23.02
09130 - Upholsterer	25.42
11000 - General Services And Support Occupations	
11030 - Cleaner, Vehicles	15.00***
11060 - Elevator Operator	16.29***
11090 - Gardener	18.73
11122 - Housekeeping Aide	16.29***
11150 - Janitor	16.29***
11210 - Laborer, Grounds Maintenance	14.55***
11240 - Maid or Houseman	13.63***
11260 - Pruner	13.10***

11270 - Tractor Operator	17.35***
11330 - Trail Maintenance Worker	14.55***
11360 - Window Cleaner	18.10
12000 - Health Occupations	
12010 - Ambulance Driver	19.20
12011 - Breath Alcohol Technician	21.75
12012 - Certified Occupational Therapist Assistant	29.84
12015 - Certified Physical Therapist Assistant	25.89
12020 - Dental Assistant	22.66
12025 - Dental Hygienist	39.72
12030 - EKG Technician	32.95
12035 - Electroneurodiagnostic Technologist	32.95
12040 - Emergency Medical Technician	19.20
12071 - Licensed Practical Nurse I	19.44
12072 - Licensed Practical Nurse II	21.75
12073 - Licensed Practical Nurse III	24.24
12100 - Medical Assistant	18.43
12130 - Medical Laboratory Technician	28.28
12160 - Medical Record Clerk	23.06
12190 - Medical Record Technician	25.79
12195 - Medical Transcriptionist	21.01
12210 - Nuclear Medicine Technologist	47.79
12221 - Nursing Assistant I	12.95***
12222 - Nursing Assistant II	14.58***
12223 - Nursing Assistant III	15.91***
12224 - Nursing Assistant IV	17.85
12235 - Optical Dispenser	18.06
12236 - Optical Technician	19.44
12250 - Pharmacy Technician	21.31
12280 - Phlebotomist	19.44
12305 - Radiologic Technologist	35.30
12311 - Registered Nurse I	26.48
12312 - Registered Nurse II	32.38
12313 - Registered Nurse II, Specialist	32.38
12314 - Registered Nurse III	39.17
12315 - Registered Nurse III, Anesthetist	39.17
12316 - Registered Nurse IV	46.96
12317 - Scheduler (Drug and Alcohol Testing)	26.94
12320 - Substance Abuse Treatment Counselor	25.74
13000 - Information And Arts Occupations	
13011 - Exhibits Specialist I	16.11***
13012 - Exhibits Specialist II	19.95
13013 - Exhibits Specialist III	24.40
13041 - Illustrator I	16.11***
13042 - Illustrator II	19.95
13043 - Illustrator III	24.40
13047 - Librarian	22.10
13050 - Library Aide/Clerk	12.83***
13054 - Library Information Technology Systems Administrator	19.95
13058 - Library Technician	14.09***
13061 - Media Specialist I	14.40***
13062 - Media Specialist II	16.11***
13063 - Media Specialist III	17.95
13071 - Photographer I	14.40***
13072 - Photographer II	16.11***
13073 - Photographer III	19.95
13074 - Photographer IV	24.40
13075 - Photographer V	29.53
13090 - Technical Order Library Clerk	16.11***
13110 - Video Teleconference Technician	14.40***
14000 - Information Technology Occupations	
14041 - Computer Operator I	16.05***
14042 - Computer Operator II	17.95
14043 - Computer Operator III	20.50

14044 - Computer Operator IV	22.24
14045 - Computer Operator V	27.05
14071 - Computer Programmer I (see 1)	21.33
14072 - Computer Programmer II (see 1)	26.41
14073 - Computer Programmer III (see 1)	
14074 - Computer Programmer IV (see 1)	
14101 - Computer Systems Analyst I (see 1)	
14102 - Computer Systems Analyst II (see 1)	
14103 - Computer Systems Analyst III (see 1)	
14150 - Peripheral Equipment Operator	16.05***
14160 - Personal Computer Support Technician	26.10
14170 - System Support Specialist	28.90
15000 - Instructional Occupations	
15010 - Aircrew Training Devices Instructor (Non-Rated)	32.83
15020 - Aircrew Training Devices Instructor (Rated)	39.72
15030 - Air Crew Training Devices Instructor (Pilot)	47.61
15050 - Computer Based Training Specialist / Instructor	32.83
15060 - Educational Technologist	31.16
15070 - Flight Instructor (Pilot)	47.61
15080 - Graphic Artist	18.88
15085 - Maintenance Test Pilot, Fixed, Jet/Prop	47.61
15086 - Maintenance Test Pilot, Rotary Wing	47.61
15088 - Non-Maintenance Test/Co-Pilot	47.61
15090 - Technical Instructor	23.60
15095 - Technical Instructor/Course Developer	28.86
15110 - Test Proctor	19.04
15120 - Tutor	19.04
16000 - Laundry, Dry-Cleaning, Pressing And Related Occupations	
16010 - Assembler	13.02***
16030 - Counter Attendant	13.02***
16040 - Dry Cleaner	14.87***
16070 - Finisher, Flatwork, Machine	13.02***
16090 - Presser, Hand	13.02***
16110 - Presser, Machine, Drycleaning	13.02***
16130 - Presser, Machine, Shirts	13.02***
16160 - Presser, Machine, Wearing Apparel, Laundry	13.02***
16190 - Sewing Machine Operator	15.49***
16220 - Tailor	16.10***
16250 - Washer, Machine	13.64***
19000 - Machine Tool Operation And Repair Occupations	
19010 - Machine-Tool Operator (Tool Room)	26.75
19040 - Tool And Die Maker	33.19
21000 - Materials Handling And Packing Occupations	
21020 - Forklift Operator	21.33
21030 - Material Coordinator	24.73
21040 - Material Expediter	24.73
21050 - Material Handling Laborer	15.77***
21071 - Order Filler	15.11***
21080 - Production Line Worker (Food Processing)	21.33
21110 - Shipping Packer	18.22
21130 - Shipping/Receiving Clerk	18.22
21140 - Store Worker I	14.10***
21150 - Stock Clerk	19.12
21210 - Tools And Parts Attendant	21.33
21410 - Warehouse Specialist	21.33
23000 - Mechanics And Maintenance And Repair Occupations	
23010 - Aerospace Structural Welder	30.01
23019 - Aircraft Logs and Records Technician	23.45
23021 - Aircraft Mechanic I	28.37
23022 - Aircraft Mechanic II	30.01
23023 - Aircraft Mechanic III	31.64
23040 - Aircraft Mechanic Helper	20.23
23050 - Aircraft, Painter	26.75
23060 - Aircraft Servicer	23.45
23070 - Aircraft Survival Flight Equipment Technician	26.75

23080 - Aircraft Worker	25.09
23091 - Aircrew Life Support Equipment (ALSE) Mechanic I	25.09
23092 - Aircrew Life Support Equipment (ALSE) Mechanic II	28.37
23110 - Appliance Mechanic	26.75
23120 - Bicycle Repairer	21.84
23125 - Cable Splicer	44.07
23130 - Carpenter, Maintenance	19.78
23140 - Carpet Layer	25.09
23160 - Electrician, Maintenance	26.94
23181 - Electronics Technician Maintenance I	25.09
23182 - Electronics Technician Maintenance II	26.75
23183 - Electronics Technician Maintenance III	28.37
23260 - Fabric Worker	23.45
23290 - Fire Alarm System Mechanic	28.37
23310 - Fire Extinguisher Repairer	21.84
23311 - Fuel Distribution System Mechanic	37.49
23312 - Fuel Distribution System Operator	29.28
23370 - General Maintenance Worker	22.27
23380 - Ground Support Equipment Mechanic	28.37
23381 - Ground Support Equipment Servicer	23.45
23382 - Ground Support Equipment Worker	25.09
23391 - Gunsmith I	21.84
23392 - Gunsmith II	25.09
23393 - Gunsmith III	28.37
23410 - Heating, Ventilation And Air-Conditioning Mechanic	24.38
23411 - Heating, Ventilation And Air Contidioning Mechanic (Research Facility)	25.79
23430 - Heavy Equipment Mechanic	32.59
23440 - Heavy Equipment Operator	24.41
23460 - Instrument Mechanic	28.37
23465 - Laboratory/Shelter Mechanic	26.75
23470 - Laborer	15.77***
23510 - Locksmith	26.75
23530 - Machinery Maintenance Mechanic	32.57
23550 - Machinist, Maintenance	28.37
23580 - Maintenance Trades Helper	20.23
23591 - Metrology Technician I	28.37
23592 - Metrology Technician II	30.01
23593 - Metrology Technician III	31.64
23640 - Millwright	28.37
23710 - Office Appliance Repairer	26.75
23760 - Painter, Maintenance	22.29
23790 - Pipefitter, Maintenance	24.70
23810 - Plumber, Maintenance	23.29
23820 - Pneudraulic Systems Mechanic	28.37
23850 - Rigger	28.37
23870 - Scale Mechanic	25.09
23890 - Sheet-Metal Worker, Maintenance	28.37
23910 - Small Engine Mechanic	25.09
23931 - Telecommunications Mechanic I	30.18
23932 - Telecommunications Mechanic II	31.93
23950 - Telephone Lineman	24.96
23960 - Welder, Combination, Maintenance	22.19
23965 - Well Driller	28.37
23970 - Woodcraft Worker	28.37
23980 - Woodworker	21.84
24000 - Personal Needs Occupations	
24550 - Case Manager	18.44
24570 - Child Care Attendant	13.16***
24580 - Child Care Center Clerk	16.41***
24610 - Chore Aide	17.66***
24620 - Family Readiness And Support Services	18.44

Coordinator	
24630 - Homemaker	18.44
25000 - Plant And System Operations Occupations	
25010 - Boiler Tender	26.51
25040 - Sewage Plant Operator	23.61
25070 - Stationary Engineer	26.51
25190 - Ventilation Equipment Tender	18.90
25210 - Water Treatment Plant Operator	23.61
27000 - Protective Service Occupations	
27004 - Alarm Monitor	21.19
27007 - Baggage Inspector	16.73***
27008 - Corrections Officer	21.87
27010 - Court Security Officer	22.34
27030 - Detection Dog Handler	18.71
27040 - Detention Officer	21.87
27070 - Firefighter	23.19
27101 - Guard I	16.73***
27102 - Guard II	18.71
27131 - Police Officer I	23.69
27132 - Police Officer II	26.33
28000 - Recreation Occupations	
28041 - Carnival Equipment Operator	17.90
28042 - Carnival Equipment Repairer	19.33
28043 - Carnival Worker	13.52***
28210 - Gate Attendant/Gate Tender	23.46
28310 - Lifeguard	13.98***
28350 - Park Attendant (Aide)	26.24
28510 - Recreation Aide/Health Facility Attendant	19.15
28515 - Recreation Specialist	32.50
28630 - Sports Official	20.90
28690 - Swimming Pool Operator	22.21
29000 - Stevedoring/Longshoremen Occupational Services	
29010 - Blocker And Bracer	25.09
29020 - Hatch Tender	25.09
29030 - Line Handler	25.09
29041 - Stevedore I	23.45
29042 - Stevedore II	26.75
30000 - Technical Occupations	
30010 - Air Traffic Control Specialist, Center (HFO) (see 2)	46.07
30011 - Air Traffic Control Specialist, Station (HFO) (see 2)	31.77
30012 - Air Traffic Control Specialist, Terminal (HFO) (see 2)	34.99
30021 - Archeological Technician I	15.52***
30022 - Archeological Technician II	17.37***
30023 - Archeological Technician III	21.51
30030 - Cartographic Technician	21.51
30040 - Civil Engineering Technician	26.62
30051 - Cryogenic Technician I	23.83
30052 - Cryogenic Technician II	26.32
30061 - Drafter/CAD Operator I	15.52***
30062 - Drafter/CAD Operator II	17.37***
30063 - Drafter/CAD Operator III	19.36
30064 - Drafter/CAD Operator IV	23.83
30081 - Engineering Technician I	13.83***
30082 - Engineering Technician II	15.52***
30083 - Engineering Technician III	17.37***
30084 - Engineering Technician IV	21.51
30085 - Engineering Technician V	26.32
30086 - Engineering Technician VI	31.84
30090 - Environmental Technician	20.79
30095 - Evidence Control Specialist	21.51
30210 - Laboratory Technician	19.36
30221 - Latent Fingerprint Technician I	23.83
30222 - Latent Fingerprint Technician II	26.32
30240 - Mathematical Technician	21.51
30361 - Paralegal/Legal Assistant I	23.39

30362 - Paralegal/Legal Assistant II	28.97
30363 - Paralegal/Legal Assistant III	35.43
30364 - Paralegal/Legal Assistant IV	42.87
30375 - Petroleum Supply Specialist	26.32
30390 - Photo-Optics Technician	20.20
30395 - Radiation Control Technician	26.32
30461 - Technical Writer I	21.51
30462 - Technical Writer II	26.32
30463 - Technical Writer III	31.84
30491 - Unexploded Ordnance (UXO) Technician I	29.28
30492 - Unexploded Ordnance (UXO) Technician II	35.43
30493 - Unexploded Ordnance (UXO) Technician III	42.46
30494 - Unexploded (UXO) Safety Escort	29.28
30495 - Unexploded (UXO) Sweep Personnel	29.28
30501 - Weather Forecaster I	23.83
30502 - Weather Forecaster II	28.99
30620 - Weather Observer, Combined Upper Air Or	(see 2) 19.36
Surface Programs	
30621 - Weather Observer, Senior	(see 2) 21.51
31000 - Transportation/Mobile Equipment Operation Occupations	
31010 - Airplane Pilot	35.43
31020 - Bus Aide	15.72***
31030 - Bus Driver	21.72
31043 - Driver Courier	19.13
31260 - Parking and Lot Attendant	14.44***
31290 - Shuttle Bus Driver	17.23***
31310 - Taxi Driver	14.24***
31361 - Truckdriver, Light	20.66
31362 - Truckdriver, Medium	22.18
31363 - Truckdriver, Heavy	25.00
31364 - Truckdriver, Tractor-Trailer	25.00
99000 - Miscellaneous Occupations	
99020 - Cabin Safety Specialist	17.27***
99030 - Cashier	13.81***
99050 - Desk Clerk	14.18***
99095 - Embalmer	28.73
99130 - Flight Follower	29.28
99251 - Laboratory Animal Caretaker I	15.55***
99252 - Laboratory Animal Caretaker II	16.80***
99260 - Marketing Analyst	27.80
99310 - Mortician	28.73
99410 - Pest Controller	24.10
99510 - Photofinishing Worker	15.39***
99710 - Recycling Laborer	17.55***
99711 - Recycling Specialist	20.92
99730 - Refuse Collector	15.80***
99810 - Sales Clerk	16.78***
99820 - School Crossing Guard	15.70***
99830 - Survey Party Chief	23.08
99831 - Surveying Aide	14.86***
99832 - Surveying Technician	19.33
99840 - Vending Machine Attendant	14.62***
99841 - Vending Machine Repairer	18.14
99842 - Vending Machine Repairer Helper	14.62***

***Workers in this classification may be entitled to a higher minimum wage under Executive Order 14026 (\$17.75 per hour) or 13658 (\$13.30 per hour). Please see the Note at the top of the wage determination for more information. Please also note that the minimum wage requirements of Executive Order 14026 and 13658 are not currently being enforced as to contracts or contract-like instruments entered into with the federal government in connection with seasonal recreational services or

seasonal recreational equipment rental for the general public on federal lands. The minimum wage requirements of Executive Order 14026 also are not currently being enforced as to any contract or subcontract to which the states of Texas, Louisiana, or Mississippi, including their agencies, are a party.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors, applies to all contracts subject to the Service Contract Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is the victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at www.dol.gov/whd/govcontracts.

ALL OCCUPATIONS LISTED ABOVE RECEIVE THE FOLLOWING BENEFITS:

HEALTH & WELFARE: \$5.55 per hour, up to 40 hours per week, or \$222.00 per week or \$962.00 per month

HEALTH & WELFARE EO 13706: \$5.09 per hour, up to 40 hours per week, or \$203.60 per week, or \$882.27 per month*

*This rate is to be used only when compensating employees for performance on an SCA-covered contract also covered by EO 13706, Establishing Paid Sick Leave for Federal Contractors. A contractor may not receive credit toward its SCA obligations for any paid sick leave provided pursuant to EO 13706.

VACATION: 2 weeks paid vacation after 1 year of service with a contractor or successor, 3 weeks after 10 years, and 4 weeks after 15 years. Length of service includes the whole span of continuous service with the present contractor or successor, wherever employed, and with the predecessor contractors in the performance of similar work at the same Federal facility. (See 29 CFR 4.173)

HOLIDAYS: A minimum of eleven paid holidays per year: New Year's Day, Martin Luther King Jr.'s Birthday, Washington's Birthday, Memorial Day, Juneteenth National Independence Day, Independence Day, Labor Day, Columbus Day, Veterans' Day, Thanksgiving Day, and Christmas Day. (A contractor may substitute for any of the named holidays another day off with pay in accordance with a plan communicated to the employees involved.) (See 29 CFR 4.174)

THE OCCUPATIONS WHICH HAVE NUMBERED FOOTNOTES IN PARENTHESES RECEIVE THE FOLLOWING:

1) COMPUTER EMPLOYEES: This wage determination does not apply to any individual employed in a bona fide executive, administrative, or professional capacity, as defined in 29 C.F.R. Part 541. (See 41 C.F.R. 6701(3)). Because most Computer Systems Analysts and Computer Programmers who are paid at least \$27.63 per hour (or at least \$684 per week if paid on a salary or fee basis) likely qualify as exempt computer professionals under 29 U.S.C. 213(a)(1) and 29 U.S.C. 213(a)(17), this wage determination may not include wage rates for all occupations within those job families. In such instances, a conformance will be necessary if there are nonexempt employees in these job families working on the contract.

Job titles vary widely and change quickly in the computer industry, and are not determinative of whether an employee is an exempt computer professional. To be exempt, computer employees who satisfy the compensation requirements must also have a primary duty that consists of:

- (1) The application of systems analysis techniques and procedures, including

consulting with users, to determine hardware, software or system functional specifications;

(2) The design, development, documentation, analysis, creation, testing or modification of computer systems or programs, including prototypes, based on and related to user or system design specifications;

(3) The design, documentation, testing, creation or modification of computer programs related to machine operating systems; or

(4) A combination of the aforementioned duties, the performance of which requires the same level of skills. (29 C.F.R. 541.400).

Any computer employee who meets the applicable compensation requirements and the above duties test qualifies as an exempt computer professional under both section 13(a)(1) and section 13(a)(17) of the Fair Labor Standards Act. (Field Assistance Bulletin No. 2006-3 (Dec. 14, 2006)). Accordingly, this wage determination will not apply to any exempt computer employee regardless of which of these two exemptions is utilized.

2) AIR TRAFFIC CONTROLLERS AND WEATHER OBSERVERS - NIGHT PAY & SUNDAY PAY: If you work at night as part of a regular tour of duty, you will earn a night differential and receive an additional 10% of basic pay for any hours worked between 6pm and 6am. If you are a full-time employed (40 hours a week) and Sunday is part of your regularly scheduled workweek, you are paid at your rate of basic pay plus a Sunday premium of 25% of your basic rate for each hour of Sunday work which is not overtime (i.e. occasional work on Sunday outside the normal tour of duty is considered overtime work).

** HAZARDOUS PAY DIFFERENTIAL **

An 8 percent differential is applicable to employees employed in a position that represents a high degree of hazard when working with or in close proximity to ordnance, explosives, and incendiary materials. This includes work such as screening, blending, dying, mixing, and pressing of sensitive ordnance, explosives, and pyrotechnic compositions such as lead azide, black powder and photoflash powder.

All dry-house activities involving propellants or explosives. Demilitarization, modification, renovation, demolition, and maintenance operations on sensitive ordnance, explosives and incendiary materials. All operations involving re-grading and cleaning of artillery ranges.

A 4 percent differential is applicable to employees employed in a position that represents a low degree of hazard when working with, or in close proximity to ordnance, (or employees possibly adjacent to) explosives and incendiary materials which involves potential injury such as laceration of hands, face, or arms of the employee engaged in the operation, irritation of the skin, minor burns and the like; minimal damage to immediate or adjacent work area or equipment being used. All operations involving, unloading, storage, and hauling of ordnance, explosive, and incendiary ordnance material other than small arms ammunition. These differentials are only applicable to work that has been specifically designated by the agency for ordnance, explosives, and incendiary material differential pay.

** UNIFORM ALLOWANCE **

If employees are required to wear uniforms in the performance of this contract (either by the terms of the Government contract, by the employer, by the state or local law, etc.), the cost of furnishing such uniforms and maintaining (by laundering or dry cleaning) such uniforms is an expense that may not be borne by an employee where such cost reduces the hourly rate below that required by the wage determination. The Department of Labor will accept payment in accordance with the following standards as compliance:

The contractor or subcontractor is required to furnish all employees with an adequate number of uniforms without cost or to reimburse employees for the actual

cost of the uniforms. In addition, where uniform cleaning and maintenance is made the responsibility of the employee, all contractors and subcontractors subject to this wage determination shall (in the absence of a bona fide collective bargaining agreement providing for a different amount, or the furnishing of contrary affirmative proof as to the actual cost), reimburse all employees for such cleaning and maintenance at a rate of \$3.35 per week (or \$.67 cents per day). However, in those instances where the uniforms furnished are made of "wash and wear" materials, may be routinely washed and dried with other personal garments, and do not require any special treatment such as dry cleaning, daily washing, or commercial laundering in order to meet the cleanliness or appearance standards set by the terms of the Government contract, by the contractor, by law, or by the nature of the work, there is no requirement that employees be reimbursed for uniform maintenance costs.

**** SERVICE CONTRACT ACT DIRECTORY OF OCCUPATIONS ****

The duties of employees under job titles listed are those described in the "Service Contract Act Directory of Occupations", Fifth Edition (Revision 1), dated September 2015, unless otherwise indicated.

**** REQUEST FOR AUTHORIZATION OF ADDITIONAL CLASSIFICATION AND WAGE RATE, Standard Form 1444 (SF-1444) ****

Conformance Process:

The contracting officer shall require that any class of service employee which is not listed herein and which is to be employed under the contract (i.e., the work to be performed is not performed by any classification listed in the wage determination), be classified by the contractor so as to provide a reasonable relationship (i.e., appropriate level of skill comparison) between such unlisted classifications and the classifications listed in the wage determination (See 29 CFR 4.6(b)(2)(i)). Such conforming procedures shall be initiated by the contractor prior to the performance of contract work by such unlisted class(es) of employees (See 29 CFR 4.6(b)(2)(ii)). The Wage and Hour Division shall make a final determination of conformed classification, wage rate, and/or fringe benefits which shall be paid to all employees performing in the classification from the first day of work on which contract work is performed by them in the classification. Failure to pay such unlisted employees the compensation agreed upon by the interested parties and/or fully determined by the Wage and Hour Division retroactive to the date such class of employees commenced contract work shall be a violation of the Act and this contract. (See 29 CFR 4.6(b)(2)(v)). When multiple wage determinations are included in a contract, a separate SF-1444 should be prepared for each wage determination to which a class(es) is to be conformed.

The process for preparing a conformance request is as follows:

- 1) When preparing the bid, the contractor identifies the need for a conformed occupation(s) and computes a proposed rate(s).
- 2) After contract award, the contractor prepares a written report listing in order the proposed classification title(s), a Federal grade equivalency (FGE) for each proposed classification(s), job description(s), and rationale for proposed wage rate(s), including information regarding the agreement or disagreement of the authorized representative of the employees involved, or where there is no authorized representative, the employees themselves. This report should be submitted to the contracting officer no later than 30 days after such unlisted class(es) of employees performs any contract work.
- 3) The contracting officer reviews the proposed action and promptly submits a report of the action, together with the agency's recommendations and pertinent information including the position of the contractor and the employees, to the U.S. Department of Labor, Wage and Hour Division, for review (See 29 CFR 4.6(b)(2)(ii)).
- 4) Within 30 days of receipt, the Wage and Hour Division approves, modifies, or disapproves the action via transmittal to the agency contracting officer, or notifies the contracting officer that additional time will be required to process

the request.

5) The contracting officer transmits the Wage and Hour Division's decision to the contractor.

6) Each affected employee shall be furnished by the contractor with a written copy of such determination or it shall be posted as a part of the wage determination (See 29 CFR 4.6(b)(2)(iii)).

Information required by the Regulations must be submitted on SF-1444 or bond paper.

When preparing a conformance request, the ""Service Contract Act Directory of Occupations"" should be used to compare job definitions to ensure that duties requested are not performed by a classification already listed in the wage determination. Remember, it is not the job title, but the required tasks that determine whether a class is included in an established wage determination. Conformances may not be used to artificially split, combine, or subdivide classifications listed in the wage determination (See 29 CFR 4.152(c)(1))."

EXHIBIT J

PAYMENT AND PERFORMANCE BOND