EXHIBIT A

FOR SUBCONTRACTOR SAFETY OTHER THAN CONSTRUCTION

Title of Scope of Work: Cathodic Protection Maintenance Services

The Subcontractor shall coordinate work schedules, site access, and resolution of technical issues with their assigned Point of Contact or Service Coordinator/Task Manager:

Name: Mandy Hoskins
Phone 630-659-8915
Email: ahoskins @fnal.gov

Specific training and exemptions
List additional training/exemptions, if appropriate

In reference to Section 2.2, this subcontract will require the Subcontractor to submit an ES&H Program.

Table of Contents

Section 1 – Scope of Work & Coordination
- 1.1 Environment, Safety, and Health (ES&H) Coordinator
- 1.2 Point of Contact
- 1.3 Service Coordinator (SC)
- 1.4 Task Manager (TM)
- 1.5 References
- 1.6 Enforcement
- 1.7 Subcontractor & ES&H Certificate
- 1.8 Concern Reporting Process
- 1.9 Bulletin Board
- 1.10 Subcontractor's Competent Person
- 1.11 Work Completion and Clean-up
- 1.12 Experience Modification Rate (EMR)

Section 2 – Subcontractor's ES&H Program
- 2.1 Responsibility
- 2.2 Environment, Safety, & Health
- 2.3 Hazard Analysis
- 2.4 Stop Work Activity

Section 3 – Reporting & Training Requirements
- 3.1 Emergencies Response and Reporting
- 3.2 Subcontractor Safety & Health Records
- 3.3 Subcontractor Training

Section 4 – Work Site Conditions
- 4.1 Site Access
- 4.2 Permits
- 4.3 Electrical Power
- 4.4 Transportation of Equipment and Materials
- 4.5 Access and Traffic Ways
- 4.6 Temporary Heat
- 4.7 Temporary Lighting and Ventilation
- 4.8 Water and Sanitation
- 4.9 Hazardous Material
- 4.10 Confined Work Space
- 4.11 Fall Protection
- 4.12 Ordinary & Critical Lift Operations
- 4.13 Work on Existing Utilities
- 4.14 Excavation
- 4.15 Personal Protective Equipment (PPE)
- 4.16 Burning/Welding/Brazing/Spark Producing
- 4.17 Open Burning, Fire Barrels, Coal or Kerosene Type Salamanders
- 4.18 Electrical Work & Controlling Hazardous Energy
- 4.19 Oxygen Deficient Hazards
- 4.20 Radiation Protection
- 4.21 Environmental Protection
- 4.22 Smoking
- 4.23 Drug and Alcohol-Free Workplace
- 4.24 Fuel Storage Tanks
- 4.25 Explosives
- 4.26 Vehicles and Equipment
- 4.27 Jobsite Housekeeping
- 4.28 Fermilab Closures

Attachment A – Silica Guidance
Attachment B – High Hazard / Off Hours Work
Attachment C – ES&H Plan Certificate

1.0 SCOPE OF WORK & COORDINATION

1.1 Environment, Safety, and Health (ES&H) Coordinator

A Fermi Forward Discovery Group, LLC (FFDG) employee assigned as the responsible person for ES&H guidance, periodic site visits, supporting the Service Coordinator (SC) or Task Manager (TM), and providing oversight of the Subcontractor's safety program. The ES&H Coordinator reviews the Hazard Analyses and training documentation for on-going work activities and brings any noted deficiencies to the attention of the SC/TM for follow up with the Subcontractor.

1.2 Point of Contact (POC)

A FFDG Point of Contact shall be the first line of contact with the Subcontractor's field personnel. He/she is responsible for auditing to ensure that the Subcontractor is following established and accepted ES&H practices while on site. Point of Contact is only assigned for low risk work activities that do not require a written job specific Hazard Analysis.

1.3 Service Coordinator (SC)

A FFDG Service Coordinator will be assigned for Subcontractor work involving work activities with potential risk. When assigned, the FFDG SC shall be the first line of contact with the Subcontractor's field personnel and is responsible for auditing to ensure that the Subcontractor is following established and accepted ES&H practices while on site. Service Coordinators are assigned when a written job specific Hazard Analysis is required except for construction related tasks.

1.4 Task Manager (TM)

A FFDG representative responsible for ensuring the work being performed conforms to the subcontract technical requirements and is responsible for the review and coordination of work planning documentation to be submitted for review, including hazard analyses. When assigned, the FFDG TM is the primary point of contact with the subcontractor. Task Managers are typically responsible for construction related tasks/repairs that require a written job specific Hazard Analysis.

1.5 References

The Subcontractor and sub-tiered contractors shall comply with the following reference documents. The publications referenced herein, form a part of this Exhibit and subcontract documents.

a. Fermilab ES&H Manual http://eshq.fnal.gov/manuals
b. 10 Code of Federal Regulations (CFR) 851, Department of Energy (DOE) Worker Safety and Health Program
c. 10 CFR 835, Occupational Radiation Protection
d. 10 CFR 860, Trespass to Land Owned & Leased by the US Government
e. 10 CFR 708, DOE Contractor Employee Protection Program
f. 10 CFR 708, DOE Contractor Employee Protection Program
g. 29 CFR 1904, Record Keeping Guidelines for Occupational Injuries and Illnesses
h. 29 CFR, 1910, Occupational Safety and Health General Industry Standards
i. 29 CFR 1926, Occupational Safety and Health Standards for Construction
j. 40 CFR Protection of the Environment (USA EPA)
k. 49 CFR Transportation
l. 35 IAC Illinois Environmental Protection (Illinois EPA)
m. Illinois State "Rules of the Road" and Vehicle Code
n. US Department of Energy Orders/Standards
    i. DOE Order 442.1A, Department of Energy Employee Concerns Program
    ii. DOE Standard 1090, Hoisting & Rigging, 2020
o. National Fire Protection Association (NFPA) codes and standards
    i. NFPA 70E, Standard for Electrical Safety in the Workplace, 2015
    ii. NFPA 70, National Electrical Code, 2017
p. American Conference of Governmental Industrial Hygienists (ACGIH), "Threshold Limit Values for Chemical Substances and Physical Agents and Biological Exposure Indices, 2016. TLVs are lower than the Permissible Exposure Limits (PELs) in 29 CFR 1910 and 29 CFR 1926. TLVs shall be used in lieu of PELs.
q. U.S. Food and Drug Administration. (2017). Food

Code 2017

r. American Society of Mechanical Engineers:
   i. ASME Boiler and Pressure Codes (BPVC)
   ii. ASME B30 Series, Crane Safety
   iii. ASME B31, Standards of Pressure Piping

s. American National Standards Institute (ANSI):
   i. ANSI Z136.1 Safe Use of Lasers

t. 10 CFR 707, Workplace Substance Abuse Programs at DOE Sites

1.6 Enforcement

The describe form requires the Subcontractor acknowledgment and certification of an ES&H program commensurate with the complexity and nature of the work activities. Subcontractor(s) working on Fermi National Accelerator Laboratory (Fermilab) are subject to DOE civil penalties or contract fee reductions for noncompliance, in accordance with 10 CFR 851 and 10 CFR 835.

The Department of Energy (DOE) regulation 10 CFR 851 "Worker Safety and Health Program" defines worker safety and health requirements for the Department of Energy contractors and their Subcontractors. The Worker Safety and Health Program acknowledgment is part of the ES&H Certificate, reference paragraph 1.5. Additional information can be found at: http://eshq.fnal.gov/worker-safety-health-for-subcontractors

DOE regulation 10 CFR 835 "Occupational Radiation Protection" defines the requirements pertinent to work where potential exposure to ionizing radiation hazards occur. The protective measures to be taken where this hazard is present shall be communicated to the Subcontractor through the FFDG Service Coordinator/Task Manager. FFDG has an extensive level of expertise

Protection" defines the requirements pertinent to work where potential exposure to ionizing radiation hazards occur. The protective measures to be taken where this hazard is present shall be communicated to the Subcontractor through the FFDG Service Coordinator/Task Manager. FFDG has an extensive level of expertise in management of ionizing radiation hazards that will be utilized to identify the work locations where such hazards are present and establish these protective measures.

The US Department of Energy has the authority to exercise enforcement actions on any Subcontractor who violates any requirement set forth in 10 CFR 851 and 10 CFR 835. The Subcontractor may be subject to civil penalties up to $80,000 for each such violation. If any violation is a continuous violation, each day of the violation shall constitute a separate violation for the purpose of computing the civil penalty.

1.7 Subcontractor & ES&H Certificate

In accordance with 10 CFR 851, the Subcontractor shall submit the ES&H Certificate with the pertinent information related to this Subcontract. For further instructions, see Attachment C at the end of this document.

1.8 Concern and Reporting Process

Whistleblower Protection for Subcontractor Employees:

a. The Subcontractor shall comply with the requirements of the "DOE Contractor Employee Protection Program" at 10 CFR Part 708

b. The Subcontractor shall insert or have inserted the substance of this clause, including this paragraph (b), in lower tier Subcontracts, at all tiers, with respect to work performed on any DOE-owned or leased facility, as provided for at 10 CFR part 708

c. Concern Reporting Processes - Subcontractor employees on the service worksite are entitled to use any of the means available to communicate concerns about ES&H conditions and practices. Information about concern reporting is available on ES&H bulletin boards throughout the leased space and shall be included with FFDG provided materials for the service worksite postings for this project by request. The options for reporting concerns include

d. DOE Concern Reporting
   i. Telephone:
      (630) 840-3281
   ii. Email:
      Fermilab.EmployeeConcerns@science.doe.gov

1.9 Bulletin Board

Exhibit A

Subcontractors that have an on-site base of operations are responsible for installing and maintaining a safety bulletin board at the location where the majority of the Subcontractor's employees, Sub-Subcontractors, and sub-tier vendors report to work. Information shall include

a. DOE Worker Safety and Health Poster DOE-F 5480.2 (Worker Rights), furnished by FFDG. Spanish versions of the DOE Safety and Health Poster are also available from FFDG upon request.
b. DOE Occupational Safety and Health Complain Form 5480.4, available on-line

1.10 Subcontractor's Competent Person

The Subcontractor shall ensure that there is a Competent Person available on site at all times when work is in progress. The Competent Person shall have the knowledge of OSHA standards and be capable of identifying existing and predictable hazards in the surroundings or working conditions that are unsanitary, hazardous, or dangerous to employees, and who has authorization to take prompt corrective measures to eliminate the identified hazards. Duties related to ES&H shall take precedence over other duties.

1.11 Work Completion and Clean-up

The Subcontractor shall complete all work, and all clean-up operations shall follow their ES&H program or as agreed by the FFDG representative. Documentation for all aspects of the ES&H program shall be complete and in place before subcontract closeout. All excess materials, equipment, waste materials and rubbish shall be properly disposed from the work site.

1.12 Experienced Modification Rate (EMR)

Subcontractor must provide Experience Modification Rating (EMR) Rates and Occupational Safety Health Administration (OSHA) 300 log for last three years. The EMR must be less than one (1.0) and the Subcontractor must have a three-year safety record equal to or less than 85% of the most current U.S. Bureau of Labor Statistics for Total Recordable Case Rate (TRC) and Days Away, Restricted, or Transferred (DART) Case Rate as reported in the BLS Occupational Injury and Illness Data. Subcontractor or sub-tier subcontractors EMR is 1.0 or above, or the Subcontractor has less than three (3) years of ratings; or the three-year safety record is greater than 85% of the BLS general statistics, the Subcontractor shall provide explanation.

2.0 SUBCONTRACTOR ES&H PROGRAM

2.1 Responsibility

The Subcontractor has primary line responsibility for providing a safe working environment for its employees. He/she shall provide overview on the program's effectiveness and take appropriate corrective actions. The Subcontractor has responsibility to ensure Sub-Subcontractors also comply with the Subcontractor's Environment, Safety & Health program and the requirements of this exhibit.

2.2 Environment, Safety & Health Program

The program must comply with and encompass all applicable aspects of 29 CFR 1910, OSHA Safety and Health Standards for General Industry, 10 CFR 851, DOE Worker Safety and Health Program, and when applicable, the provisions set forth in 10 CFR 835, Occupational Radiation Protection, 29 CFR 1926, Occupational Safety and Health Standards, or other regulatory standards. On all subcontracts requiring a Subcontractor employee(s) to be on site for more than thirty (30) eight (8) eight hour days in a twelve (12) month period, or when requested, the Subcontractor shall submit to FFDG for review and acceptance a copy of their ES&H (corporate) program documents. The program documents shall be submitted by all bidders for review by the ES&H Subcontractor Oversight group prior to subcontract award. The written program should describe the following elements:

a. Management Commitment and Leadership
   i. Subcontractor's policy regarding ES&H goals and how these goals are communicated to the employees;
   ii. Management commitment of resources to adequately implement the program;
   iii. Participation of management in safety meetings, inspections, and documentation;
   iv. How ES&H rules are incorporated into site operations; and Enforcement and

disciplinary procedures.

b. Assignment of Responsibility
   i. Management responsibility for ES&H;
   ii. Responsibilities, knowledge and authority of supervisor and competent persons; and
   iii. Employee responsibility.

c. Training
   i. General requirements;
   ii. Supervisor and Competent Person training;
   iii. New employee training;
   iv. Hazard specific training;
   v. Safety Meetings; and
   vi. Documentation of training

d. Basic Safety and Health Provisions
   i. Emergency actions;
   ii. Recordkeeping and reporting of injuries;
   iii. Housekeeping;
   iv. Hazard Communication Plan;
   v. Personal Protective Equipment; and
   vi. Fire protection and prevention.

e. Hazard Assessment Process
   i. How hazards are identified and analyzed;
   ii. Preventive controls, and
   iii. Inspections

f. Waste Handling and Disposal
   i. Characterization of waste;
   ii. Packaging and Labeling requirement; and
   iii. Assurance that appropriate transportations and handling facilities will be used.

g. Other Programs dictated by Scope of Work (e.g. LOTO, Confined Space, Industrial Hygiene)

2.3 Job Hazard Analysis (JHA/HA) and/or Standard Operating Procedure (SOP)

A written Job Hazard Analysis (JHA/HA) or Standard Operating Procedure (SOP) is required when Subcontractors will be exposed to potential hazards. An HA details the specific hazards associated with the work activities and mitigating actions including Personal Protective Equipment (PPE) in accordance with ANSI, OSHA, and NFPA 70E) that the Subcontractor will take to reduce or eliminate the risk of injury. Safety data Sheets (SDS) and any specific procedures (confined space, LOTO) are to be submitted as part of this HA. The HA shall be submitted for FFDG review and acceptance prior to commencement of work. The HA shall be verbally reviewed by all Subcontractor employees performing work and each employee will acknowledge reading and understanding the HA by placing his/her signature on the signature page. The HA is a dynamic document which may require modification after the initial approval from FFDG. When the HA is updated (added hazards, means and methods to perform work), the Subcontractor must notify their Service Coordinator/Task Manager, and all employees shall re-sign the HA for acknowledgement of updates. HA's shall be kept at the worksite and available for review by FFDG Service Coordinators/Task Managers and ESH Coordinators. For multi-year subcontracts, all HA's shall be reviewed and approved annually. The HA shall be kept at the worksite and available for review by the FFDG Service Coordinator/Task Manager and ES&H Coordinator.

a. Subcontractor shall document its analysis of the hazards associated with each definable work activity in a Hazard Analysis document (JHA/HA). The HA must detail the work steps, specific hazards associated with each step, and mitigating actions, including use of PPE, that the Subcontractor and Sub-tier subcontractors will take to reduce or eliminate the risk of injury while performing the work.

b. HAs must identify silica exposures such as cutting masonry products, installing, cutting, or removing concrete, installation of or removal of sheet rock compound, or dealing with other silica constraining products. Reference Attachment A for mitigation measures.

c. The names of Competent Persons shall be included on the HA and communicated to all affected workforces.

2.4 Pause & Stop Work Activity

Any fermilab employee may pause a work activity for corrective actions if there is imminent danger of serious injury, fatality, or major environmental release. If the hazard cannot be abated in a timely manner, the work activity shall be stopped through procurement actions. Refusing to stop the work activity when requested may result in disciplinary action.

3.0 REPORTING & TRAINING REQUIREMENTS

3.1 Emergency Response and Reporting

In the event of an actual fire or severe weather, all Subcontractor personnel shall evacuate to a prearranged safe location as designated by the Service Coordinator, Task Manager, or Point of Contact.

a. All accidents or emergencies occurring at the Laboratory site must be report immediately by dialing extension 3131 from a Laboratory phone or 630-840-3131. The accident must be reported immediately to the Service Coordinator/Task Manager or Point of Contact.

b. The Subcontractor shall investigate all accidents. When required by the Service Coordinator/Task Manager or Point of Contact, a report must be submitted within two (2) days of accident.

c. A summary of the total hours worked on the project shall be submitted to the Service Coordinator/Task Manager or Point of Contact on a monthly basis.

d. Subcontractor personnel shall participate in all emergency drills.

e. All emergency egress routes shall be kept clear at all times.

f. In the event of a hazardous material spill, the first person to become aware of the spill shall immediately dial 3131.

3.2 Subcontractor Safety and Health Records

Subcontractors shall maintain and provide to FFDG upon request any and all applicable occupational safety and environmental records. Such records include, but are not limited to, the records required to be maintained by federal/state regulations, OSHA injury/illness logs, training records, inspection records, safety meetings, and accident investigation.

3.3 Subcontractor Training

a. All Subcontractors performing work at Fermilab shall provide to their employees all necessary ES&H training as may be required by Federal/State regulations and as appropriate for their activities at Fermilab. FFDG will provide appropriate training for site specific hazards that are unusual for the trade of the Subcontractor's employees, such as training to conduct work in radiation areas or in oxygen deficient areas. Training records shall be maintained on site and shall be produced when requested.

b. The Subcontractor is responsible for assuring that their employees who do not speak English understand all ES&H requirements. The subcontractor must be able to communicate emergency instructions to those employees.

4.0 WORK SITE CONDITIONS

4.1 Site Access

All Subcontractors working at Fermilab who will not be escorted by a full-time FFDG Employee 100% of their time on site must attend Subcontractor Orientation. All Subcontractor employees will receive a card documenting attendance. This training must be repeated every two years. Scheduling of orientation training is through the FFDG Service Coordinator/Task Manager or Point of Contact. The orientation and badging efforts require approximately two (2) hours.

4.2 Permits

FFDG conducts work through the use of on-site permits. All required permits will be identified by the Service Coordinator/Task Manager who will arrange for all necessary Laboratory permits. This excludes those permits required elsewhere. No work activity shall be performed without the required permits, laboratory or other. No alarms, safety devices, etc. will be disabled without prior approval of the Service Coordinator/Task Manager. The Subcontractor shall make a specific request to the Service Coordinator/Task Manager at least 48 hours before disablement. Activities requiring permits include but are not limited to: work notification, electrical work, excavation, burning/welding, modification to drinking water systems, bringing radioactive sources on site, working with/on radioactive material, working in radiological areas, and moving government or Fermilab property off site. The Subcontractor will comply with all restrictions or provisions listed on permits.

4.3 Electric Power

The Subcontractor shall provide and pay for telephone service for his requirements. FFDG will furnish electric power at 480Y/277V and/or 208Y/120. The Subcontractor will pay cost of connection to this power source. Installation of the Subcontractor's electrical distribution will be subject to the approval of FFDG.

4.4 Transportation of Equipment and Materials

The Subcontractor shall transport all equipment and materials to the job site at his own expense. He shall be responsible for minimizing any interference with local traffic or FFDG operations. Hoists at the Ross Shaft will be available for the movement of people, equipment, and material to the underground spaces.

4.5 Access and Traffic Ways

a. Access to the work shall be via Main Roads only. Traffic on all paved roads shall be restricted to rubber-tired vehicles only.

b. The Subcontractor shall repair at his expense any damage due to his operations to existing structures such as culverts, fencing and barricades. The Subcontractor to the satisfaction of FFDG shall remove debris or litter on any roads caused by the Subcontractor's operations immediately. Applicable safety standards shall apply to the use of all existing roads.

4.6 Temporary Heat

The Subcontractor shall provide and pay for installation of temporary heating facilities, fuel, protective coverings and enclosures as necessary to protect the work. Coal or kerosene type salamanders, pots and open fires will not be permitted.

4.7 Temporary Lighting and Ventilation

The Subcontractor shall install and maintain temporary lighting and ventilation throughout the project to an extent that permits craftsmen to work without compromise of safe working conditions.

4.8 Water and Sanitation

Industrial water (non-potable) is available at hydrants adjacent to the site. See the FFDG Service Coordinator/Task Manager for arrangements for their use. Domestic water (potable) is not available for drinking purposes. Subcontractor will be required to furnish drinking water and portable sanitation facilities for his employees.

4.9 Hazardous Materials

Any substance which by reason of being explosive, flammable, poisonous, corrosive, oxidizing, irritating or otherwise harmful, or is likely to cause death or injury shall be considered a hazardous material. The use of hazardous material shall be identified in the Subcontractor's HA and approved by the FFDG Service Coordinator/Task Manager before use, disposal shall comply with the bid documents and coordinated with FFDG's Service Coordinator/Task Manager.

4.10 Confined Work Spaces

a. The Service Coordinator/Task Manager will identify all existing confined workspaces including hazards and entry operations to the Subcontractor.

b. If a Subcontractor is required to enter a permit-required confined space as part of their contract with FFDG, the Subcontractor shall provide the Service Coordinator/Task Manager with the following records at least 1 week prior to entry:
   i. Confined space classification documents/checklist
   ii. Entry permit
   iii. Training records for confined space entrants, attendants, and supervisors
   iv. Evidence that all air monitoring equipment is properly calibrated

c. The Subcontractor must provide all of their own PPE, such as lifelines, harnesses, respirators, tripods, ventilators, etc.

d. The Subcontractor shall inform the Service Coordinator/Task Manager prior to entering the confined space and include any specific permit space procedures the Subcontractor will follow.

e. Once the work is completed, a copy of the Subcontractor's confined space permit shall be provided to the Service Coordinator/Task Manager.

4.11 Fall Protection

a. If a Subcontractor is required to work at a location that requires their employees to wear personal fall protection equipment (fall arrest,

fall restraint), the Subcontractor must provide the following documentation for review as a additional forms with their JHA/HA:

i. Fall protection training records for employees performing the work at heights
ii. Fall protection equipment maintenance and inspection records for the equipment being used to perform work
iii. A written fall rescue plan

b. The written HA shall identify the approved anchor points that the workers will utilize.
c. No work shall be permitted unless specified by the job and specific procedures have been submitted and accepted by FFDG.
d. Subcontractor Fall Protection Competent Person shall perform regular observational safety checks of fall protection work activities, including inspections before use.

4.12 Ordinary & Critical Lift Operations

a. For all lifts whether ordinary or critical, the Subcontractor shall submit crane specifications, annual crane inspection records, and Subcontractor employee operator certifications/cards, and a JHA/HA to be reviewed and approved prior to starting work.
b. The Subcontractor shall submit a critical lift plan for critical lifts to the Service Coordinator/Task Manager for review. Subcontractor shall submit critical lift plans at least 2 weeks prior to the scheduled lift. A critical lift plan will not be used in lieu of an JHA/HA but shall be added as an attachment to the JHA/HA.
c. A critical lift is based on DOE Standard 1090. A critical lift that meets any of the following:

i. Loss of control of the item being lifted would likely result in the declaration of an emergency.
ii. The load or item is unique and, if damaged, would be irreplaceable or not repairable, and is vital to a system, facility, or project operation.
iii. The cost to replace or repair the load item damaged would have a negative impact on facility, organizational, or DOE budgets to the extent that it would affect program commitments.
iv. Lifts made with more than one crane/forklift. Exception: a tandem lift with synchronized overhead cranes that utilize one controller, as long as the item being lifted does not meet any other critical lift criteria.
v. Lifts made near electrical, ground, or overhead utilities.
vi. Lift involves non-routine or technically difficult rigging arrangement.
vii. Lifts over items that are considered critical to Fermilab.
viii. A lift shall be designated as a critical lift if the lift exceeds 75% of the rated capacity of the crane, or the lift requires the use of more than one crane.
ix. All lifting fixtures utilized in a critical lift will be required to be proof load tested per ASME B30.9, Section 9-6.6.2 titled Proof Load Requirements.

4.13 Work on Existing Utilities

a. No work shall be performed on existing in-service piping systems without prior approval and coordination of the system outage by FFDG's Service Coordinator or Task Manager. The Subcontractor shall make requests for such outages at least 48 hours in advance. Pressure shall be relieved on all piping systems before opening up and starting work. Lockout/Tagout shall be used by the Subcontractor for all valves, blank-offs and relief lines.
b. Work on existing utilities and any testing shall be included in the HA.
c. No work shall be permitted unless specified by the job and specific procedures have been submitted and accepted by FFDG.

4.14 Excavation

a. Prior to beginning any excavation (any man-made cut, cavity, trench, or depression in an earth surface, formed by earth removal), the Subcontractor shall request an Excavation Permit from their Task Manager. Utilities in the area to be excavated must be de-energized/de-pressured and locked-out/tagged-out, in accordance with Excavation Permit requirements. If the services cannot be de-energized/de-pressured, then vacuum excavation methods, consisting of air or water to break up the soil and a vacuum device to collect the soil, shall be used to locate fiber optic cables, electrical cables, duct banks, and gas lines prior to the excavation activity.

b. The Subcontractor will identify through drawings, notations, and field locates, the approximate location of known utilities and sub-surface structures and obtain locates through Fermilab e-JULIE system. For underground work conforming to OSHA 1926.800, contact the Task Manager to determine utility locate requirements.

c. The Unless near accelerator operations, Excavation Permits must be requested no less than ten (10) working days before needed for areas less than one acre (208-ft x 208-ft). Excavation Permits near accelerator operations - 100-ft from the center of the beamline -- must be requested no less than eighteen (18) working days prior to covered operations.

d. The All soil is to be assumed Class C until proper testing methods (Plasticity, Thumb Penetration, or Pocket Penetrometer) have been used to classify the soil otherwise. These tests shall be documented by Subcontractor's Competent Person. Documentation of the soil tests shall be maintained with the associated Hazard Analysis.

4.15 Personal Protective Equipment (PPE)

The Subcontractor must provide all required PPE to their employees and monitor the worksite to assure workers are wearing the required PPE. PPE must be in accordance with ANSI, OSHA, and NFPA 70E.

4.16 Burning/Welding/Brazing/Spark Producing

A permit is required before a Subcontractor may burn/weld. The Service Coordinator/Task Manager will contact the Fermilab and secure a Hot Work permit. Information concerning the burning/welding permit is listed below:

a. The Subcontractor must arrange for fire watches during burning, welding, or other fire or spark generating work. This fire watch must continue for a minimum of thirty minutes after work is complete;

b. It is the Subcontractor's responsibility to furnish the proper number and type of fire extinguishers for any welding, cutting, or brazing activities as specified in the Burn Permit;

c. The extinguishers must be located in clear sight and no farther than 50 feet from the work areas;

d. All welding shall be in accordance with the requirements of the American Welding Society (AWS) Standard: Safety in Welding, Cutting, and Allied Process (ANSI/ASC Z49.1-94).

e. UL or FM listed check valves shall be installed on oxygen-fuel torch cutting equipment.

f. Personnel who perform welding and cutting, operate rotating machinery, or who are exposed to chemicals, fire, or other such hazards, must contain their hair so that there is no danger of their hair catching fire, dipping into toxic chemicals or acids, or being caught in rotating machinery.

4.17 Open Burning, Fire Barrels, Coal or Kerosene Type Salamanders

Open burning, fire barrels, coal or kerosene type salamanders, or open flame heating devices that have exposed fuel below the flame are not allowed on the Fermilab site. The following sets forth the minimum acceptable requirements for temporary heating devices at Fermilab:

a. Spark arresters shall be provided on all stacks or burning devices having forced drafts;

b. Temporary heating devices, used in any enclosed building, room, or structure, shall be listed by UL, FM, ETL, or other approval-testing laboratory and vented to the outside.

c. Flammable liquid fixed heaters shall be listed by UL, FM, ETL, or other approval-testing laboratory and equipped with a primary safety control to stop flow of fuel in the event of a flame failure. Barometric or gravity oil feeds are not acceptable primary safety controls.

4.18 Electrical Work & Controlling Hazardous Energy

The following sets forth the minimum acceptable requirements for work on electrical systems at Fermilab:

a. All electrical work shall be performed in accordance with NFPA 70E, Standard for Electrical Safety in the Workplace;

b. Subcontractors are required to follow an energy control program if their work activities involve the potential of injury to personnel by the unexpected energization, start-up or release of stored energy. The servicing and/or maintenance of machines and equipment are frequent activities that can be hazardous. The

related hazards may include energized electrical circuits, capacitors or batteries; pneumatic systems; chemicals which may release energy or pose a biological hazard, the mechanical movement of levers, presses, hydraulic systems, pump shafts or fan blades; vacuum vessels, chambers, or pipelines; and pressurized fluids released from vessels, tanks, pipes or valves. The Subcontractor personnel must be trained in Lockout/Tagout (LOTO) prior to participating in LOTO of hazardous energy sources and working on LOTO systems or equipment. A subcontractor may perform LOTO operations at the Fermilab Batavia site or its leased spaces only through the application of the following options:

i. Supervised LOTO – FFDG supervisory personnel, including Task Managers, are required to apply LOTO devices to LOTO systems and equipment in a manner that enables subcontractor employees to place their own lock on the energy-isolating point (e.g., hasp, multi-point lock) that has already been locked and tagged by the supervisory personnel. Supervisory personnel must be an authorized LOTO employees per Fermilab's Energy Control Program/LOTO Procedures

ii. Following Fermilab's Energy Control Program/LOTO Procedures – Subcontractor personnel must successfully complete LOTO Level 1 and Level 2 training in order to become authorized employees. Additional on-the-job training may be required for the authorized employee for specific machinery or equipment before work is performed. Red LOTO locks and "DANGER – DO NOT OPERATE" tags must be used on energy-isolating devices.

c. The Subcontractor shall provide ground fault circuit interrupter protection for electric handheld tools, portable generators, temporary electrical extension cords and other wiring, etc.

d. GFCI protection shall be provided for electric hand-held tools, portable generators, temporary electrical extension cords, and other wiring, etc. The assured grounding program is not an acceptable alternative.

4.19 Oxygen Deficient Hazards

The following sets forth the minimum acceptable requirements for oxygen deficient hazard (ODH) work:

a. FFDG has policies and procedures governing work in ODH areas. The FFDG Service Coordinator/Task Manager will communicate specific requirements and work practices to the Subcontractor;

b. All Subcontractor and Sub-tier contractor personnel who must enter designated ODH areas must have and display a level of medical fitness acceptable to FFDG prior to entering those areas;

c. FFDG will assess the need for ODH training for Subcontractor personnel. If ODH training is necessary FFDG will provide it free of charge.

d. Oxygen monitoring equipment will be supplied to the Subcontractor personnel, as necessary. The Subcontractor is responsible for returning this equipment upon request or upon completion of the work;

e. FFDG will furnish emergency evacuation equipment. Care, use, and the return of such equipment will be the responsibility of the Subcontractor.

4.20 Radiation Protection

The following sets forth the minimum acceptable requirements for radiation protection at Fermilab:

a. FFDG has policies and procedures governing radiological work. The FFDG Service Coordinator/Task Manager will advise the Subcontractor of the requirements and work practices, if potential for radiation affects the work scope;

b. FFDG will assess the need for radiological training for Subcontractor personnel. If radiological training is necessary, it will be provided free of charge by FFDG;

c. Radiation dosimeters will be supplied to the Subcontractor personnel, as necessary. The Subcontractor is responsible for returning this equipment upon request or upon completion of the work;

d. FFDG will furnish protective clothing. Disposal of such clothing will be the responsibility of FFDG;

e. Prescribed procedures for material handling and segregation shall be followed explicitly. Potentially radioactive material must be surveyed prior to removal from site. The FFDG

Service Coordinator/Task Manager shall coordinate this survey.

f. Metals offered for recycling shall be coordinated with FFDG's Point of Contact or Service Coordinator/Task Manager.

4.21 Environmental Protection

All work on the Fermilab site shall comply with all applicable environmental executive orders, laws, regulations, and permits. All Subcontractors and Sub-Subcontractors shall conduct their activities in an environmentally sound manner that limits the risks to the environment and protects the public health. The following sets forth the minimum acceptable requirements for environmental protection at Fermilab:

a. Soil Erosion and Sedimentation Control (SESC) requirements for this project;

b. If required, the Subcontractor shall install all erosion control in accordance with SESC plan prior to the start of excavation activities;

c. Excavation at or adjacent to streams' tributaries, or other drainage outfalls shall be done only after notification to the FFDG Service Coordinator/Task Manager;

d. The FFDG Service Coordinator/Task Manager will inform the Subcontractor if any wetlands are present in work area and what protective measures are necessary;

e. Unexpected environmental impacts shall be immediately reported to the FFDG Service Coordinator/Task Manager and mitigated by the Subcontractor;

f. Flammable and/or combustible liquids, fuels, and oils shall be provided with containment and shall not be stockpiled beyond one day's usage. Storage of these materials, plus maintenance and fueling areas used by the Subcontractor, shall be properly graded and maintained and shall be located a minimum of 100 feet away from a wetland or water body boundary so that adverse effects on the environment are eliminated;

g. The Subcontractor shall make routine inspections to assure that all motorized equipment is free of leaks of petroleum and other toxic or hazardous materials. The Subcontractor shall keep sufficient cleanup supplies on hand (e.g. oil dry, absorbent booms, etc.) to contain/absorb any spill or leak of fuels, oils, etc. that could potentially leak from his equipment. If a spill or leak should occur, the Subcontractor should immediately take appropriate steps to contain spills, move equipment out of sensitive areas (near wetland or water body) and immediately notify the FFDG point of contact or service coordinator/Task Manager;

h. At the close of each workday, the Subcontractor's Representative shall inspect the complete site to ensure that all erosion controls, drainage patterns, excavations and staging areas are in environmentally sound condition for the weather conditions anticipated.

4.22 Smoking

a. Smoking, including tobacco products and electronic smoking devices, are prohibited in locations where flammable or combustible materials are stored. "No Smoking" signs shall be posted in these areas.

b. Smoking, including electronic smoking devices, are prohibited in all Fermilab buildings.

4.23 Drug and Alcohol-Free Work Place

a. All personnel of the Subcontractor, sub-Subcontractors, and sub-tiers are prohibited from engaging in the unlawful manufacture, distribution, dispensing, possession, or use of controlled and restricted substances. All Subcontractors and Subcontractor's personnel shall adhere to the Federal Controlled Substances Act (12 USC 8120 and further defined in Federal Regulations 29 CFR 1308.11-3808.15) and stated in the subcontract documents.

b. Subcontractors must have a substance abuse program that meets 10 CFR 707 (Workplace substance abuse programs at DOE sites) requirements and addresses drug testing requirements, drugs for which testing is performed, employee assistance, education, and training.

c. After damage to property or environment release by the Subcontractor or sub tier contractor associated personnel are subject to drug testing and results shall be submitted to the FFDG Point of Contact or Service Coordinator/Task Manager.

4.24 Fuel Storage Tanks

The following sets forth the minimum acceptable requirements for vehicles and equipment at Fermilab:

a. Above ground fuel storage tanks for vehicles shall not be permitted on the Fermilab site;

b. Fuel tanks mounted on pick-up trucks shall conform to the requirements of the Illinois State Fire Marshall's Office;

c. Fuel tanks mounted on pick-up trucks shall be removed from the Fermilab site at the end of each workday;

d. Refueling of equipment while the motor is running is prohibited;

e. During refueling from truck-mounted fuel tanks or with portable fuel cans, etc., a 10-pound (minimum) A-B-C dry chemical fire extinguisher must be present;

f. Maintenance and fueling areas used by the Subcontractor shall be properly graded and maintained and shall be located a minimum of 100 feet away from a wetland or water body boundary to avoid adverse effects on the environment.

4.25 Explosives

The use of explosives is not permitted without prior written approval by FFDG.

4.26 Vehicles and Equipment

The following sets forth the minimum acceptable requirements for vehicles and equipment at Fermilab:

a. Operators must have an appropriate, valid driver's license when operating vehicles on site. Seat belts are required to be provided and worn for the operators and passengers of all vehicles;

b. All vehicles and mobile powered equipment, except automobiles and pickup trucks, shall have reverse signal alarms (a.k.a. backup alarms) audible above the surrounding noise level. If backup alarms are not present on the equipment, a spotter (other than the driver of the vehicle) must be present to warn pedestrians and the drivers of other moving equipment;

c. If required by the equipment manufacturer, roll over protection structures shall be provided;

d. Personnel lifts must be equipped with audible motion alarms. These alarms must be in operation and audible over the surrounding ambient noise when the lift is in use. Additionally, all lifts require two distinct actions in order to make the lift move in a forward or backward direction or in an upward or downwards direction. A foot pedal is considered one of the actions if independent of the other controls;

e. The equipment manufacturer must approve any modifications to lifting and hoisting equipment;

f. All hand and power tools must be checked prior to use on each shift to assure that they are maintained in a safe condition. Any deficiencies shall be repaired, or defective parts replaced, before continued use.

g. Equipment inspection and modification (The Subcontractor shall comply with 29 CFR 1910.169, 1910.176, and 1910.178 and when applicable, the provisions set forth in 29 CFR 1926.600, Subpart O):

   i. The Subcontractor must inspect all heavy equipment before use on site, prior to use on each shift, and during use to make sure it is in safe operating condition. Defective equipment shall be removed from service;

   ii. The Subcontractor is to assure that regulatory inspection records are complete and up-to-date and that operating manuals are available;

   iii. In no case shall the original safety factor of the equipment be reduced.

h. All tools and equipment brought on site by the Subcontractor are subject to inspection by FFDG. Items found to be out of compliance shall be repaired or immediately removed and tagged out of service.

4.27 Jobsite Housekeeping

Housekeeping shall be maintained continually. The Subcontractor shall plan, organize, layout, and maintain the worksite area in a manner to ensure an environmentally healthful working area. All areas of the worksite area shall be kept clear of debris, rubbish, and other materials that could cause tripping or falling conditions. Materials will be piled in orderly stacks, with safe heights and slopes. The Subcontractor will execute cleaning and sweeping in a manner that minimizes the contamination of the

air with dust or particulate matter and addresses the requirements detailed in Attachment A of this document.

4.27 Fermilab Closures

The Fermilab site is closed for major holidays and service subcontractor work will not occur on these days unless necessary ESH review/approvals take place:

- New Year's Day – January 1st
- Martin Luther King Jr. Day – 1st Monday after January 15th
- Memorial Day – Last Monday in May
- Juneteenth – June 19th
- Independence Day – July 4th
- Labor Day – 1st Monday in September
- Thanksgiving Day – 4th Thursday in November
- Day After Thanksgiving – Friday after Thanksgiving
- Christmas Eve (1/2 Day) – December 24th
- Christmas Day – December 25th
- New Year's Eve (1/2 Day) – December 31st

If any of these holidays occur on a weekend day, a weekday will be used for the holiday.

ATTACHMENT A SILICA GUIDANCE

I. Purpose: To protect employees, subcontractors, sub-subcontractors, sub-tier contractors, the public, environment, and property from the detrimental effects of dust and respirable crystalline silica generated by construction, restoration, and maintenance activities.

A. As required by 29 CFR 1926.1153, subcontractors must have a written silica exposure control plan. The plan shall be submitted to Fermi Forward Discovery Group, LLC (FFDG) and include:

i. Tasks performed that involve exposure to respirable crystalline silica.

ii. Engineering controls, work practices and respiratory protection used to limit employee exposure to respirable crystalline silica.

iii. Housekeeping measures used to limit employee exposure to respirable crystalline silica.

iv. Procedures used to restrict access to work areas to minimize the number of employees exposed to respirable crystalline silica.

B. FFDG and its subcontractors are required by law, 10 CFR 851, to comply with the American Conference of Governmental Industrial Hygienists (ACGIH) threshold limit value (TLV) of 0.025 mg/m^3 for an 8-hour time-weighted average (TWA).

C. Subcontractors must comply with the requirements outlined in the Guidance for Silica Worktable at the end of this Appendix, unless the subcontractor has air monitoring data or other objective data sufficient to accurately characterize employee exposures to respirable crystalline silica.

II. Controls: In all cases, engineering controls that reduce dust at the source where it is being generated shall be the control of choice. The subcontractor must document how that determined that controls are valid.

A. Safety and Effectiveness of Dust Control Systems

i. Procedures shall be implemented to ensure that dust control systems maintain their effectiveness for dust reduction throughout the work activity.

ii. Dust control system shall be installed, operated, and maintained in accordance with manufacturer recommendations when there are such.

iii. When electrical tools are used with water as dust control system, it shall be done in accordance with applicable requirements of electrical safety.

iv. Respirators shall be worn until effectiveness of dust control system are proven through industrial hygiene monitoring.

B. Dust Collection/Management

i. Dust shall be contained and disposed of in bags that can effectively hold dust without breaking.

ii. Work surfaces and clothing shall be cleaned with vacuums and not by dry sweeping or the use of compressed air.

iii. Respirators shall be worn when changing out bags or handling dust.

III. Evaluating the Effectiveness of Controls

A. As soon as possible after the beginning of cutting or grinding tasks, the subcontractor shall conduct personal air monitoring or workers performing the cutting/grinding work activities. An industrial hygienist shall perform the monitoring and must be consulted prior to the execution of work.

B. Once initial monitoring is performed to assure the effectiveness of controls, then work activities can continue without additional monitoring.

C. The Subcontractor shall conduct daily visual inspections of the site for the presence of visible dust that appears during grinding and cutting work activities. The presence of such dust is a sign that the controls are not performing as intended.

D. A copy of the monitoring results/report shall be submitted to FFDG.

IV. Training: Operations include using powered tools or equipment to cut, grind, core, or drill concrete or masonry materials, and the following training is required:

A. Proper use and maintenance of dust reduction systems, including the safe handling and disposal of waste materials collected with their use.

B. The importance of good personal hygiene and housekeeping practices when working in proximity to dust from concrete and masonry materials including not smoking tobacco products including e-cigarettes, appropriate methods of cleaning up before eating, and appropriate methods of cleaning clothes.

C. Have training, medical evaluation, and fit-test documentation/records on site for workers that are using respirators.

GUIDANCE FOR SILICA WORK				
Type of Work	**8-hour Duration/Scope**	**Location (general)**	**Required Controls***	**Notes**
Grout/mortar mixing	≤ 7 bags	Inside or Outside	D	Keep employees upwind of dust when outdoors
Grout/mortar mixing	> 7 bags	Inside or Outside	A, C, D	
Shoveling sand	Any	Outside	B	Keep employee upwind of dust when outdoors
Hole drilling ≤ 1/4 in diameter	< 4 holes	Inside or outside	None	Use HEPA vacuum for housekeeping (no sweeping)
Hole drilling ≤ 1/4 in diameter	> 4 holes	Inside or outside	A or B	Use HEPA vacuum for housekeeping (no sweeping)
Hole drilling > 1/4 in diameter	Any	Inside or outside	A or B	B is for horizontal surfaces only
Coring	Any	Inside or Outside	B	Respirator required if using HEPA vacuum
Saw cutting - chop saw	Any	Inside or Outside	B, C, D	
Saw cutting - hand held saw	< 1 linear ft.	Outside	B, C, D	
Saw cutting - hand held saw	> 1 linear ft.	Outside	B, C, D	
Saw cutting - walk behind saw type equipment	Any	Outside	B, C, D	
Surface finish	Any	Inside or outside	A, C or B, C, & D	
Joint compound sanding	> 1 linear ft.	Inside or outside	A, C, D	Some new joint compounds are silica free
Tuck Pointing/Grout repair - Hand tools	Any	Inside or outside	B, D	
Tuck Pointing/Grout repair - Power tools	Any	Inside or outside	A, C, D	
Jack Hammering	Any	Outside	B, C, D	
Concrete Demolition using Heavy Equipment (enclosed cab)	< 4 continuous hours	Outside	B, C	Sprayer must wear respirator or contact IH through their service coordinator or Task Manager
Concrete Demolition using Heavy Equipment (enclosed cab)	> 4 continuous hours	Outside	B, C	Sprayer and operator must wear respirator or contact IH through their service coordinator or Task Manager
*Controls - NOTE: OTHER PPE WILL BE REQUIRED FOR ADDITIONAL HAZARDS				
A = Manufacturer's local exhaust ventilation on tool or HEPA Vacuum at Point of Operation				
B = Water to eliminate visible dust				
C = Respirator with P100 HEPA and face piece scaled for anticipated exposure				
D = First aid flush of eye contamination				
If work activity is not on this list, contact your FFDG Service Coordinator or Task Manager.				

Fermilab

Attachment B - High Hazard / Off Hours Work

A. The following work is categorized as High Hazard Work:

1. Chemical usage that presents significant safety or health hazards, potential hazardous material releases, releases to surface waters or sanitary systems, or requires special controls (e.g., respirator use, local ventilation) and has not been assessed and approved by the Industrial Hygiene Group.
2. Permit Required Confined Space Work.
3. Crane, Hoist, & Powered Industrial Truck for any operations that include the following: load tests at 100%-125% of rated capacity, critical lifts, or crane personnel basket/platform use.
4. Modifying or repair/maintenance of equipment or systems that contain cryogenic materials (Does not include normal filling of liquid nitrogen dewars or refilling liquid cryogenic containing tanks by vendors delivery drivers).
5. Electrical Work:
    a. Manipulative Energized Work
    b. Diagnostic Energized Work including verifying that exposed conductors or circuit parts are in an **Electrically Safe Work Condition** (ESWC), where the following thresholds are exceeded:
        1.) AC power distribution systems: over 600 Volts nominal or the equipment has a calculated or tabular arc flash PPE category of 3 or higher
        2.) DC power sources that both exceed 400 Volts and can deliver in excess of 500 Amperes, or the equipment has a calculated or tabular arc flash PPE category of 3 or higher
        3.) Capacitors that can store over 10 kilojoules of energy at the maximum (peak) voltage normally applied to them
        4.) Battery systems that operate at over 600 Volts, or can deliver over 30 kilowatts, or the equipment has a calculated or tabular arc flash PPE category of 3 or higher
        5.) Inductors that can store over 10 kilojoules of energy at the maximum (peak) current normally applied to them, unless system configuration absolutely prevents the energy from remaining
    c. Operation of equipment, circuit breakers, disconnect switches, contactors, and plugging/unplugging connectors that are not in a Normal Operating Condition as defined in Table 130.5(C) of NFPA 70E.
    d. Operation of equipment, other than equipment that has been listed by a Nationally Recognized Testing Laboratory (NRTL) in accordance with the

manufacturer's directions, unless the equipment has been approved by a NRTL or AHJ field inspection, or the installation has received an Operational Readiness Clearance (ORC).

e. Entry into an electrical distribution system manhole in which not all cables in the manhole have been verified to be in ESWC. (Confined Space requirements must be separately considered).
f. Coring or cutting into concrete, masonry, and walls, floors, and ceilings of any type of material where it cannot be proven in advance that there are no electrical circuits or equipment embedded in or located on the side of the concrete or building surface opposite the worker.

Note: Work on equipment that has been previously proven to be in an ESWC through zero voltage verification, with lockout / tagout or configuration control locks in place to maintain it in an ESWC is not high hazard work.

6. Excavation: Personnel working within an excavation that is greater than 4 feet deep.
7. Fall Exposure: Use of personal fall arrest systems. Erection or dismantling of scaffolding.
8. Hydraulic and Pneumatic Systems:
   a. Any work where a sudden uncontrolled release of pressure or fluids could result in injury.
   b. Operating hydraulic cutters (excludes hand pumped equipment).
   c. Transporting compressed gases in elevators occupied by personnel.
   d. Modifying or reconfiguring pressurized hydraulic or pneumatic systems.
9. Lasers: Working around/with unenclosed Class 3b or 4 lasers.
10. Machining: Hazardous materials like lead, uranium, & beryllium.
11. Spark producing work: Welding, grinding, brazing, flame cutting.
12. Magnetic Fields:
    a. Any situation where ferrous objects can be subject to magnetic forces causing sudden or unexpected movement into the magnetic field.
13. Radiation:
    a. High Radiation Area (HRA) work beyond inspection or placing equipment in a safe state.
    b. Work on or with Class 3-5 objects.
    c. Work with activated liquids (Excludes analytical lab work with volumes less than 1 liter and routine tritiated water management activities).
    d. Work with depleted uranium (DU).
    e. Work in a contamination area.

   f. Work with non-interlocked radiation generating devices/neutron generators (Excludes XRF and SEM use).
   g. Pressure (vacuum/water) or stress testing of activated components.
   h. Destructive work (cutting, welding, grinding, etc.) on activated components.
   i. Radiography.
14. Hazardous Energy Release:
   a. Work on equipment where there is a potential for unexpected release of energy (hydraulic, pneumatic, thermal, potential, etc.) where LOTO is required.
15. Tasks that significantly increase the risk of drowning:
   a. Diving or submerged work.

High-Risk Work: Consider the risk factors below to determine high-risk activities. Please note, routine work may be deemed high hazard or high risk.

16. Resource limitations.
17. Personnel experience.
18. First-time or very infrequent work.
19. Work environment.
20. Significant impact to lab or mission (e.g., lifting "one of a kind" equipment).
21. Multiple work group coordination.
22. Personnel executing the task consider the work high risk.

B. All High-Hazard or High-Risk work must be done during normal Lab business hours of Monday through Friday, 6:00 a.m. to 6:00 p.m.

1. When planning for High Hazard Work, adequate consideration must be given to the extent of such work that can be performed within those hours on any given day, as work will be stopped outside of those hours and the site placed in a "safe" condition.
2. High Hazard Work outside of normal Lab business hours requires the following planning and prior approval prior to starting the High Hazard Work:
   a. An adequate justification for such work outside of normal hours has been submitted to FFDG and approved. Such approval will only be granted by FFDG when it is in the interests of heightened safety at Fermilab.
   b. The Subcontractor shall submit the HA for high hazard work, along with the justification, for review a minimum of seven (7) days in advance of any such operations outside normal hours and receive specific and written approval.
   c. If such approval is granted, the Subcontractor shall conduct and document Pre and Post job briefings on the work plan and safety mitigations included in the HA.

C. The performance of High Hazard work requires the presence of certain FFDG representatives, and in some cases, DOE Site office personnel. As a result, the performance of this work off-hours will be limited to the times the appropriate personnel are available.

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Attachment C

Environment, Safety, and Health Certification (ESHC)

FOR ALL EMERGENCIES CALL:
Fermilab Emergency Contact Number: x3131 - or - (630) 840-3131 from a cell phone
For all incidents, injuries, property damage, near-misses, work-induced illness or chemical over-exposures, the Service Coordinator/Task Manager or Point of Contact MUST be immediately contacted upon scene stabilization, but in all cases within one hour

ACKNOWLEDGMENT of 10 CFR 851

As a Subcontractor to FFDG, you must meet the requirements of Title 10, *Code of Federal Regulations*, "Energy", Part 851, "Worker Safety and Health Program". As such, you must be aware of, and comply with, the requirements of this regulation. (Link to 10 CFR 851)

		Yes	No
Acknowledgment	I, Enter Subcontractor - Company Officer, certify that that I have read the requirements of 10 CFR 851 and attest that my firm and sub-tier contractors will comply with the requirements.	☐	☐

MEDICAL SURVEILLANCE AND QUALIFICATION

		Yes	No
Occupational Medicine	Will you have any employees that will work on-site for 30, eight-hour days in a 12-month period, or are enrolled for any length of time in a medical or exposure monitoring program required by federal, state, or local regulations (including hearing conservation, respiratory protection, lead exposure)?	☐	☐
	If yes, you will need to: 1. Comply with the occupational medicine requirements of 10 CFR 851, Appendix A 2. Provide your occupational medicine provider contact information. FFDG has identified five medical facilities on the attached map. Highlight the facility to be used or identify and map an alternate. Post the map at the job site and annotate the address for the designated facility on the map.		

Clinic / Physician	Enter the name and address of your company's occupational medicine provider for this project	Enter telephone number: xxx-xxx-xxxx	Enter e-mail address: user@domain

Required Medical Surveillance		Task-specific medical testing
☐ DOT/Commercial Vehicle	☐ Blood Lead	List specific task(s) requiring medical surveillance
☐ Hearing Conservation	☐ Respirator User	
☐ Fit For Duty	☐ Other(s): List other(s)	
☐ Substance Abuse Testing		

Signature (Subcontractor)	Subcontractor's Name	Dated

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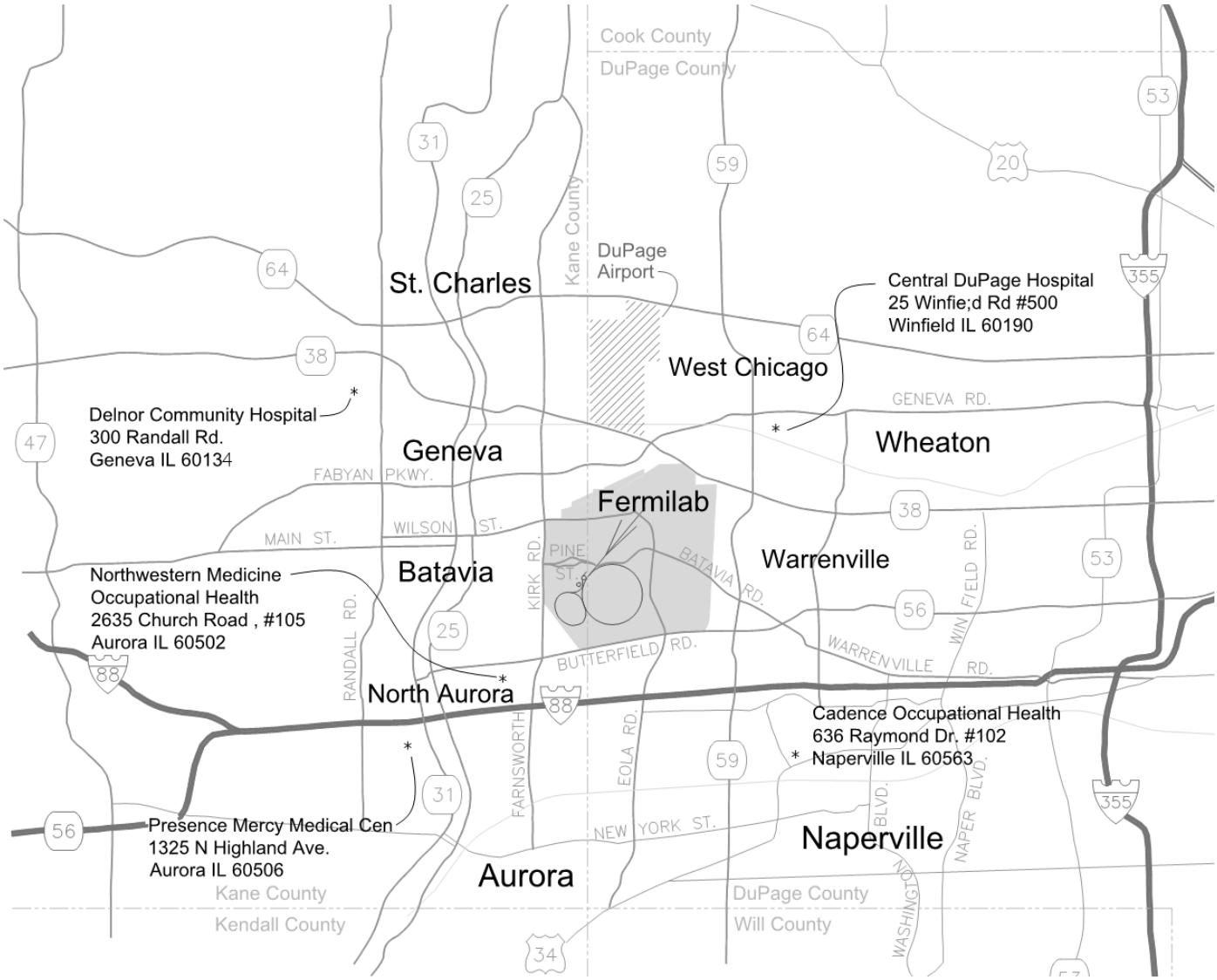
FRA has identified five medical facilities. Please highlight the facility to be used or identify and provide a map of an alternate selected place. Annotate address for designated facility.



If a different location then above, provide a map and address of the subcontractor's occupational medical facility Hospital Route and attached to the back of this Project Plan and posted at the work site.