

21ST CENTURY SALVAGE INC.

10750 Martz Rd. Ypsilanti, MI 48197 P: 734.485.4855 F: 734.485.6959

RESUMES OF: PERMANENT KEY PERSONNEL

KEITH MILLER - PRESIDENT

- 38 years industrial services, construction and demolition experience
- 40 hours OSHA Safety Training
- Union Operator Local 324
- 40-hour Hazwoper
- Lead Awareness
- CPR & First Aid

ERIC POGRMICH - PROJECT MANAGER/ESTIMATOR

- 31 years of Construction Management experience
- 5 years of environmental remediation and industrial demolition experience
- 10 hours OSHA Safety Training
- Asbestos Awareness and Training
- Lead Awareness and Training
- AGC's Supervisory Training Program – Construction Superintendent
- Certified Construction Industry Technician (C.I.T.)
- DEQ - Storm Water Construction Site Operator – C-03443

MARTY HUFFMAN – PROJECT MANAGER/ESTIMATOR

- 45 years construction management experience
- Bachelor of Arts: Civil Engineering
- 10-hour OSHA Safety Training
- Lead Awareness Training
- Silica Awareness Training

JOE SMITH - SUPERINTENDENT

- 25 years demolition experience
- Union Laborer
- 30-hour OSHA
- Asbestos Abatement Competent Person
- Confined Space Worker Certified
- CPR & First Aid
- Lead Awareness Training
- Silica Awareness Training

JOHN CODY MILLER – OPERATIONS/ESTIMATOR

- 15 years demolition experience
- Union Operating Engineer Local 324
- 30-hour OSHA
- 40-hour Hazwoper
- Asbestos Contractor Supervisor
- CPR & First Aid
- Lead Awareness Training
- Silica Awareness Training

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CHUCK LEBARON - PROJECT SUPERINTENDENT

- 25 years demolition experience
- Union Laborer
- 30 -hour OSHA Safety Training
- 40-hour Hazwoper
- Asbestos Abatement Competent Person
- Confined Space Worker Certified
- CPR & First Aid
- Lead Awareness Training
- Silica Awareness Training

21st Century Salvage, Inc. References

Client Name: Walbridge Title: Project Manager
Client Contact: James Cianfarani Email: james.cianfarani@walbridge.com
Contact Phone Number: 313-559-0110
Services Performed from and to (dates):
Demolition of several buildings on the Ford R&E Campus. Including buildings known as,
FSB, RSB, and EEB in 2018. Demolition of Substation 3 at Rouge Plant 2023.

Client Name: Crown Enterprises, Inc. Title: Vice President
Client Contact: Todd Goss Email: tgoss@crownterprisesinc.com
Contact Phone Number: 586-467-1711
Services Performed from and to (dates):
Demolition of 10 story building known as the Boblo Building on the Detroit River 2023.

Client Name: GHD Services, Inc. Title: Project Manager
Client Contact: Jeffrey Latham Email: jeffrey.latham@ghd.com
Contact Phone Number: 248-719-0097
Services Performed from and to (dates):
Demolition of the Detroit Central Train Station Rail Road Platform; including the bridge over
Vernor St. in 2022.

Client Name: University of Michigan Title: Project Manager
Client Contact: Patricia Spence, PE Email: paspence@umich.edu
Contact Phone Number: 734-260-2958
Services Performed from and to (dates):
Demolition of 1011 Cornwell Place in Anna Arbor 2023

Quality Assurance/Quality Control Plan

21st Century Salvage INC

City of Ann Arbor Building Demolition Project

2150 Jackson, 315 Detroit, 415 Washington & 721 N. Main

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1.0 Introduction

This Quality Assurance/Quality Control (QA/QC) Plan has been developed for asbestos abatement, hazardous waste removal, and demolition activities to be conducted at the City of Ann Arbor Building Demolition Projects.

The purpose of this QA/QC Plan is to provide guidance and measures to be employed to ensure that the project is completed in a safe manner that is consistent with project goals. Given the scope and complexity of this project, it is important that Site authority and practices are clearly defined and that the practices and quality control methods are implemented consistently. This QA/QC Plan is intended to identify Site controls/authority, general procedures such as document/data control, and activity-specific controls and verification procedures.

1.1 QA/QC Plan Structure

The QA/QC Plan is organized into the following Sections:

- Introduction;
- Project Organization and Authority;
- Site Background;
- Project Scope and Process Description;
- Project Quality Assurance and Quality Control;
- Documentation and Recordkeeping;
- Review and Evaluation, and;
- Reporting.

2.0 Project Organization and Authority

The roles and responsibilities of primary project Organizations and key personnel are presented below.
Project Organizations:

SAFETY COORDINATOR

By directives and approvals from Management, the Safety Coordinator shall:

- Regularly visit Projects and Work Sites for purposes of inspection, personal communications with personnel and be knowledgeable of operations.
- Evaluate and direct the activities of the Safety Department.
- Establish procedures and guidelines for the Safety Program(s), and keep these updated.
- Establish and maintain a Company Safety Training Program.
- Develop safety recommendations for specific operations.
- Study and provide current information on government regulations for Occupational Safety and Health (OSHA), and keep Management and Supervisors advised of revisions and new regulations applicable to Company activities.
- Investigate accidents, as considered necessary by Management, Work and Insurance Company Representatives, Attorneys and others in the interest of the company business with regard to safety.
- Collect reports required for records and for evaluations of performance of Safety and Accident Prevention Programs. All accident reports are to be submitted to the Program Manager within eight (8) hours of the incident.
- Write and distribute a "Weekly Safety Memo" to all supervisory personnel.
- Solicit educational and promotional data for benefit of safety program(s), and assist with the implementation of such material.
- Attend meetings and conferences of Safety Councils, Contractors, Associations, and other organizations considered advantageous to the Company's interest. Attend training sessions with courses for accident prevention and safety training.

ESTIMATOR-PROJECT MANAGER RESPONSIBILITIES

- Read and review the Construction Safety Standards and become knowledgeable of Federal, State and Local standards.
- Is responsible to see that an analysis is made of the plans and specifications and a study made of the site to determine the exposure to accidents which may develop. Particular attention will be given to protection of the public, to fire prevention, and to traffic control. Read and review the Company Health and Safety Program on each new project and make amendments or additions that will be applicable to particular Job or Owner requirements.
- Be responsible when visiting the job site to report to the Project Superintendent all unsafe acts and conditions either of your Company's or Subcontractor's personnel.
- Review all accident reports and initial.
- See that field management maintains all site safety record keeping. See that weekly toolbox meeting are held.
- Provide the job site with the necessary safety forms, posters, reports, regulations and literature.
- Shall instruct Subcontractors and their employees to comply with applicable safety requirements. Shall document violations by Subcontractors of safety requirements.
- Assure that appropriate cost coding is made by field management with respect to expenditures made, for both material and labor, in enforcing the Corporate Safety Program.
- At the start of every new demolition site, and before permitting an employee to start work, an engineering survey shall be made by a competent person of the structure to determine the condition of the framing, floors and walls, and possibility of unplanned collapse of any portion of the

structure. Any adjacent structure that may be exposed shall also be checked. The Employer shall have in writing, evidence that such survey has been performed. There shall be one copy on the job site and another copy in the main office.

- Confined spaces is also the responsibility of the Estimator-Project Supervisor to be aware of any confined spaces within the structure or underground that workers would have to enter. That a copy of the Entry Rules in Confined Spaces shall be posted. And that those proper procedures are followed. At the start of the job, that all Foremen, Supervisors and Workers are informed of these confined spaces and what steps have to be taken to provide proper and safe entry and exit.

PROJECT SUPERVISOR'S RESPONSIBILITIES

- Being completely responsible for safety on the project.
- Advising all 21st Century Salvage, Inc. employees and Subcontractors of the 21st Century Salvage, Inc. Safety Policy and their obligation to comply with its rules and regulations.
- Making available all necessary personal protective equipment, job safety materials, and first aid equipment and insuring that all employees are familiar with their use.
- Instructing all Supervisors and Foremen of their safety responsibilities on this project, and making certain they comply with the Company's Safety Program.
- Instructing all Supervisors and Foremen that they are to inspect their work area each morning for safety compliance prior to allowing their personnel access to the area.
- Having copies of applicable Federal, State and Local safety regulations on file at the job site office and being familiar with them as they pertain to this project.
- Insuring that all new or transferred employees to this project receive adequate safety orientation, personal protective equipment as required and safety training for any specific safety hazards.
- Reporting immediately to the Safety Coordinator, any and all unsafe or hazardous conditions that are known to exist on the job site.
- Holding weekly safety meetings with all supervisor's and foremen for the purpose of reviewing on site safety and regularly attending all scheduled safety meetings.
- Holding all Supervisors and Foremen accountable for the safety performance within their individual areas or responsibility.
- To follow through with the Estimator-Project Manager's responsibilities that the engineering survey is performed on the job site and that the rules for entry into confined spaces is posted.
- Detect any unsafe work conditions on the job site that are frequent or being created by Contractors or Owners. A safety memo should be immediately written to the Project Manager to correct any such problem(s) and then follow-up to ensure compliance.

JOB FOREMAN RESPONSIBILITIES

- See that the entire safety program is carried out at the work level.
- See that the workers commit to no unsafe practice.
- Make sure that no unsafe conditions exist in their work areas.
- Make sure that necessary protective equipment is on hand and used.
- Instruct all workers in safe work procedures and job safety requirements. Follow up and insist on compliance.
- Discuss safety and have personal contacts with workers on every operation.
- See that all injuries are cared for properly and reported promptly.
- Investigate all accidents. File complete accident reports with the Superintendent and correct the causes immediately.
- Be familiar with the laws pertaining to safety and their basic requirements.

- Before a new person starts work, make sure that he has the proper work clothing (shorts and tennis shoes are prohibited), that the worker is properly dressed, has work gloves, safety glasses, respirators and whatever else is necessary for him to work safely. Employees will be fit tested with appropriate respirators and documentation. Employees will receive a physical exam including blood lead levels. If he is issued any safety gear and he fails to bring it to work with him, under no circumstances should he be allowed to work. Check to see if he exhibits any indications of illness or injury, or is incapable of working.
- Under no circumstances is gambling, drinking, smoking or illegal use of drugs permitted on the work site. Violation of this policy will result in immediate termination.

EMPLOYEE RESPONSIBILITIES

- Work according to good safety practices as posted, instructed and discussed.
- Refrain from any unsafe act that might endanger you or your fellow workmen.
- Use all safety devices provided for your protection.
- Report any unsafe situation or unsafe acts to your foreman or safety man immediately.
- Assume your share of responsibility for thoughtless or deliberate acts that cause injury to you or your fellow workmen.
- In the event of any injury or suspected injury, report to the designated area for first aid treatment, and/or Supervisor. In all cases, the Employee, the General Foreman or Foreman shall report and/or record all accidents.
- Maintain a clean and safe work area.
- Be a safe workman off the job as well as on.
- Inform your supervisor of any physical impairments or health problems which may put you at higher risk when assigned to certain tasks.

3.0 Site Background

To be completed for each site upon award.

3.1 Project Scope and Work Process Description

General

The project requires asbestos abatement, waste removal, demolition of numerous buildings, installation of fencing and soil erosion measures, site restoration and utility rework.. As identified in the contract documents and drawings.

Asbestos Abatement

The asbestos abatement activities will include the removal, transport, and disposal of asbestos containing material (ACM) in the buildings and structures to be demolished. This work item also includes development of an asbestos abatement project design and preparation of the Michigan Department of State Health Services Asbestos Notification Form.

A survey of ACM material in the facility buildings was previously performed by CRA. Given the survey results and on-Site evaluation, the Asbestos Abatement Project Design was developed. The asbestos abatement subcontractor (TBD) is responsible for performing the abatement activities and maintaining compliance with the asbestos abatement project design, project specifications, work plan, and applicable federal, state, and local regulations.

Priority and phasing of the work during the course of the project will be directed by 21st Century Salvage in coordination with abatement contractor and other subcontractors. Phasing will account for overall progress as well as maintaining work locations independent from active demolition areas, to the extent

feasible. Due to the nature of ACM, compliance with plans and regulations is of the utmost importance. Any personnel who observe conditions or activities that may affect worker health or the environment should bring the issue to the immediate attention of the Project Manager or available supervisor.

Hazardous Waste Removal and Unit Decontamination

This work task will include decontamination of waste management. Decontamination procedures include existing waste removal, triple rinse of the units and cleanup of residual surficial impacts. The Project Team will manage, transport, and dispose of recovered waste in accordance with the appropriate waste classification as well as collect, remove, transport, and dispose of characteristic hazardous waste present within the buildings and structures to be demolished. Prior to off-site disposal, the building construction debris, equipment, and components will be separated from the residual hazardous waste. Following the removal and decontamination activities, verification that each of the units has been decontaminated will be assessed by the owners representative. These results will be communicated to the project manager and documented before demolition/disposal of the unit. The wastes that will be handled in conjunction with this activity are potentially hazardous to human health and the environment. Any worker who notices conditions that might adversely affect the crew or the environment has the authority to stop work as necessary. If conditions are not immediately dangerous, the worker has the responsibility to notify the Project Manager or immediate supervisor.

Building and Structure Demolition

The Project Team will demolish buildings as well as ancillary components as described in the Scope of Work. The demolition includes, installation of soil erosion measures as required. Construction debris, with the exception of recyclable materials, will be disposed of at an authorized commercial landfill as Class II Industrial waste recyclable materials will be transported to recycling facilities.

4.0 Project Quality Assurance and Quality Controls

This section includes quality assurance and quality controls implemented at the Site. Quality assurance items are primarily procedures/processes that are implemented to ensure successful completion of the project. Quality control items are used to evaluate the implemented project procedures/protocols and identify deviations.

Quality Assurance

Specific project components require strict management methods in order to ensure a successful outcome. These aspects of the job are established below, but may be augmented as necessary during the performance of the project.

Waste Tracking and Documentation

Due to the varied waste streams and large quantities of waste that will be generated during demolition, clear, concise, accurate, and up-to-date waste tracking is critical to job success. The following measures will be employed to track all Site waste streams.

- Waste streams will be generated and (typically) sorted, stacked, and/or piled within the designated staging areas to create distinct areas of like materials for loading and transportation, to the appropriate disposal/recycling facility .
- The waste will be tracked utilizing Live Logistics an online tracking system that our site supervision will updated on a daily basis regarding waste streams, disposal facilities, recycling facilities, transporters and quantities.
- Management personnel will frequently monitor waste accumulation and schedule accordingly for transportation to off load waste to appropriate disposal facilities. Anticipated truck quantities and load types will be communicated to the field office each morning or the previous evening to allow preparation of paperwork and notification of the appropriate waste facilities.

- Site managers will also frequently monitor commodity wastes to help monitor for potential material loss through theft.
- Trucks arriving at the Site will be required to check in to the field office where they will be Directed.
- Following loading, each truck receive a 21st Century Load Ticket at which time our site supervision will confirm the truck contents, estimated volume, ensure the trucker has appropriate disposal paperwork, and note the time.
- Methods to ensure that all weigh tickets and signed manifests/transport documents are received by the field office will be established following further coordination with the waste facilities.
- Waste disposal tracking data will be updated daily.

Pre-Demolition Review

Before demolition begins it is necessary to establish methods required to ensure that work activities do not proceed until proper review and coordination has been performed. The following methods should be used by all contractors:

- When preparing to begin work in a new area, contact the Project Manager to confirm the next priority work item. (Note: this review should also be performed following any change in Site conditions);
- Identify the work area and review specific hazards from the engineering survey .
- Communicate the hazards to all personnel performing the work;
- Discuss necessary hazard mitigation measures (e.g.; avoid unsafe walkways, lighting, temporary structural supports);
- Discuss the full scope of the activities to be performed at that location.
- Review the schedule for completion, especially if the work precedes another phase of the project demolition.

Daily Job Activity Log

The Project Supervisor will maintain a log of Site activities performed each day. Daily logs will be compiled on a weekly basis and utilized to prepare a weekly update of Site activities and progress. At a minimum, the daily log should include the following:

- Site activities performed and contractors on Site;
- Working hours and weather;
- All QC items performed;
- Document delays, standby, and weather stand down, and;
- General Site observations and deviations from normal conditions.

Periodic Project Review

Periodic project reviews are required to provide a format for discussion of ongoing schedules, priority assessment, project impediments, successful or unsuccessful work processes, and suggestions for improvement. Review meetings will be held as listed below:

- Primary management personnel – Weekly
- Contractor-specific management teams and workers – Twice Monthly

Quality Controls

Individual controls will be implemented to ensure that project components are being carried out in a safe, efficient manner and in compliance with project specifications. Each item below describes the activity required, the primary personnel in charge of the activities, recording/documentation requirements, and required frequency of evaluation. The various quality control items have been

separated according to the following groups:

- Asbestos Abatement Quality Control
- Hazardous Waste Removal Quality Control
- Demolition Quality Control
- Health and Safety Quality Control
- Plan Compliance Quality Control

Asbestos Abatement Quality Control

Review air monitoring results.

Review Employee certifications.

Review Daily Logs

Document Removal Quantities

5.0 Documentation and Recordkeeping

This section provides documentation and recordkeeping procedures will be implemented at the Site. Well organized and consistent methods of maintaining project information will be critical for project success. The items presented below include Site procedures for control, management, and organization of documents.

Document Control

21st Century Salvage is responsible for documentation and recordkeeping of project information. Project information will be primarily maintained on Site with the goal of allowing ready access and review by project staff and personnel. Additional measures will be employed by 21st Century Salvage to ensure that documents are protected against loss. 21st Century will focus on the following document control objectives during the project:

- Ensure that contractors/subcontractors provide all forms, documents, permits, monitoring results, etc. to the field office in a timely fashion.
- Maintain hardcopy and electronic files on Site and organize the files according to a set filing structure.
- Create electronic versions of all forms and documents related to Site activities using an on Site scanner and saving in pdf format.

5.1 Review and Evaluation

Review and evaluation of quality data/information is a fundamental component of overall quality management. Following collection of quality control data, it is the responsibility of the QA/QC Officer to review any information or observations, evaluate the effect on the project, and initiate any changes or necessary corrective measures. Some of the main review components include:

- Compile and review assessment information from QC activities;
- Evaluate deviations and (if necessary) prioritize the effect on project safety and/or success;
- Determine the appropriate required actions/corrective measures.
- Coordinate implementation of protocol changes;
- Documentation and distribution of any plan modifications.
- Perform verification of implemented protocols.

6.0 QA/QC Update

For the duration of Site activities, the QA/QC Officer will complete a monthly QA/QC update. This update will be reviewed by 21st Century Salvage and provided to the contractors/subcontractors. The document will act as an assessment of ongoing activities and a tool for notification of protocol changes

that have been implemented or proposed. The following items will be included, at a minimum, into the QA/QC Update:

- Summary of QA/QC Activities and Results.
- Results of QC review, including:
 - ✓ Deviations
 - ✓ Positive observations
- Protocol/Procedure Changes that are:
 - ✓ Proposed
 - ✓ Implemented
 - ✓ This update will provide a method for tracking QA/QC success throughout the project as well as to help ensure completion of a safe and successful project.

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City of Ann Arbor
Building Demolition Project
RFP No. 24-41

Major Subcontractors

1. Asbestos Abatement:
 - a. Environmental Maintenance Engineers, Inc.
 - b. 25851 Trowbridge St., Inkster, MI 48141
 - c. Mike Kelley
2. Fences and Gates:
 - a. Noble Fence
 - b. 52039 Zebra Wood Ct., Macomb, MI 48042
 - c. Steve Paramentler
3. HMA Paving:
 - a. TBD – Provide upon Award
4. Irrigation:
 - a. TBD – Provide upon Award
5. Masonry:
 - a. TBD – Provide upon Award
6. Electrical:
 - a. A.F. Smith Electric, Inc,
 - b. 624 South Mansfield, Ypsilanti, MI 48197
 - c. Brian Koepp



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SITE SPECIFIC SAFETY PLAN & SITE ORIENTATION

City of Ann Arbor Building Demolition Project

Project Manager: Keith Miller
Cell Phone (734) 552-2965
E-Mail: keith@21stdemo.com

Project Superintend Chuck LeBaron
Cell Phone (810) 552-9707

July 2024

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All employees are required to attend the safety orientation prior to working on site. NO EXCEPTIONS.

Safety orientation will begin each morning at 7:15 AM.

Upon completion of the safety orientation each will review the pretask planning prior to the start of work each day A daily huddle will be performed 3 times daily

All local, MIOSHA, City of Ann Arbor, & 21st Century Salvage, Inc. safety requirements must be followed at all times.

Personal Protective Equipment

- Personal Protective Equipment (PPE) must be worn at all times, as prescribed for each job, such as: hard hats (including welders when using welding hoods) and safety glasses (ANSI Z87.1 approved), 100% of the time within the confines of the construction area, gloves when handling materials, especially materials with sharp edges or hazardous chemicals, face shields with safety glasses during grinding activities, construction footwear, shirts with sleeves (no tank tops), long pants (no exceptions), respirators when working around an excess of silica dust, etc.
- Properly care for, and be responsible for all of your PPE. If you encounter any problems with your PPE, notify your foreman or project superintendent immediately.

Job Safety Board

- This board shall be posted and maintained at the main entrance of this job site and will be accessible to all contractors, U of M Staff, and Inspectors.
- This board shall have at a minimum the following items:
 - Basic Project Information
 - MIOSHA Poster
 - Name and numbers of key contact personnel for the project
 - Emergency procedures and contact numbers
 - Location of Project-Specific Plan can be found
 - Location of Project related Material Safety Data Sheets
 - Shut down notices and posting of other activities requiring coordination
 - Calendar for upcoming job and safety meetings
 - Location of Accident Reports
 - Hot Work permits
 - Job Safety Analysis forms
 - Location of First Aid Kit
 - Extra Fire Extinguishers
 - Spill Kit
 - U of M Tip Line information
- Each Subcontractor shall be responsible for filing the following information in a binder provided by 21st Century Salvage, Inc. Project Superintendent:
 - Name of Foreman with 30hr OSHA Safety Construction Course and copy of card
 - Name of individual with First Aid and CPR training and copy of card
 - All employees are required to have Asbestos Awareness Training
 - Copies of Toolbox Talks
 - Copies of Daily Safety Huddles
 - Active Hot Work Permits
 - Active Job Task Analysis

- Material Safety Data Sheets (MSDS)
- Copies of any certifications required to perform their work, i.e. aerial lifts, power actuated tools

BINDERS WILL BE AUDITED ON A REGULAR BASIS FOR COMPLETION

Visitor Policy

- All visitors are required to sign in at the onsite field office where they will be given a site orientation or be assigned an escort designated to provide them with the required access. Hard hats, safety glasses, appropriate hard sole shoes and a safety vest will also be required at a minimum for site access.

Project Safety Personnel

- A designated Project Safety Representative shall be on site while work is being performed.
- Representatives shall have at a minimum the OSHA 30 hour Construction Safety Course, and have current CPR and First Aid training by a nationally recognized program.
- Contact information; i.e. names and phone numbers shall be posted on the Job Safety Board.
- Representative's shall be responsible for the overall safety of the project, this includes but is not limited to:
 - Compliance of Project Specific Safety Plan
 - Project Specific Orientation
 - Review/Approval of Job Task Analysis (JTA)
 - Accident investigation
 - Documented safety inspections

Noise and Vibrations

- All work having excessive noise and vibration will be performed OFF HOURS.
- Prior to beginning any work that could cause disruptive noise or vibration to the facility, such as saw cutting, hammer drilling, jack hammering, or coring, 21st Century Salvage, Inc. and U of M shall be notified! ***Note: While this may seem a minor issue to some, it can have major affects on the people within the facility. Always proceed with caution and cease any operations upon request.***

Electrical

- Do not use power tools and equipment until you have been properly instructed in the safe work methods and become authorized to use them. Make sure all attachments are connected to the power tools. (i.e. 2nd handle for handheld grinders, guards are in place where required)
- Use only extension cords of the three-prong type. Use ground fault circuit interrupters (GFCI) at all times (including when using existing building power) and when using tools in wet atmospheres or with any temporary power supply. Check the electrical ground system and cords daily.
- All temporary electrical panels must be labeled "hot" with the voltage on the exterior cover. Covers must remain in place and never be left open and unattended.
- Worn, frayed or damaged cords shall be tagged as "Unusable" and removed from the job site.

Ladders

- Use the "four and one" rule when using a ladder. One foot base for every four feet in height.

- Ladders must be solidly constructed and set on a substantial base. Ladders must be equipped with feet unless ladder is tied, blocked, or otherwise secured.
- Always face a ladder when ascending or descending.
- Do not use defective ladders that are broken, weak or missing rungs.
- Step ladders shall never be used as a straight ladder or are they to be straddled.
- Ladders must extend three feet above landings (excavations, floors, roofs) for proper use.

Subcontractors Requirements

- Hot Work Permits must be obtained daily or any and all demolition. Be sure to obtain these and post in designated location.
- Any work that may cause dust must be watered down to keep the dust at a minimum. Disassemble any items marked for demolition. DO NOT drop; knock down, tear, etc. as this will create excess dust that will not be tolerated.
- All demolition will follow this rule: **GREEN** – it goes, **RED** – it stays, **UNMARKED** – STOP!
- **In addition to an ABC fire extinguisher, each contractor is to provide a water fire extinguisher during all phases of demolition,**
- Know where fire extinguishers are located on the project.
- When welding, cutting or torching, make sure to have a fire extinguisher within view.
- Secure compressed gas cylinders to carts when moving cylinders. When storing, cap cylinders in an upright position and separate (oxygen from combustible gases) by 20 feet or a five-foot, noncombustible wall.
- No flammable liquids, such as oil, gasoline, solvent or roofing material shall be brought into the building at any time, see Fire Prevention policy below.
- Fall protection is required for any work that is above six (6) feet, this includes all roofing operations, scaffolding, and steel erection. MONITORS ARE NOT ACCEPTABLE IN LIEU OF FALL PROTECTION!
- A cutting/welding Hot Work permit must be obtained by the contractor, from the 21st Century Salvage, Inc. Project Superintendent and must comply with the requirements and precautions contained in such. The permit must be posted where it can be easily viewed. Each permit must be turned into the 21st Century Salvage, Inc. Project Superintendent at the end of each shift.
- See below **HOT WORK / DUST PERMIT** policy for requirements.
- Asbestos/Lead awareness, refer to Specification Book for known asbestos locations. If other areas of asbestos/lead are discovered, report it to Project Superintendent immediately; see Asbestos/Lead Awareness policy below.

General Safety

- First Aid Kit is to be located at the Job Safety Board.
- Work and exit areas must be kept clean and orderly. Housekeeping on the job site is everybody's responsibility. This is especially critical in staff corridors, and fire egress routes!!
- All fire exit doors, smoke doors and corridors are to be kept clear of construction debris, equipment and materials at all times. Any changes to the existing fire evacuation plan due to construction must be pre-approved by 21st Century Salvage, Inc. and City of Ann Arbor and clearly posted. This change will be reviewed with personnel in the area.
- The audible signal to evacuate the building will be an Air Horn or Fire Alarm, at this time all construction personnel are to immediately and safely move to the designated area; *South end of parking lot, at that time each trade is to account for their workers and report it to Project Superintendent.*

- When work is to be performed around the general public some type of barrier protection is needed to keep the public safe.
- Keep your mind on your work at all times. No horseplay on the job. Injury or termination or both can be the result.
- Be aware of your surroundings, watch where you are walking. Don't run.
- Do not distract the attention of fellow workers. Do not engage in any act, which would endanger another employee.
- **NO SMOKING! THIS IS A NON SMOKING JOB SITE.**
- 10 to 30 day notices are required for all shutdowns, refer to specs. These notices must be submitted to Project Superintendent.
- Each employee must have their badge displayed while they are working throughout the building (inside and outside).
- Smoke detectors must be bagged before work starts and must be removed when work is complete in area. This will be performed by 21st Century Salvage, Inc. DO NOT START WORK IN AREA UNTILL THIS IS COMPLETED.
- Food and drinks are permitted in designated areas only.
- Job and all areas must stay clean at all times.
- Cell Phones are to be used only in areas free from all construction activities. Phones or other communication devices may be used to perform work only if designated for a particular purpose in the Job Task Analysis.
- Evacuation plan is posted at each work area. Meeting area will be in the open field north of jobsite.
- Be courteous at all times when dealing with staff of this facility. Staff ALWAYS is to be given the right of way inside the building and out.
- Firearms of any kind are prohibited on the job site and or parking areas.
- All visitors must first report to 21st Century Salvage, Inc. Project Superintendent; they will either need to go through the Project Safety Orientation or be escorted by a Project Team Member. The proper PPE will be required prior entering the job site or construction area.

EXCAVATION SAFETY PROCEDURE

IT IS IMPERATIVE THAT ALL WORKERS UNDERSTAND THAT NO TASK IS SO IMPORTANT OR SO URGENT THAT IT CANNOT BE DONE SAFELY.

The purpose of this procedure is to assure an ***Incident and Injury Free Workplace*** when personnel work in excavations and trenches at 21st Century Salvage, Inc. jobsites. 21st Century Salvage, Inc. requires all employees and contractors performing work on behalf of 21st Century Salvage, Inc. to follow these procedures. These safety procedures are considered as a minimum requirement and are mandatory. Additional safety measures may be required by government regulations, owners or job specific requirements.

Below is a summary of 21st Century Salvage, Inc.'s safety requirements for performing trenching and excavations. The OSHA standards for working in excavations and trenches. (29 CFR 1926.650, 1926.651, and 1926.652) may be obtained from OSHA's website at www.osha.gov. Standards may also be obtained from MIOSHA Part 9. Excavation, Trenching and Shoring at MIOSHA's website at www.michigan.gov/miosha. It is the responsibility of the parties conducting the work to understand and follow all required safety regulations and practices. In all cases where regulations or job conditions require more stringent requirements than stated in these procedures, the more stringent rules shall be applied.

Definitions

Benching - A method of protecting employees from cave-ins by excavating the sides of a trench excavation to form one or a series of horizontal levels or steps, usually with vertical or near-vertical surfaces between levels.

Competent Person - Defined by OSHA as a person capable of identifying existing and predictable hazards in the surroundings, or working conditions that are unsanitary, hazardous, or dangerous to employees. Authorized to take prompt corrective measures to eliminate existing and predictable hazards and to stop work when required. A competent person should have and be able to demonstrate the following:

1. Training experience, and knowledge of:
 - Soil analysis
 - Use of protective systems
2. Ability to detect:
 - Conditions that could result in cave-ins
 - Failures in protective systems
 - Hazardous atmospheres
 - Other hazards including those associated with confined spaces

Shield (shield system) - A structure that is able to withstand the forces imposed on it by a cave-in and thereby protect employees within the confines of the structure. Shields can be permanent structures or can be designed to be portable and moved along as work progresses. Also known as trench box or trench shield.

Shoring (shoring system) - A structure such as a metal hydraulic, sheet pile, mechanical or timber shoring system that supports the sides of an excavation and which is designed to prevent cave-ins.

Sloping (sloping system) - A method of protecting employees from cave-ins by excavating to form the sides of an excavation which are inclined away from the excavation. The angle of incline varies with differences in such factors as the soil type, environmental conditions, and depth of exposure.

Sequence and Safe Method of Work

- An OSHA defined Competent Person must be onsite at all times while trenching work is underway and before employees enter the trench.

- An Excavation Inspection - Permit to Work form must be completed prior to beginning excavation and daily or whenever conditions change that may affect the excavation.

- A pre-task analysis must be completed and reviewed in depth with employees prior to beginning work.

- Preliminary planning work (identification of underground utilities, spoil layout, emergency procedures) must be completed prior to beginning work.

- Safety procedures (which include barricades, PPE, and other procedures to protect employees and customers) must be followed.

- Once work begins, employees are not allowed in the trench while equipment is digging, unless safe means and methods have been established.

- A means must be provided for employees to safely enter and exit from the trench (such as with ladders or ramps).
- Cave-in protection, such as sloping, shoring, and/or trench boxes, must be used when the trench depth reaches 5 feet or deeper.
- The potential for a hazardous atmosphere always exists in an excavation; therefore, air monitoring must be done prior to personnel entering any excavation greater than 4 feet or utilities presenting the potential for a hazardous atmosphere are present. Work must be suspended if a hazardous atmosphere is detected.

Required Safety Practices

Competent Person

A competent person shall be placed in charge of all excavations. The competent person shall be responsible for classification the soil type, daily inspections of excavations and protective systems, monitoring water removal and equipment, and determining if the excavation is safe for personnel to work in it.

Inspections

The competent person shall conduct inspections for evidence of possible cave-in, failure of protective systems, hazardous atmospheres, and other hazardous conditions when there is an employee exposure:

- Daily and before the start of each shift
- As dictated by the work being done in the trench
- After every rainstorm
- After other events that could increase hazards, such as a snowstorm, thaw, earthquake, dramatic change in weather, etc.
- When fissures, tension cracks, sloughing, undercutting, water seepage, bulging at the bottom, or other similar conditions occur
- When there is a change in the size, location, or placement of the spoil pile
- When there is indication of change or movement in adjacent structures
- For excavations 5 feet or greater in depth, an **Excavation Inspection Form** shall be filled out for each inspection (See appendix B for sample form)

Soil Type

Because most excavations on jobsites will be conducted in areas where soil has been previously disturbed, **excavations shall be made to meet the requirements for Type B or Type C soils** as covered below:

- Type B - Medium stability: silt, sandy loam, medium clay and unstable dry rock; previously disturbed soils unless otherwise classified as Type C; soils that meet the requirements of Type A soil but are fissure or subject to vibration. (Bench/slope to a 1:1 or 45° angle)
- Type C - Least stable: gravel, loamy sand, soft clay, submerged soil or dense, heavy unstable rock, and soil from which water is freely seeping (Bench/slope to a 1 1/2:1 or 34° or 2:1 or 26° angle)

Excavating Soil

- Underground utilities must be located and marked before excavation begins
- Employees are not allowed in the excavation while heavy equipment is digging

Spoil

Temporary spoil shall be placed so that:

It is no closer than 2 feet from the surface edge of the excavation (permanent spoil should be placed a much greater distance from the excavation)

- Loose rock or soil from the temporary spoil will not fall on employees in the trench
- It channels rainwater and other run-off water away from the excavation
- It cannot accidentally run, slide, or fall back into the excavation

Surface Crossing of Trenches

Surface crossing of trenches should not be made unless absolutely necessary. When necessary, they are only permitted under the following conditions:

- Vehicle crossings must be designed by and installed under the supervision of a Registered Professional Engineer
- Walkways or bridges must:
 - have a minimum clear width of 20 inches
 - be fitted with standard rails

Ingress and egress

- Trenches four feet or more in depth shall be provided with a fixed means of egress
- Spacing between ladders or other means of egress must be such that worker will not have to travel more than 25 feet laterally to the nearest means of egress
- Ladders must be secured and extend a minimum of 36 inches above the landing
- Metal ladders should not be used

Hazardous Atmospheres and Confined Spaces

- Personnel shall not be permitted to work in hazardous and / or toxic atmospheres
- Testing must be conducted before personnel enter a trench or excavation and then periodically to ensure the excavation remains safe
- The frequency of testing should be increased if equipment or processes used in the trench may alter the atmosphere
- Operations involving hazardous atmospheres must be conducted in accordance with OSHA/MIOSHA requirements
- Excavations may qualify as permit required confined spaces

Standing Water and Water Accumulation

The following requirements for controlling water accumulation must be provided if personnel must work in the excavation:

- Personnel must not work in excavations where standing water has accumulated
- Water removal or de-watering equipment, such as pumps, are installed and monitored by a competent person
- Personnel must exit from the excavations during rainstorms
- Trenches must be carefully inspected by a competent person after each rainstorm and before personnel are permitted to re-enter

Benching, Sloping, Shoring, and Shielding

- All excavations or trenches 5 feet or greater in depth shall be appropriately benched, shored, or sloped according to OSHA/MIOSHA requirements
- Excavations or trenches 20 feet deep or greater must have a protective system designed by a Registered Professional Engineer
- Excavation under the base of a foundation, footing or wall requires a support system designed by a Registered Professional Engineer

-Sidewalks and pavement shall not be undermined unless a support system or another method of protection is provided to protect from possible collapse

Respirator Use

- Never wear a respirator (nuisance, ½ mask, etc.) without being properly fit tested and trained. If you decide to wear a respirator voluntarily please be sure you understand the following:
 - Appendix D of the respiratory protection standard MIOSHA part 451:

Respirators are an effective method of protection against designated hazards when properly selected and worn. Respirator use is encouraged, even when exposures are below the exposure limit, to provide an additional level of comfort and protection for workers. However, if a respirator is used improperly or not kept clean, the respirator itself can become a hazard to the worker. Sometimes, workers may wear respirators to avoid exposures to hazards, even if the amount of hazardous substance does not exceed the limits set by MIOSHA standards. If your employer provides respirators for your voluntary use, or if you provide your own respirator, you need to take certain precautions to be sure that the respirator itself does not present a hazard.

You should do the following:

1. Read and heed all instructions provided by the manufacturer on use, maintenance, cleaning and care, and warnings regarding the respirators limitations.
2. Choose respirators certified for use to protect against the contaminant of concern. NIOSH, the National Institute for Occupational Safety and Health of the U.S. Department of Health and Human Services, certifies respirators. A label or statement or certification should appear on the respirator packaging. It will tell you what the respirator is designed for and how much it will protect you.
3. Do not wear your respirator into atmospheres containing contaminants for which your respirator is not designed to protect against. For example, a respirator designed to filter dust particles will not protect you against vapors, or very small solid particles of fumes or smoke.
4. Keep track of your respirator so that you do not mistakenly use someone else's respirator.

Fall Protection

- Fall protection (harness and lanyard) must be used when exposed to a fall hazard greater than 6 feet as required by MIOSHA fall protection standard, part 45.
- Aerial lifts (including scissor lifts when the owner requires) must have a manufacturer approved tie-off point which employees must connect to as soon as they step in the machine. All operators of aerial lifts must show proof of certification that they are allowed to work on that lift.
- If an employee must exit the platform of the manlift (taking them outside the perimeters of the guardrail) they must use the double-lanyard system for fall protection. Two lanyards connected to the harness. One lanyard connected to the manufacturer approved tie-off point. When you need to leave the platform, tie-off with the second lanyard to an approved tie-off point, preferably overhead, and then unhook the first one.
- Do not enter a barricaded area or remove any barricades without the permission of the 21st Century Salvage, Inc. Project Superintendent.

Lockout/Tagout

- A lockout/tagout station has been provided for this project. If it is necessary to use a lockout/tagout system in a work area, the 21st Century Salvage, Inc. Project Superintendent must be contacted and a lockout/tagout device must be checked out.

- Before servicing, repairing or adjusting any powered tool or piece of equipment, disconnect it, lock out the source of power and tag it.
- Be sure that all guards are in place. Do not remove, displace, damage or destroy any safety device or safeguard furnished or provided for use on the job, nor interfere with the use thereof.
- Any work that is to be done in a HOT electrical panel tradesman must adhere to NFPA 70E Requirements.

Scaffolding

- Build scaffolds according to manufacturers recommendations and MIOSHA construction safety standard part 12-Scaffolding.
- Fall protection (harness and lanyard) must be used when exposed to a fall hazard greater than 6 feet as required by MIOSHA fall protection standard, part 45.
- Scaffold planks shall be properly overlapped, cleated or otherwise secure to prevent shifting.
- Scaffolding requires a competent person; **this person must inspect and tag the scaffolding daily**. Make sure you know who your competent is.
- Immediately report all injuries, near misses or incidents, whether to yourself or a co-worker, to the 21st Century Salvage, Inc. Project Superintendent. Any on-the-job injury, which requires medical attention, shall be treated immediately.
- When using baker or mobile scaffolds employees standing on the platforms must never allow themselves to be propelled/moved or propel/move themselves. All wheels must always remain locked to prevent movement.

Confined Space

- Never enter a manhole, well, shaft, tunnel or other confined space which could possibly have a non-respirable atmosphere because of lack of oxygen, or presence of toxic or flammable gases, or has a possibility of engulfment by solids or liquids. Make certain a qualified person tests the confined space area with an appropriate detector before entry and make sure to wear the necessary safety equipment. Standby attendant may be required to be stationed at the entrance.
- Never follow a co-worker into a confined space if they have gone down. Most rescue attempts result in injury to you.
- If you do not understand the definition of "confined space", ask your foreman, superintendent, or qualified person.

Incident Reporting

- Contact the 21st Century Salvage, Inc. Project Superintendent immediately to report an injury, near miss or incident. An investigation will immediately occur with necessary corrective measures. All information and assistance must be made available, upon request, to assist with an incident investigation, if necessary.
- Never move an injured person unless it is absolutely necessary. Further injury may result. Keep the injured as comfortable as possible and utilize job site first aid equipment until an ambulance arrives.
- The use of intoxicating beverages or illegal drugs on jobsites is forbidden. Violation of this policy can lead to immediate termination.
- Know what emergency procedures have been established for your jobsite. (Location of clinic, hospital, evacuation plan, etc.)
- In the event emergency assistance is called, U of M Project Manager is to be notified, by

21st Century Salvage, Inc. Project Superintendent.

- In addition to monthly reporting requirements, additional reporting for recordable incidents, MIOSHA citations, fire, medical, environmental, and other emergencies is required to be submitted within 24 hours to U of M Project Manager. For any injuries the MIOSHA 301 form or equivalent are to be used.

Environmental Health and Safety

- In the event of an accidental spill, immediately contact your foreman, the 21st Century Salvage, Inc. Project Superintendent, and OSEH Department.
- If possible, without endangering individuals, take steps to contain the spill. If you are unsure of the hazard, wait for the proper authority to arrive and handle the situation.
- Spill Kit is located by the Job Safety Board.
- Contractors working on refrigeration systems, air-cooling units or any other CFC containing equipment must be removed from the system during work. The contractor will properly recover and dispose of any CFC per State and Federal requirements.
- Storm drains must be protected at all time.
- **NO DUMPING** of any chemical products to the ground, sinks, floor drains, storm drains, or regular trash receptacles. The improper disposing of waste material by any persons will result in the immediate and permanent removal from the job site.

Chemical Storage and Disposal

- Universal waste collected and containerized in U of M supplied containers when the containers are ready for removal from site 21st Century will coordinate with U of M for removal.

Asbestos/Lead Awareness

- If asbestos and or Lead has been discovered throughout certain areas of the building, per MIOSHA standard, Part 602, all employees on this project are required to have completed the asbestos awareness training. Copies of the certification of training must be provided to 21st Century Salvage, Inc. project superintendent during orientation. Should an employee not have the proper training, they will not be allowed to work onsite until training has been completed. Refer to Project Specification Book, Section 13280 (Asbestos Abatement) and Section 13285 (Lead Products Removal and Disposal).

Hot Work / Dust Policy

- **HOT WORK / DUST:** Is considered any activity that will generate sparks or involve open flame including but not limited to: welding, soldering, brazing, grinding, torch cutting. Smoke detectors must be bagged in work areas prior to work starting. Permit must be obtained before smoke detectors are bagged.

TRADE FORMAN RESPONSIBILITY: If your daily activity will include HOT WORK the following procedure must be followed:

1. Obtain a HOT WORK NOTICE from 21st Century Salvage, Inc. site office (Please Review Sample Attached)
2. Inform the 21st Century Salvage, Inc. Project Superintendent when and where you will be performing the HOT WORK. The Superintendent is required to verify and sign the form prior to starting the work.
3. As the trade Foreman, print the information on the left side of the form.
4. Comply with the REQUIRED PRECAUTIONS CHECKLIST identified on the right side of the form. Review the checklist with the tradesman performing the work.
5. After the site Superintendent has verified and signed the notice, post the notice near the HOT WORK.

6. It is the Tradesmen and Foreman's responsibility to maintain a fire-safe area throughout the day.
7. All HOT WORK NOTICE forms must be turned into the site Superintendent prior to being issued a new HOT WORK NOTICE.
8. Each contractor shall ensure that a fire watch will remain in the area of the hot work for at least **3 hours** after work has been finished.
9. Sign Hot Work Log.

A HOT WORK / DUST PERMIT MUST BE PULLED OR RENEWED DAILY. To avoid delays, please comply with the REQUIRED PRECAUTIONS CHECKLIST prior to requesting the Superintendent's review.

Equipment

- Operators must have proper certification to operate equipment; this certification/card must be copied and filed in the binder at the Job Safety Board.
- A daily equipment checklist form must be filled out by the operator, for each piece of equipment utilized per day.
- Crane operators must provide a copy of their (NCCCO) National Commission for Certification of Crane Operators; this will be filed in binder located at Job Safety Board.
- Copy of Cranes Annual inspection will be filed in binder located at Job Safety Board.
- A crane action plan must be completed prior to any lifts occurring on the project. Included in the crane action plan; path of lift, barricading required, sketch of crane location in conjunction with building location, and any other special requirements for the lift that are needed.
- All equipment shall have working back-up alarms.
- A spotter, wearing a fluorescent colored vest shall accompany equipment that must travel throughout the project or occupied areas of the campus.

Job Task Analysis

- A job task analysis is required to be filled out by all contractors for high-risk activity. High-risk includes, but is not limited to: excavations greater than 5', roof top unit installations, crane lifts, working at heights greater than 6', etc. All contractors are to turn in a job task analysis for review by the project superintendents and site safety coordinator prior to the work taking place.
- A JTA will be required for all shutdowns. This will show what the contingency plan is in the event that power, water pressure, air pressure, etc are not restored as expected.

Fire Prevention and Protection

- All flammable liquids shall be stored in approved safety cans that comply with rules and industry standards. These materials shall be stored outside unless specific authorization has been granted by U of M Fire Marshal.
- A total of (8) eight 10 lb. Type ABC fire extinguishers will be available for general job site protection. Each contractor must provide a dedicated fire extinguisher for their hot work operations. Make sure all extinguishers are properly labeled and inspected.
- All oily rag and cloths shall be taken off site at the end of each shift for proper disposal.
- Fire alarm detection devices (smoke/heater detectors) and or fire suppression equipment shall not be covered, removed, or otherwise impaired without prior approval and coordination from the appropriate department:

Fire Alarm Shop 734-647-2046

U of M Fire Marshall 734-615-6764

- ABC type fire extinguishers are to be placed at each entrance to the building and within 75-feet of the work area at all times while work is being performed within the building.
- Fire extinguishers are to be inspected monthly and go through a complete maintenance check annually.

Job Site Safety Audit

- Each contractor is required to turn in a weekly job site safety audit for their work area to the site safety coordinator. These audits will be reviewed by the site safety coordinator and any issues observed will be addressed and corrected.
- 21st Century Salvage, Inc. will conduct and document random job site health and safety inspections. Hazards identified in this inspection will be monitored on a daily basis. Contractors cited will be expected to correct the condition immediately.
- Job site safety performance is reviewed in our monthly Corporate Safety Committee meeting. This includes review of daily huddles, pre-task paper work, weekly safety meeting content and standard operating procedures.

Hazard Communication

- All contractors must turn in (2) two copies of their Material Safety Data Sheets, this must be done prior to starting work onsite. One copy will be kept in the 21st Century Salvage, Inc. job site trailer and a second will be put in a binder that will be kept at the Job Safety Board. It is imperative that these are accurate and up to date with the material being brought onsite.

Toolbox Talks

- Each contractor is required to hold Daily Safety Huddles and Weekly Toolbox Talks every Monday morning. A copy of these Toolbox Talks and Daily Safety Huddles must be filed in the binder for each contractor, located at the Job Safety Board. If contractors do not have their own copies, please contact the project superintendent and copies of toolbox topics will be provided for you.

Substance Abuse Policy

21st Century Salvage, Inc. is committed to protecting the safety, health and well being of all employees/contractors and other individuals in our workplace. We recognize that alcohol and drug use pose a significant threat to those goals. To promote this objective, employees/contractors are required to report for work in appropriate mental and physical condition to perform their jobs in a satisfactory manner.

Each subcontractor performing any work on this project shall provide evidence of participation in a drug and alcohol screening program that includes the following elements:

- Independent laboratory testing
- Nine (9) panel minimum drug screening for the presence of amphetamines, barbiturates, benzodiazepine, cannabinoids, cocaine, methadone, opiates, phencyclidine and propoxyphene.
- Alcohol detection by a breathalyzer or blood alcohol testing
- Clear pass / fail criteria
- Provides for initial, annual, for cause, and post accident screening
- Designated medical reviewer
- Card, letter, or internet based verification of worker compliance, by third party

Violations of this policy will result in the immediate and permanent removal from the job site.

Each of these safety rules must be obeyed. Failure to do so will result in strict disciplinary action being taken, up to and including removal from the project.

Disciplinary Procedures

1. Employee observed of non-compliance of a safety rule will receive a written warning. This warning will be forwarded on to your company and 21st Century Salvage, Inc.'s safety director.
2. Employees observed for a second time in non-compliance of a safety rule will be immediately and permanently removed from the project.

A zero tolerance policy has been established for serious violations, actions that could result in causing serious harm to another employee, threats, harassment and lewd behavior, etc. Should an employee's actions fall under this zero tolerance policy a mandatory meeting will be held with that subcontractor and members of the 21st Century Salvage, Inc. project team.

Each employee on this project has the authority and responsibility to stop any unsafe working conditions or acts which could endanger the lives of others in the area. Each employee will have the full support of 21st Century Salvage, Inc. should they report and/or stop any unsafe condition or act.

INJURY PROCEDURES FOR CONTRACTORS

- All injuries must be reported to 21st Century Salvage, Inc. Project Superintendent: **Mike Sheppard (810) 965-3505**
- 21st Century Salvage, Inc. Project Superintendent shall notify U of M Project Management Team.
- All Emergency and Non Emergency call:

Department of Public Safety (DPS) (734)763-1131

For all non-emergency injury treatment

Concentra Medical Center
3131 S. State Street Ann Arbor, MI 48108
(734) 213-6285

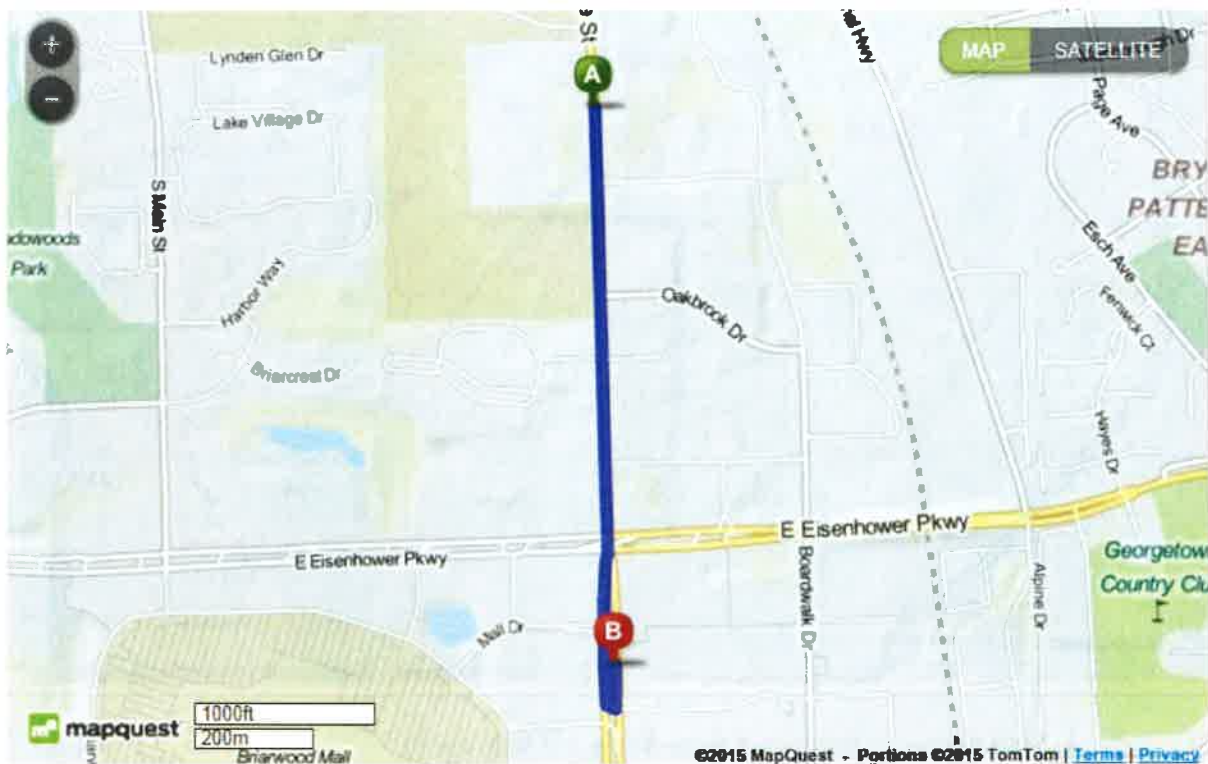
For all emergencies




University of Michigan Hospitals & Health Centers
1500 E. Medical Center Drive Ann Arbor, MI 48109

For all non-emergency injury treatment - 2500 South State St.

Concentra Medical Center
3131 S. State Street
Ann Arbor, MI 48108
734.213.6285

Total Travel Estimate: **0.76 miles - about 1 minute**

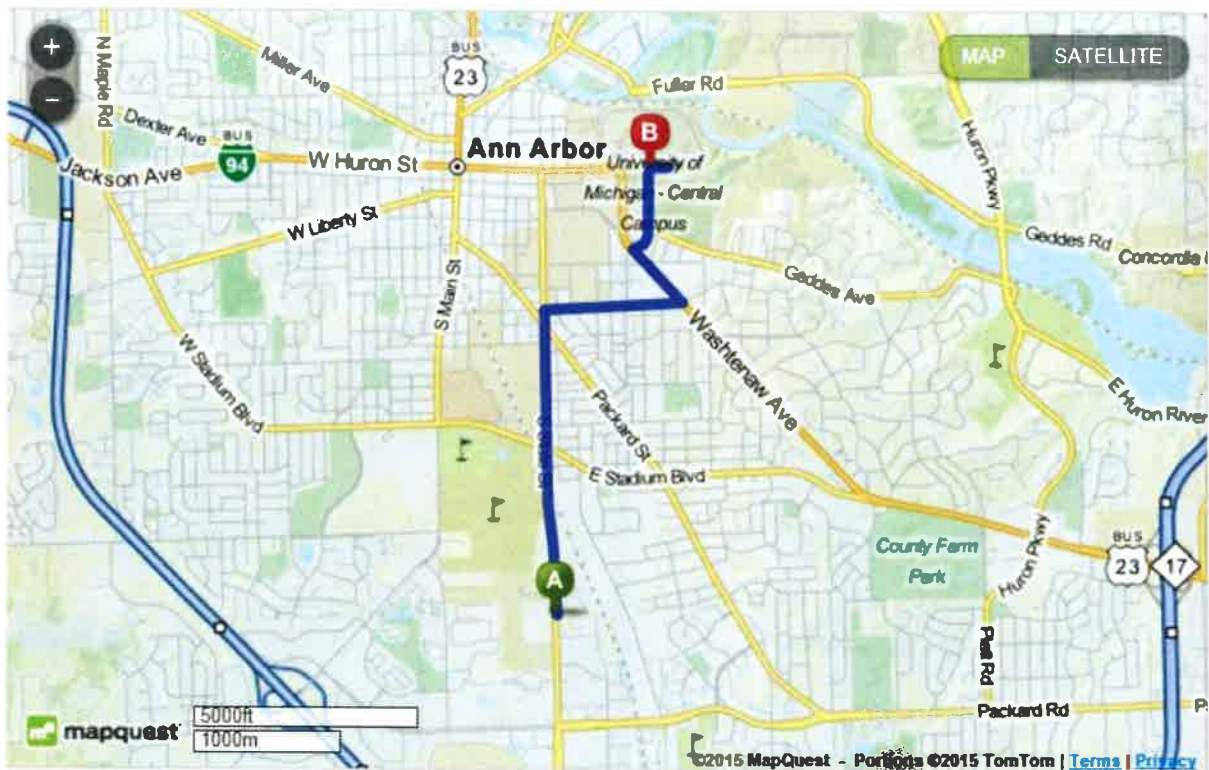


-  1. Start out going south on S State St toward Oakbrook Dr. 0.6 mi
1 minute
-  2. Make a U-turn onto S State St. 0.1 mi
-  3. 3131 S STATE ST is on the right.
 - If you reach E Eisenhower Pkwy you've gone about 0.1 miles too far

For all emergencies - 2500 South State St.

University of Michigan Hospitals & Health Centers
1500 E Medical Center Dr.
Ann Arbor, MI 48109-0100

Total Travel Estimate: **2.98 miles - about 7 minutes**



1. Start out going north on S State St toward Stimson St. 1.4 mi
3 minutes
2. Turn right onto Hill St. 0.6 mi
1 minute

 - Hill St is just past Arbor St
 - Quickie Burger is on the left
 - If you reach Whaley Ct you've gone a little too far
3. Turn left onto Washtenaw Ave / I-94 Bus W / US-23 Bus N. 0.3 mi

 - Washtenaw Ave is just past Lincoln Ave
 - If you reach Oxford Rd you've gone about 0.1 miles too far
4. Turn right onto Observatory St. 0.4 mi
1 minute

 - Observatory St is just past Washtenaw Ct
 - If you are on Washtenaw Ave and reach Wilmot St you've gone a little too far



5. Turn right onto E Medical Center Dr.

0.1 mi

- E Medical Center Dr is just past Washington Hts
- Wendys is on the corner



6. Make a U-turn onto E Medical Center Dr.

0.08 mi

- If you reach E Hospital Dr you've gone a little too far



7. 1500 E MEDICAL CENTER DR is on the right.

- Your destination is just past Simpson Rd
- If you reach Observatory St you've gone a little too far

HAZARD COMMUNICATION PROGRAM

This program has been prepared to comply with the requirements of the MIOSHA construction standards – Part 42. Right to Know/Hazard Communication/Retention of DOT Markings, Placards & Labels to ensure that information necessary for the safe use, handling and storage of hazardous chemicals is provided to and made available to employees. This program includes guidelines on identification of chemical hazards and the preparation and proper use of container labels, placards and other types of warning devices.

A. CHEMICAL INVENTORY

Each 21st Century Salvage, Inc. project maintains an inventory of all known chemicals used on for that project. A chemical inventory list is available from the project superintendent for the project you are working on.

Hazardous chemicals brought onto the worksite by 21st Century Salvage, Inc. will be included on the hazardous chemical list.

B. CONTAINER LABELING

All chemicals on site will be stored in their original or approved containers with a proper label attached, except in small quantities for immediate use. Any containers not properly labeled should be given to the project superintendent for labeling or proper disposal.

Workers may dispense chemicals from original containers only in small quantities intended for immediate use. Any chemical left after work is completed must be returned to the original container or the project manager for proper handling.

No unmarked containers of any size are to be left in the work area unattended.

21st Century Salvage, Inc. will rely on manufacturer applied labels whenever possible, and will ensure that these labels are maintained. Containers that are not labeled or on which the manufacturer's label has been removed will be relabeled.

The project superintendent will ensure that each container is labeled with the identity of the hazardous chemical contained and any appropriate hazard warnings.

C. MATERIAL SAFETY DATA SHEETS (MSDS)

Employees working with a Hazardous Chemical may request a copy of the material safety data sheet (MSDS). Requests for MSDS should be made to the project superintendent.

MSDS should be available and standard chemical reference may also be available on the site to provide immediate reference to chemical safety information.

The project superintendent will provide the owner and/or the construction manager, upon request, copies of the MSDS for the chemicals brought on that project.

D. EMPLOYEE TRAINING

Employees will be trained to work safely with hazardous chemicals. Employee training will include:

- Methods that may be used to detect a release of a hazardous chemical(s) in the workplace
- Physical and health hazards associated with chemicals
- Protective measures to be taken

- Safe work practices, emergency responses and use of personal protective equipment
- Information on the Hazard Communication standard including
 - i. Labeling and warning systems
 - ii. An explanation of Material Safety Data Sheets

E. PERSONAL PROTECTIVE EQUIPMENT (PPE)

Required PPE is available from the project superintendent. Any employee found in

violation of PPE requirements may be subject to disciplinary actions up to and including discharge.

F. EMERGENCY RESPONSE

Any incident of over exposure or spill of a hazardous chemical/substance must be reported to the project superintendent at once.

The foreman or the project superintendent will be responsible for insuring that proper emergency response actions are taken in leak/spill situations.

G. HAZARDS OF NON-ROUTINE TASKS

Project superintendents will inform employees of any special tasks that may arise which would involve possible exposure to hazardous chemicals.

Review of safe work procedures and use of required PPE will be conducted prior to the start of such tasks. Where necessary, areas will be posted to indicate the nature of the hazard involved.

H. INFORMING OTHER EMPLOYERS

Other on site employers are required to adhere to the provisions of the Hazard Communication standard.

Information on hazardous chemicals known to be present will be exchanged with other employers. Employers will be responsible for providing necessary information to their employees.

I. 21st Century Salvage, Inc. has posted information for employees at this jobsite to know the exact location of the MSDS for the chemicals on this project.

MIOSHA RIGHT TO KNOW HAZARD COMMUNICATION COMPLIANCE

EMPLOYEE INFORMATION SHEET

Common S.D.S. Terms

ACUTE EFFECT: An adverse effect with severe symptoms occurring very quickly, as a result of a single excessive overexposure to a substance.

ACUTE TOXICITY: The adverse effects resulting from a single excessive overexposure to a substance. Usually a figure denoting relative toxicity.

ASPHYXIAN: A vapor or gas that can cause unconsciousness or death by suffocation. Most are associated with a lack of sufficient oxygen to promote life.

BOILING POINT: A temperature at which a liquid turns to a vapor state. This is usually associated with the temperature at sea level pressure when a flammable liquid gives off sufficient vapors to promote combustion.

CEILING or “C”: In terms of exposure concentrations, this is the number that should never be exceeded even for a short period, for a substance.

CARCINOGEN: A substance or agent capable of producing cancer in mammals.

CUBIC CENTIMETER or “cc”: A volume measurement usually associated with small quantities of a liquid. One quart has 946 cubic centimeters.

CHRONIC EFFECT: An adverse effect with symptoms that develop or recur very slowly, or over a long period of time.

CHRONIC TOXICITY: The adverse effect resulting from prolonged or repeat exposures to a substance, usually used as an indicator or relative toxicity for exposures over great lengths of time.

COMBUSTIBLE: A term used to classify liquids, gasses or solids that will burn readily. This term is often associated with “flash point”, which is a temperature at which a given material will generate sufficient vapors to promote combustion.

CONCENTRATION: A figure used to define relative quantity of a particular material. Such as a mixture in air of 5 ppm Acetone in Air.

CORROSIVE: A material with the characteristic of causing irreversible harm to human skin, or steel by contact. Many acids are classified as corrosives.

DECOMPOSITION: The breakdown of materials or substances into other substances or parts of compounds. Usually associated with heat or chemical reactions.

DERMAL: Used on or applied to the skin.

DERMAL TOXICITY: The adverse effects resulting from exposure of a material to the skin. Usually associated with lab animal tests.

EVAPORATION RATE: The rate, at which a liquid material is known to evaporate, usually associated with flammable materials. The faster a material will evaporate, the sooner it will become concentrated in the air, creating either an explosive/combustible mixture or toxic concentration, or both.

FLASH POINT: The temperature at which a liquid will generate sufficient vapors to promote combustion. Generally the lower the flash point, the greater the danger of combustion.

FLAMMABLE: Any liquid that has a flash point of 100 degrees Fahrenheit or below. Also, any solid, which can sustain fire and ignite readily.

GENERAL EXHAUST: A term used to define a system for exhausting or ventilating air from a general work area. Not as specific as localized exhaust.

GRAM or "g": A unit of weight. One ounce equals about 28.4 grams.

HAZARDOUS CHEMICAL: Any chemical, which is either a physical or health hazard, or both.

IGNITABLE: A term used to define any liquid, gas or solid which has the ability to be 'ignited', which means having a flash point of 140 degrees Fahrenheit, or less.

IMCOMPATIBLE: Materials, which could cause dangerous reactions from direct contact with one another.

INGESTION: Taking in of a substance through the mouth.

INHALATION: The breathing in of a substance in the form of a gas, liquid, vapor, mist or fume.

INHIBITOR: A chemical added to another substance to prevent an unwanted change from occurring.

IRRITANT: A chemical, which causes a reversible inflammatory effect on the site of contact; however, is not considered a corrosive. Normally, irritants affect the eyes, nose, mouth, and respiratory systems.

LETHAL CONCENTRATION or LC: In lab animal tests, this is the concentration of a substance, which is sufficient to kill the test animal.

LETHAL CONCENTRATION₅₀ or “LC₅₀”: In lab animal tests, this is the concentration of a substance required to kill 50 percent of the group of animals.

LETHAL DOSE or LD: Than concentration of a substance required, to kill the lab animal used for the test with a specific material.

LETHAL DOSE₅₀ or “LD₅₀”: The single dose concentration of a substance required to kill 50 percent of the lab animals tested.

LOWER EXPLOSIVE LIMIT or L.E.L.: The lowest concentration, or percentage in air, of a vapor or gas, that will produce a flash fire when an ignition source is introduced.

LOCAL EXHAUST: The system for ventilating or exhausting air from a specific area such as in welding operations. More localized than general exhaust.

MELTING POINT: The temperature at which a solid changes to a liquid.

MILLIGRAM or “mg”: A unit of measurement of weight. There are 1000 mg in one gram of a substance.

MILLIGRAMS PER CUBIC CENTIMETER or “mg/m³”: A unit of measurement usually associated with concentrations of dust, gasses, or mists in air.

MILLION PARTICLES PER CUBIC FOOT or “mppcf”: A unit of measure usually used to describe airborne particles of a substance suspended in air.

MUTAGEN: A substance or agent capable of altering the genetic material in a living cell. Normally associated with carcinogens.

NATIONAL FIRE PROTECTION ASSOCIATION (NFPA): An organization, which promotes fire protection/prevention, and establishes safeguards against loss of property and/or life by fire. The NFPA has establishes a series of codes identifying hazardous materials by symbol and number for fire fighting purposes. These codes also classify materials in their order of flammability. With 0 being not burnable up to 4, which means will burn spontaneously at room temperature.

OLFACTORY: Relating to the sense of smell.

ORAL: Used in or taken through the mouth into the body.

ORAL TOXICITY: A term used to denote the degree at which a substance will cause adverse health effects when taken through the mouth. Normally associated with lab animal tests.

OXIDIZER: A substance, which yields oxygen rapidly to stimulate the combustion of an organic material.

OXIDIZING AGENT: A chemical or substance, which brings on oxidation reactions, by organic material.

PERMISSIBLE EXPOSURE LIMIT OR PEL: An exposure concentration established by the occupational safety & health community which indicates the maximum concentration for which no adverse effects will follow.

PARTS PER MILLION OR PPM: A unit of measurement for the concentration of a gas or vapor in air. Usually expressed as number of parts per million parts of air.

PARTS PER BILLION or PPB: As above, only expressed as number of parts per billion parts of air.

REACTIVITY: The term which describes the tendency of a substance to undergo a chemical change with the release of energy, often as heat.

REDUCING AGENT: In an oxidation reaction, this is the material that combines with oxygen.

RESPIRATORY SYSTEM: The breathing system, including the lungs, and air passages, plus their associated nervous and circulatory components.

SENSITIZER: A substance, which on first exposure causes little or no reaction; however, with repeated exposure will induce a marked response not necessarily limited to the exposure site. Usually associated with skin sensitization.

SPECIFIC GRAVITY: The weight of a material compared to the weight of an equal volume of water. Usually expresses a material's heaviness. A material with a specific gravity of greater than 1.0 will sink to the bottom of water, whereas a material with a specific gravity of less than 1.0 will float on top of water.

SHORT TERM EXPOSURE LIMIT or STEL: The maximum allowable concentration of a substance that one can be exposed to for less than 15 minutes and not produce adverse health effects.

TERTOGEN: A substance or agent usually associated with cancer, that when exposed to a pregnant female will cause malformation of the fetus. Usually associated with lab animal tests.

THRESHOLD LIMIT VALUE or TLV: A term used by the Occupational Safety & Health community to describe the airborne concentration of a material to which nearly all persons can be exposed to day-in and day-out, and not develop adverse health effects.

TOXICITY: The sum of adverse effects of exposure to material, generally by mouth, skin, or respiratory tract.

TIME WEIGHTED AVERAGE or TWA: The airborne concentration of a material to which a person can be exposed over an 8-hour work day. (An average).

UPPER EXPLOSIVE LIMIT or UEL: The highest concentration of a gas or vapor in air that will sustain or support combustion, when an ignition source is present.

VAPOR DENSITY: A term used to define the weight of a vapor or gas as compared to the weight of an equal volume of air. Materials lighter than air have a vapor density of less than 1.0, whereas materials heavier than air have a vapor density greater than 1.0.

VAPOR PRESSURE: A number used to describe the pressure that a saturated vapor will exert on top of its own liquid in a closed container. Usually, the higher the vapor pressure, the lower the boiling point, and therefore the more dangerous the material can be, if flammable.

IN CASE OF ACCIDENT

Job site locations:

1009 and 1011 Cornwell Place Ann Arbor Michigan 48104

Occupational Injuries:

Name of clinic:

Concentra Medical Center

Address:

3131 S. State St.

Ann Arbor, MI 48108

Phone Number:

(734) 213-6285

Emergencies:

Name of Hospital: U of M Hospital

Address:

1500 E. Medical Center Dr.

Ann Arbor, MI 48109

Phone Number:

911/ (734) 763-1131

Report all injuries to:

Project Supt. Mike Sheppard

Phone Number:

(810) 965-3505

EXCAVATION INSPECTION AND ENTRY AUTHORIZATION FORM					
LOCATION:				DATE:	
TIME OF INSPECTION:					
WEATHER CONDITIONS:				APPROX. TEMP.	
CREW LEADER:			COMPETENT PERSON:		
DIMENSIONS		DEPTH =		Yes/No HAZARDOUS CONDITIONS	
		TOP =	W:	L:	Saturated soil/standing, seeping water
		BOTTOM=	W:	L:	Cracked or fissured wall(s)
SOIL TYPE:		TESTED:		Bulging wall(s)	
Solid rock (most stable)		Yes		Floor heaving	
Average soil		No		Frozen soil	
Fill Material				Super-imposed loads	
Loose sand				Vibration	
				Depth greater than 10'	
PROTECTION METHODS:			PLACEMENT OF SPOILS & EQUIPMENT		
(Walls MUST be vertical - NO voids)			Spoils at least 2' from edge of trench		
SHORING			Equipment at least 2' from the edge		
Timber			Backhoe at end of trench		
Pneumatic			Compressor, etc. at remote location		
Hydraulic			LADDER LOCATION		
Screw Jacks			Located		
Trench Shield			Within 25 lateral feet of safe travel		
UNEVEN, IRREGULAR WALLS			Secured		
Trench box			Extends 36" above the landing		
Sloping: 1:1 (45°) ——— 1 ½ :1 (34°) ———			Leads to safe landing		
YES/NO ENVIRONMENTAL CONDITION:			OTHER:		
Gas detector used?			Shoring material inspected prior to use?		
Conditions:			Is trench SAFE to enter?		
			Have underground utilities been located?		
COMMENTS:					

Safety Orientation Confirmation Sheet

_____ Hazard Communication Training (check after it has been completed)

_____ Received hard hat sticker. Sticker # _____

_____ Current with the MUST program, copy of report card is need prior to being allowed on site (if required)

_____ Asbestos Awareness Training

_____ Aerial lift certification

_____ U of M 'M' badge have been obtained

_____ 30 or 10 Hour OSHA Certificate (circle one)

By signing below, I agree that I have read, fully understand and agree to comply with all of the above referenced items as stated in the safety orientation.

Name (Sign)

Name (Print)

Company

Date

Drivers License # or 'M' Badge #

Witness (Project Supt. or representative)

Date

21ST CENTURY SALVAGE INC.

10750 Martz Rd, Ypsilanti, MI 48197

Phone (734) 485-4855

www.21stdemo.com

Safety Statistics: 21st Century Salvage, Inc.

Insurance Policy Year runs 5/01 through 4/30

	2022	2023	2024
EMR-Experience Modification Rate*	0.83	0.88	0.89

**The above rates are for Intrastate for Michigan*

The OSHA 300 log records all accidents from 1/1 through 12/31

From the OSHA 300 Log	2021	2022	2023
Injury Restricted Workday Cases I	0	0	0
Illness Restricted Workday Cases	0	0	0
Injury Days Away Cases H	0	0	0
Illness Days Away Cases	0	0	0
Total Recordables J	1	0	0
Number of Fatalities	0	0	0
First Aid Cases	0	0	0

Recordable Injury Incident Rate	1.88	0	0
Days Away Incident Rate	0.00	0	0
DART	0.00	0	0
Total Hours Worked*	106662	98636	138240

**Includes all field and office hours worked in a given year*

Sincerely,
21st Century Salvage, Inc.
Keith Miller
President

21ST CENTURY SALVAGE INC.

10750 Martz Rd. Ypsilanti, MI 48197 P: 734.485.4855 F: 734.485.6959

City of Ann Arbor
Building Demolition Project
RFP No. 24-41

B.3. 10-hour OSHA

To Whom it May Concern,

All craft labor (Main Contractor and Subcontractors) assigned to the project will have at least the 10-hour OSHA Construction Safety Course as prescribed in the RFP.

Sincerely,



Keith Miller
President

21ST CENTURY SALVAGE INC.

10750 Martz Rd. Ypsilanti, MI 48197 P: 734.485.4855 F: 734.485.6959

City of Ann Arbor
Building Demolition Project
RFP No. 24-41

B.4. MIOSHA and OSHA Violations

To Whom it May Concern,

21st Century Salvage, Inc. has not received any MIOSHA and OSHA violations over the last 3-year period. MIOSHA has visited our sites, performed an audit and had an overall positive experience at the closeout process of their visits.

Sincerely,



Keith Miller
President

City of Ann Arbor
Building Demolition Project
RFP No. 24-41

C. Workforce Development

C.1. Payroll Documentation:

- See Union labor rates attached.

C.2. Apprenticeship Program:

- See Union Labor Apprenticeship attached.

C.3: 1099 Non-craft Workers

- 21st Century Salvage employs all union laborers and operators. 21st Century will not have any 1099 workers. Our Subcontractors will not employ 1099 workers for this project.

GEOGRAPHIC / LOCAL AREA / PROJECT
 CRAFT DESCRIPTION:
 PERIOD
 NATIONAL MAINTENANCE AGREEMENT?

21st Century Salvage, Inc	
Project Manager - Superintendent	
June 1, 2024 Through May 31, 2025	
Yes	No

			BASIS	RATE	STRAIGHT TIME	TIME AND ONE HALF	DOUBLE TIME	
WAGES								
1	BASE WAGE			\$ 50.36	\$ 50.36	\$ 75.54	\$ 100.72	
2	VAC & HOL	HP		\$ 4.50	\$ 3.50	\$ 5.25	\$ 7.00	
3				\$ -	\$ -	\$ -	\$ -	
4 BASE WAGE TOTAL (LINES 1 + 2)					\$ 53.86	\$ 80.79	\$ 107.72	
FRINGES								
5	HEALTH & WELFARE	HW			\$ 6.75	\$ 6.75	\$ 6.75	
6	TRAINING	HP			\$ 0.45	\$ 0.45	\$ 0.45	
7	PENSION	HP			\$ 10.55	\$ 10.55	\$ 10.55	
8	ANNUITY	HW			\$ -	\$ -	\$ -	
9	LECET	HW			\$ 0.21	\$ 0.21	\$ 0.21	
10	INDUSTRY ADV				\$ 0.17	\$ 0.17	\$ 0.17	
11					\$ -	\$ -	\$ -	
12					\$ -	\$ -	\$ -	
13					\$ -	\$ -	\$ -	
14 FRINGE TOTAL (LINES 4 THROUGH 13)					\$ 18.13	\$ 18.13	\$ 18.13	
15 GROSS WAGE (LINES 3 + 14)					\$ 71.99	\$ 98.92	\$ 125.85	
BURDEN (% OF LINE 3)								
16	FICA			7.650%	\$ 4.12	\$ 6.18	\$ 8.24	
17	FEDERAL UNEMPLOYMENT			0.600%	\$ 0.32	\$ 0.48	\$ 0.65	
18	STATE UNEMPLOYMENT			12.770%	\$ 6.88	\$ 10.32	\$ 13.76	
19	STATE BUSINESS TAX			0.000%	\$ -	\$ -	\$ -	
20	WORKMAN'S COMP. INSUR.			15.210%	\$ 8.19	\$ 12.29	\$ 16.38	
21	PUBLIC LIABILITY INSUR.			6.000%	\$ 3.23	\$ 4.85	\$ 6.46	
22	PUBLIC PROPERTY INSUR.			0.000%	\$ -	\$ -	\$ -	
23				0.000%	\$ -	\$ -	\$ -	
24 BURDEN TOTAL (LINES 16 THROUGH 23)					\$ 22.75	\$ 34.12	\$ 45.49	
SMALL TOOLS								
25	(% OF LINE 15 - STRAIGHT TIME)			5.000%	\$ 3.60	\$ 3.60	\$ 3.60	
26 BURDEN AND TOOLS (LINES 24 + 25)					\$ 26.34	\$ 37.72	\$ 49.09	
27 TOTAL WAGE (LINES 15 + 26)					\$ 98.33	\$ 136.64	\$ 174.94	
28 O H & P (%OF LINE 15)					15.000%	\$ 10.80	\$ 14.84	\$ 18.88
TOTAL BILLING RATE					\$ 109.13	\$ 151.48	\$ 193.82	

GEOGRAPHIC / LOCAL AREA / PROJECT
 CRAFT DESCRIPTION:
 PERIOD
 NATIONAL MAINTENANCE AGREEMENT?

21st Century Salvage, Inc.

Demolition Laborer Foreman - 1st Shift

June 1, 2024 Through May 31, 2025

Yes No

			BASIS	RATE	STRAIGHT TIME	TIME AND ONE HALF	DOUBLE TIME
WAGES							
1	BASE WAGE			\$ 32.84	\$ 32.84	\$ 49.26	\$ 65.68
2	VAC & HOL	HP		\$ 4.50	\$ 4.50	\$ 6.75	\$ 9.00
3				\$ -	\$ -	\$ -	\$ -
4 BASE WAGE TOTAL (LINES 1 + 2)					\$ 37.34	\$ 56.01	\$ 74.68
FRINGES							
5	HEALTH & WELFARE	HW		\$ 6.75	\$ 6.35	\$ 6.35	
6	PENSION	HP		\$ 10.55	\$ 10.15	\$ 10.15	
7	ANNUITY	HP		\$ -	\$ -	\$ -	
8	TRAINING	HW		\$ 0.45	\$ 0.45	\$ 0.45	
9	LECET	HW		\$ 0.21	\$ 0.20	\$ 0.20	
10	INDUSTRY ADV	HW		\$ 0.17	\$ 0.17	\$ 0.17	
11				\$ -	\$ -	\$ -	
12				\$ -	\$ -	\$ -	
13				\$ -	\$ -	\$ -	
14 FRINGE TOTAL (LINES 4 THROUGH 13)					\$ 18.13	\$ 17.32	\$ 17.32
15 GROSS WAGE (LINES 3 + 14)					\$ 55.47	\$ 73.33	\$ 92.00
BURDEN (% OF LINE 3)							
16	FICA		7.650%	\$ 2.86	\$ 4.28	\$ 5.71	
17	FEDERAL UNEMPLOYMENT		0.600%	\$ 0.22	\$ 0.34	\$ 0.45	
18	STATE UNEMPLOYMENT		12.770%	\$ 4.77	\$ 7.15	\$ 9.54	
19	STATE BUSINESS TAX		0.000%	\$ -	\$ -	\$ -	
20	WORKMAN'S COMP. INSUR.		15.210%	\$ 5.68	\$ 8.52	\$ 11.36	
21	PUBLIC LIABILITY INSUR.		6.000%	\$ 2.24	\$ 3.36	\$ 4.48	
22	PUBLIC PROPERTY INSUR.		0.000%	\$ -	\$ -	\$ -	
23	Travel Pay		0.000%	\$ -	\$ -	\$ -	
24 BURDEN TOTAL (LINES 16 THROUGH 23)					\$ 15.77	\$ 23.65	\$ 31.54
SMALL TOOLS							
25	(% OF LINE 15 - STRAIGHT TIME)		5.000%	\$ 2.77	\$ 2.77	\$ 2.77	
26 BURDEN AND TOOLS (LINES 24 + 25)					\$ 18.54	\$ 26.43	\$ 34.31
27 TOTAL WAGE (LINES 15 + 26)					\$ 74.01	\$ 99.76	\$ 126.31
28 O H & P (%OF LINE 15)					\$ 8.32	\$ 11.00	\$ 13.80
TOTAL BILLING RATE					\$ 82.33	\$ 110.76	\$ 140.11

21st Century Salvage, Inc.
10750 Martz Road
Ypsilanti, MI 48197
(734) 485-4855

GEOGRAPHIC / LOCAL AREA / PROJECT
 CRAFT DESCRIPTION:
 PERIOD
 NATIONAL MAINTENANCE AGREEMENT?

21st Century Salvage, Inc	
Demolition Laborer - 1st Shift	
June 1, 2024 Through May 31, 2025	
YES	NO

		BASIS	RATE	STRAIGHT TIME	TIME AND ONE HALF	DOUBLE TIME
WAGES						
1	BASE WAGE		\$ 30.84	\$ 30.84	\$ 46.26	\$ 61.68
2	VAC & HOL	HP	\$ 4.50	\$ 4.50	\$ 6.75	\$ 9.00
3		HW	\$ -	\$ -	\$ -	\$ -
4	BASE WAGE TOTAL (LINES 1 + 2)			\$ 35.34	\$ 53.01	\$ 70.68
FRINGES						
5	HEALTH & WELFARE	HW		\$ 6.75	\$ 6.35	\$ 6.35
6	PENSION	HP		\$ 10.55	\$ 10.15	\$ 10.15
7	ANNUITY	HP		\$ -	\$ -	\$ -
8	TRAINING	HW		\$ 0.45	\$ 0.45	\$ 0.45
9	LECET	HW		\$ 0.21	\$ 0.20	\$ 0.20
10	INDUSTRY ADV	HW		\$ 0.17	\$ 0.17	\$ 0.17
11				\$ -	\$ -	\$ -
12				\$ -	\$ -	\$ -
13				\$ -	\$ -	\$ -
14	FRINGE TOTAL (LINES 4 THROUGH 13)			\$ 18.13	\$ 17.32	\$ 17.32
15	GROSS WAGE (LINES 3 + 14)			\$ 53.47	\$ 70.33	\$ 88.00
BURDEN (% OF LINE 3)						
16	FICA		7.650%	\$ 2.70	\$ 4.06	\$ 5.41
17	FEDERAL UNEMPLOYMENT		0.600%	\$ 0.21	\$ 0.32	\$ 0.42
18	STATE UNEMPLOYMENT		12.770%	\$ 4.51	\$ 6.77	\$ 9.03
19	STATE BUSINESS TAX		0.000%	\$ -	\$ -	\$ -
20	WORKMAN'S COMP. INSUR.		15.210%	\$ 5.38	\$ 8.06	\$ 10.75
21	PUBLIC LIABILITY INSUR.		6.000%	\$ 2.12	\$ 3.18	\$ 4.24
22	PUBLIC PROPERTY INSUR.		0.000%	\$ -	\$ -	\$ -
23	Travel Pay		0.000%	\$ -	\$ -	\$ -
24	BURDEN TOTAL (LINES 16 THROUGH 23)			\$ 14.92	\$ 22.39	\$ 29.85
25	SMALL TOOLS (% OF LINE 15 - STRAIGHT TIME)			5.000%	\$ 2.67	\$ 2.67
26	BURDEN AND TOOLS (LINES 24 + 25)			\$ 17.60	\$ 25.06	\$ 32.52
27	TOTAL WAGE (LINES 15 + 26)			\$ 71.07	\$ 95.39	\$ 120.52
28	O H & P (%OF LINE 15)			15.000%	\$ 8.02	\$ 10.55
TOTAL BILLING RATE				\$ 79.09	\$ 105.94	\$ 133.72

GEOGRAPHIC / LOCAL AREA / PROJECT
CRAFT DESCRIPTION
PERIOD
NATIONAL MAINTENANCE AGREEMENT?

21st Century Salvage, Inc

Demolition Operator - 1st Shift

June 1, 2024 Through May 31, 2025

Yes NO

			BASIS	RATE	STRAIGHT TIME	TIME AND ONE HALF	DOUBLE TIME
WAGES							
1	BASE WAGE			\$ 37.90	\$ 37.90	\$ 56.85	\$ 75.80
2	VAC & HOL	15% of HP		\$ 5.69	\$ 5.69	\$ 8.54	\$ 11.38
3	DUES	HW			\$ -	\$ -	\$ -
4	BASE WAGE TOTAL (LINES 1 + 2)				\$ 43.59	\$ 65.39	\$ 87.18
FRINGES							
5	INSURANCE	HW			\$ 8.55	\$ 8.40	\$ 8.40
6	PENSION	HW			\$ 13.95	\$ 13.95	\$ 13.95
7	Defined Contr. Pension Plan	HW			\$ 1.10	\$ 1.10	\$ 1.10
8	Retiree Benefit Fund	HW			\$ 0.45	\$ 0.45	\$ 0.45
9	Apprentice Trng. Program	HW			\$ 1.20	\$ 1.00	\$ 1.00
10	Labor/Mgmt Fund	HW			\$ 0.19	\$ 0.19	\$ 0.19
11	Industry Advancement Program	HW			\$ 0.15	\$ 0.15	\$ 0.15
12	IUOE Training Fund				\$ 0.10	\$ 0.05	\$ 0.05
13							
14	FRINGE TOTAL (LINES 4 THROUGH 13)				\$ 25.69	\$ 25.29	\$ 25.29
15	GROSS WAGE (LINES 3 + 14)				\$ 69.23	\$ 90.68	\$ 112.47
BURDEN (% OF LINE 3)							
16	FICA		7.650%	\$ 3.33	\$ 5.00	\$ 6.67	
17	FEDERAL UNEMPLOYMENT		0.600%	\$ 0.26	\$ 0.39	\$ 0.52	
18	STATE UNEMPLOYMENT		12.770%	\$ 5.57	\$ 8.35	\$ 11.13	
19	STATE BUSINESS TAX		0.000%	\$ -	\$ -	\$ -	
20	WORKMAN'S COMP. INSUR.		15.210%	\$ 6.63	\$ 9.95	\$ 13.26	
21	PUBLIC LIABILITY INSUR.		6.000%	\$ 2.62	\$ 3.92	\$ 5.23	
22	PUBLIC PROPERTY INSUR.		0.000%	\$ -	\$ -	\$ -	
23	Travel Pay		0.000%	\$ -	\$ -	\$ -	
24	BURDEN TOTAL (LINES 16 THROUGH 23)				\$ 18.41	\$ 27.61	\$ 36.82
25	SMALL TOOLS (% OF LINE 15 - STRAIGHT TIME)				3.000%	\$ 2.08	\$ 2.08
26	BURDEN AND TOOLS (LINES 24 + 25)				\$ 20.49	\$ 29.69	\$ 38.89
27	TOTAL WAGE (LINES 15 + 26)				\$ 89.77	\$ 120.37	\$ 151.36
28	O H & P (%OF LINE 15)				15.000%	\$ 10.39	\$ 13.60
TOTAL BILLING RATE					\$ 100.16	\$ 133.97	\$ 168.24

LIUNA!

Feel the Power



Registered Apprenticeship Programs

LIUNA and our partner employers have, for decades, met the workforce development needs of the construction industry through a self-funded training infrastructure and Registered Apprenticeship programs.

State-of-the-art training is at no charge and accessible to participating contractors, members, apprentices and pre-apprentices across the U.S. and Canada through over 70 affiliated training centers. Continual, life-long career training opportunities allows workers to upgrade employability skills, move to leadership positions, update safety knowledge, and increase productivity all with the goal of expanding career paths, living wages, and contractor competitiveness.

LIUNA's labor-management training programs invest millions of private-sector dollars annually into this proven workforce development system. Most recent bipartisan efforts to expand apprenticeship programs across new industries have instead followed a model based on federal and state investment and competitive grants.

Registered Apprenticeships are a benefit to employers, workers, and the public but without careful consideration, these efforts carry the risk of undercutting existing programs. Creating a system with little-to-no enforcement which is structured to reduce wages, standards, oversight, and worker protection will not produce more skilled apprentices. Worse it puts high-quality, self-funded joint employer and labor programs like LIUNA's at a disadvantage as they are forced to compete with subsidized programs that are not required to meet the same high standards.

Biden Administration Rescinded IRAPS, Protecting LIUNA Apprenticeship

At the direction of President Biden, the Department of Labor completely rescinded the Trump regulations that allowed for the creation of private industry-controlled apprenticeships called IRAPs. With tens of thousands of letters and emails, Laborers waged a successful effort during the last Administration to block these shoddy programs from being used in construction. IRAPs were, however, approved for other industries. As long as these IRAPs existed there would have been a risk in the future of changes that would allow them to undermine our LIUNA Registered Apprenticeships in the construction sector.



10750 Martz Rd. Ypsilanti, MI 48197 P: 734.485.4855 F: 734.485.6959

Social Equity and Sustainability

21st Century Salvage, Inc. is an equal opportunity employer that is committed to diversity and inclusion in the workplace. We prohibit discrimination and harassment of any kind based on race, color, sex, religion, sexual orientation, national origin, disability, genetic information, pregnancy, or any other protected characteristic as outlined by federal, state, or local laws.

This policy applies to all employment practices within our organization, including hiring, recruiting, promotion, termination, layoff, recall, leave of absence, compensation, benefits, training, and apprenticeship. 21st Century Salvage, Inc. makes hiring decisions based solely on qualifications, merit, and business needs at the time.

21st Century Salvage, Inc. makes every effort to avoid landfill disposal by recycling concrete, ferrous and non-ferrous metals. Building materials which are able to be removed safely and recycled economically.

21st Century Salvage, Inc. has not been sited with violations or penalties due to environmental releases or handling violations.

E. Schedule of Pricing/Cost – 20 PointsCompany: 21st Century Salvage, Inc.**2150 Jackson (Veteran's Park Shelter) Unit Price Bid**

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
1	Mobilization, Max 5%	1	L Sum	\$ _____	\$ <u>1,500.00</u>
2	Demolition and Disposal of Building and Appurtenant Slabs/Foundations. Incl. Capping of Utilities	4,630	Sft	\$ <u>5.72</u>	\$ <u>26,517.00</u>
3	Asbestos Abatement and Disposal	1	L Sum	\$ _____	\$ <u>37,428.00</u>
4	Retaining Wall, Wood, Rem	90	Lft	\$ <u>7.39</u>	\$ <u>665.00</u>
5	Path, Stamped Conc, Rem	60	Syd	\$ <u>13.50</u>	\$ <u>810.00</u>
6	Site Grading	1	L Sum	\$ _____	\$ <u>5,211.00</u>
7	Install Sanitary Line with Flowable Fill	410	Ft	\$ <u>11.70</u>	\$ <u>4,800.00</u>
8	HMA Wearing Course (1.5 inch), HMA, 5E03	80	Syd	\$ <u>150.00</u>	\$ <u>12,000.00</u>
9	HMA Base Course (2.5 inch), HMA, 4E03	80	Syd	\$ <u>110.00</u>	\$ <u>8,800.00</u>
10	Aggregate Base (6 inch), CIP, 21AA Crushed Limestone	80	Syd	\$ <u>22.65</u>	\$ <u>1,812.00</u>
11	Ball Diamond New Irrigation Piping and System Updates	1	L Sum	\$ _____	\$ <u>3,500.00</u>
12	Ball Diamond New Irrigation System Controls and Electrical	1	L Sum	\$ _____	\$ <u>20,906.00</u>
13	Restoration of Construction Area	1	L Sum	\$ _____	\$ <u>4,250.00</u>
14	Soil Erosion and Sedimentation Control (incl. permit fees)	1	L Sum	\$ _____	\$ <u>2,700.00</u>
15	Construction Fencing and Pedestrian Traffic Control	1	L Sum	\$ _____	\$ <u>4,800.00</u>
16	General Conditions, Permitting, & Testing	1	L Sum	\$ _____	\$ <u>1,954.00</u>

ESTIMATED 2150 JACKSON (VETERAN'S PARK SHELTER) BID TOTAL\$ 137,653.00*See next page for additional bid items.*

315 Detroit (Farmer's Market) Unit Price Bid

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
1	Mobilization, Max 5%	1	L Sum	\$ _____	\$ <u>1,500.00</u>
2	Demolition and Disposal of Building and Appurtenant Slabs/Foundations. Incl. Capping of Utilities	1,176	Sft	\$ <u>14.00</u>	\$ <u>16,464.00</u>
3	Asbestos Abatement and Disposal	1	L Sum	\$ _____	\$ <u>14,969.00</u>
4	Site Grading	1	L Sum	\$ _____	\$ <u>2,640.00</u>
5	Path, Conc, Rem	46	Syd	\$ <u>13.50</u>	\$ <u>621.00</u>
6	Relocate Owner's Pod	1	L Sum	\$ _____	\$ <u>350.00</u>
7	Aggregate Base (8 inch), CIP, 21AA Crushed Concrete	88	Syd	\$ <u>22.62</u>	\$ <u>1,990.56</u>
8	Conc Sidewalk, 4 inch, incl. Class II Subbase, CIP	418	Sft	\$ <u>50.00</u>	\$ <u>20,900.00</u>
9	Water Service Modifications	1	L Sum	\$ _____	\$ <u>6,800.00</u>
10	3" Screened Topsoil, Seed-Impregnated Mulch Blanket over Compacted Backfill; 14-Day Watering	480	Sft	\$ <u>10.25</u>	\$ <u>4,920.00</u>
11	Electrical & Fiber Service Modifications	1	L Sum	\$ _____	\$ <u>103,950.00</u>
12	Soil Erosion and Sedimentation Control (incl. permit fees)	1	L Sum	\$ _____	\$ <u>450.00</u>
13	Construction Fencing and Pedestrian Traffic Control	1	L Sum	\$ _____	\$ <u>700.00</u>
14	General Conditions, Permitting, & Testing	1	L Sum	\$ _____	\$ <u>2,538.00</u>

**ESTIMATED 315 DETROIT (FARMER'S
MARKET) BID TOTAL****\$ 178,792.00***See next page for additional bid items.*

415 W Washington Unit Price Bid

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
1	Mobilization, Max 5%	1	L Sum	\$ _____	\$ <u>7,500.00</u>
2	Demolition and Disposal of Buildings, Incl. Capping of Utilities	27,000	Sft	\$ <u>12.25</u>	\$ <u>330,075.00</u>
3	Asbestos Abatement and Disposal	1	L Sum	\$ _____	\$ <u>154,114.00</u>
4	Allowance for Additional Quantities for Asbestos Pipe Insulation Removal (For Unforeseen Conditions Beyond Quantities Delineated in Haz Mat Reports)	350	Lft	\$ <u>87.50</u>	\$ <u>13,125.00</u>
5	Site Grading	1	L Sum	\$ _____	\$ <u>4,965.00</u>
6	Compacted Class II Sand Backfill	400	Cyd	\$ <u>28.00</u>	\$ <u>11,200.00</u>
7	Chimney General Work	1	L Sum	\$ _____	\$ <u>10,500.00</u>
8	Chimney Brick Repointing	450	Lft	\$ <u>44.00</u>	\$ <u>19,819.00</u>
9	Chimney Broken/Damaged Brick Replacement	150	Ea	\$ <u>17.30</u>	\$ <u>2,595.00</u>
10	Electrical & Fiber Service Modifications	1	L Sum	\$ _____	\$ <u>31,217.00</u>
11	Restoration of Construction Area	1	L Sum	\$ _____	\$ <u>4,250.00</u>
12	Soil Erosion and Sedimentation Control (incl. permit fees)	1	L Sum	\$ _____	\$ <u>1,800.00</u>
13	Construction Fencing and Pedestrian Traffic Control	1	L Sum	\$ _____	\$ <u>3,060.00</u>
14	General Conditions, Permitting, & Testing	1	L Sum	\$ _____	\$ <u>8,556.00</u>

**ESTIMATED 415 W WASHINGTON BID
TOTAL****\$ 602,776.00***See next page for additional bid items.*

721 N Main Unit Price Bid

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
1	Mobilization, Max 5%	1	L Sum	\$ _____	\$ <u>7,500.00</u>
2	Demolition and Disposal of Buildings. Incl. Capping of Utilities	26,000	Sft	\$ <u>8.07</u>	\$ <u>210,038.00</u>
3	Asbestos Abatement and Disposal	1	L Sum	\$ _____	\$ <u>170,444.00</u>
4	Allowance for Additional Quantities for Asbestos Pipe Insulation Removal (For Unforeseen Conditions Beyond Quantities Delineated in Haz Mat Reports)	350	Lft	\$ <u>87.50</u>	\$ <u>13,125.00</u>
5	Site Grading	1	L Sum	\$ _____	\$ <u>4,965.00</u>
6	Compacted Class II Sand Backfill	250	Cyd	\$ <u>28.00</u>	\$ <u>7,000.00</u>
7	3" Screened Topsoil, Seed- Impregnated Mulch Blanket over Compacted Backfill; 14-Day Watering	5,000	Sft	\$ <u>2.42</u>	\$ <u>12,100.00</u>
8	Permanent Fencing	75	Lft	\$ <u>126.00</u>	\$ <u>9,450.00</u>
9	Electrical & Fiber Service Modifications	1	L Sum	\$ _____	\$ <u>27,122.00</u>
10	Restoration of Construction Area	1	L Sum	\$ _____	\$ <u>4,235.00</u>
11	Soil Erosion and Sedimentation Control (incl. permit fees)	1	L Sum	\$ _____	\$ <u>2,500.00</u>
12	Construction Fencing and Pedestrian Traffic Control	1	L Sum	\$ _____	\$ <u>2,430.00</u>
13	General Conditions, Permitting, & Testing	1	L Sum	\$ _____	\$ <u>6,781.00</u>

ESTIMATED 721 N MAIN BID TOTAL**\$ 477,690.00***See next page for bid summary and alternate bid items.*

Total Base Unit Price Bid

ESTIMATED 2150 JACKSON (VETERAN'S PARK SHELTER) BID TOTAL	\$ <u>137,653.00</u>
ESTIMATED 315 DETROIT (FARMER'S MARKET) BID TOTAL	\$ <u>178,792.00</u>
ESTIMATED 415 W WASHINGTON BID TOTAL	\$ <u>602,776.00</u>
ESTIMATED 721 N MAIN BID TOTAL	\$ <u>477,690.00</u>
 ESTIMATED BASE BID TOTAL (SUM OF FOUR SITES)	 \$ <u>1,396,911.00</u>

315 Detroit (Farmer's Market) Alternate Unit Price Bid Items

Do not include alternate bid items in base bid total.

<u>Item</u>	<u>Description</u>	<u>Estimated Quantity</u>	<u>Unit</u>	<u>Unit Price</u>	<u>Total Price</u>
A1	In Lieu of Crushed Concrete Backfill (Item #7), Provide HMA Paving				
A1.1	Wearing Course (1.5 inch), HMA	88	Syd	\$ <u>150.00</u>	\$ <u>13,200.00</u>
A1.2	Base Course (2.5 inch), HMA	88	Syd	\$ <u>110.00</u>	\$ <u>9,680.00</u>
A1.3	Aggregate Base (8 inch), CIP, 21AA Crushed Limestone	88	Syd	\$ <u>45.00</u>	\$ <u>3,960.00</u>

ESTIMATED 315 DETROIT (FARMER'S MARKET) ALTERNATE BID TOTAL	\$ <u>26,840.00</u>
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THE AMERICAN INSTITUTE OF ARCHITECTS



AIA Document A310

Bid Bond

KNOW ALL MEN BY THESE PRESENTS, that we

21ST CENTURY SALVAGE, INC.
10750 Martz Road Ypsilanti, MI 48197

(Here insert full name, and address or legal title of Contractor)

as Principal, hereinafter called the Principal, and
U.S. Specialty Insurance Company
13403 Northwest Freeway Houston, TX 77040

(Here insert full name, and address or legal title of Surety)

a corporation duly organized under the laws of the State of **TX**

as Surety, hereinafter called the Surety, are held and firmly bound unto
City of Ann Arbor
301 East Huron Street Ann Arbor, MI 48104

(Here insert full name, and address or legal title of Owner)

as Obligee, hereinafter called the Obligee, in the sum of
Five Percent of Amount Bid ————— **Dollars (5.00% of Bid),**

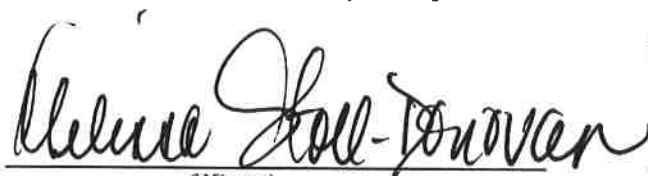
for the payment of which sum well and truly to be made, the said Principal and the said Surety, bind ourselves, our heirs, executors, administrators, successors and assigns, jointly and severally, firmly by these presents.

WHEREAS, the Principal has submitted a bid for
Demolition - Public Improvement in Ann Arbor
Public Improvement

(Here insert full name, address and description of project)

NOW, THEREFORE, if the Obligee shall accept the bid of the Principal and the Principal shall enter into a Contract with the Obligee in accordance with the terms of such bid and give such bond or bonds as may be specified in the bidding or Contract Documents with good and sufficient surety for the faithful performance of such Contract and for the prompt payment of labor and material furnished in the prosecution thereof, or in the event of the failure of the Principal to enter such Contract and give such bond or bonds, if the Principal shall pay to the Obligee the difference not to exceed the penalty hereof between the amount specified in said bid and such larger amount for which the Obligee may in good faith contract with another party to perform the Work covered by said bid then this obligation shall be null and void, otherwise to remain in full force and effect.

Signed and sealed this **3rd** day of **July 2024**



(Witness)

21ST CENTURY SALVAGE, INC.

(Principal)

(Seal)

 **President**

(Title)

U.S. Specialty Insurance Company

(Surety)

(Seal)



(Witness)



(Title)

Michelle B. Graham, Attorney-in-Fact



TOKIO MARINE
HCC

THIS BOND RIDER CONTAINS IMPORTANT COVERAGE INFORMATION

To obtain information, make a complaint or assert a claim, or if you have a dispute concerning your premium, you should call the Surety's toll free telephone number for information at: 1-800-486-6695. You may also write to the Surety at:

601 S. Figueroa St., Suite 1600
Los Angeles, CA 90017

**Important Time Limitation
Regarding Warranty**

Notwithstanding anything to the contrary in the Construction Contract and Bond, in no event shall Surety have any obligation for any loss occurring or claim made by Obligor more than twenty-five (25) months after the date on which Principal has substantially completed the work under the Construction Contract.

**Exclusion of Liability for
Mold, Mycotoxins, Fungi & Environmental Hazards**

Notwithstanding anything to the contrary in the Construction Contract and Bond, the Bond to which this Rider is attached does not provide coverage for, and the Surety thereon shall not be liable for, molds, living or dead fungi, bacteria, allergens, histamines, spores, hyphae, or mycotoxins, or their related products or parts, nor for any environmental hazards, bio-hazards, hazardous materials, environmental spills, contamination, or cleanup, nor the remediation thereof, nor the consequences to persons, property, or the performance of the bonded obligations, of the occurrence, existence, or appearance thereof.

**Important Notice Regarding
Calculation of Premium**

Adjustments to the contract price entitle the Surety to adjust premium charged for the adjustment in risk to Surety. Notwithstanding anything to the contrary in the Construction Contract and Bond, adjustments to the contract price or the premium charged shall not change the Bond amount, unless the contract price is increased no more than 10% of the original contract price.



TOKIO MARINE
HCC

POWER OF ATTORNEY

AMERICAN CONTRACTORS INDEMNITY COMPANY TEXAS BONDING COMPANY
UNITED STATES SURETY COMPANY U.S. SPECIALTY INSURANCE COMPANY

KNOW ALL MEN BY THESE PRESENTS: That American Contractors Indemnity Company, a California corporation, Texas Bonding Company, an assumed name of American Contractors Indemnity Company, United States Surety Company, a Maryland corporation and U.S. Specialty Insurance Company, a Texas corporation (collectively, the "Companies"), do by these presents make, constitute and appoint:

Suzanne M. Mocer, John W. McNish or Michelle B. Graham of Royal Oak, Michigan

its true and lawful Attorney(s)-in-fact, each in their separate capacity if more than one is named above, with full power and authority hereby conferred in its name, place and stead, to execute, acknowledge and deliver **any and all bonds, recognizances, undertakings or other instruments or contracts of suretyship to include riders, amendments, and consents of surety, providing the bond penalty does not exceed** *****Ten Million***** Dollars (***\$10,000,000.00***).

This Power of Attorney shall expire without further action on January 31st 2028. This Power of Attorney is granted under and by authority of the following resolutions adopted by the Boards of Directors of the Companies:

Be it Resolved, that the President, any Vice-President, any Assistant Vice-President, any Secretary or any Assistant Secretary shall be and is hereby vested with full power and authority to appoint any one or more suitable persons as Attorney(s)-in-Fact to represent and act for and on behalf of the Company subject to the following provisions:

Attorney-in-Fact may be given full power and authority for and in the name of and on behalf of the Company, to execute, acknowledge and deliver, any and all bonds, recognizances, contracts, agreements or indemnity and other conditional or obligatory undertakings, including any and all consents for the release of retained percentages and/or final estimates on engineering and construction contracts, and any and all notices and documents canceling or terminating the Company's liability thereunder, and any such instruments so executed by any such Attorney-in-Fact shall be binding upon the Company as if signed by the President and sealed and effected by the Corporate Secretary.

Be it Resolved, that the signature of any authorized officer and seal of the Company heretofore or hereafter affixed to any power of attorney or any certificate relating thereto by facsimile, and any power of attorney or certificate bearing facsimile signature or facsimile seal shall be valid and binding upon the Company with respect to any bond or undertaking to which it is attached.

IN WITNESS WHEREOF, The Companies have caused this instrument to be signed and their corporate seals to be hereto affixed, this 1st day of February 2024.



AMERICAN CONTRACTORS INDEMNITY COMPANY, TEXAS BONDING COMPANY, UNITED STATES SURETY COMPANY, U.S. SPECIALTY INSURANCE COMPANY

By:

Daniel P. Aguilar, Vice President

A Notary Public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California
County of Los Angeles

On this 1st day of February 2024, before me, D. Littlefield, a notary public, personally appeared Daniel P. Aguilar, Vice President of American Contractors Indemnity Company, Texas Bonding Company, United States Surety Company and U.S. Specialty Insurance Company who proved to me on the basis of satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he executed the same in his authorized capacity, and that by his signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

Signature

(seal)



I, Kio Lo, Assistant Secretary of American Contractors Indemnity Company, Texas Bonding Company, United States Surety Company and U.S. Specialty Insurance Company, do hereby certify that the above and foregoing is a true and correct copy of a Power of Attorney, executed by said Companies, which is still in full force and effect; furthermore, the resolutions of the Boards of Directors, set out in the Power of Attorney are in full force and effect.

In Witness Whereof, I have hereunto set my hand and affixed the seals of said Companies at Los Angeles, California this 3rd day of July 2024.

Bond No.

Agency No.

BDBOND
18803



Kio Lo, Assistant Secretary

visit tmhcc.com/surety for more information

HCCSMANPOA02/2024

21ST CENTURY SALVAGE INC.

10750 Martz Rd. Ypsilanti, MI 48197 P: 734.485.4855 F: 734.485.6959

City of Ann Arbor
Building Demolition Project
RFP No. 24-41

F. Authorized Agent

To Whom it May Concern,

I, Keith Miller, have full authorization to negotiate on the behalf of 21st Century Salvage, Inc. and enter into an agreement with the City of Ann Arbor as it relates to this RFP, 24-41.

Sincerely,



Keith Miller
President

ATTACHMENT B
GENERAL DECLARATIONS

City of Ann Arbor
Guy C. Larcom Municipal Building
Ann Arbor, Michigan 48107

Ladies and Gentlemen:

The undersigned, as Bidder, declares that this Bid is made in good faith, without fraud or collusion with any person or persons bidding on the same Contract; that this Bidder has carefully read and examined the bid documents, including City Nondiscrimination requirements and Declaration of Compliance Form, Living Wage requirements and Declaration of Compliance Form, Prevailing Wage requirements and Declaration of Compliance Form, Vendor Conflict of Interest Form, Notice of Pre-Bid Conference, General Information, Bid, Bid Forms, Contract, Bond Forms, General Conditions, Standard Specifications, Detailed Specifications, all Addenda, and the Plans (if applicable) and understands them. The Bidder declares that it conducted a full investigation at the site and of the work proposed and is fully informed as to the nature of the work and the conditions relating to the work's performance. The Bidder also declares that it has extensive experience in successfully completing projects similar to this one.

The Bidder acknowledges that it has not received or relied upon any representations or warrants of any nature whatsoever from the City of Ann Arbor, its agents or employees, and that this Bid is based solely upon the Bidder's own independent business judgment.

The undersigned proposes to perform all work shown on the plans or described in the bid documents, including any addenda issued, and to furnish all necessary machinery, tools, apparatus, and other means of construction to do all the work, furnish all the materials, and complete the work in strict accordance with all terms of the Contract of which this Bid is one part.

In accordance with these bid documents, and Addenda numbered _____, the undersigned, as Bidder, proposes to perform at the sites in and/or around Ann Arbor, Michigan, all the work included herein for the amounts set forth in the Bid Forms.

The Bidder declares that it has become fully familiar with the liquidated damage clauses for completion times and for compliance with City Code Chapter 112, understands and agrees that the liquidated damages are for the non-quantifiable aspects of non-compliance and do not cover actual damages that may be shown and agrees that if awarded the Contract, all liquidated damage clauses form part of the Contract.

The Bidder declares that it has become fully familiar with the provisions of Chapter 14, Section 1:320 (Prevailing wages) and Chapter 23 (Living Wage) of the Code of the City of Ann Arbor and that it understands and agrees to comply, to the extent applicable to employees providing services to the City under this Contract, with the wage and reporting requirements stated in the City Code provisions cited. Bidder certifies that the statements contained in the City Prevailing Wage and Living Wage Declaration of Compliance Forms are true and correct. Bidder further agrees that the cited provisions of Chapter 14 and Chapter 23 form a part of this Contract.

The Bidder declares that it has become familiar with the City Conflict of Interest Disclosure Form and certifies that the statement contained therein is true and correct.

The Bidder encloses a certified check or Bid Bond in the amount of 5% of the total of the Bid Price. The Bidder agrees both to contract for the work and to furnish the necessary Bonds and insurance documentation within 10 days after being notified of the acceptance of the Bid.

If this Bid is accepted by the City and the Bidder fails to contract and furnish the required Bonds and insurance documentation within 10 days after being notified of the acceptance of this Bid, then the Bidder shall be considered to have abandoned the Contract and the certified check or Bid Bond accompanying this Bid shall become due and payable to the City.

If the Bidder enters into the Contract in accordance with this Bid, or if this Bid is rejected, then the accompanying check or Bid Bond shall be returned to the Bidder.

In submitting this Bid, it is understood that the right is reserved by the City to accept any Bid, to reject any or all Bids, to waive irregularities and/or informalities in any Bid, and to make the award in any manner the City believes to be in its best interest.

SIGNED THIS 3 DAY OF July, 2024.

21st Century Salvage
Bidder's Name

Authorized Signature of Bidder

10750 Martz Rd., Ypsilanti, MI 48197
Official Address

Keith Miller
(Print Name of Signer Above)

734-485-4855
Telephone Number

kmiller@21stdemo.com
Email Address for Award Notice

ATTACHMENT C
LEGAL STATUS OF BIDDER

(The bidder shall fill out the appropriate form and strike out the other three.)

Bidder declares that it is:

* A corporation organized and doing business under the laws of the State of Michigan, for whom Keith Miller, bearing the office title of President, whose signature is affixed to this Bid, is authorized to execute contracts.

NOTE: If not incorporated in Michigan, please attach the corporation's Certificate of Authority

• A limited liability company doing business under the laws of the State of _____, whom _____ bearing the title of _____ whose signature is affixed to this proposal, is authorized to execute contract on behalf of the LLC.

* A partnership, organized under the laws of the state of _____ and filed in the county of _____, whose members are (list all members and the street and mailing address of each) (attach separate sheet if necessary):

* An individual, whose signature with address, is affixed to this Bid: _____
(initial here)

Authorized Official

Keith Miller Date July 3, 2024

(Print) Name Keith Miller Title President

Company: 21st Century Salvage

Address: 10750 Martz Rd., Ypsilanti, MI 48197

Contact Phone (734) 552-2965 Fax (734) 485-5969

Email kmiller@21stdemo.com

ATTACHMENT D
PREVAILING WAGE DECLARATION OF COMPLIANCE

The "wage and employment requirements" of Section 1:320 of Chapter 14 of Title I of the Ann Arbor City Code mandates that the city not enter any contract, understanding or other arrangement for a public improvement for or on behalf of the city unless the contract provides that all craftsmen, mechanics and laborers employed directly on the site in connection with said improvements, including said employees of subcontractors, shall receive the prevailing wage for the corresponding classes of craftsmen, mechanics and laborers, as determined by statistics for the Ann Arbor area compiled by the United States Department of Labor. Where the contract and the Ann Arbor City Code are silent as to definitions of terms required in determining contract compliance with regard to prevailing wages, the definitions provided in the Davis-Bacon Act as amended (40 U.S.C. 278-a to 276-a-7) for the terms shall be used. Further, to the extent that any employees of the contractor providing services under this contract are not part of the class of craftsmen, mechanics and laborers who receive a prevailing wage in conformance with section 1:320 of Chapter 14 of Title I of the Code of the City of Ann Arbor, employees shall be paid a prescribed minimum level of compensation (i.e. Living Wage) for the time those employees perform work on the contract in conformance with section 1:815 of Chapter 23 of Title I of the Code of the City of Ann Arbor.

At the request of the city, any contractor or subcontractor shall provide satisfactory proof of compliance with this provision.

The Contractor agrees:

- (a) To pay each of its employees whose wage level is required to comply with federal, state or local prevailing wage law, for work covered or funded by this contract with the City,
- (b) To require each subcontractor performing work covered or funded by this contract with the City to pay each of its employees the applicable prescribed wage level under the conditions stated in subsection (a) or (b) above.
- (c) To provide to the City payroll records or other documentation within ten (10) business days from the receipt of a request by the City.
- (d) To permit access to work sites to City representatives for the purposes of monitoring compliance, and investigating complaints or non-compliance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services in accordance with the terms of the wage and employment provisions of the Chapter 14 of the Ann Arbor City Code. The undersigned certifies that he/she has read and is familiar with the terms of Section 1:320 of Chapter 14 of the Ann Arbor City Code and by executing this Declaration of Compliance obligates his/her employer and any subcontractor employed by it to perform work on the contract to the wage and employment requirements stated herein. The undersigned further acknowledges and agrees that if it is found to be in violation of the wage and employment requirements of Section 1:320 of the Chapter 14 of the Ann Arbor City Code it shall be deemed a material breach of the terms of the contract and grounds for termination of same by the City.

21st Century Salvage, Inc.

Company Name

Signature of Authorized Representative

Date

Keith Miller, President

Print Name and Title

10750 Martz Rd. Ypsilanti Mi. 48197

Address, City, State, Zip

734-552-2965 / kmiller@21stdemo.com

Phone/Email address

Questions about this form? Contact Procurement Office City of Ann Arbor Phone: 734/794-6500

ATTACHMENT E
LIVING WAGE ORDINANCE DECLARATION OF COMPLIANCE

The Ann Arbor Living Wage Ordinance (Section 1:811-1:821 of Chapter 23 of Title I of the Code) requires that an employer who is (a) a contractor providing services to or for the City for a value greater than \$10,000 for any twelve-month contract term, or (b) a recipient of federal, state, or local grant funding administered by the City for a value greater than \$10,000, or (c) a recipient of financial assistance awarded by the City for a value greater than \$10,000, shall pay its employees a prescribed minimum level of compensation (i.e., Living Wage) for the time those employees perform work on the contract or in connection with the grant or financial assistance. The Living Wage must be paid to these employees for the length of the contract/program.

Companies employing fewer than 5 persons and non-profits employing fewer than 10 persons are exempt from compliance with the Living Wage Ordinance. If this exemption applies to your company/non-profit agency please check here ☐ No. of employees

The Contractor or Grantee agrees:

- (a) To pay each of its employees whose wage level is not required to comply with federal, state or local prevailing wage law, for work covered or funded by a contract with or grant from the City, no less than the Living Wage. The current Living Wage is defined as \$16.43/hour for those employers that provide employee health care (as defined in the Ordinance at Section 1:815 Sec. 1 (a)), or no less than \$18.32/hour for those employers that do not provide health care. The Contractor or Grantor understands that the Living Wage is adjusted and established annually on April 30 in accordance with the Ordinance and covered employers shall be required to pay the adjusted amount thereafter to be in compliance with Section 1:815(3).

Check the applicable box below which applies to your workforce

- ☐ Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage without health benefits
- ☒ Employees who are assigned to any covered City contract/grant will be paid at or above the applicable living wage with health benefits

- (b) To post a notice approved by the City regarding the applicability of the Living Wage Ordinance in every work place or other location in which employees or other persons contracting for employment are working
- (c) To provide to the City payroll records or other documentation within ten (10) business days from the receipt of a request by the City.
- (d) To permit access to work sites to City representatives for the purposes of monitoring compliance, and investigating complaints or non-compliance.
- (e) To take no action that would reduce the compensation, wages, fringe benefits, or leave available to any employee covered by the Living Wage Ordinance or any person contracted for employment and covered by the Living Wage Ordinance in order to pay the living wage required by the Living Wage Ordinance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services or agrees to accept financial assistance in accordance with the terms of the Living Wage Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Living Wage Ordinance, obligates the Employer/Grantee to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract or grant of financial assistance.

21st Century Salvage, Inc.
Company Name

10750 Martz Rd.
Street Address

Signature of Authorized Representative Date

Ypsilanti Mi. 48197
City, State, Zip

Keith Miller / President
Print Name and Title

734-552-2965
Phone/Email address

Attachment F

CITY OF ANN ARBOR LIVING WAGE ORDINANCE

RATE EFFECTIVE APRIL 30, 2024 - ENDING APRIL 29, 2025

\$16.43 per hour

If the employer provides health care benefits*

\$18.32 per hour

If the employer does **NOT** provide health care benefits*

Employers providing services to or for the City of Ann Arbor or recipients of grants or financial assistance from the City of Ann Arbor for a value of more than \$10,000 in a twelve-month period of time must pay those employees performing work on a City of Ann Arbor contract or grant, the above living wage.

ENFORCEMENT

The City of Ann Arbor may recover back wages either administratively or through court action for the employees that have been underpaid in violation of the law. Persons denied payment of the living wage have the right to bring a civil action for damages in addition to any action taken by the City.

Violation of this Ordinance is punishable by fines of not more than \$500/violation plus costs, with each day being considered a separate violation. Additionally, the City of Ann Arbor has the right to modify, terminate, cancel or suspend a contract in the event of a violation of the Ordinance.

* Health Care benefits include those paid for by the employer or making an employer contribution toward the purchase of health care. The employee contribution must not exceed \$.50 an hour for an average work week; and the employer cost or contribution must equal no less than \$1/hr for the average work week.

The Law Requires Employers to Display This Poster Where Employees Can Readily See It.

**For Additional Information or to File a Complaint contact
Colin Spencer at 734/794-6500 or cspencer@a2gov.org**



ATTACHEMENT G

Vendor Conflict of Interest Disclosure Form

All vendors interested in conducting business with the City of Ann Arbor must complete and return the Vendor Conflict of Interest Disclosure Form in order to be eligible to be awarded a contract. Please note that all vendors are subject to comply with the City of Ann Arbor's conflict of interest policies as stated within the certification section below.

If a vendor has a relationship with a City of Ann Arbor official or employee, an immediate family member of a City of Ann Arbor official or employee, the vendor shall disclose the information required below.

1. No City official or employee or City employee's immediate family member has an ownership interest in vendor's company or is deriving personal financial gain from this contract.
2. No retired or separated City official or employee who has been retired or separated from the City for less than one (1) year has an ownership interest in vendor's Company.
3. No City employee is contemporaneously employed or prospectively to be employed with the vendor.
4. Vendor hereby declares it has not and will not provide gifts or hospitality of any dollar value or any other gratuities to any City employee or elected official to obtain or maintain a contract.
5. Please note any exceptions below:

Conflict of Interest Disclosure*	
Name of City of Ann Arbor employees, elected officials or immediate family members with whom there may be a potential conflict of interest.	<input type="checkbox"/> Relationship to employee
	<input type="checkbox"/> Interest in vendor's company
	<input type="checkbox"/> Other (please describe in box below)

*Disclosing a potential conflict of interest does not disqualify vendors. In the event vendors do not disclose potential conflicts of interest and they are detected by the City, vendor will be exempt from doing business with the City.

I certify that this Conflict of Interest Disclosure has been examined by me and that its contents are true and correct to my knowledge and belief and I have the authority to so certify on behalf of the Vendor by my signature below:		
21st Century Salvage, Inc.		734-485-4855
Vendor Name		Vendor Phone Number
	7/03/24	Keith Miller
Signature of Vendor Authorized Representative	Date	Printed Name of Vendor Authorized Representative

Questions about this form? Contact Procurement Office City of Ann Arbor Phone: 734/794-6500, procurement@a2gov.org

ATTACHMENT H

DECLARATION OF COMPLIANCE

Non-Discrimination Ordinance

The "non discrimination by city contractors" provision of the City of Ann Arbor Non-Discrimination Ordinance (Ann Arbor City Code Chapter 112, Section 9:158) requires all contractors proposing to do business with the City to treat employees in a manner which provides equal employment opportunity and does not discriminate against any of their employees, any City employee working with them, or any applicant for employment on the basis of actual or perceived age, arrest record, color, disability, educational association, familial status, family responsibilities, gender expression, gender identity, genetic information, height, HIV status, marital status, national origin, political beliefs, race, religion, sex, sexual orientation, source of income, veteran status, victim of domestic violence or stalking, or weight. It also requires that the contractors include a similar provision in all subcontracts that they execute for City work or programs.

In addition the City Non-Discrimination Ordinance requires that all contractors proposing to do business with the City of Ann Arbor must satisfy the contract compliance administrative policy adopted by the City Administrator. A copy of that policy may be obtained from the Purchasing Manager

The Contractor agrees:

- (a) To comply with the terms of the City of Ann Arbor's Non-Discrimination Ordinance and contract compliance administrative policy, including but not limited to an acceptable affirmative action program if applicable.
- (b) To post the City of Ann Arbor's Non-Discrimination Ordinance Notice in every work place or other location in which employees or other persons are contracted to provide services under a contract with the City.
- (c) To provide documentation within the specified time frame in connection with any workforce verification, compliance review or complaint investigation.
- (d) To permit access to employees and work sites to City representatives for the purposes of monitoring compliance, or investigating complaints of non-compliance.

The undersigned states that he/she has the requisite authority to act on behalf of his/her employer in these matters and has offered to provide the services in accordance with the terms of the Ann Arbor Non-Discrimination Ordinance. The undersigned certifies that he/she has read and is familiar with the terms of the Non-Discrimination Ordinance, obligates the Contractor to those terms and acknowledges that if his/her employer is found to be in violation of Ordinance it may be subject to civil penalties and termination of the awarded contract.

21st Century Salvage, Inc.

Company Name

7/03/24

Signature of Authorized Representative

Date

Keith Miller

Print Name and Title

10750 Martz Rd., Ypsilanti, MI 48197

Address, City, State, Zip

734-485-4855 kmiller@21stdemo.com

Phone/Email Address

Questions about the Notice or the City Administrative Policy, Please contact:
Procurement Office of the City of Ann Arbor
(734) 794-6500

From: [Keith Miller](#)
To: [Fercho, Adam](#)
Subject: RE: RFP24-41 Demolition Projects - City of Ann Arbor
Date: Thursday, July 11, 2024 12:28:33 PM
Attachments: [image002.png](#)

This message was sent from outside of the City of Ann Arbor. Please do not click links, open attachments, or follow directions unless you recognize the source of this email and know the content is safe.

Adam

The addendums #1 dated 6/25/2024 and #2 dated 6/26/2024 were both taken in to account when preparing our proposal.

Kind Regards,

Keith Miller

President

10750 Martz Rd. Ypsilanti, MI 48197

kmiller@21stdemo.com

P - 734.485.4855 | C - 734.552.2965 | F - 734.485.6959

www.21stdemo.com

**21ST CENTURY
SALVAGE INC.**

From: Fercho, Adam <AFercho@a2gov.org>
Sent: Thursday, July 11, 2024 11:54 AM
To: Keith Miller <kmiller@21stdemo.com>
Subject: RFP24-41 Demolition Projects - City of Ann Arbor
Importance: High

Good Morning Keith,

I'm writing you about your proposal for RFP24-41 Demolition Projects for the City of Ann Arbor. We are finalizing the evaluations of the received proposals, and I'm writing you due to a minor irregularity. On Attachment B – General Declarations, you did not acknowledge receipt of the two addenda of which your proposal was bid. You signed Attachment B, you just did not enter the two addenda that were published as part of the RFP. I have attached your response to this email.

I wanted to confirm with you that you do acknowledge the Addenda, and they were taken into account with your bid. A written response to this email will suffice, and I can include it with your Bid Proposal.

If possible, we would like to finish evaluations today/tomorrow, so if you could please respond at your early convenience, that would be much appreciated.

Thank you,

Adam Fercho, Park Planner & Landscape Architect

City of Ann Arbor | Guy C. Larcom City Hall | 301 E. Huron · Ann Arbor · MI · 48107
734.794.6230 ext.42549 (O) | Internal Extension 42549
afercho@a2gov.org | www.a2gov.org