November 10, 2022

CM CLARIFICATION #06

BID PACKAGE 03 – ELEVATORS

PROJECT: New Cherokee Nation Hospital

Foreman Manhattan Team has added and/or revised the following CM Manual documents for review and inclusion by all contractors within their Scope Package Proposal:

1. **00 50 00 – BID FORMS, BID PACKAGES:**
   The following Bid Package Scopes / Bid Forms are REVISED and re-issued. Bidders must submit this revised bid form:

   14.01 Elevators

2. **00 70 19 – PROJECT SPECIFIC SAFETY PROGRAM:**
   The Project Specific Safety Program has been revised and reissued. Replace previously issued Safety Program (Dated August 2022) with the enclosed Safety Program (Dated November 2022).

3. **RFI's**
   The following Preconstruction RFI's are issued:
   RFI PC-012
   RFI PC-013

4. **BID DATE: (Revised Bid TIME)**

   Bid **time** REVISED:
   The time deadline for bid submission is REVISED to **10:00AM Central**

   Bid **date** Remains:
   Thursday, November 17

- END OF CM CLARIFICATION -

Proposal Bid Form: **14.01 Elevators**

8078 - New Cherokee Nation Hospital - BP03 Elevators

Tahlequah, OK

SUBMITTED BY (Company Name Per W-9 Form): _____

CONTACT NAME: _____

ADDRESS: _____

_____

PHONE NUMBER: _____

EMAIL: _____

SIGNATURE: _____

LINE ITEMS

Description

PROJECT BREAK-OUT (Including Sales Tax)

1. Patient Transfer Elevators PT 1 and PT2: Electric Traction Elevators

$

Base Bid PT1 and PT2 Elevators to be 225 fpm rated speed at the specified 10,000 lb rated capacity (Per PC-RFI 013). Note here (or on attached proposal) if the proposed elevator varies from the specified requirements:

2. Public Elevators P1, P2, and P3: Machine Room-Less Electric Traction Elevators

$

5,000 LB Rated Load is acceptable per PC-RFI 012. Please note here (or on attached proposal) if the proposed elevator varies from the specified requirements:

3. Staff Elevators S1 and S2: Machine Room-Less Electric Traction Elevators

$

5,000 LB Rated Load is acceptable per PC-RFI 012. Please note here (or on attached proposal) if the proposed elevator varies from the specified requirements:

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4. Loading Dock Elevator LD1: Machine Room-Less Electric Traction Elevator

$

5,000 LB Rated Load is acceptable per PC-RFI 012. Please note here (or on attached proposal) if the proposed elevator varies from the specified requirements:

BASE BID (TOTAL OF ABOVE ITEMS):

$

ALTERNATES:

ALT 1 - ADD - Provide Hoistway Entrance Screen Protection as required by OSHA. Protection shall be installed from floor to deck of the structure. This shall be per hoistway.

$

ALT 2 - ADD - Provide temporary service of Patient Transfer Elevator PT1 for eight (8ea) months. The eight months would occur between elevator completion and building turn over. Provide install and removal of temporary protection of the elevator cab, doors (inside and out), and finishes. This temporary service shall include an additional inspection fee, extended warranty, and required clean up.

$

ALT 3 - ADD - Provide one additional stop for Staff Elevators S1 and S2 at the high roof level. This alternate assumes there is a penthouse constructed at the roof level to facilitate this additional stop.

$

ALT 4 - DEDUCT - The Owner and Foreman Manhattan are evaluating the potential use of a CIP Insurance program whereby General Liability, Workers Comp, and Umbrella coverage would be provided by the Owner and Foreman Manhattan for subcontractors working on the project site. Please provide a DEDUCT ALTERNATE PRICE to NOT provide the required insurance for GL, Work Comp, and Umbrella coverage if a CIP program is utilized. Please keep in mind that coverage for Auto and offsite work activities are the responsibility of each subcontractor regardless of the use of a CIP program. If Pollution and / or Professional Liability insurance are required for an individual scope of work, then that coverage also the responsibility of each subcontractor regardless of the use of a CIP program. Auto, offsite work activities, Professional, and Pollution are not included in the CIP program.

$

ALT 5 - ADD or DEDUCT - As an Alternate to Base Bid Item #1 above, provide a price for PT1 and PT2 to be 500 fpm rated speed at 9,000 lbs rated load, per PC-RFI 013. Please note here (or on attached proposal) if the proposed elevator varies from the specified requirements:

$

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UNIT PRICES:

UP-1 RE-INSPECTION COST: Cost of reinspection due to other trades or not caused by the elevator contractor. ($ Per Inspection)	$ Per Inspection
UP-2 RE-MOBILIZATION COST: Cost of remobilization due to other trades or at the request of Foreman Manhattan. ($ Per Mobilization)	$ Per Mobilization
UP-3 REGULAR TIME: Provide regular time hourly rate for work as directed by CM.	$ Per Hour
UP-4 OVER TIME: Provide over time hourly rate for work as directed by CM.	$ Per Hour

MULTI-PACKAGE DISCOUNT:

If multiple bid packages are awarded to your company, apply the following discount. Discounts will be taken into account during the review and award process.

Bid Package Number: Description (Write Above)	($) Discount

INCLUSIONS:

APPLICABLE SPECIFICATION SECTIONS:	Mark "Yes" or "No" To All:	
- DIVISION 00 - FOREMAN MANHATTAN'S CONSTRUCTION MANAGER'S BID MANUAL (COMPLETE)	___ Yes	___ No
- DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS (Pertinent portions applicable to the WORK)	___ Yes	___ No
- DIVISION 01 - GENERAL REQUIREMENTS (Pertinent portions applicable to the WORK)	___ Yes	___ No
- 14 21 00 - ELECTRIC TRACTION ELEVATORS (COMPLETE)	___ Yes	___ No
- 14 21 23 - MACHINE-ROOM-LESS ELECTRIC TRACTION ELEVATORS (COMPLETE)	___ Yes	___ No

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SCOPE OF WORK:

	Mark "Yes" or "No" To All:	
Includes, but is not limited to, providing all the necessary labor, materials, tools, supplies, supervision, insurance, equipment, scaffolding, hoisting, fees, etc. necessary to provide the Elevators for the Cherokee Nation New Hospital site, Tahlequah, Oklahoma in accordance with the Contract Documents. It is further understood and agreed that this Subcontract also includes the furnishing and installation of the below listed items regardless of whether or not they are in the listed specification section(s) or any other specification section(s) or shown on the plans. This scope listing is to be used as a guideline and should not be considered as an all-inclusive list of items required to provide a complete scope of work under this proposal.	___ Yes	___ No
Drawing and detail references are provided for reference only and are not to be considered as all- inclusive of Contract Documents for the particular items referenced. (Please note: The word “provide” when used herein shall mean furnish and install completely, including all costs for labor, materials, equipment, hoisting, layout, scaffolding, ladders, staging, tools, rigging and any other appurtenances necessary to complete the Work”.) Subcontractor has familiarized himself with the documents and has included those items of work shown and noted on the documents and all other equipment, devices and components that are not shown or noted, but required to provide a complete, functional and working system that is in compliance with all Federal, State and Local codes.	___ Yes	___ No
1. Provide a complete and fully functional code compliant elevator system as indicated and required by the contract documents	___ Yes	___ No
2. Provide all submittals, product data, shop drawings, maufacturer certificates, samples, manufacturer's special warranty sample, continuing maintenace proposal as specified within two (2) weeks receipt of contract or letter of intent. Provide detailed shop drawing showing pit layout along with approved locations for all electrical devices (sleeves, receptacle, switch and light locations) and dimensioned sump pit and ladder locations including pump piping and conduit routing by Divisions 21, 22, 23, 26, 27, and 28 subcontractors. Coordinate with Division 26 subcontractor for all required electrical sleeves, conduit, power connections and telephone requirements.	___ Yes	___ No
3. All submittals are to be job specific and not generic catalog cut sheets.	___ Yes	___ No
4. Contractor shall not include in Base Proposal amount, any required stipulations, payment terms, prorated discounts, down payments or payment schedules. Contractor may provide as a voluntary alternate any of these items as suggested means for reduction of cost to Base Bid. Additionally these items are subject to review and approval by Foreman Manhattan and the Owner.	___ Yes	___ No
5. Prior to commencement of work, this Subcontractor shall inspect hoist-ways, hoist-way openings, and pits to verify all critical dimensions and supporting structure. Subcontractor shall notify the Construction Manager of any discrepancies in writing. Failure to notify the Construction Manager shall constitute acceptance of existing conditions and corrective measures will be the responsibility of this Subcontractor. Field measure and verify existing conditions prior to fabrications or ordering of materials if measurements are critical.	___ Yes	___ No
6. Contractor shall inspect all shafts for plumb and square, prior to commencement of work. Include a separate mobilization for this work. Subcontractor shall notify the Construction Manager of any discrepancies in writing. Failure to notify the Construction Manager shall constitute acceptance of existing conditions and corrective measures will be the responsibility of this Subcontractor.	___ Yes	___ No
7. This Subcontractor shall inspect the structural drawings upon being awarded a subcontract and notify the Construction Manager if the structural members shown will not work, in any way, with the elevator system. Furthermore, this subcontractor shall provide any other miscellaneous support steel not shown in the structural drawings that will be required for the elevator system	___ Yes	___ No
8. Any structural modifications required for the equipment furnished hereunder is to be paid for by this subcontractor. Includes any design or re-design fees.	___ Yes	___ No

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9. Elevator contractor shall verify pit size, depth and hoist way overrun as indicated that will work with the equipment. ANY EXECPTIONS MUST BE NOTED WITH YOUR PROPOSAL.	___ Yes	___ No
10. Confirm that specified tolerances within Contract Documents for other trades meet requirements for installation of work by this Trade Contract. Alert Foreman Manhattan's designated representative of any discrepancies or potential problems with tolerances immediately.	___ Yes	___ No
11. This Subcontractor to include multiple mobilizations as required to main project schedule.	___ Yes	___ No
12. Provide all field engineering and layout from benchmarks and base building control that is required to complete the work as applicable (Benchmarks and baseline control to be furnished by others). This contractor is responsible for replacement of any damaged benchmarks, base line control or layout work of other trades / packages damaged or destroyed by the work of this subcontractor.	___ Yes	___ No
13. Provide and comply with all OSHA and CM required overhead and fall protection for work of this subcontract. Review lay-out and design with Foreman Manhattan safety and Site Management prior to installation. Control, maintain and correct all systems required by Subcontractor while on project.	___ Yes	___ No
14. Provide and install full-cover hoist-way entrance protection, including nylon mesh or reinforced plastic overhead protection at all hoist-way openings to prevent materials or tools from falling into the elevator shaft during installation per OSHA.	___ Yes	___ No
15. All deliveries for this subcontractor shall be received, unloaded, hoisted, and located to storage location and signed for by this contractor.	___ Yes	___ No
16. Storage of materials onsite must be coordinated with the Construction Manager before delivery of materials. Any stored materials not coordinated will be the sole responsibility of this contractor to relocate at their expense. Additionally, contractor shall not include any restriction of distance, exclusion of weather protection, or exclusion of levelness or roll-able access for equipment unloading to storage area(s); or for logistics of equipment from storage area to shaft / hoist-ways for installation. A mutually agreeable Contractor / CM determined storage area will be determined during construction prior to shipment.	___ Yes	___ No
17. Provide all elevator components knocked down as necessary to accommodate transport through the building, material hoist, and upon availability, stairs and elevators.	___ Yes	___ No
18. Legally dispose offsite all system components when determined by Elevator Subcontractor and upon approval of CM when not required or needed.	___ Yes	___ No
19. Furnish all embeds, sleeves, and inserts necessary for the installation of the elevator work that is imbedded in the work of Others to meet project schedule requirements. This contractor shall confirm installed locations and advise of any potential issues. Embeds sleeves and inserts to be installed by others.	___ Yes	___ No
20. Divider beams, columns, hoisting beams, pit ladders elevator sump metal frames and grates shall be furnished and installed by others. This Subcontractor shall provide the size of the hoisting beam to the Construction Manager. All other steel members required for a complete installation shall be by this Subcontractor.	___ Yes	___ No
21. Provide all elevator cab finishes per the finish schedule on A4.23. Floor finishes by others.	___ Yes	___ No
22. Provide all elevator accessories as specified including hooks and protective pads as specified for each elevator.	___ Yes	___ No
23. Provide all achorage devices for installing guide rails for hoist way sizes indicated.	___ Yes	___ No

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24. Provide elevator sills as required for entrance type used.	___ Yes	___ No
25. Provide sill support angles required at door openings. Grouting by others.	___ Yes	___ No
26. Coordinate and provide elevator frames for wall thicknesses as indicated per the Contract Documents.	___ Yes	___ No
27. Provide fire rated hoistway door and frame entrance assembly as specified.	___ Yes	___ No
28. Supply all vibration isolation mounts for all rotating or vibrating equipment as specified.	___ Yes	___ No
29. Provide all required cut and patching, core drilling, penetration seals, escutcheons, plate covers, fire stops, fire-safing, fire caulking, sealing and grouting of all floors, wall and ceiling penetrations as required by this scope of work. Contractor to document (with photos) all fire stopping work prior to wall or ceiling closure.	___ Yes	___ No
30. Provide all labels, stencils, tags, warning tape and similar pipe identification relative to the work of this subcontract.	___ Yes	___ No
31. Provide all required access panels or architectural cover plates as required for the execution of this work. All access panels will be installed by others).	___ Yes	___ No
32. Provide all equipment, scaffolding, temporary work decks / platforms (at shaft top and intermediate locations as required) including all rigging required to complete installation for all elevators.	___ Yes	___ No
33. Provide Firefighters' Two-Way Telephone Communication Service in each car and traveling cable as specified.	___ Yes	___ No
34. Subcontractor is to coordinate and verify with the division 26 subcontractor to ensure entire arrangement of sleeves, conduit, devices and equipment in control room and hoist ways will meet code requirements.	___ Yes	___ No
35. Subcontractor shall be responsible for all required wiring and connections between and within the elevator, elevator controllers, elevator security and elevator equipment and machinery to a designed point inside the elevator machine room. Coordinate all work with the Electrical Subcontractor.	___ Yes	___ No
36. Temporary power will be provided by others for this Subcontractor's use. Electrical tie-in shall be by this Subcontractor.	___ Yes	___ No
37. Conduit and associated sleeves will be brought to the elevator pit by others. Conduit for fire control and emergency power to be by others. This contractor to provide the wiring and respective panel for their systems.	___ Yes	___ No
38. Subcontractor to coordinate Emergency Power Operations with others. Electrical Subcontractor to provide conduit and wiring to automatic transfer switch from elevator machine room or hoist-way.	___ Yes	___ No
39. Fire sprinklers in machine room and pit if applicable shall be by others. Elevator cab shall provide tie-in points for connection of any fire sprinkler and fire alarm devices required by code. This Subcontractor shall work with Architect and Foreman Manhattan's designated representative to ensure that life safety systems as designed comply with current elevator codes.	___ Yes	___ No
40. Subcontractor shall be responsible for obtaining and paying for the necessary licenses, permits, testing and inspections required by local jurisdiction and/or governing authorities to complete this work and put the elevators in service. Include any required factory and field testing. Advise in advance of dates and times tests are to be performed on the elevators to Foreman Manhattan's designated representative, Owner, Architect and State Inspection Department.	___ Yes	___ No
41. Furnish, install and remove any temporary protection required for protecting existing improvements, work of other trades, and floors or building finishes from damage from material deliveries or work activities of this contractor. Protect all elevators and elevator components from damage. This also includes protection and proper storage of materials for this scope of work.	___ Yes	___ No

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42. Provide all necessary signage required to obtain final inspection approval for the elevators. Provide pre-installation checklists for equipment covered under this contract for use by the Foreman Manhattan within one (1) week of contract award. Provide the Construction Manager with copies of all inspection/acceptance certificates and operating permits as required by Governing authorities to allow normal, unrestricted use of the elevators.	___ Yes	___ No
43. Contractor shall provide 64 OT Man Hours of operated elevators during construction / prior to inspections for use of the Construction Manager.	___ Yes	___ No
44. At substantial completion, remove all plastic and protection of elevator components. Contractor to provide typical protection of entrances and doors (i.e., film of plastic).	___ Yes	___ No
45. Make a final check of each elevator operation with Foreman Manhattan designated representative and owner's personnel present prior to substantial completion to verify that control systems and operating devices are functioning properly. Perform a final cleaning prior to inspection.	___ Yes	___ No
46. This contractor shall be responsible for additional testing and inspections for out of compliance work.	___ Yes	___ No
47. Elevator contractor will be required to have on site a technician present during Fire Marshal and/or Final Occupancy walk through.	___ Yes	___ No
48. Provide Initial Maintenance Service for 12 months after date of substantial completion as specified.	___ Yes	___ No
49. Contractor shall include one (1ea) onsite technician for two (2ea) days for the facility's Grand Opening day. The day of the Grand Opening and for the following day.	___ Yes	___ No
50. Contractor shall include collaboration with the Architect and design team to coordinate the requirements of their elevator systems with the design documents as needed after bid.	___ Yes	___ No

SCOPE-SPECIFIC CLARIFICATIONS / EXCLUSIONS

1) Exclude elevator cab floor finishes - by Flooring contractor.
2) Exclude installation of access panels.
3) Divider beams, columns, hoisting beams, pit ladders, elevator sump metal frames and grates.
3) Grouting of sill support angles.

GENERAL ACKNOWLEDGEMENTS

	Mark "Yes" or "No" To All:	
1. Sales Tax - This subcontract shall include all applicable sales tax.	___ Yes	___ No
2. Include separate mobilizations / demobilizations as required by the Project Schedule and Phasing Plans.	___ Yes	___ No
3. Provide all mock-ups as indicated or required by the contract documents. Removal of the mock-up if required by the contract documents.	___ Yes	___ No
4. Provide all Warranties, Special Warranties, Inspections or Special Project Warranties as required by contract documents or manufacturer's written requirements.	___ Yes	___ No
5. Provide all shop drawings, product data, sample and other pertinent submittals for the work of this Subcontract. Provide engineering and printing costs for all shop drawings, coordination drawings, and product submittals for architect approval as required to properly coordinate the work included in this Subcontract with other trades. Include costs for revising and resubmitting shop/ coordination drawings as needed.	___ Yes	___ No

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6. Subcontractor shall warehouse or store, separate and clearly identify all materials or equipment purchased as stored material under this Subcontract in order for Foreman Manhattan and The Owner's representatives to inspect and verify offsite storage at any time during the execution of this Subcontract. All materials stored offsite must be located in an insured and bonded warehouse facility.	___ Yes	___ No
7. Provide all required pedestrian protection, traffic control and protection including flagman, barricades, signage, etc. as required for the work, and as may be required for protection for equipment access, deliveries and loading.	___ Yes	___ No
8. Subcontractor is required to comply with requirements to control Dust and Airborne Contaminants. No waste materials or debris shall be allowed to accumulate.	___ Yes	___ No
9. Keep surrounding streets, drives, and parking areas free of dirt caused or created by the work of this bid package.	___ Yes	___ No
10. Provide all cleanup and haul-off of excess debris resulting from work of this Subcontract. Large or heavy items are not to be placed in the dumpster without specific approval from the Construction Manager.	___ Yes	___ No
11. It is mutually understood and agreed that this subcontractor will coordinate all of the scheduled deliveries of these items being furnished by others with the Foreman Manhattan designated representative. This includes the on or off site storage, staging, inventory control, and shipping to the site. All damages or shortages are to be reported within 24 hours of delivery.	___ Yes	___ No
12. Subcontractor will assist Foreman Manhattan with providing material quantities and cost breakdowns as required for the Owner's and Foreman Manhattan's budget requirements. All breakouts specified in this subcontract will be used for accounting purposes and tracking only.	___ Yes	___ No
13. Subcontractor agrees to be bound by the Welcome Package issued by the Foreman Manhattan Field staff.	___ Yes	___ No
14. Authorized Subcontractor supervision must be onsite while work is being performed.	___ Yes	___ No
15. The terms and conditions contained in the following documents shall be executed UNCONDITIONALLY including General Provisions, Article 2.5, "Indemnification" as included within the contract documents are incorporated herein by reference as if fully written out;	___ Yes	___ No
Manhattan General Provisions 2012	___ Yes	___ No
Exhibit A - (Scope of Work)	___ Yes	___ No
Exhibit B - (Bond Forms)	___ Yes	___ No
Exhibit C - (Insurance Requirements / Sample)	___ Yes	___ No
Exhibit D - (Construction Documents)	___ Yes	___ No
Exhibit E - (Special Conditions)	___ Yes	___ No
Exhibit F - (Project Schedule)	___ Yes	___ No
Exhibit G - (Not Used)		
Exhibit H - (Manhattan Additional Safety Requirements)	___ Yes	___ No
Exhibit I - (Specific Inclusions)	___ Yes	___ No
16. Contractor will hold pricing for 60 Calendar Days from the date of submission of this proposal.	___ Yes	___ No
17. Each subcontractor will also be responsible for contributing personnel to a composite clean-up crew while on-site completing this scope of work. These composite member are anticipated for a 40 hour work week. During the extent of your contract provide laborer(s) in accordance with the following matrix for the composite clean-up - On-site work force 1-15 requires 1 laborer, 16-25 requires 2 laborers, 26-50 requires 3 laborers, 51-100 requires 4 laborers and 100+ requires 6 laborers. Enter the amount INCLUDED in your base bid for the composite clean-up.	___ Yes	___ No
18. Contractor shall provide a complete installation that complies with all applicable codes, ordinances and satisfying all Authorities Having Jurisdiction.	___ Yes	___ No
19. Contractor is responsible for all related pumping, bailing, discharge and maintenance thereof including temporary drainage requirements for control of run-off and the prevention of ponding and repair to resulting damaged sub-grades.	___ Yes	___ No

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20. Provide coordination, assistance, and necessary access for the Owner's furnished Testing Laboratory, including notification, obtaining samples and data gathering as required for scope of work. Costs for retesting due to failed tests and/or for Subcontractor's unpreparedness, will be paid by this Subcontractor.	___ Yes	___ No
21. Revise Paragraph 1.2.3 of section 00 60 02A Manhattan General Provisions as contained in the Construction Manager's Bid Manual as follows:	___ Yes	___ No
Until Subcontractor's obligations under this Subcontract are completely fulfilled, Subcontractor agrees not to perform any changes to the work directly for Owner or any of its tenants, or deal directly with Owner's representatives with respect to the work and / or changes to the work, in connection with the Project, unless approved in writing by Foreman Manhattan. Foreman Manhattan understands that the Owner and specifically TERO shall communicate directly with the subcontractor to maintain a spirit of cooperation and also to utilize the TERO Job Bank to the fullest extent giving **first hire priority rights to Cherokee Citizens.**		
22. The Owner requirements for funding for work in progress is to provide payment less retainage of the percent (10%), which shall be withheld and paid, without interest, upon final completion of the entire project.	___ Yes	___ No
23. Contractor has visited the Project Site Location.	___ Yes	___ No
24. Contractor has an executed "MGP" or Manhattan General Provisions signed after FY2012.	___ Yes	___ No
25. Contractor acknowledges and agrees to Foreman Manhattan Target Schedule. Contractor has verified suppliers are able to meet the required dates.	___ Yes	___ No
26. Contractor is able to provide minimum insurance requirements, including but not limited to pollution insurance referenced in Exhibit C.	___ Yes	___ No
27. Bidder is a registered TERO Contractor, and has attached front and back of TERO Certificate.	___ Yes	___ No
28. Bidder has properly EXCLUDED the TERO Work Permit Fee of $25 per Day per Non-Native Worker? (Fee is waived for this project).	___ Yes	___ No
29. Bidder has properly EXCLUDED the TERO Employment Rights Fee of 1/2 of 1% of the total project cost on this contract? (Fee is waived for this project).	___ Yes	___ No
30. Bidder has included wage rates which follow the Davis Bacon Wage Scale. Conctractors will be required to maintain wage rates paid to employees and have reports available upon request.	___ Yes	___ No
31. Contractor acknowledges all addenda.		
Addendum #'s: _____	___ Yes	___ No
32. Contractor acknowledges all Foreman Manhattan CM Clarifications.		
CM Clarification #'s: _____	___ Yes	___ No

BOND INFORMATION:

Provide Bond Rate (Bids are to **INCLUDE** cost of Payment and Performance Bond)	**%**

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OTHER COMMENTS / VALUE ANALYSIS SUGGESTIONS:

Please write in the box below any suggestions for cost savings / value analysis which were discovered during the course of bidding this project, along with a dollar value for each item. VA Suggestions may be included in the criteria considered for successful subcontractor selection. Attach additional sheet(s) if necessary.

ON-SITE PERSONNEL LABOR RATES (Inclusive of Labor Burden):

Provide a list of ALL on-site labor classifications with both their straight time hourly rates and overtime hourly rates. All potential on-site labor classifications are required to be provided with this scope package. (ie Journeyman straight time $XX.XX and overtime $XX.XX, Superintendent straight time $XX.XX and overtime $XX.XX, etc.) These are the rates which will be expected to be used on change proposals during construction. This may be provided in the box below, or on an attached document.

LABOR RATES:	STRAIGHT TIME	OVERTIME
Position / Title #1:	$ / Hr	$ / Hr
Position / Title #2:	$ / Hr	$ / Hr
Position / Title #3:	$ / Hr	$ / Hr
Position / Title #4:	$ / Hr	$ / Hr
Position / Title #5:	$ / Hr	$ / Hr
Position / Title #6:	$ / Hr	$ / Hr

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Bid Envelope Contents Checklist:

a. Completed Foreman Manhattan Bid Form / Scope Package Document (this document)	_____
b. Completed Non-Collusion Affidavit	_____
c. Completed Business Relationship Affidavit	_____
d. Bidder's Proposal / Scope Letter (Optional)	_____
e. Bonding Letter Indicating Single Project and Aggregate P&P Bonding Capacity	_____
f. Copy of Front and Back of TERO Certificate (TERO Bidders Only)	_____

~ END OF BID PACKAGE ~

FOREMAN | MANHATTAN
Construction Team

Updated – 11/22

Site Specific Safety Plan

New Cherokee Nation Hospital - Project #8078

PATRICK FOGARTY – 918.946.6890 – SR. PROJECT MANAGER

JASON SCHAFER – 918.344.3338 – SR. SUPERINTENDENT

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Section 1. Operation Zero:

OPERATION ZERO

One of our corporate goals is:
"No injury is acceptable, and every accident is preventable.

Our Foreman Manhattan family of builders values our team member's lives and families. Our mission is to ensure that we build with safety excellence and building excellence. We will always use our OPERATION ZERO safety strategy to make sure that everyone goes home every day safely. We will provide the leadership, training, and resources necessary to ensure that each of our managers and craft workers are committed to make OPERATION ZERO a successful safety management effort.

This commitment is founded upon a safety culture that includes the following beliefs shared by all employees at Foreman Manhattan:

- A shared value for safety.
- A shared commitment at all levels throughout the company.
- A belief that it is possible to eliminate all incidents and injuries.
- An environment of authentic care and concern for the workforce.
- Where individuals take direct responsibility for their safety and the safety of their co-workers.
- Where safety actions are driven from choice and not from just formal compliance of rules.

These six beliefs form the foundation of a strong safety culture at Foreman Manhattan. We call it "OPERATION ZERO."

General Information:

- New Cherokee Nation Hospital
- 19780 E Ross St
- Tahlequah, OK 74464

Section 2. Foreman Manhattan Project Team:

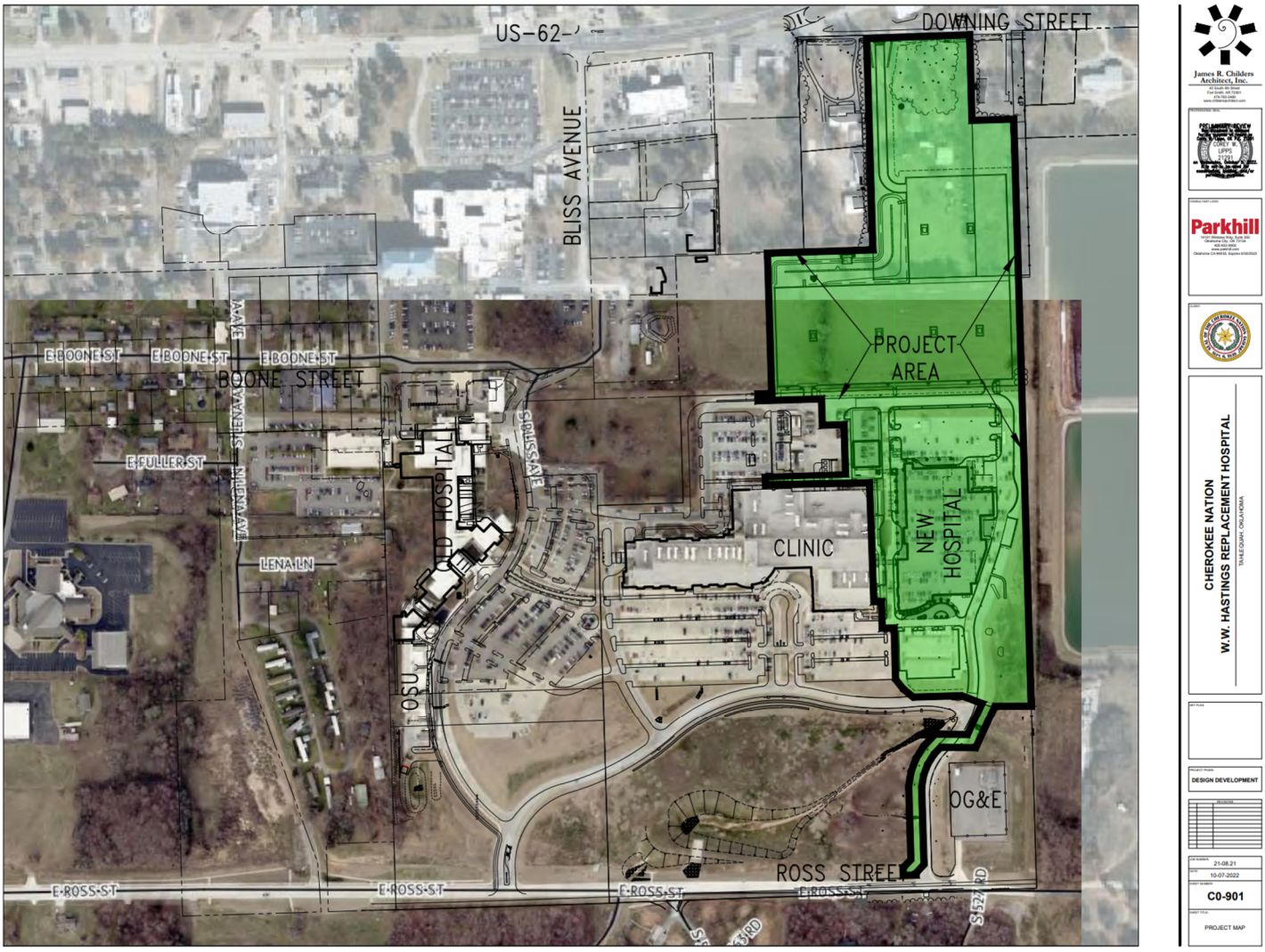
Role	Name	Contact Information
Senior Project Manager	Patrick Fogarty	Day: 918.583.6900 Cell: 918.946.6890 Email: pfogarty@manhattanconstruction.com
Project Manager		Day: Cell: Email:
Senior Superintendent	Jason Schafer	Day: Cell: 918.344.3338 Email: jschafer@manhattanconstruction.com
Superintendent		Day: Cell: Email:
Assistant Superintendent		Day: Cell: Email:
Assistant Superintendent		Day: Cell: Email:
Safety Manager	Hal Wheatley	Day: Cell: 918.232.8897 Email: hwheatley@manhattanconstruction.com
Team Administrator (*FOM)*		Day: Cell: Email:
Project Engineer		Day: Cell: Email:
Field Engineer		Day: Cell: Email:
Field Engineer		Day: Cell: Email:

Section 3. Emergency Services

Emergency Services	Contact Information	Additional Information
Cherokee Nation Hastings Hospital	Phone: 918.458.3100 Address: 100 Bliss Ave, Tahlequah, OK 74464	
Hospital #2	Phone: Address:	
Urgent Care Clinic	Phone: Address:	
Fire	Phone: 918.456.2424 Address: 125 E Chickasaw Street, Tahlequah, OK 74464	Emergency 911
Police	Phone: 918.456.8801 Address: 101 S Cherokee Ave, Tahlequah, OK 74464	Emergency 911
Poison Information Center	Phone: 1.800.222.1222 Address:	
Local American Red Cross	Phone: 918.682.1366 Address: 566 N 6th St, Muskogee, OK 74401	
Utility Companies	**Contact Information**	**Additional Information**
Lake Region Electric Cooperative	Phone: 918.772.2526	
Oklahoma Natural Gas	Phone: 800.664.5463	
Tahlequah Public Works Authority	Phone: 918.456.2564	
Government Agencies/Offices	**Contact Information**	**Additional Information**
OSHA	405.848.8626	
EPA	918.292.8652	
Oklahoma DEQ	405.702.0100	
Health Department	918.456.8826	

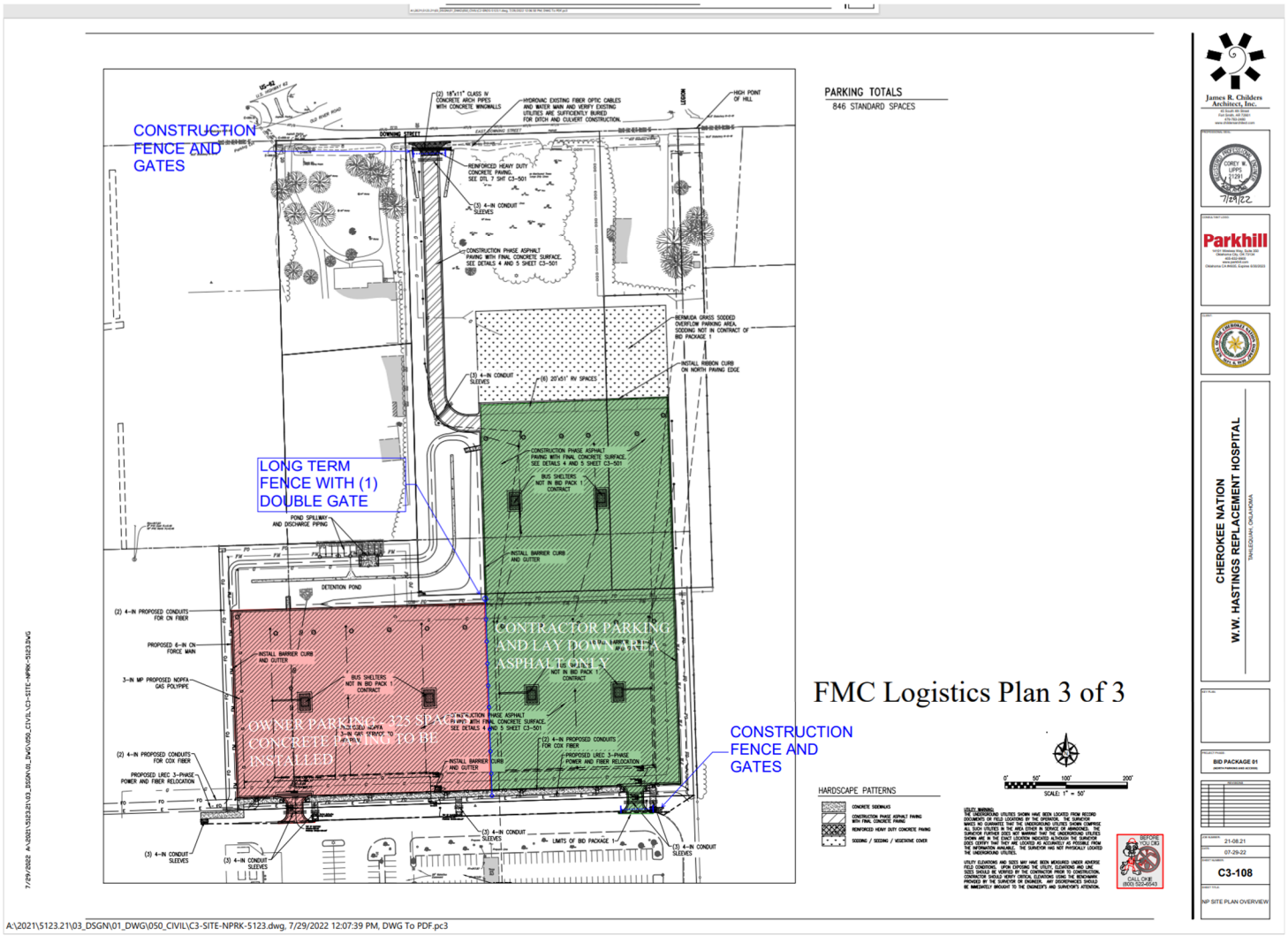
Section 4. Project Location Map

INSERT MAP OF PROJECT AREA HERE (GOOGLE MAPS)



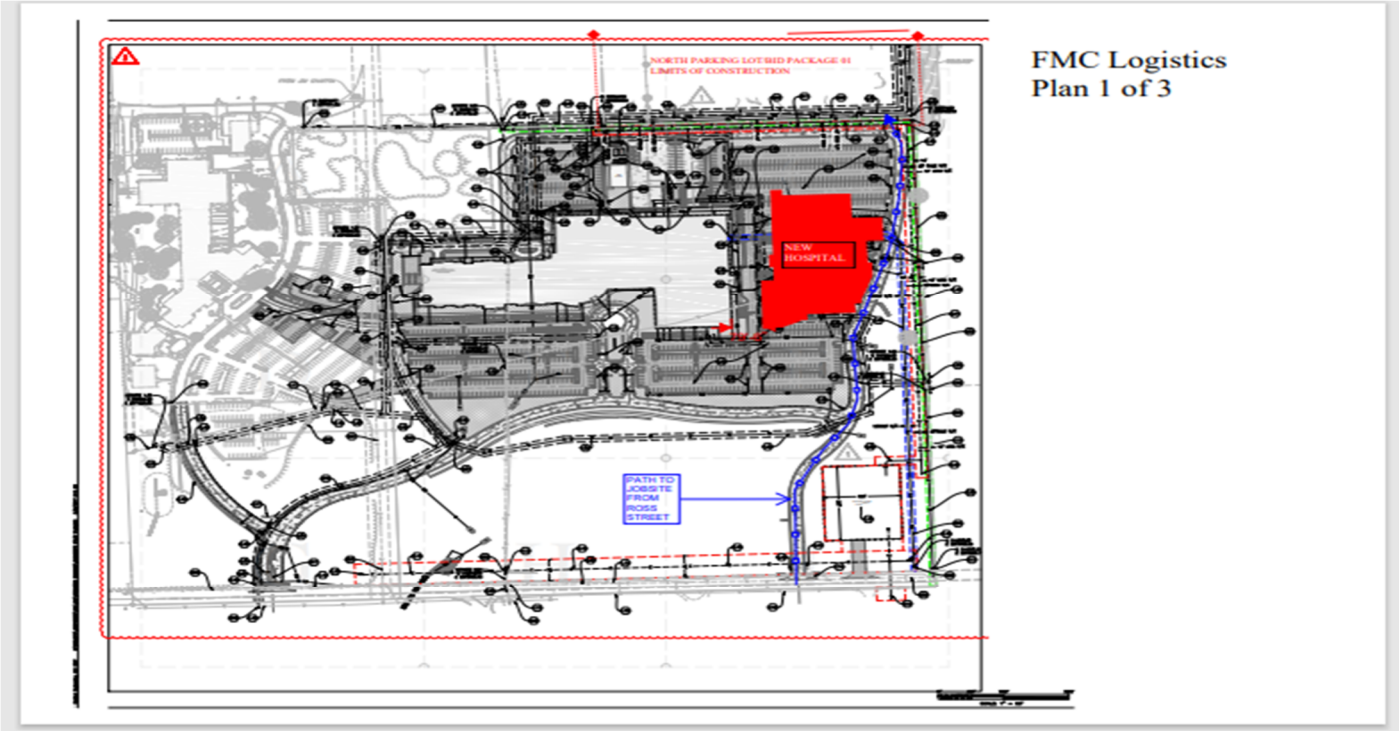
Section 5. Traffic and Delivery Plan:

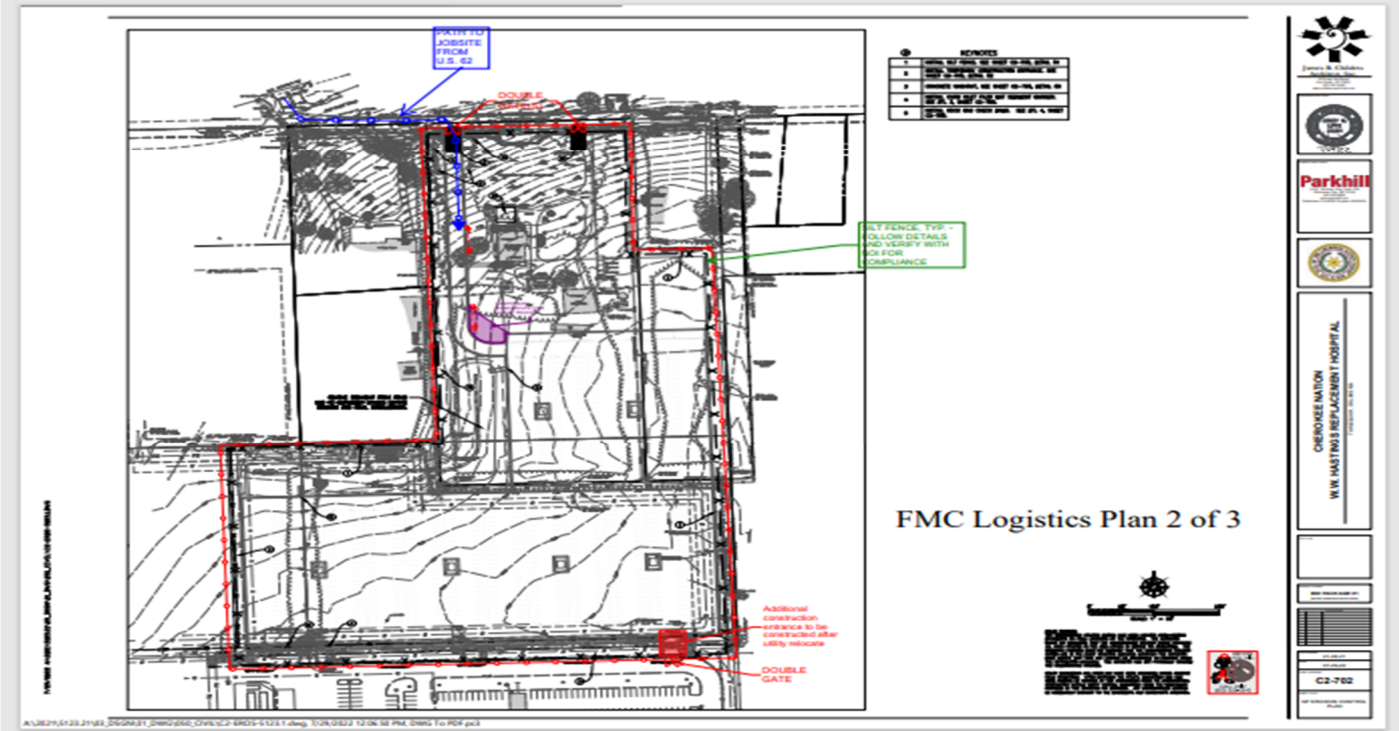
INSERT MAP OF TRAFFIC CONTROL & LABEL DELIVERY GATES



Section 6. Site Logistics:

(Insert aerial photo or drawing of site here to show parking/field offices/storage & lay down areas/entry-exits)





Section 7. Project Safety Plan:

1. Purpose

1.1. Prevention of accidental injury, occupational illness, and property damage and to establish methods whereby all project employees will be actively involved in the safe construction of the project.

1.2. Outline the safety duties and responsibilities of all parties on the project.

1.3. Establish and implement a plan for safety education, training, and monitoring to promote identification and elimination of hazards and unsafe acts.

1.4. Modifies potions of Manhattan corporate safety manual to meet project and site-specific requirements.

1.5. This safety plan is an ongoing process that will update throughout the duration of the project as problems and conditions warrant.

1.6. Any updates to this SSSP will be communicated to all affected sub-tier contractors by email in a timely manner.

2. Basic Principles of the Project Safety Plan

2.1. All trade partners shall insure that their employees, sub-tier trade partners, and suppliers (regardless of tier) understand and agree to comply with their company safety program, the Foreman Manhattan construction company project safety plan, the project documents (including the over OSHA), OSHA standards, and all other federal, state, and local codes and regulations.

2.2. At the pre-construction meeting, all trade partners must provide a site-specific safety program, hazard communication program, and any applicable safety data sheets (GHS) to the project superintendent or project safety manager for review prior to work beginning on-site.

2.3. For emergency purposes, each trade partners shall submit into their SSSP a list of key personnel with home addresses and telephone numbers.

2.4. A letter from the trade partners listing that all their employees have been drug tested in the last 30 days shall be submitted on company letter head prior to commencement of work.

2.5. Each person accessing the project site will complete the Foreman Manhattan construction company safety orientation.

2.6. Each trade partners shall have at least one employee qualified in first aid/CPR treatment whenever the trade partners have employees working on the project. The name and certification of the individual shall be given to the safety manager or project superintendent prior to work beginning on-site.

2.7. Prior to beginning work at the pre-construction meeting, each trade partners shall prepare a job hazard analysis (JHA) that defines the activity to be performed and identifies the sequence of work, the specific hazards, and the methods to be used to eliminate or minimize

each hazard. The JHA will be reviewed by their safety manager, project superintendent, or designated representative then signed by all employees working under the given JHA to acknowledge their understanding of their responsibilities of working safely on the project.

2.8. All trade partners shall provide their employees with the necessary safety equipment, personal protective equipment (PPE), and weather protective gear required for the safe performance of their work and shall enforce the use of the same as a condition of employment. Hard hats, high-visibility clothing, gloves, and safety glasses are required to be worn while inside the construction site (excluding job trailers, connex offices, & vehicles/ closed cab equipment).

2.9. Each trade partners shall have at least one employee that has been trained to a minimum of OSHA 30 and can ensure compliance with OSHA regulations. This employee shall always be on location when their trade partner is conducting work.

2.10. Job hazard analysis shall be completed for each task and submitted via Procore to the appropriate folder as directed by project safety manager or superintendent.

2.11. Communication radios only. No music radios, tape/cd players, headphones (wired or wireless) are permitted.

2.12. Anyone accessing the site shall follow all job-site signage, rules, and regulations. Project rules/signage are located at the entrance and exits, along the fences, at the project message boards, and throughout the project.

3. Responsibility

3.1. Foreman Manhattan Project Manager or Designated Representative shall:

3.1.1. Be responsible, for the administration of the Foreman Manhattan project specific safety program to each trade partner accessing the project.

3.1.2. Assist the project superintendent and/or the safety manager with all matters pertaining to safety when deemed necessary and as required.

3.2. Foreman Manhattan Project Superintendent or Designated Representative shall:

3.2.1. Support compliance with the project safety and HAZCOM programs, the project documents, OSHA standards, and all other federal, state, and local safety codes and regulations.

3.2.2. Assist the safety manager with distributing the safety procedures for the project to all trade partners and post copies in all trailers and offices. These procedures shall be discussed at the project safety meetings and shall be a required subject for a toolbox talk for all project employees.

3.2.3. Along with the safety manager, identify facilities for immediate first aid and/or medical/hospital treatment for all work-related injuries and illnesses of employees.

3.2.4. Regularly inspect the project for safety compliance.

3.2.5. Assist in receiving all safety related correspondence and incident reports. Reports shall be forwarded to the safety manager.

3.2.6. Assist in completion of safety inspections, insuring coverage of the entire project each week.
3.2.7. Notify responsible persons or subcontractor regarding non-compliance with the project safety and HAZCOM Programs, the project documents, OSHA Standards, and all other federal, state, and local safety codes and regulations.
3.2.8. Assist in implementation and support of the safety enforcement policy.
3.2.9. Check with trade partner safety representative or superintendent on disposition of safety related matters.
3.2.10. Render assistance at Foreman Manhattan Construction Team and trade partners toolbox talks.
3.2.11. Along with the safety manager, investigate all incidents/accidents/near misses that occur on the project.
3.2.12. Maintain records of all Foreman Manhattan Construction Team and trade partner safety and toolbox meetings on-site.
3.2.13. Keep a log of first aid treatment administered on-site.

3.3. Safety Manager or Designated Representative shall:

3.3.1. Verify all new employees completed the Foreman Manhattan safety orientation and site-specific orientations.
3.3.2. Perform routine safety inspection of work being performed by all personnel on-site.
3.3.3. Document safety violations issued by following the company's disciplinary action plan.
3.3.4. Assist trade partners completing JHAs if necessary. (Safe 8 JHA)
3.3.5. Perform job training and conduct safety stand downs as required.
3.3.6. Document all OSHA required documentation such as OSHA 300 and or OSHA 300-a.
3.3.7. Assist Foreman Manhattan Construction Team team members on all safety related matters.
3.3.8. Distribute a medical emergency procedure and a fire emergency procedure.
3.3.9. Compile records of all Foreman Manhattan Construction Team and trade partner safety toolbox meeting, JHA's, and safety audits.
3.3.10. Render assistance at Foreman Manhattan crews and sub-tier crew's toolbox talks.
3.3.11. Investigate all near miss, incidents, and property damages to the site and/or personnel. Complete investigations with a completed report submitted into the Procore incident tools.
3.3.12. Assist the project team in the pre-construction meetings with trade partners to cover and communicate safety expectations.
3.3.13. Assist in review of Procore for trade partners comply with completing SAFE 8 JHA's and submitting into the Procore daily report tool.

3.4. Trade Partner Safety Representative(s) shall:

3.4.1. Understands the Foreman Manhattan OVER OSHA requirements.
3.4.2. Ensure that their employees have the proper training to perform their work in a safe manner and, have the ability, to recognize and correct and mitigate hazards.

3.4.3. Be responsible, for accident reporting requirements.
3.4.4. Attend each project safety meeting and toolbox talks.
3.4.5. Chair their weekly company toolbox talks. Arrange for written minutes to be taken and copy these minutes included in the Procore daily report tools.
3.4.6. Report all safety related matters to the project superintendent or safety manager.
3.4.7. Assist the project team with any safety related issues and hazards.
3.4.8. Assist their workers in attending the project site orientation before starting any work.
3.4.9. All trade partners with 25 or more employees on site are required to have a full-time safety representative on site. Trade partners with an employee population of 100 employees working on site shall be required to have at a minimum of two safety representatives on site. Safety representative's resume shall be submitted to project safety manager/superintendents for approval prior to starting or in the event of a personnel change. SAFETY REPRESENTATIVES SOLE PURPOSE IS ATTENTION TO SAFETY AND SHALL HOLD NO OTHER SITE RESPONSIBLITIES.

3.5. All Project Employees shall:

3.5.1. Perform their work in a safe manner for prevention of accidents to themselves, fellow workers, public, and property of all concerned.
3.5.2. Attend their weekly company toolbox talks.
3.5.3. Attend the weekly project site safety meetings.
3.5.4. Alert their supervisor of hazards, unsafe acts, and near misses.
3.5.5. Notify their supervisor and a Foreman Manhattan representative immediately of any incident.
3.5.6. Comply with their company safety and HAZCOM (GHS) programs, the project documents, OSHA standards, and all other federal, state, and local codes and regulations.
3.5.7. When entering the site, every person accessing the site will be required to have their hard hats, safety glasses, reflective vest, and hand protection (gloves). For projects requiring badging, the employee's identification badge shall be in plain sight. All workers must have their badges immediately available or present upon request.
3.5.8. Trade partners shall provide translation services for clear communication whenever necessary.
3.5.9. Attend and participate in their daily SAFE 8 JHA meeting.
3.5.10. All employees shall be subject to fair, consistent, and constructive disciplinary actions for all non-compliance safety related issues. The severity of the violation shall determine the level of disciplinary actions administered.

4. Disciplinary Action

All Project Employees shall be subject to fair, consistent, and constructive disciplinary action for safety non-compliance. The severity of a violation shall determine the level of disciplinary action administered.

4.1. Disciplinary Action Pattern:

The typical pattern is as follows:

4.1.1. Verbal Reprimand: The employee shall be informed verbally of the safety violation committed which, if repeated, could result in further disciplinary action.

4.1.2. Written Reprimand: The employee shall be notified by formal written notice of the safety violation committed and informed that future violations may result in suspension or discharge from work.

4.1.3. Suspension: The employee shall be suspended from working any Foreman Manhattan site for a specified period, for the safety violation committed and shall be informed that future violations may result in permanent removal from the Project.

4.1.4. Termination: As a result of a major safety violation or a pattern of safety violations. The employee shall be barred from all Foreman Manhattan projects.

4.2. Disciplinary Action Guide

GUIDE TO DISCIPLINARY ACTION				
SEVERITY OF INFRACTION	**MINOR**	**SIGNIFICANT**	**SERIOUS**	**FLAGRANT**
EXAMPLES	• Not wearing safety glasses • Not wearing hard hat • Not wearing hearing protection	• Horseplay • Crossing a red barricade	• Not tying off over 6' • Using incomplete scaffold • Endangering another employee	• Knowingly endangering another employee • Fighting • Drinking/Drugs • Harassment
DEFINITIONS	A safety violation that does not immediately expose an employee to serious injury or death.	A safety violation in which the employee exposed self or others in a significant risk of injury.	A safety violation in which an employee exposed self or others to risk serious injury or death.	A safety violation in which an employee has committed an inexcusable unsafe act.
FIRST OFFENSE	VERBAL REPRIMAND	WRITTEN REPRIMAND	SUSPENSION	TERMINATION
SECOND OFFENSE	WRITTEN REPRIMAND	SUSPENSION	TERMINATION	
THIRD OFFENSE	SUSPENSION	TERMINATION		
FOURTH OFFENSE	TERMINATION			

5. Safety Meetings

5.1. Job Wide Safety Meetings

5.1.1. Foreman Manhattan Construction Team holds weekly project-wide safety meeting. All Trade Partner and their workers are required to attend.

5.1.2. The project safety manager and/or a representative shall conduct a weekly safety review concurrent to the weekly coordination meeting. This will focus on a review of any incidents, injuries, or near misses, review safety-related problems, and plan for upcoming work activities.

5.1.3. Regarding the weekly trade partners safety paperwork – pay applications will not be processed if the submission of these weekly safety meetings is not current.

5.2. Trade Partners Weekly Toolbox Talks

5.2.1. Supervisors shall hold weekly toolbox talks. The topics of these talks shall be relevant to the work being performed by the supervisor's crew.

5.2.2. Documentation of the weekly toolbox talk shall be submitted directly into Procore in the appropriate folder and/or daily report associated with the toolbox talk.

5.2.3. The weekly toolbox talk minutes shall contain the following:

- 5.2.3.1. Name of employer and date
- 5.2.3.2. Signatures of all employees in attendance
- 5.2.3.3. Subjects discussed & key talking points relating to the discussed subject.
- 5.2.3.4. Safety comments and suggestions from employees

5.3. Incident Reporting Requirements

5.3.1. Project Employee Injury:

5.3.2. All on-site incidents and "near misses," regardless of severity, including those sustained by trade partner, shall be reported to Foreman Manhattan project superintendent and safety manager immediately (within 30 minutes).

5.3.3. Trade partners shall notify Foreman Manhattan Construction Team of all recordable injuries to any worker. The notification shall describe the circumstances of the incident and any corrective action taken. The written incident report shall be completed and submitted to Foreman Manhattan safety within 8-hours of any injury or incident.

5.3.4. Individuals involved in incidents are subject to drug tested and the results submitted to Foreman Manhattan Construction Team.

5.3.5. Individual trade partners along with the Foreman Manhattan safety manager together shall be responsible for notifying OSHA within eight hours in the event of a fatality. If the injury involves amputation of a body part, loss of an eye, or a single accident in which three (3) or

more employees are hospitalized, the incident must be reported within 24 hours of its occurrence.

5.3.6. A fully completed incident investigation report shall be provided to the project owners representative and the Foreman Manhattan safety committee for review within 48 hours of the incident.

5.3.7. **Trade Partners shall make all reasonable efforts to contact Foreman Manhattan Construction Team prior to notifying OSHA so that the OSHA notification can be coordinated accordingly.**

5.4. Trade Partner Safety Enforcement Policy & Security

5.4.1. Prior to their start of work, all trade partners shall submit the names of their authorized and qualified project safety representatives to Foreman Manhattan Construction Team. All project safety representatives shall be held accountable by their companies for the hazards and unsafe acts committed by their employees and their sub-tier trade partners and suppliers. The project safety representatives shall also be held accountable for employees' and their trades and suppliers' compliance with their company safety and HAZCOM programs, the project site safety plan, the project documents, OSHA regulations, and all other federal, state, and local codes and regulations.

5.4.2. Upon knowledge by Foreman Manhattan Construction Team of a safety hazard or unsafe act, verbal notification will be given to the trade partners' responsible party. If the required correction does not occur immediately or within the period specified, verbal notification will be given to the trade partners' project safety representative. If the trade partner's project safety representative does not ensure correction and continuing safety compliance, Foreman Manhattan Construction Team reserves the right to take whatever action is required, without prejudice to other terms and conditions that may apply, to correct the hazard or unsafe act. This action may include, but is not limited to any of the following:

5.4.3. A stop work order for the specific operation or area of construction until the hazard or unsafe act is corrected.

5.4.4. Correction made by Foreman Manhattan Construction Team or others and back charged to the trade partners.

5.4.5. Written notice to the trade partners project manager and company president.

5.4.6. Replacement of the trade partners project safety representative.

5.5. Visitors

5.5.1. Persons not directly involved with the on-site construction of the project shall not enter the site unless they obtain permission from site management, attend the visitor safety orientation, sign a ***Visitor's Release Form*****,** and obtain and wear the required personal protective equipment (PPE).

5.5.2. No employee shall use a ***Visitor's Release Form*** to gain access to the site to perform work of any kind.

5.5.3. All visitors for trade partners must always be escorted by one of their onsite badged employees.

5.6. Conclusion

5.6.1. All employers are responsible for instructing their employees in the recognition and elimination of hazards and unsafe acts and the regulations applicable to their work.

5.6.2. Safety training, good safety practices, and immediate corrective action are the keys to the prevention of incidents, loss of life, and property damage. No matter how many rules and regulations are set forth, a good safety program depends on everyone's dedication and commitment to maintain a safe work environment.

Section 8. Incident Prevention Plan

The elements of the Incident Prevention Plan address some of the potential hazards associated with the scope of work and provide guidelines to eliminate or minimize those hazards.

1. Applicable Safety Standards

1.1. All work shall be performed in accordance with the safety and health requirements set forth in the Code of Federal Regulations (CFR) Title 29, Part 1926, "Safety and Health Standards for the Construction Industry", and Title 29, Part 1910, "General Industry Safety and Health Standards", as well as the applicable federal, state, and local regulations.

1.2. Copies of the applicable OSHA standards available via **https://www.osha.gov/laws-regs/regulations/standardnumber/1926**

2. Scope of Coverage

2.1. The Incident Prevention Plan shall apply to all parties and their employees while performing work activities on the project.

3. Employee Orientation

3.1. Each employer is responsible for providing training for their employees.

3.2. Each employee shall be provided an initial orientation that will address training and other information that will allow them to perform their work in a safe manner. The orientation shall be based on elements of the incident prevention plan.

3.3. Below is a list of the minimum topics of training. This list is not all inclusive and shall not be considered to identify all hazards associated with construction.

3.4. Employee's responsibility to work safely

3.5. Elements of the incident prevention plan that apply to their work

3.6. Mandatory personal protective equipment (hard hats, safety vests, safety glasses, gloves, body harnesses, etc.)
3.7. Procedure for reporting Incidents/injuries/near misses.
3.8. Hazard Communication Program
3.9. Rules and regulations for operating motor vehicles
3.10. Mandatory attendance at safety meetings
3.11. How and when to use fire protection equipment (fire extinguishers)
3.12. How to properly use and work off a ladder
3.13. Scaffold Safety (if applicable)
3.14. Hazard recognition training.
3.15. Discuss the site-specific crisis management plan and duties of all individuals.
3.16. ALL trade partners employees shall attend the jobsite orientation prior to being permitted to work on the project. Site orientation will be through Manhattan.hammertechonline.com.
3.17. All workers onsite shall access the Hammertech software, build an employee profile, and input all information to access the orientation video. Once complete Foreman Manhattan supervisor will review the profile and approve access to the project and provide site specific orientation. Orientation is good for all projects for a time of 12 months from date of test.

4. Hazard Communications Programs (GHS)

4.1. **Foreman Manhattan Construction Team**
4.2. By reference of the Foreman Manhattan Construction Team hazard communication program, it is hereby incorporated in its entirety in the Incident Prevention Plan.
4.3. A copy of the OSHA Hazard Communication Standard 1926.59, the hazard communication program, hazardous chemical inventory list, and all safety data sheets (SDS) shall be in the project field office.
4.4. **Trade Partners**
4.5. Each trade partner/supplier and lower tier trade partners must submit to Foreman Manhattan construction company a written hazard communication program as outlined in the occupational safety and health (OSHA) code of federal regulations 1926.59. All hazard communication programs submitted to Foreman Manhattan construction Team must have the following elements and be divided accordingly:
4.6. A written Haz-com program.
4.7. Provisions for employee training. Employers need to be able to provide documentation that their employees have been trained in all aspects of Haz-com.
4.8. An alphabetical chemical inventory list of the hazardous materials that the trade partners will be bringing onto the project.

4.9. Copies of safety data sheets (SDS) for the hazardous materials that the trade partners will be bringing onto the project.

Whenever new products are brought on-site by the Trade Partner, the Trade Partners Safety Manager will be responsible for bringing the Trade Partners program up to date.

The information requested above must be submitted in book format with the company name, the name of a contact person (Safety Manager) familiar with the Haz-Com program, and applicable telephone numbers, listed on the front cover.

5. Working in Confined Spaces

5.1. When it becomes necessary to enter and conduct work activities in a confined space, a confined space entry program shall be enforced in accordance with OSHA Subpart AA 1926.1200.

5.2. Employees entering a permit required confined space shall comply with 1926.1204 – 1206 and 1926.1208-1211.

5.3. All employees must always follow Foreman Manhattan's confined space policy and permit. NO EXCEPTIONS!

5.4. Trade partners are responsible for providing all atmospheric monitoring, rescue, and necessary equipment to enter a confined space.

5.5. All workers involved in confined space operations shall have training before beginning work operations.

5.6. Before beginning work operations in a confined space, a safety standdown will be held for everyone involved in the scope of work to discuss work operations, specific SAFE 8 JHA's, emergency rescue, and PPE requirements.

5.7. A stop work order will be issued when conditions in the confined space change. No work is to commence until conditions have been communicated and modifications are made to safely continue work operations.

5.8. **Regardless of OSHA designation, Foreman Manhattan requires a "Foreman Manhattan Confined Space Entry Permit" to be completed and filed in the daily report tool on Procore once all work is done.**

6. Excavations

6.1. Maintenance of essential utilities: Special attention shall be given to preventing unscheduled interruption of utility services and facilities during excavation(s). Where required due to construction purposes, the trade partner shall locate all their underground utilities. When an underground cable or utility is damaged due to the trade partner's negligence, the trade partner shall immediately repair the affected cable or utility at their expense. Full coordination between city officials, field inspectors, and construction personnel will be exercised to ensure that all underground utilities are fully protected prior to any excavation.

Locations of cabling and other underground utilities will be marked prior to beginning excavation.

6.2. Trade partners shall request a locate permit from 811 before starting any excavation operations. The trade partner is responsible for maintaining an open 811 permit during all excavation of their scope (renew every 14 days).

6.3. Means of egress from excavations/trenches such as a stairway, ladder, ramp, or other safe means of egress, shall be in excavations/trenches that are 4 feet or more in depth to require no more than 25 feet of lateral travel for employees.

6.4. No employee shall be permitted underneath loads handled by lifting or digging equipment. Employees shall be required to stand away from any vehicle being loaded or unloaded to avoid being struck by a spillage or falling materials.

6.5. Flaggers or spotters are required when vehicle and equipment traffic is near excavations with workers.

6.6. Adequate protection shall be provided to protect employees from loose rock or soil that could pose a hazard by falling or rolling from an excavation face. Such protection shall consist of scaling to remove loose material. All excavation sloping shall comply with OSHA 1926 subpart 'P'.

6.7. Daily inspections of excavations, the adjacent areas, and protective systems shall be performed by supervision for evidence of a situation that could result in possible cave-ins, indications of failure of protective systems, hazardous atmospheres, or other hazardous conditions. Use the daily excavation inspection report to document this process.

6.8. Inspections shall also be performed after every rainstorm or other hazard-increasing occurrence.

6.9. Inspections shall be conducted prior to the start of work and as needed throughout the shift.

6.10. Each trade partner requiring employees to work in excavations shall provide a competent person as defined by OSHA in 29 CFR, part 1926 subpart p, "excavations". The competent person must be familiar with the requirements of subpart p and shall determine the type of protective system to be utilized and shall perform written daily inspections of the excavation which may be noted on the excavation permit. Excavation permit required for all excavation activities (e.g., pier drilling, underground utilities, grade beam excavation, etc.)

6.11. Each trade partner shall complete an excavation permit before starting any excavation operations. Permits must be closed out daily and uploaded into Procore under the daily report tool.

6.12. Excavations 5' in depth shall be protected by shield systems, sloped, or benched. Excavations 20' in depth or greater shall be engineered by a licensed professional Engineer with the state.

6.13. Spoil piles shall be placed at a minimum of 2' or greater if deemed necessary by competent person or project supervision.

6.14. 100% fall protection is required when working adjacent to excavations greater than 6' in depth.

6.15. For all excavations 4’ in depth and greater, where hazardous material may exist, the atmosphere shall be tested. Examples include landfills, underground fuel storage areas, etc.

6.16. Excavation permit forms are available from the project safety manager or in Procore under the forms tool. Excavation permits may be authorized by the Foreman Manhattan safety manager or by a Foreman Manhattan superintendent.

6.17. Trade Partner shall provide a detailed JHA describing the excavation activity to be performed and the protective measures that will be employed during the work. This will be in addition to a properly executed excavation permit.

7. Temporary Power / Electrical

7.1. All temporary power and electrical standards shall be in accordance **with NEC, CFR 29,** and OSHA 1926 Subpart K.

7.2. Ground fault protection shall be installed at the power outlet for all trades using electrical hand tools.

7.3. All branch circuits supplying 120 volts single phase to 15- and 20-amp receptacles shall be protected with Ground Fault Circuit Interrupters. (GFCI)

7.4. Portable lights and electrical cords shall not be used in wet conductive areas.

7.5. Employees shall inspect the cords to electric power tools and extension cords prior to each use and shall remove from service any cords found to be defective. Electrical extension cords will be 10-12 gauge, 3 prongs with ground prong in place, damage free, with trade partners name on each cord, GFCI and tool for identification. All cords will be protected from equipment crossing over it. Any damaged electrical tool or cord must be removed from service and cannot be repaired by using electrical tape. Foreman Manhattan will remove all damaged electrical tools or cords from the project.

7.6. All live parts (hot) of electrical equipment must be guarded against accidental contact.

7.7. All portable electric generators shall be equipped with ground fault protection (GFCI).

7.8. Temporary lighting compliant with OSHA regulations are required for all areas of construction on the project.

7.9. Access temporary lighting will be provided and maintained by the onsite electrical trade partner.

7.10. All task lighting for scope of work and inspection purposes will be provided by each trade partner responsible for that scope of work.

7.11. No trade partner (other than the electrical trade partner) is permitted to modify, repair, or move any electrical power or temporary lighting on the project.

7.12. Temporary lighting is NOT a source of power for tools or equipment and shall not be used by the trade partners as a power supply.

7.13. All temporary power or permanent power boxes, switches, outlets, etc. that have exposed wires must be covered with either temporary cover plates are finished product cover plates to always be protected from electrical shocks.

7.14. **Lockout/tagout operations:**

7.15. No employee shall work on any electrical, hydraulic, steam, or other pressurized systems or equipment until it has been secured from operations and all stored energy has been released. No working on live/energized (HOT) equipment for any reason without additional project superintendent and project safety manager authorization. All hot work operations will be communicated to the division operations manager before beginning operations.

7.16. Electrical equipment or circuits that are de-energized shall be rendered inoperative and shall have tags attached at all points where such equipment or circuits can be energized. Tags shall be placed to identify the equipment or circuits being worked on by both the company completing the work and the project safety manager.

7.17. A one lock one key system will be utilized. No master locks with multiple keys allowed. The lock must maintain a tag identifying the person who applied the lock with their contact information.

7.18. While working on electrical systems employees must use the required PPE and safety guards before starting work.

8. Fall Protection

8.1. All employees working on the project are required to have 100% fall protection when working above 6'. Failure to have adequate fall protection when working over 6' will result in immediate removal from site. This 100% fall protection policy extends beyond OSHA regulations to include structural steel ironworkers and scaffold builders.

8.2. Foreman Manhattan ladder policy is 1 x 1 ½ (i.e., a 6' ladder, must be 9' from the leading edge, hazardous fall, or guardrail system.) If the ladder's footprint falls within the 1½ distance, 100% fall protection is required.

8.3. Baker scaffold systems with guardrail protection are acceptable in the case of not having a suitable anchor point for PFAS.

8.4. Foreman Manhattan or trade partner personnel wanting to establish a CAZ or controlled access zone, must review their plan for doing so with a Foreman Manhattan safety manager prior to establishing a CAZ system on the project. Foreman Manhattan must be notified in advance of any work task that necessitates the establishment of a controlled access zone so that coordination with and impact on other construction activities can be evaluated.

8.5. Employees shall be protected from the hazards of falling in accordance with OSHA regulations. Standard guardrails, lifelines, floor covers, and personal protective equipment shall be used to meet this requirement.

8.6. Personal fall protective equipment such as safety harnesses, lanyards, lifelines, etc. shall be inspected by the wearer before each use.

8.7. Horizontal lifelines shall be designed by a professional engineer. Stamped drawings shall be submitted to Foreman Manhattan Construction Team prior to employees using the line for fall protection.

8.8. Holes greater than 2” in diameter shall be covered and secured, with an orange x, or marked hole cover in English and Spanish. Floor and roof hole-covers will be installed and maintained by the trade partner creating the hole and/or the end user. The covers must be of adequate strength to support potential loads, secured against displacement or lifting.

8.9. If a hole cover will not suffice, guardrails shall be fabricated on site. All guardrails shall meet or exceed OSHA 1926.500 and all other applicable standards.

8.10. Trade partner shall direct its employees to comply with and maintain the guardrails, hole-covers and other fall protection systems installed on site.

8.11. Trade partner employees shall not remove or by-pass any of the fall protection devices unless they have notified Foreman Manhattan and alternative fall protection provisions have been agreed upon and implemented. Trade partner is to notify Foreman Manhattan of defects or deficiencies of protection systems before starting to work in an area to avoid being held responsible for corrective actions taken by Foreman Manhattan.

8.12. Guardrail systems will not be designed or permitted as attachment points for personal fall arrest or positioning device systems. Personal fall arrest systems (PFAS) must always allow for 100% tie-off therefore where lanyards are used a double-lanyard system must be used for personnel transfers from tie-off points. Horizontal lifelines shall be designed by an engineer and installed under the supervision of qualified person. A safety factor of two shall be maintained.

8.13. Guardrail system requirements & Material:

8.14. Top rail – 42” – 2X4 (stress grade) lumber or 3/8” steel cables

8.15. Mid-Rail – 21” – 2X4 (stress grade) lumber or 3/8” steel cables

8.16. Toe board – 3 ½” – 1X4 (stress grade) lumber.

8.17. A Guardrail Removal Permit must be completed and signed off by the project superintendent or site safety manager before removal of any temporary guardrail systems.

8.18. All exposed rebar must be covered or properly protected from creating an impalement hazard. (i.e., metal plated rebar caps)

8.19. All impalement hazards shall be protected from harming personnel.

8.20. The subcontractor responsible for installing the impalement protection is responsible for maintaining that protection during work operations.

9. PPE (Personal Protective Equipment)

9.1. The following PPE (Personal Protective Equipment) shall always be used**:**

9.2. Safety Vest or Florescent Hi-Vis T-Shirt

9.3. Hard Hats (No cowboy style hard hats)

9.4. ANSI standard Safety glasses – clear if working inside

9.5. Gloves (Hand Protection) - Foreman Manhattan maintains a 100% hand protection policy.

9.6. Hearing protection when required

9.7. Long Pants (blue jean style)

9.8. Shirts with 4” sleeves
9.9. Leather work boots (No work shoes that look like tennis shoes will be permitted). Steel toe are recommended but not required for work boots.

10. Fire Protection / Hot Work / Welding / Metal Work

10.1. Fire extinguishers of the ABC type will be provided in the quantity and size required by CFR 29 1926.150. Trade partners shall be responsible for providing fire protection for specific tasks as necessary including, but not limited to cutting, welding, soldering, and roofing operations, as well as flammable/combustible material storage areas.
10.2. All employees shall be instructed by their employer in the proper use of fire protection equipment. Documentation of such training shall be maintained by each trade partner.
10.3. Fire extinguishers will be provided by trade partners during hot work.
10.4. OSHA subpart J welding and cutting is applicable during such operations.
10.5. Welders must wear head and eye protection that is required in the area that they are working. They must wear appropriate welding helmets, long sleeve shirts, leathers, and welding gloves. If grinding, chipping, or buffing is done, a face shield must be worn.
10.6. A hot work permit must be issued prior to the start of any welding, burning, grinding, or any other form of hot work activity. Hot work permits apply to specific work activities and specific work locations – when activities and/or locations change, a new permit is required.
10.7. When the welding, cutting, or heating operation is such that normal fire prevention precautions are not sufficient, trade partners shall provide an employee whose sole responsibility is fire watch at work area and all areas below. Such personnel shall be instructed as to the specific anticipated fire hazards and how the firefighting equipment provided is to be used. When welding, cutting, or heating is performed on walls, floors, and ceilings, since direct penetration of sparks or heat transfer may introduce a fire hazard to an adjacent area, the same precautions shall be taken on the opposite side as are taken on the side on which the welding is being performed. Fire watch to stay in place for 30 minutes after hot work has stopped.
10.8. Always check to see that you have appropriate fire protection equipment immediately available before doing any welding or cutting.
10.9. When use of an acetylene torch proper goggles meeting a minimum OSHA requirement must be worn.
10.10. Trade partners shall provide means of catching sparks and slag when cutting or welding. Portable, hand-operated 20# ABC fire extinguishers shall always be present. Trade partners shall provide a 30-minute fire watch both during and after all burning or welding operations.
10.11. All torches shall be of the type with built in anti-reverse flow valves (flashback arrestors).

10.12. Welding leads shall be free from repair or splices within 10' from the cable end to which the electrode holder is connected, shall be used for welding operations.
10.13. All welding/cutting equipment must be labeled with the company's name.
10.14. All welding operations at ground level must have welding screens to protect surrounding workers from arch flash.

11. Flammable and Combustible Liquids and Gases

11.1. All flammable/combustible liquids shall be stored and handled in accordance with CFR 29, 1926.152.
11.2. Fuel shall be stored in approved metal safety cans that are equipped with a flash arresting screen and spring-closing lid. Metal safety cans shall be the correct color and labeled with the contents and name of the trade partners.
11.3. No plastic gas or fuel type containers will be allowed onsite.
11.4. Fire extinguishing equipment shall be available where flammable/combustible liquids are stored.
11.5. No more than 25 gallons of flammable or combustible liquids shall be stored outside an approved storage cabinet. Flammable storage containers shall not exceed 60 gallons per container, and not more than 1,100 gallons in one area. Fuel storage tanks will not be brought on site without approval by a Foreman Manhattan.
11.6. Fuel or compressed gas cylinders shall be stored per OSHA 1926.350. Storage of LPG gas inside the building is strictly prohibited.
11.7. Fuel storage containers must have a containment dike, berm, or metal pan capable of retaining the fuel to prevent spillage, with signage and fire extinguisher in area of stored flammable or combustible liquids.
11.8. A 20 lb. ABC rated fire extinguisher must be placed no further than 75 feet but no closer than 25 feet from the fuel storage tanks.
11.9. The fuel storage tank must be grounded using electrical grounding rod to prevent static shocks.
11.10. Warning signs shall be placed at the fuel storage area, Danger No Smoking or Open Flames, Flammable Liquid, No Smoking.
11.11. Foreman Manhattan shall be notified in the event of a fuel or chemical spill.
11.12. Compressed oxygen plus oil is explosive. No oil or grease of any kind may encounter valves, regulator or any other portion of the cylinder or apparatus.
11.13. When shipping empty oxygen cylinders to distributors, lower portion of the green tag attached to cylinder shall be removed at the perforated line. Any green sticker label found pasted to the cylinder shall be removed. Bill of lading shall specify that the cylinders are empty and serial numbers of the cylinders shall be noted thereon.
11.14. Compressed gas cylinders, except those in actual use or required for the day's supply, shall be stored in a place designated by Foreman Manhattan project team.
11.15. Cylinders shall be stored in a vertical position with caps in place.

11.16. All fuel containers and gas cylinders must be labeled with each trade partners company name.
11.17. Cylinders of oxygen shall never be stored in the same room used for the storage of calcium carbide, cylinders of dissolved acetylene or other fuel gases, or with acetylene generators. The stored oxygen cylinders shall be at least 20 feet from acetylene cylinders or separated by at least a one-half hour burn time, 5-foot-high barrier.
11.18. Open flames of any description shall not be employed in any building used for the storage of oxygen cylinders.
11.19. If cylinders are stored on the ground or open platforms, such locations shall not be adjacent to points where there is a large amount of combustible material.
11.20. When cylinders of acetylene are not in use, outlet valves shall be kept tightly closed and valve caps replaced, even though cylinders may be considered empty.
11.21. Cylinders shall be stored in a safe, dry, well-ventilated place where they will not be unduly exposed to the heat of the stoves, radiators, furnaces, or the direct rays of the sun.
11.22. Cylinders of dissolved acetylene shall always be stored standing upright with valve end up and capped.
11.23. When shipping empty acetylene cylinders and other fuel gas cylinders to manufacturers, lower portion of red shipping tag attached to cylinders shall be removed at the perforated line. Any red sticker label found pasted to a cylinder wall also shall be removed. Bill of lading shall specify that the cylinders are empty, enumerating the type and individual numbers of such cylinders.
11.24. Under no circumstances shall an attempt be made to transfer acetylene from one cylinder to another or to compress acetylene into a cylinder.
11.25. When transporting, moving, and storing compressed gas cylinders valve protection caps shall be in place and secured.
11.26. When oxygen and acetylene cylinders are hoisted, they shall be secured on a cradle, sling board or pallet. They shall not be hoisted or transported by means of magnets or choker slings. They shall not be used as a weight for crane cables.
11.27. Cylinders shall always be secured in an upright position. Oxygen and acetylene cylinders not in use shall be separated by 20’ or a 1/2-hour fire rated wall. Gauges shall be removed at the end of each work shift and properly stored.
11.28. Cylinders shall be handled carefully, never dropped, and shall be placed so they will not fall or be struck by other objects.
11.29. Partially used cylinders shall be closed at the valves.
11.30. When exhausted, cylinders shall be returned as rapidly as practicable to the storage building or place, and from there to the manufacturer. Empty cylinders shall be marked “Empty” and stored apart from full cylinders to prevent confusion. Valves shall be closed, and valve protection caps replaced.
11.31. Fuel and oxygen hoses, including couplings, shall be inspected frequently to insure they are not frayed or otherwise damaged.

11.32. Storage of compressed gas hoses shall only be in a ventilated gang-box.
11.33. All Federal, State, and Local requirements and regulations shall be followed at all-time including any additional rules set by Owner and/or Foreman Manhattan Construction Team.

12. First Aid

12.1. Each trade partner shall have at least one (1) certified first aid/CPR trained employees on site when working on this project. Each trade partner shall maintain a suitable first aid kit for use by its employees. Each trade partner is required to have an adequate first aid supply kit suitable for personnel working on site.
12.2. All first aid treatments must be reported to the project superintendent and project safety manager and documented on the employees SAFE 8 JHA.
12.3. Trade partners must turn in a completed incident investigation report to Foreman Manhattan within 8 hours of all injuries.
12.4. Foreman Manhattan will notify the owners representative communicating all incidents onsite.

13. Medical Emergency

13.1. Employees suffering non-life-threatening injuries shall be transported to medical facilities by their employer.
13.2. For all life-threatening injuries or illnesses, the employer shall immediately call for medical assistance by dialing 911. After dialing 911, call the Foreman Manhattan superintendent and Foreman Manhattan safety manager.
13.3. Other emergency telephone numbers shall be posted at each trade partners project field office and in the Foreman Manhattan Construction Team project field office.
13.4. A written Incident Investigation report shall be submitted to the project superintendent and project safety manager within 8-hours of any injury or incident.
13.5. Foreman Manhattan Tulsa uses (name of occupational clinic – number – address) all employee non-life-threatening incidents. As a backup medical facility Foreman Manhattan employees can access the nearest (secondary clinic) for treatment in the event (first clinic) is closed.

14. Hand and Power Tools

14.1. Each employer is responsible for the condition of the tools their employees use. Employees must be instructed in the hazards and limitations associated with the tools they use. Hand and power tools must be inspected prior to each use and removed from service when found to be defective.
14.2. Hand and power tools shall be used, inspected, and maintained in accordance with the manufacturer's instructions and shall be used only for the purpose for which they were designed.

14.3. Power tools designed to accommodate guards shall be equipped with the guards when in use.
14.4. Employees shall be trained on the proper use of the hand or power tool by a competent person, including having the knowledge to inspect the hand or power tool before operating the tool.
14.5. Excess flow safety valves are required on all air compressor outlets except for blowpipe cleaning operations that cannot be done with the valve in use. A handle, designed to stop the flow when released, shall be installed on all blowpipes. Pneumatic power tools shall be secured to the hose by a positive means to prevent an accidental disconnect. “Whip check” devices and tie wires are recommended. Metatarsal foot guards must be worn while using pneumatic tools like rivet busters and while operating all handheld earth compacting equipment.
14.6. All fuel-powered tools shall be stopped when being re-fueled, serviced, or maintained. A fire extinguisher is required to be in the immediate area when refueling.
14.7. Each employee operating a powder-actuated tool shall have, in their possession, proof that they have been trained by the manufacturer, vendor or supplier. Loaded tools shall never be left unattended. Unused or unspent fasteners shall not litter a deck or be left unattended. All used load strips must be placed in a bucket of water to prevent any unspent loads from being discharged.
14.8. The Trade Partner is responsible for the safe condition and maintenance of all tools and equipment to be used.
14.9. Procedures (Include but not limited to):
14.10. Know the application, limitation, and potential hazards of the tool used.
14.11. Select the proper tool for the job.
14.12. Remove adjusting keys and wrenches before turning on tools.
14.13. Do not use tools with frayed cords or loose or broken switches.
14.14. Keep guards in place and in working order.
14.15. Have ground prongs in place or use tools marked "double-insulated."
14.16. Maintain working areas free of clutter.
14.17. Keep alert to potential hazards in the working environment such as damp locations or the presence of highly combustible materials.
14.18. Dress properly to prevent loose clothing from getting caught in moving parts.
14.19. Use safety glasses, dust, or face shields, or other protective clothing and equipment when necessary.
14.20. Hammers with broken or cracked handles, chisels and punches with mushroomed heads, wrenches with sprung jaws, or bent or broken wrenches should not be used.
14.21. Portable circular saws must be equipped with guards above and below the base plate or shoe. The lower guard must retract when the blade is in use and automatically return to the guarding position when the tool is withdrawn from the work.

14.22. All hand-held portable electrical equipment must have its frame grounded or be double insulated and identified as such tool.
14.23. All power tools shall be unplugged and de-energized before repairing or replacing blades, belts, etc.
14.24. All magazine fed or powder actuated tools shall reference the section entitled “Powder Actuated Fastening Tools.”

15.Scaffolds

15.1. Scaffolds shall be erected, modified, and dismantled ONLY under the direction of a Competent Person and shall follow the OSHA regulations outlined in CFR 29 1926.451.
15.2. Standard guardrail systems including top rail, mid-rail, and toe-board shall be installed on all scaffolds in accordance with OSHA regulations. Scaffold platforms that employees are working from shall be completely decked over for the entire width of the scaffold.
15.3. If scaffold configurations or physical obstructions make it impossible to install standard guardrail system, employers shall supply personal fall arrest system or other means of fall protection.
15.4. Employees shall not be allowed to pass beneath scaffolds where work is being performed overhead unless appropriate measures have been taken to protect employees from falling material.
15.5. Employees erecting, dismantling, or working from scaffolding, at all heights above 6’, must maintain Foreman Manhattan’s 100% fall protection policy where feasible. Foreman Manhattan superintendent or Foreman Manhattan safety manager shall be consulted if there is any question as to the feasibility of tie off during erection and dismantling of platforms.
15.6. Upon completion, scaffolds shall be properly inspected and tagged for use in accordance with OSHA. Green tags, yellow tags, or red tags are required on all scaffolds.
15.7. Daily, pre-shift inspection checklists shall be maintained by controlling party.
15.8. Scaffolds that are incomplete, being modified, dismantled or that are damaged shall be barricaded off and red tagged incomplete.
15.9. All red tagged scaffold shall not be used for any reason.
15.10. Scaffolds without tags shall be considered red tagged and not for use.
15.11. A horizontal, diagonal brace shall be in place to prevent the scaffold from “wracking.”
15.12. Cross bracing may be used as part of guardrail system i.e., top, or mid rail but cannot be used as both.
15.13. All overhead work shall be confined to an area clearly marked by red barricade tape at the closest working surface below the overhead work activity.
15.14. Manually propelled mobile scaffolds shall be used in accordance with manufactures recommendations.

15.15. Employees shall not be allowed to ride mobile scaffolds, they must climb down before moving the equipment, and all 4 casters shall be in the locked position before accessing the equipment.
15.16. Mobile Scaffold systems shall have mid and top rail at working heights of 6’ or greater.
15.17. “Baker” Scaffolds shall be used in accordance with the manufacture’s recommendations.

16.Ladders

16.1. Ladders shall be used in accordance with the requirements of CFR 29, Part 1926.1053.
16.2. Employees required to use ladders shall be trained in accordance with CFR 29, Part 1926.1060.
16.3. Ladders used to access elevated work areas shall extend at least 36" above the landing and shall be secured to prevent displacement.
16.4. Employees using ladders for access to elevated work areas shall not carry tools and/or materials when climbing up or down a ladder. Three points of contact shall always be maintained while climbing ladders.
16.5. Employees shall not stand above the top two rungs of step ladders or where designated by warning and danger decals.
16.6. Employees shall be tied off 100% of the time when working on extension ladders. If the work area cannot be accessed by other means (e.g., Scissor lift, boom lift, portable scaffold). If tie-off on the ladder appears unfeasible, Foreman Manhattan superintendent or Foreman Manhattan safety manager must be consulted prior to beginning the task.
16.7. Employees shall be tied-off 100% of the time when working closer than one and one half (1-1/2) times the ladder height to an opening or the leading edge of the building. (E.g., an employee using a ten (10) foot stepladder must tie-off when (15’) or less from the edge of an opening or the edge of the building.
16.8. Step or portable A-frame ladders will be on a level secured surface, with spreader bars fully open and in the locked position. No folded ladders may be used as an extension ladder.
16.9. All ladders shall be damage free, with a legible label, and inspected prior to usage.
16.10. No aluminum or metal type ladders allowed on the project.
16.11. All job-built ladders will be erected and anchored in accordance with ANSI Standards (ANSI 14.4 for job-built ladders). Trade partners personnel shall not move or alter job-built ladders used for the purpose of accessing work areas, without prior approval from the project superintendent. All job-built ladders will be accompanied by a rope for lifting material.

17. Lockout/Tagout

17.1. No employee shall work on any electrical, hydraulic, steam, or other pressurized system/equipment until the system/equipment is secured from operating and all stored energy has been released.

17.2. Electrical equipment or circuits that are being worked on shall be de-energized and rendered inoperative. Equipment or circuits shall have tags attached at all points where the equipment or circuits can be energized. Tags shall also be placed to identify the equipment or circuits being worked on.

17.3. A one lock / one key system shall be used for lockout/tagout. No master locks or locks with multiple keys are allowed to be used. The lock must maintain a tag identifying the person, company, and contact information of the worker that installed the lock.

17.4. Each employee working on equipment that was lockout/tagout must place their own lock on the system. If multiple locks/employees are required a hasp, lock box, or other similar means shall be utilized.

17.5. At no time will someone be allowed to remove another employee's lock unless it has been cleared through Foreman Manhattan safety manager and superintendent.

18. Respirator Program

18.1. Employers who allow or require their employees to wear respirators shall have a written respirator program in accordance with CFR Title 29, Part 1910.134.

18.2. Employees allowed or required to use respirators shall be trained in the proper selection, maintenance, and limitations of respirators. Each employee will have a medical evaluation, and shall be fit tested and trained to use, inspect, care for, and maintain the respirator before using a negative pressure respirator. Training and maintenance records shall be readily available upon request.

18.3. Elective use of simple disposable filtering face piece masks for protection from dust would be exempt from the respiratory program requirements.

19. Sanitation

19.1. Potable (drinking) Water:

19.2. Employees shall be provided with an adequate supply of potable water

19.3. Containers and Single Use cups for potable water are prohibited. Employees may bring their own personal pre-filled water containers for personal use only (no sharing).

19.4. All trade partners are responsible for providing their workforce with an adequate amount of bottled water.

19.5. toilet facilities:

19.6. Toilet facilities shall be provided and maintained in accordance with OSHA regulations at a minimum but will normally exceed the requirements found below.

19.7. 1 toilet seat and 1 urinal for every 40 employees onsite.

19.8. A minimum of 1 toilet will be provided for women working onsite.
19.9. A minimum of 1 handwash station will be provided.
19.10. All toilet facilities shall be maintained in good, clean, and sanitary working condition.

20.Cranes and Rigging

20.1. Each trade partners using a crane shall identify, in writing, their competent person and certified crane operator who will be responsible for the proper set-up and operation of the crane. A copy of this document shall always be kept in the crane.
20.2. Load Moment Indicators (LMI's) and Anti Two-Blocking Systems are required on any crane performing work on Foreman Manhattan Construction Team Projects, no matter the length of time the crane will be on the project or the material the crane will be lifting.
20.3. Rigging inspections shall be performed in accordance with CFR Title 29, Part 1926.1400.
20.4. Rigging equipment shall be inspected before each day's use by the competent person and before each lift by the qualified rigger that is rigging the load.
20.5. All rigging must have required identification information or tags attached. All untagged or unidentifiable rigging will not be allowed on site.
20.6. ONLY crane operators certified through a nationally accredited crane operators testing organization will be allowed to operate a crane on site (i.e., NCCO, CCO, NCCER, CIC, etc.). If trade partners provide in-house crane operators certifications, they must follow all required OSHA regulations and submit the required documentation to the project team before operating any crane on site.
20.7. Signal Persons must be qualified and in compliance with 1926.1428(c) regulatory standards.
20.8. The crane operator shall complete and document a daily, weekly, and monthly crane inspection while the crane is in operation on site.
20.9. Before a crane can operate on site, the trade partner must submit the following items to have on file for review.
    20.9.1. A copy of the latest annual crane inspection report (must be completed by third party vendor, no in-house annual inspections). All inspections shall comply with OSHA and ANSI B30.5 standards and reviewed by the safety manager and project superintendent.
    20.9.2. A copy of the third-party crane inspection. This inspection is required only for cranes assembled or reconfigured on site (other than swinging the jib in place on hydro cranes). All inspections shall comply with OSHA and ANSI B30.5 standards and reviewed by the safety manager and project superintendent.
    20.9.3. A copy of the load chart to be used by the operator.

20.9.4. A copy of the operator's manual (shall always be present in the cab of the crane).
20.9.5. The manufactures recommended wind speed reductions during high wind operations.
20.9.6. A copy of the crane operator's certification, health physical card, and driver's license.
20.10. All job site crane activities shall be coordinated with the job site superintendent.
20.11. A critical lift operation is defined as any of the following:
20.11.1. Any lift that exceeds 75% of the rated load capacity of the crane.
20.11.2. Any lift operations that will not allow full extension or complete set up of the outriggers.
20.11.3. Any lift considered "on rubber".
20.11.4. The use of personnel baskets per OSHA.
20.11.5. Any lift requiring more than one crane at a time.
20.11.6. Any lift where minimum power line clearance cannot be maintained.
20.11.7. Any lift that requires swinging over an occupied space.
20.11.8. Any lift where the base/footing is questionable.
20.11.9. Any lift justifying special planning due to cost, or potential to cause major delays to project schedule if damaged.
20.11.10. No pick and carry operations permitted on the project.
20.12. If a critical lift operation is required, the following information must be completed:
20.13. A documented, pre-lift meeting shall be held in the field with the crew (Foreman Manhattan superintendent, Foreman Manhattan safety, trade partner supervisor, the crane operator, the rigger, the signal person, and any other person involved in the lift operation) to discuss, at a minimum, the following:
20.14. Calculation of gross weight load
20.15. Load chart calculations
20.16. Radius measurements anticipated during the lift.
20.17. Weather and soil conditions
20.18. Overhead high voltage power line clearances
20.19. Cranes shall not be allowed to operate within 20 feet of power lines. More distance is required on high voltage lines. (Reference OSHA 1926.1400 and ANSI B30.5 regulations)
20.20. All employees shall be kept clear of loads about to be lifted and out of suspended loads.
20.21. Each trade partner is responsible for having a competent signalman (as defined by OSHA) before any lifting operations begin. The competent Signalman will ensure that a signal is given for all lifts, and to keep other trade partner personnel out of the critical lift area. Designation of that flagger is at the discretion of the tower crane operator and Foreman Manhattan field supervision.
20.22. In the absence of demonstrated proficiency of certified flagging and rigging Foreman Manhattan has the authority to request retraining.
20.23. Tag lines shall be used to control loads.

21. Buck Hoist

21.1. All safety and health regulations shall follow CFR1926.552 of the OSHA regulations.
21.2. Rated load capacities recommended operating speeds, and special hazard warnings or instructions shall be posted on the buck hoist.
21.3. No loads shall be hoisted above the buck hoist while the hoist is in operation.
21.4. Only authorized and trained personnel shall operate the buck hoist.
21.5. At the end of the working day, the power to the buck hoist shall be de-energized and locked to prevent un-authorized use.
21.6. Hoisting building material(s) and deliveries shall be scheduled with the onsite management team.
21.7. Fire extinguisher shall always be present in the cab.
21.8. Operator manual shall always be present in the cab.
21.9. Buck hoist shall be inspected daily and documented prior to hoisting personnel.
21.10. No smoking permitted in or near (within 25 feet) of the buck hoist.

22. Mast Climbers – Swing Stages

22.1. Mast Climbers are defined as elevated working platforms therefore all 1926.451 standards of OSHA regulatory standards are applicable.
22.2. Mast Climber(s) shall be operated, used, erected, and dismantled only by personnel who have been properly authorized, trained and familiarized with the specific model/machine.
22.3. Equipment should not be accessed or operated unless supervised by a competent person at point of use.
22.4. A pre-start inspection must be completed, by a competent person, at the beginning of each shift prior to use.
22.5. All lifelines shall be protected against cuts and abrasions and must be inspected prior to use.
22.6. The pre-start shall also include the inspection of all components of PFAS (personal fall arrest equipment).
22.7. Do not exceed the maximum load limitations (main deck and extensions) for the configuration of the mast climber, including both personnel and material.
22.8. Make sure all inspections and maintenance are performed as required and according to manufacturer's instructions. Report problems or malfunctions to the competent person.
22.9. Make sure extensions are fully planked with scaffold grade plank or equivalent and properly secured.
22.10. When moving or operating the mast climber, always look in the direction of travel.

22.11. Only use normal operating controls for the mast climber. Do not bypass or override the normal operating controls or safety devices.
22.12. Do not alter ties, platform, or base without the written authorization of the manufacturer and competent person.
22.13. Be aware of weather conditions and how they can affect the use of the mast climber.
22.14. Always follow all emergency directives by on the on-site management and the competent person.
22.15. At the end of each day power source to the equipment shall be locked out and tagged out.

23. Forklifts, Aerial Lifts, Scissor Lifts & Misc. Vehicles

23.1. Forklifts:

23.1.1. Certified operator shall only be allowed to operate any forklifts (certification cards must be on person).
23.1.2. The use of any smart phone, iPad, or any other handheld electronic devices while operating the forklift is strictly prohibited.
23.1.3. Operators are prohibited from listening to music with ear plugs and or any blue tooth device.
23.1.4. Operator shall follow all OSHA 1910.178(I-Q) regulatory standards.
23.1.5. Operator shall not exceed maximum lift and reach capabilities of the forklift.
23.1.6. Operators must operate the forklifts according to manufactures instructions.

23.2. Aerial Lifts:

23.2.1. Only trained and authorized personnel shall operate an aerial lift.
23.2.2. Operators shall follow OSHA 1926.453(a-b).
23.2.3. Operators are prohibited from listening to music with ear plugs and or any blue tooth device.
23.2.4. Operators shall follow all manufacture use and training of the equipment.
23.2.5. The use of PFAS (personal fall arrest system) is always required while using the equipment.
23.2.6. No attachments or modifications to the equipment are allowed without the manufactures written approval. Only attachments designed and approved by the manufacture are allowed to be used.

23.3. Scissor Lifts:

23.3.1. Only authorized personnel shall operate the scissor lift.
23.3.2. PFAS (personal fall arrest system) shall always be used while operating the equipment.
23.3.3. Operators shall follow OSHA 1926.452(w) regulations.
23.3.4. Do not exceed the maximum weight capacity of the equipment.
23.3.5. Operators shall follow all manufacture requirements of the equipment in use.

23.3.6. No attachments or modifications to the equipment are allowed without the manufactures written approval. Only attachments designed and approved by the manufacture are allowed to be used.

23.4. Miscellaneous Vehicles (4 wheelers, golf carts, other types of equipment)

23.4.1. Operators must have a valid driver's license on their person while operating vehicle and equipment.
23.4.2. All off road vehicles shall be equipped with flashing yellow/amber beacons, safety triangle, and ROPS.
23.4.3. Beacons must be maintained to standards of good working and operational condition. Beacons must be located on the uppermost part of the vehicle structure and visible from any direction.
23.4.4. Seat belts must always be worn.
23.4.5. Off road vehicles shall be operated in accordance with the manufacture safety guidelines. All passengers shall be seated in the manufacture-designated seat while the vehicle is in motion.
23.4.6. No riding in the bed of pickup trucks or other equipment where a manufactured seat and seatbelt was not provided for riders.
23.4.7. Always maintain the posted speed limit or 5mph for the project.
23.4.8. Operator involved in an accident or ANY near miss, must report the incident to Foreman Manhattan Construction Team representative immediately. Failure to report the incident will result, but not limited to, removal of the individual from the project indefinitely.
23.4.9. All backing operations always require the use of a spotter. DO NOT back vehicles or equipment without a spotter.
23.4.10. All haul truck drivers and delivery drivers shall remain in the cab of the vehicle until directed by unloading personnel. At no time shall a driver be out of the vehicle walking around the project without proper escorting.
23.4.11. All equipment must have a fire extinguisher in good condition attached in the cab for emergency use.
23.4.12. All equipment and vehicles on site shall be labeled with the trade partners company name (including rental equipment/vehicles).

24. Masonry Walls

24.1. Trade Partners erecting masonry walls shall do so in accordance with CFR Title 29, Part 1926.706.
24.2. Prior to erecting any masonry wall, a Limited Access Zone shall be established and maintained throughout construction of the wall.
24.3. All overhead work shall be confined to an area clearly marked by red barricade tape at the closest working surface below the overhead work activity.

24.4. No employee, except those involved with post tensioning activity, shall be permitted to be behind the jack during post tensioning operations.
24.5. Masonry saws shall be guarded with a semicircular enclosure over the blade and provided water to control dust and debris.
24.6. All concrete sawing, coring, or cutting operations require a permit to be completed prior to activity, and the permit must be posted in the work area for the duration of the saw cutting or coring operation. The permit must specify the location of the activity, name of the person requesting the permit, name of the company, date and duration of the sawing or coring.
24.7. All OSHA respirable crystalline silica regulations shall be followed. Refer to the Silica Control section of this safety plan.

25.Housekeeping

25.1. Jobsite cleanliness is an item of major significance on this project and will be closely monitored.
25.2. Do not block any entry/exit points or any emergency equipment i.e. fire extinguishers.
25.3. Housekeeping shall be performed daily, on a continuous basis. In the event housekeeping is not being performed, trade partner agrees to provide manpower for a composite crew.
25.4. The composite clean-up crew is for unidentifiable objects, all identifiable trash, materials, debris, tools, etc. will be cleaned at the responsible trade partner's expense.
25.5. Waste materials such as wood, concrete, rebar, cardboard, plastic wrap, and other types of trash will be cleaned and removed daily! Construction scrap materials shall be placed in the appropriate material-specific labeled dumpster.
25.6. Glass containers or bottles are strictly prohibited on the project.
25.7. Each trade partner is responsible for the disposal of lunch trash and drinking cups and must provide trash containers in their lunch areas.
25.8. Materials shall be stored in an orderly manner; scrap material will be removed from the work area daily.
25.9. Protruding nails must be bent, flat, or removed as the work proceeds and before disposal.
25.10. Banding iron must be flattened and/or placed in a proper trash container, as the bands are broken.
25.11. Off cuts of round stock, such as all-thread rod and conduit, must be stacked neatly not to create a tripping hazard.
25.12. Lunch trash will be placed in a trash container and not on the floor, ground, or property. At no time will food trash be left lying around.

26.Temporary Workers

26.1. Host employers will treat temporary workers as they treat existing employees. Temporary staffing agencies and host employers share control over the employee and are therefore jointly responsible for temporary employee's safety and health.

27.Silica Control Plan

27.1. A site-specific silica exposure control plan must be written and at a minimum must include:
27.2. The company's name and contact information
27.3. A listing, description of all tasks that may involve exposure to silica
27.4. The types of silica containing materials handled in each task (such as concrete – tile)
27.5. The specific method that will be used to limit exposure to each listed task
27.5.1. Engineering control (wet method, vacuum system, ventilation
27.5.2. Administration controls – work practices
27.5.3. Restricted access – Isolation
27.5.4. Substitution – Elimination and
27.5.5. PPE such as respirator with an assigned protection factor (APF) of 10 or higher (see table 1 of 29CFR 1926.1153
27.6. Potential impact of
27.6.1. Weather (wind – humidity)
27.6.2. Surrounding (outdoors, enclosed, other activities
27.7. Name of the competent person and contact information
27.8. Employee training
27.9. General housekeeping measures to limit exposures to silica dust.
27.10. Silica is the main component found in sand, quartz, and granite rock. Excessive amounts of silica dust may be generated during activities such as: sandblasting, rock drilling, roof bolting, foundry work, stonecutting, drilling, quarrying, brick/block/concrete cutting, gunite operations, lead-based paint encapsulate applications, asphalt paving, cement products manufacturing, demolition operations, hammering, and chipping and sweeping concrete or masonry.

28.Job Hazard Analysis (JHA) – SAFE 8

28.1. A job hazard analysis (JHA) is a procedure, which helps integrate accepted safety and health principles and practices into a particular task or job operation. In a JHA, each basic step of the job is to identify potential hazards and to recommend the safest way to do the job. JHA are updated/written per task, reviewed by the crew performing the task and signed.
28.2. SAFE 8 JHA shall be completed by each crew and kept in the work area while performing the task daily.
28.3. Each employee must review, discuss, and sign the SAFE 8 JHA before performing the task.
28.4. The SAFE 8 JHA form shall be utilized by all trade partners on a Foreman Manhattan site and logged in Procore after the task is complete.
28.5. SAFE 8 JHA shall be thorough and include all the task activities and updated when task changes, such as performing from groundwork to elevated work or new crew employees are part of the crew.

29. BLASTING – Explosives

29.1. All OSHA regulatory standards 1926.900 are applicable.

29.2. Smoking, matches, open flames, or heat producing devices and sparks shall be prohibited in or near explosive magazines or while explosives are being handled. No explosives or blasting agents shall be abandoned. Employees authorized to prepare explosive charges or conduct blasting operations shall use every reasonable precaution including, but not limited to, visual and audible warning signals, flags, or barricades, to ensure employee safety.

29.3. The suspension of all blasting operations and removal of persons from the blasting area during the approach and progress of an electrical storm. All blasting shall be suspended if lightening is detected within 10 miles of the blasting area(s)

29.4. Appropriate and all required signage shall be posted. Radio transmissions shall be turned off 100 feet away from blasting caps. The use of black powder is prohibited. All loading and firing shall be directed and supervised by the competent person in the field. The name and all credentials of the competent person shall be submitted to Foreman Manhattan construction company prior to commencement of work.

29.5. Blasting caps, electric blasting caps, detonating primers, and primed cartridges shall not be stored in the same magazines with other explosives. The land surrounding magazines shall be kept clear of brush, dried grass, leaves, and other materials for a distance of at least 25 feet. Reference OSHA table h-21 in the 1910.109 section of OSHA regulations.

29.6. The competent person shall always be in control of the magazines and who shall be held responsible for the enforcement of all safety precautions. Explosives recovered from blasting misfires shall be placed in a separate magazine until the competent person has determined the method of disposal and removal form the project.

29.7. Warning required. Before a blast is fired, the competent person shall require that a loud warning signal be given, who has made certain that all surplus explosives are in a safe place, all persons and vehicles are at a safe distance, and that adequate warning has been given. All required forms shall be reviewed prior to a blast. OSHA 1910.109 regulatory standards shall be always followed during blasting operations.

30. COVID-19 (Corona Virus)

Know how it spreads

30.1. **The best way to prevent illness is to avoid being exposed to this virus.** The virus is thought to spread mainly from person-to-person. Between people who are in close contact with one another (within about 6 feet). Through respiratory droplets produced when an infected person coughs, sneezes, or talks. These droplets can land in the mouths or noses of people who are nearby or possibly be inhaled into the lungs. Some recent studies have suggested that COVID-19 may be spread by people who are not showing any symptoms. (A-symptomatic)

30.2. All personnel shall follow the more stringent requirements of all federal, state, and local requirements set forth during the COVID-19 crisis.

30.3. Trade partners and their employees must complete a daily COVID-19 questionnaire and check their temperatures before accessing the site. All completed questionnaires must be filed in the Procore tool.

30.4. Do not report to the project if you have the following symptoms:

30.5. Fever or chills, Cough, Shortness of breath or difficulty breathing, Fatigue, Muscle or body aches, Headache, New loss of taste or smell, Sore throat, Congestion or runny nose, Nausea or vomiting, Diarrhea. This list does not include all possible symptoms. CDC will continue to update this list as we learn more about COVID-19.

30.6. Contact your supervisor / employers as soon as possible.

30.7. Wash your hands in accordance with CDC guidelines.

30.8. keep 6 feet away from other personnel on site.

30.9. The use of face mask/face covering may be required depended upon local governments while working on the project. Cover cough, sneezes, and disinfect all tools / equipment and surface area.

30.10. Visitors must check in at the project office and follow all required COVID-19 protocols set forth in this policy.

30.11. Reference the CDC guidelines, local health officials, and local governments for additional information.

30.12. COVID-19 is a new virus with little know information about the disease. Please stay alert with the local news and new evolving aspects of protecting workers from the virus. These COVID-19 policies and requirements may change at any time. Foreman Manhattan recommends following the CDC's and government recommendations and requirements to help slow the spread of COVID-19.

31. Overhead Protection

31.1. At no time will one trade work over/under another unless the activities are coordinated through Foreman Manhattan Construction Team and precautions as specified in a JHA and are implemented to prevent injury from falling objects.

31.2. Overhead protection will be provided using designated overhead protected entrances/exits and a minimum of one of the following methods or an equivalent.

31.3. Orange fencing (Snow Fencing) may be installed on all access levels below open sided exterior and atrium floors to restrict access to the protected entrances/exits. Additionally, debris and materials secured or kept a safe distance from the edge.

31.4. Toe boards and/or vertical debris netting (secured at the floor) installed and maintained along open edges below, which employees may walk or work. Shafts without pits will be covered or have guardrails with toe boards and/or be barricaded at the bottom floor.

31.5. Trade partners shall direct their employees to comply with the access restriction system and use only the overhead protected access points. trade partners shall instruct all its employees as to the markings and methods of overhead protection provisions implemented by Foreman Manhattan Construction Team and the project Trade Partners.

31.6. Trade partner employees shall not remove or by-pass any overhead protective devices unless they have notified Foreman Manhattan Construction Team and alternative overhead protection provisions have been agreed upon and implemented. Trade partner is to notify Foreman Manhattan of defects or deficiencies of protective systems before starting to work in an area to avoid being held responsible for corrective actions taken by Foreman Manhattan Construction Team.

32. Material Handling and Storage

32.1. Trade partners will ensure that their material stored inside the building shall not be placed within 6’ of any hoist way or interior floor opening or with 10’ of any exterior wall, which does not extend above the stored material.

32.2. Roofing material should be at least 6’ away from the edge to prevent displacement.

32.3. All materials shall be handled and stored with the utmost care. Trade partners shall ensure that their employees are properly trained in proper moving, lifting, grabbing, hoisting, team lifting, and any accessories for handling materials. No employees are to be exposed to material handling that may injury themselves or others in their area. All temporary storage of materials shall be secure, neat, orderly, and out of walkways. Materials shall not be haphazardly piled or strewn about in any work area.

32.4. Foreman Manhattan Construction Team management shall designate areas for storage for each trade partners materials. The trade partner is responsible to inform Foreman Manhattan Construction Team five days prior to a material shipment arriving at the project site to ensure proper planning for storage. The trade partners are solely responsible for any materials brought on to the site.

32.5. Any equipment utilized in the movement and storage of materials shall be in good condition and shall meet the manufacturer's specifications, and all applicable federal, state, and local standards and codes. All personnel utilizing such equipment shall be properly trained as to the operation of such equipment. The Trade Partners is solely responsible for such training and re-training if required.

32.6. All Federal, State, and Local requirements and regulations shall be followed at all-time including any additional rules set by or Foreman Manhattan Construction Team.

33.Steel Erection

33.1. A pre-planning meeting must be held, and a site-specific erection plan must be developed by the controlling contractor and the steel erection contractor.

33.2. All hoisting operations shall be pre-planned to minimize the exposure of swinging loads over employees. Routes for suspended loads shall be pre-planned to ensure that no employee is required to work directly under a suspended load, except those involved in steel erection.

33.3. All suspended loads shall have a tag line to maintain control of the steel.

33.4. "Christmas treeing" is only allowed if the following criteria is met.

33.5. A multiple lift rigging assembly shall be used

33.6. No more than five (5) similar structural members may be suspended

33.7. All employees participating in the activity have been trained in the procedures noted in OSHA 1926.761.

33.8. Some state plans may limit the number of members that can be hoisted.

33.9. Each employee engaged in a steel erection activity that is on a walking working surface with an unprotected side or edge 6' or more above a lower level shall be protected from fall hazards by safety net systems, guardrail systems, or personal fall arrest systems. This includes connectors and any employee installing metal decking.

34.Hearing Conservation Policy

34.1. Foreman Manhattan Construction Team management recognizes that workers are sometimes exposed to excessive noise levels on the job. Excessive noise can, and often does, cause permanent hearing loss if engineering controls or personal protective equipment is not used.

34.2. Limiting exposure to excessive noise through engineering controls is Foreman Manhattan Construction Team management's preferred method of control. (Engineering controls may be as simple as removing a generator from the work area and using a longer power cord.) Where engineering controls are not feasible, supervisors shall provide and ensure that their employees wear hearing protection. When hearing protection is necessary, the use of protective equipment is required.

34.3. The objective of this policy is to prevent the unnecessary loss of hearing due to excessive noise levels. All requirements contained in the 29 CFR 1926 OSHA Construction Standards

concerning hearing conservation shall be strictly adhered to by all trade partners and their employees.

34.4. Warning signs stating "High Noise Area – Hearing Protection required" will be posted by the trade partner on the periphery of all work areas where workers may be exposed to excessive noise levels.

Section 9. Summary of Trade Partners safety documents

1. Drug Free Workplace

1.1. Foreman Manhattan has a Drug Free Workplace policy that includes pre-employment, post-incident, random, and reasonable suspicion testing procedures.

1.2. All trade partners working on the project must be drug tested within 30 days prior to commencing work. A signed letter on the trade partner company letter head stating all employees on the site have been drug tested will be filed with their site safety plan.

1.3. All trade partners must submit that they have a similar program in place.

1.4. Prior to mobilization, trade partners must certify that all employees that will work on-site are following the trade partners program.

2. Summary of Required Trade Partners Safety Documents

2.1.	Site specific safety & Haz-Com plans	Prior to Start
2.2.	Emergency Contact List	Prior to Start
2.3.	Chemical Inventory List	Prior to Start
2.4.	Competent Person Letter (2 per sub)	Prior to Start
2.5.	OSHA 30 hr. Card (Supt. & Foreman)	Prior to Start
2.6.	OSHA 10 hr. Card (competent person)	Prior to Start
2.7.	CPR First/Aid Certification	Prior to Start
2.7.1.	One per 25 employees on site (Can be on competent person letter)	
2.8.	Equipment operator credentials	Prior to Start
2.9.	SAFE 8 Job Hazard Analysis (JHA)	Task Specific – Daily
2.10.	Hot Work Permit	Daily
2.11.	Excavation Permit	Daily
2.12.	Coring/Saw Cutting Permit	Daily
2.13.	Sub Safety Audit	Weekly
2.14.	Toolbox Safety Meetings (Task Specific)	Weekly
2.15.	Trade Partner Meeting	Weekly
2.16.	Trade Partner Monthly Man Hour Report	5th of each Month
2.17.	Initial Incident / Accident Report	Within 8 hours

3. Task Specific Training Documents

3.1. Training - Personal Protection Equipment (PPE) & Hazard Communication (For All), Ladders, Fall Protection Training for employees exposed to 6' or greater falls, Lockout Tagout (LOTO), Powder, Actuated Tools, Electrical, Confined Space Entry, Personnel Handling Chemicals and Respiratory Training.

3.2. Operators - Cranes (Operator, Rigger & Signalman) Equipment (Forklifts, Loaders, Back Hoes & Bob Cats, Boom Lifts, Scissor Lifts, Swing Stages, Scaffold Erect / Dismantle & User Training and Baker Scaffold E&D.

Section 10. Forms, Documentation, and Onsite Permits

1. Confined Space Permit
2. Hot Work Permit
3. Guardrail Removal Permit
4. Excavation Inspection Permit
5. Safe 8 JHA forms English and Spanish
6. Monthly Man-hour Reports
7. Incident reports (if no access to Procore)
8. COVID-19 questionnaire
9. Hammertech QR code (access to project orientation)

FOREMAN | MANHATTAN
Construction Team

RFI #PC-012

Foreman | Manhattan Construction Team
5601 South 122nd East Avenue
Tulsa, Oklahoma 74146
Phone: (918) 583-6900
Fax: (918) 592-4334

Project: 8078 - Cherokee Nation Hospital
17665 S. Muskogee Ave
Tahlequah, Oklahoma 74464

Machine Room Less Electric Traction Elevators Load

TO:	Mathew Thomas **(Childers Architect)**	**FROM:**	Michael Flaherty **(Manhattan - Tulsa)** 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	10/28/ 2022	**STATUS:**	
LOCATION:		**HOT RFI:**	No
COST CODE:		**DUE DATE:**	11/02/2022
COST IMPACT:		**REFERENCE:**	
SCHEDULE IMPACT:		**SPEC SECTION:**	14 21 23 - Machine-Room-Less Electric Traction Elevators
DRAWING NUMBER:			
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Michael Flaherty (Manhattan - Tulsa) at 01:48 PM on 10/28/2022

Re: Spec 142123 - Machine Room Less Electric Traction Elevators

1. P1, P2, P3 (Public Elevators), 142123 - 2.3 - B - 2
2. S1, S2 (Staff Elevators), 142123 - 2.3 - C - 2
3. LD1 (Loading Dock Elevator), 142123 - 2.3 - D - 2

Each of the above six (6ea) elevators are specified to have a rated load of 5,200 pounds. This is a custom capacity elevator which will be a significant cost to the project compared to standard capacity elevators.

Please confirm if a custom 5,200 pound elevator is intended, or if a standard capacity elevator (5,000 pounds or 6,000 pounds) would be acceptable for the six (6ea) elevators listed above.

All Replies:

Response from Mathew Thomas (Childers Architect) at 07:45 PM on 11/01/2022

5,000 Pound is acceptable for Public/Staff/Loading Dock elevators.

Attachments:

COPIES TO:
Jon Asbill **(Cherokee Nation)**, Shane Boren **(Childers Architect)**, Jessie Brackett **(Cherokee Nation Property Management)**, James Carter **(CNE/CNB)**, Breck Childers **(Childers Architect)**, Patrick Day **(Manhattan - Tulsa)**, Maggie Dillard **(Childers Architect)**, Justin Edmonds **(Manhattan - Tulsa)**, Michael Flaherty **(Manhattan - Tulsa)**, Patrick Fogarty **(Manhattan - Tulsa)**, W.C. Gernandt **(Direct 2 Completion)**, Ruel Mendoza **(Childers Architect)**, Kevin Ogle **(CNE/CNB)**, Mike Owen **(Direct 2 Completion)**, Doug Peterson **(Manhattan - Tulsa)**

Coordinate and/or incorporate the enclosed clarifications to the Contract Documents as described in this RFI. Proceed with the clarifications described herein unless there is a cost or time impact to your work. If this RFI constitutes a change in cost or contract time to your scope, provide written notification of change to Manhattan within 48 hours of receipt of this RFI.

FOREMAN | MANHATTAN
Construction Team

RFI #PC-013

Foreman | Manhattan Construction Team
5601 South 122nd East Avenue
Tulsa, Oklahoma 74146
Phone: (918) 583-6900
Fax: (918) 592-4334

Project: 8078 - Cherokee Nation Hospital
17665 S. Muskogee Ave
Tahlequah, Oklahoma 74464

PT-1 and PT-2 Capacity and Speed

TO:	Mathew Thomas **(Childers Architect)**	**FROM:**	Michael Flaherty **(Manhattan - Tulsa)** 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	11/08/ 2022	**STATUS:**	
LOCATION:		**HOT RFI:**	No
COST CODE:		**DUE DATE:**	11/13/2022
COST IMPACT:		**REFERENCE:**	
SCHEDULE IMPACT:		**SPEC SECTION:**	14 21 00 - Electric Traction Elevators
DRAWING NUMBER:			
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Michael Flaherty (Manhattan - Tulsa) at 11:04 AM on 11/08/2022

RE: 142100-2.3-B-3 & 4
The Patient Transfer Elevators (PT-1 and PT-2) are specified to be 10,000 pound rated load and 500 fpm rated speed, which is a custom configuration and a high travel rate for this application, particularly for this total travel / number of stops.

Would either of the following be acceptable for these two elevators?
1. A reduced 225 fpm rated speed, at the specified 10,000 lb rated load; or
2. A specified 500 fpm rated speed, at a reduced rated capacity of 9,000 lb; or
3. Is the specified 500 fmp rated speed and the specified 10,000 lb rated load required for these elevators

All Replies:

Response from Mathew Thomas (Childers Architect) at 07:55 PM on 11/09/2022

Please price both option 1 and 2. We can review and have owner select one of the options. Based on vertical transportation study that was conducted by a logistics consultant they recommended 8,000 or 10,000 pound with 350fpm.

Attachments:

COPIES TO:
Jon Asbill **(Cherokee Nation)**, Shane Boren **(Childers Architect)**, Jessie Brackett **(Cherokee Nation Property Management)**, James Carter **(CNE/CNB)**, Breck Childers **(Childers Architect)**, Patrick Day **(Manhattan - Tulsa)**, Maggie Dillard **(Childers Architect)**, Justin Edmonds **(Manhattan - Tulsa)**, Michael Flaherty **(Manhattan - Tulsa)**, Patrick Fogarty **(Manhattan - Tulsa)**, W.C. Gernandt **(Direct 2 Completion)**, Ruel Mendoza **(Childers Architect)**, Kevin Ogle **(CNE/CNB)**, Mike Owen **(Direct 2 Completion)**, Doug Peterson **(Manhattan - Tulsa)**

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