

January 11, 2023

CM CLARIFICATION #09

BID PACKAGE 04 – Concrete, Earthwork, and Remaining Utilities

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, SCOPE PACKAGES:

The following Scope Packages / Bid Forms are REVISED and re-issued.
Bidders must submit this revised bid form:

03.02 – Concrete
31.02 – Earthwork (Main Site)
33.03 – Remaining Site Utilities

2. Requests for Information:

See attached RFI's and Responses to be considered while assembling bids for this project:

RFI PC-014 Pavement Sections
RFI PC-015 Specification 33 41 00
RFI PC-017 Stone Seatwall Foundation Drain
RFI PC-018 Storm Inlet and Pipe - Unidentified
RFI PC-019 FH6 Spread Footings
RFI PC-020 South Canopy Footing F11
RFI PC-021 Dry Shake Hardener & Liquid Penetrating Treatment

3. Bid Date:

Bid Date **REVISED:** Thursday, January 19 at 2pm Central

(See CM Manual Instructions to Bidders for more info)

- END OF CM CLARIFICATION -

Proposal Bid Form:

3.02 Building and Site Concrete

8078 - New Cherokee Nation Hospital - BP04 Tahlequah, OK

SUBMITTED BY (Company Name Per W-9 Form):	
CONTACT NAME:	
ADDRESS:	
PHONE NUMBER:	
EMAIL:	
SIGNATURE:	

LINE ITEMS

Description	Extended Cost
PROJECT BREAK-OUT (Including Sales Tax):	
1. BASE BID - HOSPITAL CONCRETE	<div>\$</div>
2. BASE BID - CENTRAL PLANT CONCRETE INCLUDING CONNECTING BRIDGE	<div>\$</div>
3. BASE BID - PEDESTRIAN BRIDGE CONCRETE	<div>\$</div>
4. BASE BID - SITE CONCRETE	<div>\$</div>
BASE BID (TOTAL OF ABOVE ITEMS):	<div>\$</div>

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PRICING BREAKOUTS (For Accounting Only)

HOSPITAL

PIERS AND PIERCAPS	\$
SHALLOW FOUNDATIONS	\$
SLAB-ON-GRADE	\$
UNDER SLAB DRAINAGE LAYER	\$
SLAB-ON-DECK	\$
ELEVATOR PITS	\$
LOADING DOCK	\$
EQUIPMENT PADS	\$
STAIR TOWERS	\$
MOISTURE MITIGATION	\$

CENTRAL PLANT

PIERS AND PIERCAPS	\$
SHALLOW FOUNDATIONS	\$
UNDER SLAB DRAINAGE LAYER	\$
SLAB-ON-GRADE	\$
SLAB-ON-DECK	\$
EQUIPMENT PADS	\$
STAIR TOWERS	\$
MOISTURE MITIGATION	\$

PEDESTRIAN BRIDGE

PIERS AND PIERCAPS	\$
SHALLOW FOUNDATIONS	\$
SLAB-ON-GRADE	\$
SLAB-ON-DECK	\$
MOISTURE MITIGATION	\$

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SITE CONCRETE

LIGHT DUTY PAVING	\$
MEDIUM DUTY PAVING	\$
HEAVY DUTY PAVING	\$
STANDARD SIDEWALKS	\$
TYPE 1 DECORATIVE PAVING	\$
TYPE 2 DECORATIVE PAVING	\$
TYPE 3 DECORATIVE PAVING	\$
TYPE 4 DECORATIVE PAVING	\$
CURB & GUTTER	\$
LIGHT POLE BASES	\$
EQUIPMENT PADS	\$
STORM DRAINAGE CONCRETE	\$
PAVING SPECIALTIES	\$

ALTERNATES:

ALT 1 - 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.

\$

UNIT PRICES:

1. Light Pole Base - Reference CM Clarification 02 - Bid Package 1 North Parking (Page 75) for details.

\$ (1/EA)

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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:

- DIVISION 00 - FOREMAN MANHATTAN'S CONSTRUCTION MANAGER'S BID MANUAL (COMPLETE)
- DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS (AS APPLICABLE TO THIS SCOPE OF WORK)
- DIVISION 01 - GENERAL REQUIREMENTS (AS APPLICABLE TO THIS SCOPE OF WORK)
- 03 30 00 - CAST-IN-PLACE CONCRETE (COMPLETE)
- 03 30 00.01 - CAST-IN-PLACE CONCRETE FOR LANDSCAPING (COMPLETE)
- 03 35 19 - DECORATIVE CONCRETE PAVING (COMPLETE)
- 32 13 00 - RIGID PAVING (COMPLETE)
- 32 16 13 - CURBS AND GUTTERS (COMPLETE)
- 32 17 00 - PAVING SPECIALTIES (COMPLETE)

Mark "Yes" or "No" To All:

- Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

Yes

No

SCOPE OF WORK:

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 Building and Site Concrete for the New Cherokee Nation 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. Review and comply with all applicable General Notes, Concrete Construction Notes, Plan Notes and Keynotes as indicated on the contract documents applicable to this scope of work.

- Yes

No

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BUILDING CONCRETE:

1. Provide and install including but not limited to all building structural concrete, miscellaneous cast-in-place concrete, sump pits, elevator and other pits, drilled piers, footings, foundations, pier caps, grade beams; walls and shear walls, slabs-on-grade including thickened slabs, slabs-on-metal deck, all metal pan stair and landing fill concrete, all miscellaneous cast-in-place, etc. ___ Yes ___ No
2. Install all required embeds for all structural steel, metal deck, miscellaneous and fabricated metals, metal deck support, elevator hoist beam and rail support, elevator sill angles, elevator sumps, roof drain sumps, metal stairs, pipe and tube railings, trenches, gratings, automatic doors, and architectural expansion joint assemblies in slabs as required. ___ Yes ___ No
3. Provide all drilled piers, including temporary casings and service crane, as indicated and required by the contract documents. ___ Yes ___ No
4. Provide all termite control pre-treatment work in accordance if required by documents. ___ Yes ___ No
5. Provide all concrete formwork including all required bracing, supports, shoring, re-shoring. ___ Yes ___ No
6. Provide all miscellaneous and supplementary formwork for construction joints, pour backs, depressions, openings, box-outs, shear keys, ledges, block outs, recesses, raised areas, and expansion joint covers. Includes formwork engineering where specified or required by ACI. ___ Yes ___ No
7. Provide all block-outs as required, including elevator sumps, roof drain sumps, trenches, automatic doors, architectural expansion joint assemblies in slabs, etc. ___ Yes ___ No
8. Provide all depressions as required including for ceramic tile, resinous flooring/terrazzo and/or prefabricated shower unit depressions, etc., as indicated and required by the contract documents. ___ Yes ___ No
9. All concrete accessories including carton/void forms; water stops; bonding agents; contraction, construction, control, expansion and isolation joints and fillers; compressible fillers, bond breakers, etc. as necessary and required. Note: not only within concrete construction but also against any existing as indicated and required by the contract documents. ___ Yes ___ No
10. All related concrete reinforcing steel, dowels, wire mesh, lenton couplers, smooth dowels, grease, slip caps, form savers and required supports, bolsters, hangers, chairs, runners, spacers, etc. ___ Yes ___ No
11. Provide all dowels, dowel bar substitutes, lenton couplers and terminators, form savers, Hilti drop-in anchors, and drilling and setting of epoxy type dowels as required for work of this agreement. ___ Yes ___ No
12. Provide all future floor dowels, lenton(s) or other devices if required. ___ Yes ___ No
13. Provide all rebar dowel safety protection, complete. ___ Yes ___ No
14. All costs to correct omitted or misplaced anchor bolts or embeds shall be borne by this contractor. Unloading of embedded steel items is work of this contract. ___ Yes ___ No
15. Provide all layout, survey, installation, bolt templates, support/brace and protect all embeds including those furnished by others. All embeds are to be left clean and free of concrete including threads of all anchor bolts and/or bolt assemblies. Leave at each anchor bolt assembly, one (1) bolt with leveling nut set to correct elevation and marked with paint. ___ Yes ___ No
16. Provide temporary markings, protect, clean-up and repair all in/under, flush, and all items provided by others which penetrate concrete work during and following concrete placement and finishing work. ___ Yes ___ No
17. If drilling into concrete or elevated concrete is required; drill, epoxy grout, and provide all required dowels or embeds into existing construction. ___ Yes ___ No
18. Provide waterproofing, felt paper wrap accessories for all anchor bolt/base plate assemblies if required. ___ Yes ___ No

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|--|------------------------------|-----------------------------|
| 19. Provide all specified concrete materials, additives and admixtures, as required. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 20. Provide all specified moisture mitigation additives and admixtures, as required. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 21. Provide Concrete mix designs as specified. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 22. Provide all equipment, hoisting other than provided by others, and means for placing and installation as required including all concrete pumps, placing booms if required, special rigging for hoisting, concrete buckets, chutes and trimmers. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 23. Provide all mud slabs as indicated and/or as required by contractor for ease of installation of concrete work. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 24. Provide all concrete fill including reinforcing at: metal stair pan filled treads and landings, etc. in accordance with details and specifications. After pouring, Subcontractor is to clean steel, concrete and/or masonry, etc. of all concrete spillage and splatters (front and back sides). | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 25. Schedule all major concrete pours through the CM. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 26. Provide all concrete finishes required including broomed, troweled, scored, bushed, smooth form, rubbed, grout finished, rough formed, etc. and all concrete surface repairs as indicated, specified or required. Includes patching of tie holes or honeycomb, de-finishing and removal of offsets as required including as required for surfaces to receive waterproofing. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 27. Provide all concrete finishing, scoring, saw cutting, tooling and buffing as required, indicated and as specified. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 28. Provide all required sealers in accordance with specifications and as recommended by manufacturer for areas where stained concrete is required. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 29. Provide all shake on concrete floor hardeners as indicated to be required per Division 3 specifications and if required per documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 30. Provide all noted sealed finish per finish schedule. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 31. Provide finish as specified, indicated and as required for all exposed elevated slab soffits. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 32. Grout all steel base plates and anchor bolt assemblies, elevator opening sill angles/edges, stair nosing's, floor mat frames, recesses, food service coolers/freezers, etc. as required. Clean and repair areas prior to grouting. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 33. Provide all concrete curing and protection as required. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 34. Provide all temporary Light Plants and under form deck task lighting for concrete pours. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 35. Provide any required patching, leveling or grinding of non-conforming slab tolerances or finishes. Additionally, repair any elevated formed concrete surfaces out of tolerance or as a result of form failure or improper curing. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 36. Provide all cutting, patching, and required repairs necessary and required for the performance of work for this package. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 37. In the event cast-in-place concrete does not meet the tests or tolerances as specified, is found to be non-conforming by an independent laboratory, and the Construction Manager is required to remove such non-conforming concrete, all costs of removal and replacement of this non-conforming concrete, including all removal and replacement of other work or materials related to the non-conforming concrete, shall be borne by this contractor. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 38. Provide all waterproofing for foundations, elevator pits, other pits, recesses, etc. as indicated and required by the contract documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 39. Provide all vapor barriers/retarders as indicated and required by the contract documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 40. Provide all perimeter (foundation) insulation if indicated and required by the contract documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 41. Provide all foam fillers, and fills including all topping slabs if indicated and required by the contract documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

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42. Though all related joint sealants and sealant accessories for work of this package in conformance with specification section 079000 – “Sealants and Caulking” is provided by others, this contractor shall clean and clear all joints of deleterious materials for subsequent sealant installation. Provide all required joint clean-up and repair for both horizontal and vertical uniformity prior to sealant installation. ___ Yes ___ No
43. Provide all concrete related Earthwork (both machine and handwork) including all excavation, rock excavation, thickened areas, fine grading, backfill, approved backfill materials, and compaction in accordance with all Division 31 specifications and as required by the Geotechnical Report including addenda. This subcontractor shall receive building sub-grade at +/- 1/10 ft. of slab-on-grade sub-grade elevation (top of base) from earthwork contractor. Installation of 4" granular base and all other earthwork is the responsibility of this contractor. ___ Yes ___ No
44. Remove and legally dispose of all related earthwork waste, excess, spoil and unacceptable materials on-site including drilled pier spoil. ___ Yes ___ No
45. Provide all structural excavation and backfill required to perform the work including handwork and compaction as specified including all excavation, backfill, fill, approved backfill materials, compaction haul off and disposal for all elevator pits and pits of any nature, recesses, thickened slabs, etc. including any rock removal as indicated and required. ___ Yes ___ No
46. Rework, re-compact and fine grade all sub-grade surfaces as required for slab-on-grade following completion of under-slab utilities, foundation backfill, and/or other work causing irregularities in sub-grade prior to aggregate capillary base course placement. ___ Yes ___ No
47. Provide all pumping, dewatering, damming, rerouting and associated mucking as required. Dewatering equipment shall be on the project at all times. Additionally, remove muck and spoil from all areas immediately. Additionally, restore grade with new materials if rutted or damaged. ___ Yes ___ No
48. Provide all slab-on-grade aggregate capillary fill below slabs. ___ Yes ___ No
49. Contractor shall brace all concrete structural elements for backfill operations as required. ___ Yes ___ No
50. In accordance with local jurisdictions and to the satisfaction of the Construction Manager, provide on a regular basis all required street cleaning resulting and during the course of operation for this scope of work. Clean streets as required such that roadways remain clean at all times. Provide street cleaning equipment as needed. ___ Yes ___ No
51. Open excavations shall be barricaded, protected, and provided approved railing at all times as required by OSHA and all authorities having jurisdiction. ___ Yes ___ No
52. Provide adequate working platforms, walkways, scaffolding, railings, leading edge protection (per O.S.H.A. standards), and related work as required for the work of this Subcontract and as required for the placing of reinforcing steel materials, embedded materials and placing of concrete within the forms of this Subcontract work. This includes slab grabbers and railings with handrails at pan stairs and landings. Subcontractor shall leave safety rails in place until fall hazards are eliminated by new construction. Once concrete is placed on elevated decks, this subcontractor is to install toe-boards at the perimeter of these decks and at floor and elevator openings. Subcontractor is to provide two wood job-built ladders (per OSHA Standards) at each level of hotel to deck above. These ladders are to remain in place until steel stairs are installed and pan stairs poured. ___ Yes ___ No
53. Provide self contained waste concrete and concrete truck wash-out bins at location(s)/area(s) approved in writing by the Construction Manager and periodically cleaned and removed offsite no less than weekly, or as directed by CM. Additionally, upon completion, remove and legally dispose all concrete bins waste, excess and unacceptable materials from site and restore truck wash out area in accordance with documents and/or as acceptable to the CM. ___ Yes ___ No
54. All cleanup, haul-off and legal disposal of all excess rebar, formwork, pump spoil concrete and other debris resulting from work of this Subcontract. ___ Yes ___ No
55. Clean-up and dispose all waste, debris, trash, all detrimental soils, spoils for this scope of work, and spill materials and have all formwork, metal decks, pour areas of any nature, inspected by the Construction Manager prior to any concrete placement. ___ Yes ___ No
56. Protect all surfaces including steel masonry, steel, and all adjacent new and existing materials and improvements from concrete splatters or drippings. Provide plastic splash guards as required to minimize splatters/spillage as required during concrete pours and all related activities. ___ Yes ___ No

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57. Open excavations shall be barricaded, protected, at all times as required by OSHA and all authorities having jurisdiction. ☐ Yes ☐ No
58. Subcontractor shall work with Owners Testing Laboratory to provide access to all areas required or subject to testing or visual confirmation by the testing agency. ☐ Yes ☐ No
- SITE CONCRETE** ☐ Yes ☐ No
59. Provide all site concrete including curb and gutter, thickened edges, ribbon curbs, concrete paving, decorative concrete, sidewalks, curb ramps, truncated dome sidewalk warnings, flumes, ~~light pole bases~~, handicap signage, pavement markings, etc., complete. ☐ Yes ☐ No
60. Provide all Decorative Paving including Type 1, Type 2, Type 3, and Type 4. ☐ Yes ☐ No
61. Provide all concrete related earthwork (both machine and handwork) including all excavation, rock excavation, thickened areas, fine grading, backfill with approved backfill materials, and compaction in accordance with all Division 31 specifications and as required by the Geotechnical Report. This subcontractor shall receive sub-grade at +/- 1/2" balanced to zero of sub-grade elevation (top of aggregate base) from earthwork subcontractor. ☐ Yes ☐ No
62. Subcontractor shall brace all concrete structural elements for backfill operations as required. ☐ Yes ☐ No
63. Provide all formwork, equipment, temporary bracing and accessories as required for a complete installation. This includes formwork engineering where specified or required by ACI. ☐ Yes ☐ No
64. Provide layout of all block-outs, embeds, sleeves, anchors, supports, etc. as required by the Contract Documents and in accordance with shop drawings provided by others ☐ Yes ☐ No
65. Provide all concrete reinforcing steel, dowels, wire mesh, smooth dowels, grease, slip caps, form savers and required accessories including slab bolsters, chairs, runners, spacers, etc. During construction all vertical reinforcing steel shall have a 6" 90-degree bend for impalement protection or provide OSHA approved impalement caps. ☐ Yes ☐ No
66. Provide all drilling, epoxy adhesives, etc. as required for the performance of this subcontractor's work. ☐ Yes ☐ No
67. Provide all concrete accessories including but not limited to: soil retainers, water stops; reglets; dovetail slots (if indicated); bonding agents; contraction / construction / control / expansion / isolation joints and semi-rigid fillers; compressible fillers, bond breakers, etc. as necessary and required. ☐ Yes ☐ No
68. Provide all concrete materials, admixtures, and additives. This includes all hot and cold weather additives. ☐ Yes ☐ No
69. Provide all place and finish of concrete materials. ☐ Yes ☐ No
70. Provide all concrete curing and protection as required. ☐ Yes ☐ No
71. All embeds and anchor bolts are to be left clean and free of concrete seepage/laitance and also provide for the removal of any temporary nails / screws. Provide as-built of anchor bolt locations to confirm correct installation ☐ Yes ☐ No
72. Perform all saw cutting as required for the performance of this subcontractor's work. ☐ Yes ☐ No
73. Provide self-contained dumpsters with liner for concrete wash-out including dump fees. Coordinate with the Manhattan designated representative a location for concrete washout dumpster. ☐ Yes ☐ No
74. Coordinate concrete pours with the Manhattan designated representative. ☐ Yes ☐ No
75. Prepare and implement pre-pour sign off documents prior to all concrete pours. Completed form to be submitted to the Manhattan designated representative for final approval prior to any pour (form to be approved by Manhattan). ☐ Yes ☐ No

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| 76. Provide all patching, leveling or grinding of non-conforming concrete including slab tolerances or finishes, and repair of any formed surface out of tolerance or because of form failure. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 77. Clean and remove all concrete spillage, drippings, laitance, dried concrete fins etc. caused during placing, stripping of forms or finishing of concrete. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 78. Deleted | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 79. Deleted | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 80. Provide all required temporary dewatering of excavations while performing this scope of work. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 81. Provide concrete flumes including aggregate base and sodding per 11/C3501. Comply with all notes pertaining to this detail. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 82. Provide all foundations and set inserts for all steel bollards, illuminated stainless steel bollards, and fixed stainless steel bollards. Provide detectable warning plates as required. Electrical connections, and setting of illuminated stainless steel bollards is by others. Setting of steel and fixed stainless steel bollards is included in this package | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 83. Provide loading dock trench drains, complete, per details and notes on 1/C6-511 including grates, embeds, crushed rock base, backfill and removal of spoils from site. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 84. Provide all cast-in-place Wing Walls for storm drainage system in all locations identified in the contract documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 85. Provide all Parking Specialties including Parking Bumpers, Pavement Markings and Signage, and Speed Bumps, per specification, in all locations identified in the contract documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 86. Provide all Stone Seat Wall Footings in all locations identified in the contract documents. Removal of spoils from site. REF HA1.2 & 1/HA2.1 | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

SCOPE-SPECIFIC CLARIFICATIONS / EXCLUSIONS

1. Work in BP-01- North Parking Lot Package
2. Work in BP-02 - Elevator Work Package
3. Work in BP-03 - Early Utility Package
4. Supply of all bollards
5. Gravity Retaining Walls
6. Precast Storm Drainage Structures
7. Light Pole Bases (See Unit Cost 1)

GENERAL ACKNOWLEDGEMENTS

- | | | |
|--|------------------------------|-----------------------------|
| | Mark "Yes" or "No" To All: | |
| 1. Sales Tax - This subcontract shall include all applicable sales tax. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 2. Include separate mobilizations / demobilizations as required by the Project Schedule and Phasing Plans. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 4. Provide all Warranties, Special Warranties, Inspections or Special Project Warranties as required by contract documents or manufacturer's written requirements. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

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|--|------------------------------|-----------------------------|
| 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 6. Subcontractor shall warehouse or store, separate and clearly identify all materials or equipment purchased as stored material under this Subcontract in order for 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 9. Keep surrounding streets, drives, and parking areas free of dirt caused or created by the work of this bid package. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 12. Subcontractor will assist Manhattan with providing material quantities and cost breakdowns as required for the Owner's and Manhattan's budget requirements. All breakouts specified in this subcontract will be used for accounting purposes and tracking only. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 13. Subcontractor agrees to be bound by the Welcome Package issued by the Manhattan Field staff. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 14. Authorized Subcontractor supervision must be onsite while work is being performed. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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; | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Manhattan General Provisions 2012 | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit A - (Scope of Work) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit B - (Bond Forms) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit C - (Insurance Requirements / Sample) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit D - (Construction Documents) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit E - (Special Conditions) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit F - (Project Schedule) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit H - (Manhattan Additional Safety Requirements) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit I - (Specific Inclusions) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 16. Contractor will hold pricing for 60 Calendar Days from the date of submission of this proposal. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 18. Contractor shall provide a complete installation that complies with all applicable codes, ordinances and satisfying all Authorities Having Jurisdiction. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Proposal Bid Form:

3.02 Building and Site Concrete

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

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
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. Acknowledge and agree to Manhattan Target Schedule. Verify 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. Contractors 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

Proposal Bid Form:

3.02 Building and Site Concrete

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

BOND INFORMATION:

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

%

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

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. (i.e. Journeyman straight time \$XX.XX and overtime \$XX.XX, Superintendent straight time \$XX.XX and overtime \$XX.XX, etc.) 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

Proposal Bid Form:

3.02 Building and Site Concrete

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

Bid Envelope Contents Checklist:	
1. Completed Foreman Manhattan Bid Form / Scope Package Document (this document)	_____
2. Completed Non-Collusion Affidavit	_____
3. Completed Business Relationship Affidavit	_____
4. Bidder's Proposal / Scope Letter (Optional)	_____
5. Bonding Letter Indicating Single Project and Aggregate P&P Bonding Capacity	_____
6. Copy of Front and Back of TERO Certificate (TERO Bidders Only)	_____
7. USB Flash Drive containing a digital version of all envelope contents (One File in *.pdf format)	_____

~ END OF BID PACKAGE ~

Proposal Bid Form: 31.02 Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

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

CONTACT NAME: _____

ADDRESS: _____

PHONE NUMBER: _____

EMAIL: _____

SIGNATURE: _____

LINE ITEMS

Description	Extended Cost
PROJECT BREAK-OUT (Including Sales Tax):	
1. HOSPITAL EARTHWORK	<div>\$</div>
2. CENTRAL PLANT EARTHWORK	<div>\$</div>
3. AGGREGATE BASE UNDER PAVEMENTS	<div>\$</div>
4. BALANCE OF EARTHWORK	<div>\$</div>
BASE BID (TOTAL OF ABOVE ITEMS):	<div>\$</div>

Proposal Bid Form:

31.02

Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

ALTERNATES:

ALT 1 - 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.

\$

UNIT PRICES:

UP-01 - Sod

\$ Per SQFT

UP-02 - Seeding

\$ Per SQFT

UP-03 - Placement of filter fabric and #57 stone 6-inch thick.

\$ Per SQFT

UP-04 - Rock Excavation - Mass (Per Spec Section 31 23 00, 1.5, M)

\$ Per CUYD

UP-05 - Rock Excavation - Trench (Per Spec Section 31 23 00, 1.5, M)

\$ Per CUYD

UP-06 - Remove and Replace Unsuitable Soil

\$ Per CUYD

UP-07 - Provide crane path unit cost. Coordinate placement with the Construction Manager. The all-weather path shall consist of 8" crushed stone and is to be removed after erection activities are complete. Remove aggregates and restore grades to the designed contours. Unit cost based on 60,000 SF

\$ Per SF

UP-08 - Provide unit cost for addition mobilization/demobilization. See C2-101 - Phase 1 Demo Plan attached.

\$ Per EA

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

Proposal Bid Form:

31.02

Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

INCLUSIONS:

APPLICABLE SPECIFICATION SECTIONS:

Mark "Yes" or "No" To All:

- DIVISION 00 - FOREMAN MANHATTAN'S CONSTRUCTION MANAGER'S BID MANUAL (COMPLETE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS (AS APPLICABLE TO THIS SCOPE OF WORK)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- DIVISION 01 - GENERAL REQUIREMENTS (AS APPLICABLE TO THIS SCOPE OF WORK)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 02 00 00 - 46 00 00 - SPECIFICATION SECTIONS (AS APPLICABLE TO THIS SCOPE OF WORK)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 31 10 00 - SITE CLEARING (COMPLETE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 31 22 00 - GRADING (COMPLETE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 31 23 00 - EXCAVATION & FILL (AS APPLICABLE TO THIS SCOPE OF WORK)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 31 25 00 - EROSION & SEDIMENTATION CONTROLS (COMPLETE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 31 36 00 - GABIONS (COMPLETE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 31 37 00 - RIPRAP (COMPLETE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No
- 32 11 00 - BASE COURSES (COMPLETE)	<input type="checkbox"/> Yes	<input type="checkbox"/> No

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 Earthwork 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. If any directive in this scope package conflicts with directives found in plans or specifications (E.G. "by CM" notes) or similar scope direction on plans or specifications, this scope shall govern.

☐ Yes ☐ No

2. Review and comply with all applicable General Notes, Concrete Construction Notes, Plan Notes and Keynotes as indicated on the contract documents applicable to this scope of work.

☐ Yes ☐ No

SITE DEMOLITION

3. Remove all concrete pavements, sidewalks and barrier curb and gutter as noted and delineated on the drawings for this phase of work. All debris shall be removed from site and legally disposed of.

☐ Yes ☐ No

4. Carefully remove trees and protect for transplanting. Trees shall be protected and transplanted at Owner's selected location for preservation.

☐ Yes ☐ No

Proposal Bid Form:

31.02

Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

- | | | |
|---|------------------------------|-----------------------------|
| 5. Remove signage, preserve, protect, and store in Owner's selected location for reuse. Relocation by others. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 6. Remove light poles, preserve, protect, and store at Owner's selected location for reuse. Relocation by others. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 7. Remove light poles bases and backfill with approved fill per contract documents. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 8. Remove Temporary Building in it's entirety. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 9. Remove, store, and preserve bicycle racks for reuse. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 10. Remove Storm Sewer within the building footprint only. Backfill and compact trench per Geotechnical requirements. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

- | | | |
|--|------------------------------|-----------------------------|
| 11. Remove empty Communication Conduits to the limits shown on the drawings. Conduits are not to be abandoned in place. Backfill and compact trench per Geotechnical requirements. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|--|------------------------------|-----------------------------|

EROSION CONTROL

- | | | |
|--|------------------------------|-----------------------------|
| 12. Install Silt Fence at all locations identified on C2-701. See Sheet C2-501, Detail 01. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 13. Install Temporary Construction Entrance at all locations identified on C2-701. See Sheet C2-501, Detail 2. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 14. Install Curb Inlet Sediment Barriers at all locations identified on C2-701. See Sheet C2-501, Detail 3. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 15. Install Rock Bag Check Dams at all locations identified on C2-701. See Sheet C2-501, Detail 04. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

- | | | |
|--|------------------------------|-----------------------------|
| 16. This Subcontractor shall provide, install, maintain and repair all erosion control measures as required by the erosion control plan or Authorities Having Jurisdiction (includes all silt fence, silt dike barriers, straw wattles, ditch liners, hay bales, inlet barriers, rock bags, rock dams, sedimentation traps, etc.). This Subcontractor shall be responsible for daily routine maintenance, inspecting, monitoring, and maintaining continuous erosion control measures during the performance of the Project. Inspections, reports, and maintenance shall occur daily or as conditions warrant until such time as proper vegetation is re-established or this Subcontract is complete. Additionally, provide all monitoring and reporting per jurisdictional "Storm Water Pollution Prevention Plan" requirements, in conformance with best practice, the jurisdictional entities, and as directed by CM during duration of this Subcontractor's work. SWPPP documents shall be kept in the Manhattan Designated Representative office. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|--|------------------------------|-----------------------------|

EARTHWORK

- | | | |
|---|------------------------------|-----------------------------|
| 17. Contractor shall be cognizant and recognize that various utilities, mechanical, plumbing, high and low voltage electrical and communication services will be required to be maintained operational during construction of the project in this same area, and contractor shall include all protection, barriers, partitions, etc.; provide all pot holing, hand loading and removal of waste debris and import of new materials as required so as to maintain operation of all existing components to remain, during and until new construction is complete. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 18. Clear, grub and remove all vegetation and trees including any stump and root removal. All vegetation/waste material to be removed and lawfully disposed offsite. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 19. Provide infill and compaction of all foundations of demolished structures with approved fill to existing grade. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Proposal Bid Form:

31.02

Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04

Tahlequah, OK

20. Strip and adequately stockpile acceptable topsoil. Stockpile location to be coordinated with Construction Manager prior to commencement. ___ Yes ___ No
21. Provide all on-site related earthwork and grading including cuts, undercuts, scarifying, proof rolling, import, materials, stabilization, hauling and disposal, fills, backfilling, compaction and finish grading. Perform all earthwork in accordance with identified grade contours, within indicated tolerances as indicated on the contract documents. Further, perform all site earthwork in accordance with and as required by the Geotechnical Engineering Report. ___ Yes ___ No
22. Coordinate sub-grade preparation with applicable engineer and associated Geotechnical Engineering report for soil material testing requirements. ___ Yes ___ No
23. Haul off and legally dispose all related earth spoils and excess materials. Stockpiling of unsuitable excavation materials and debris will not be permitted. Haul off spoils and unsuitable materials daily so directed by the CM. ___ Yes ___ No
24. Proof-roll, remove soft materials and replace, compact, test, scarify, moisture condition and re-compact, as required, all sub-grade in accordance with Geotechnical Engineering and per contract documents. ___ Yes ___ No
25. Provide all hand backfill, compaction and required grading against structures, walls, curbs, curb and gutter, sidewalks, all structures, all paving and miscellaneous items, as required. ___ Yes ___ No
26. Provide all pavement sub-grades including stabilized/select materials at depths indicated in accordance with specifications, plan notes, details, and Geotechnical Engineering. Extend stabilized sub-grade beyond pavements as required for incorporation of required curb and gutter. ___ Yes ___ No
27. Excavate or fill, proof roll, compact and grade all pavement, roads, parking areas sub-grade including select materials, crushed limestone at depths indicated, to required sub-grade elevations, and in accordance with specifications, plan notes, details, and Geotechnical Engineering Report. Extend stabilized subgrade beyond pavements as required for incorporation of required curb and gutter. Aggregate Base shall be blue topped to +/- 1/2 of 1-inch balanced to zero. ___ Yes ___ No
28. Excavate or fill, proof-roll, compact and grade all concrete sidewalk areas as indicated. Grade, compact and fine grade all sidewalk areas to subgrade elevations with acceptable compacted existing (on site) or engineered fill, for placement of 2" cushion course. (2" cushion by others) ___ Yes ___ No
29. Provide Riprap at all locations identified in the contract documents. Comply with all notes and details for a complete, turn-key installation. **Remove existing riprap in detention pond.** ___ Yes ___ No
30. Provide Gabion Gravity Walls at all locations identified on the contract documents. Comply with all notes and details for a complete, turn-key installation. See Sheet C5-501 for details. Excavate for Segmented Block Retaining Wall for installation and backfill by others. ___ Yes ___ No
31. Subcontractor shall include general cleanup of debris created by work scope, as directed. Trash shall be deposited in project dumpsters provided by others. All waste generated other than from general clean-up debris, shall be removed from site and legally disposed and not deposited into project dumpsters described above. ___ Yes ___ No

Proposal Bid Form:

31.02

Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

32. In accordance with local jurisdictions and to the satisfaction of the Manhattan Designated Representative, provide as on a regular basis, all required street cleaning during the course of operation of this scope of work. Clean streets as required such that roadways remain clean at all times without creation of mud / dust during street cleaning operations. Provide all required labor and equipment to adequately clean streets. Provide street sweeper as required for the performance of this subcontractor's work both on site and at remote disposal areas.

___ Yes ___ No

33. Provide as-built survey of existing site outlining all existing contours / finish grades and provide the as-built survey to Manhattan designated representative documenting existing conditions and any variances prior to starting any earthwork operations at the site.

___ Yes ___ No

34. Provide onsite water truck to mitigate all blowing dust and earthwork operations.

___ Yes ___ No

35. Deleted

SCOPE-SPECIFIC CLARIFICATIONS / EXCLUSIONS

1. Work in BP-01- North Parking Lot Package
2. Work in BP-02 - Elevator Work Package
3. Work in BP-03 - Early Utility Package
4. Site and Building Concrete
5. Utility Demolition
6. Utility Construction
7. Haul-off of Utility Spoils
8. Haul-off of Concrete Foundation Spoils
9. Landscaping
10. Segmented Block Retaining Wall Installation. (Gabion Retaining Wall to be Included)
11. Capillary drainage layer under slab-on-grade

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

6. Subcontractor shall warehouse or store, separate and clearly identify all materials or equipment purchased as **stored material** under this Subcontract in order for 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

Proposal Bid Form:

31.02

Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

- | | | |
|--|--|---|
| 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 9. Keep surrounding streets, drives, and parking areas free of dirt caused or created by the work of this bid package. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 12. Subcontractor will assist Manhattan with providing material quantities and cost breakdowns as required for the Owner's and Manhattan's budget requirements. All breakouts specified in this subcontract will be used for accounting purposes and tracking only. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 13. Subcontractor agrees to be bound by the Welcome Package issued by the Manhattan Field staff. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 14. Authorized Subcontractor supervision must be onsite while work is being performed. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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; | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Manhattan General Provisions 2012 | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit A - (Scope of Work) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit B - (Bond Forms) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit C - (Insurance Requirements / Sample) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit D - (Construction Documents) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit E - (Special Conditions) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit F - (Project Schedule) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit G - (Tax Exemption / ODP) (VOID) | <input checked="" type="checkbox"/> Yes | <input checked="" type="checkbox"/> No |
| Exhibit H - (Manhattan Additional Safety Requirements) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit I - (Specific Inclusions) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 16. Contractor will hold pricing for 60 Calendar Days from the date of submission of this proposal. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 18. Contractor shall provide a complete installation that complies with all applicable codes, ordinances and satisfying all Authorities Having Jurisdiction. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |

Proposal Bid Form:

31.02

Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04

Tahlequah, OK

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. Acknowledge and agree to Manhattan Target Schedule. Verify 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. Contractors 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)

%

Proposal Bid Form: 31.02 Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

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
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. (i.e. Journeyman straight time \$XX.XX and overtime \$XX.XX, Superintendent straight time \$XX.XX and overtime \$XX.XX, etc.) 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

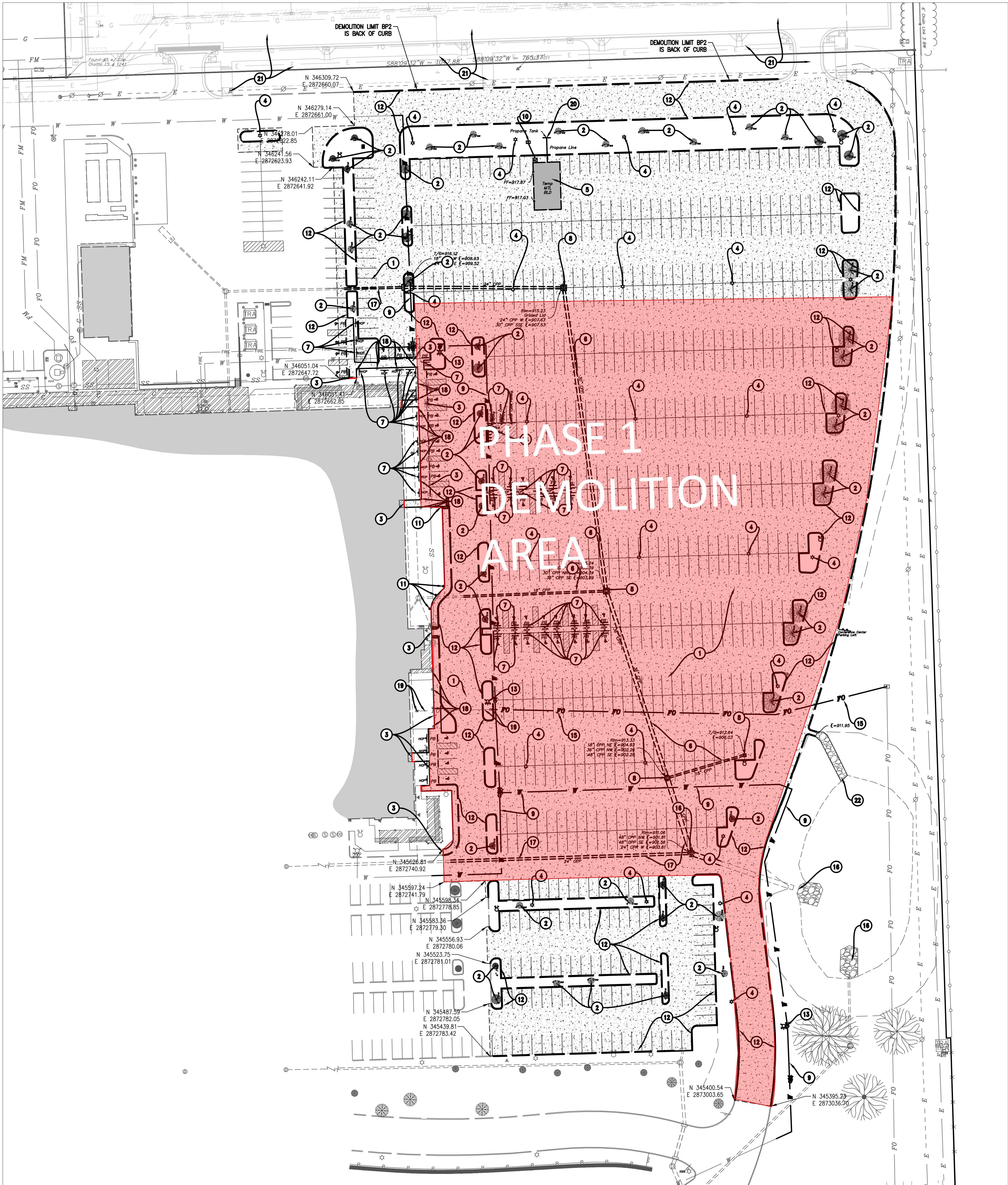
Proposal Bid Form: 31.02 Earthwork (Main Site)

8078 - New Cherokee Nation Hospital - BP04
Tahlequah, OK

Bid Envelope Contents Checklist:	
1. Completed Foreman Manhattan Bid Form / Scope Package Document (this document)	_____
2. Completed Non-Collusion Affidavit	_____
3. Completed Business Relationship Affidavit	_____
4. Bidder's Proposal / Scope Letter (Optional)	_____
5. Bonding Letter Indicating Single Project and Aggregate P&P Bonding Capacity	_____
6. Copy of Front and Back of TERO Certificate (TERO Bidders Only)	_____
7. USB Flash Drive containing a digital version of all envelope contents (One File in *.pdf format)	_____

~ END OF BID PACKAGE ~

10/21/2022 A:\2021\5123.21\03_DSGN\01_DWG\050_CIVIL\NC2-DEMO-5123.DWG



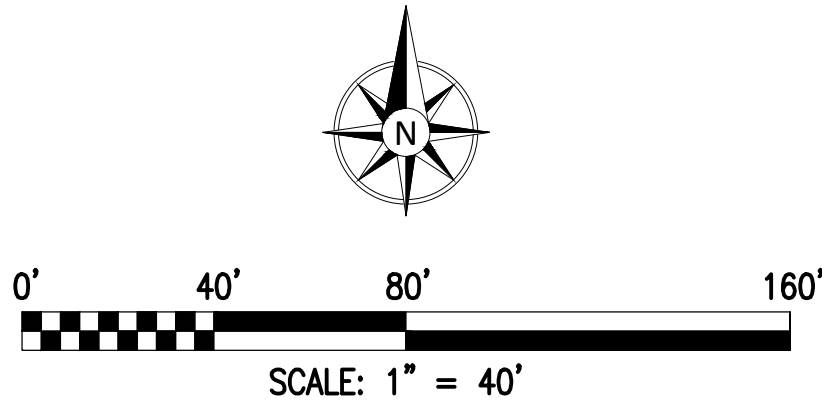
KEYNOTES	
1	SAWCUT AND REMOVE CONCRETE PAVEMENT.
2	REMOVE TREE AND ROOTS.
3	SAWCUT AND REMOVE CONCRETE SIDEWALK. CM SHALL SCHEDULE AND COORDINATE THE SIDEWALK REMOVAL WITH OWNER AND THE CONSTRUCTION PHASES TO MAXIMIZE THE PERIOD PEDESTRIANS HAVE USE OF A PAVED ACCESS AND EGRESS FROM THE EXISTING CLINIC.
4	REMOVE LIGHT POLE AND BASE. PRESERVE, PROTECT, AND STORE LIGHT POLE FOR RELOCATION. REFER TO ELECTRICAL SITE PLAN FOR LOCATIONS. THE UNDERGROUND ELECTRICAL CIRCUIT TO THE REMAINING LIGHT POLES SHALL BE RE-ESTABLISHED TO SUPPLY POWER TO THE REMAINING SITE LIGHTS.
5	TEMPORARY BUILDING WILL BE REMOVED BY OWNER.
6	REMOVE STORM DRAIN PIPE. SEE C6 SERIES OF SHEETS FOR STORM SEWER RELOCATION DRAWINGS FOR REMOVAL AND RELOCATION OF STORM DRAIN PIPE AND STRUCTURES.
7	REMOVE SIGN. PRESERVE, PROTECT, AND STORE SIGN TO RELOCATE IN NEW LOCATION. REFER TO SITE SIGNAGE PLAN IN FUTURE BID PACKAGE FOR LOCATIONS.
8	REMOVE STORM DRAIN MANHOLE/INLET/STRUCTURE. SEE C6 SERIES OF SHEETS FOR STORM SEWER RELOCATION DRAWINGS FOR REMOVAL AND RELOCATION OF STORM DRAIN PIPE AND STRUCTURES.
9	REMOVE WATER LINE. SEE C7 SERIES OF SHEETS FOR CONSTRUCTION DRAWINGS FOR WATER LINE RELOCATION AND NEW WATER LINES.
10	REMOVE UNDERGROUND ELECTRICAL LINE. THE UNDERGROUND ELECTRICAL CIRCUIT TO THE REMAINING LIGHT POLES SHALL BE RE-ESTABLISHED TO SUPPLY POWER TO THE REMAINING SITE LIGHTS.
11	REMOVE BOLLARDS.
12	REMOVE CONCRETE BARRIER CURB AND GUTTER
13	REMOVE FIRE HYDRANT. PRESERVE, PROTECT, AND STORE HYDRANT TO RELOCATE. SEE WATER LINE CONSTRUCTION DRAWINGS FOR WATER LINE RELOCATION AND NEW WATER LINES. SEE C4 UTILITY PLAN SHEETS FOR THE LOCATION OF REUSED HYDRANTS.
14	REMOVE, STORE, AND PRESERVE BICYCLE RACKS FOR REUSE.
15	REMOVE COMMUNICATION CONDUITS FROM THE BUILDING FOOTPRINT. CONDUITS ABANDONED IN PLACE SHALL BE FILLED WITH FLOWABLE FILL MATERIAL. SEE C4 SERIES OF UTILITY PLANS FOR NEW COMMUNICATION CONDUITS AND PULL-BOXES.
16	EXISTING STORM DRAIN MANHOLE/INLET/STRUCTURE TO BE PRESERVED. SEE C6 SERIES OF SHEETS FOR STORM SEWER RELOCATION DRAWINGS.
17	REMOVE PORTIONS OF STORM DRAIN PIPE. REFER TO C6 SERIES OF SHEETS FOR STORM DRAIN RELOCATION DRAWINGS.
18	PROTECT BOLLARDS.
19	PRESERVE AND PROTECT EXISTING FIBER PULL BOX AND CONDUITS INTO CLINIC.
20	PROPANE TANK WILL BE REMOVED BY OWNER.
21	SEE BID PACKAGE 1 FOR DEMOLITION, UTILITY RELOCATION, NEW UTILITIES AND SITE WORK CONSTRUCTION FOR THE NORTH PARKING LOT.
22	REMOVE STONE RIP RAP AND GEOTEXTILE FILTER FABRIC.

DEMOLITION PLAN NOTES

- A. CM SHALL CONTACT OKIE (811 OR 1-800-522-OKIE) PRIOR TO CONSTRUCTION FOR LOCATING EXISTING UTILITIES.
- B. THE UNDERGROUND UTILITIES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED FROM FIELD SURVEY SURFACE INFORMATION AND EXISTING DRAWINGS. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. THE UNDERGROUND UTILITIES ARE LOCATED AS ACCURATELY AS POSSIBLE FROM INFORMATION AVAILABLE. HOWEVER, ENGINEER AND SURVEYOR FURTHER DO NOT GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED EITHER VERTICALLY OR HORIZONTALLY. ENGINEER AND SURVEYOR HAVE NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES BY PROBING, EXCAVATING, HYDROWAC, OR BY ANY OTHER MEANS.
- C. CM SHALL NOTIFY ALL UTILITY COMPANIES AND GOVERNMENTAL AGENCIES WHO MAY HAVE UTILITY LINES ON OR ABOUT THE PREMISES OR WHO MAY BE AFFECTED BY THE CONSTRUCTION. NOTICE SHALL BE GIVEN NO LESS THAN TWENTY-FOUR HOURS PRIOR TO ANY WORK THAT MAY INTERFERE WITH A UTILITY.
- D. ALL EXISTING BUILDINGS, STRUCTURES, PAVEMENTS, IMPROVEMENTS, AND UTILITIES DESIGNATED TO REMAIN OR NOT DESIGNATED TO BE REMOVED SHALL BE ADEQUATELY PROTECTED FROM DAMAGE THAT MIGHT OTHERWISE OCCUR DUE TO CONSTRUCTION OPERATIONS. WHERE CONSTRUCTION COMES NEAR EXISTING BUILDINGS, STRUCTURES, PAVEMENTS, IMPROVEMENTS, UTILITIES OR APPURTENANCES, OR IF IT BECOMES NECESSARY TO MOVE SERVICES, POLES, GUY WIRES, PIPE LINES OR OTHER OBSTRUCTIONS, CM SHALL NOTIFY AND COOPERATE WITH THE OWNER OF THE UTILITY, STRUCTURE, OR APPURTENANCE. THE UTILITY LINES AND OTHER EXISTING STRUCTURES SHOWN ON THE PLANS ARE FOR INFORMATION ONLY AND ARE NOT GUARANTEED TO BE COMPLETE OR ACCURATE AS TO LOCATION AND/OR DEPTH. CM SHALL BE LIABLE FOR DAMAGE TO ANY BUILDINGS, STRUCTURES, PAVEMENTS, IMPROVEMENTS, UTILITIES RESULTING FROM THE CM'S OPERATIONS. DURING CONSTRUCTION, ALL FIRE HYDRANTS, VALVE BOXES, TRAFFIC SIGNALS, FIRE OR POLICE CALL BOXES AND OTHER EXISTING UTILITY CONTROLS SHALL BE LEFT INTACT, UNOBTURATED AND ACCESSIBLE UNLESS NOTED ON THE PLAN.
- E. CM SHALL SATISFY THEMSELVES AS TO THE ACTUAL EXISTING SUBSURFACE CONDITIONS, INCLUDING BUT NOT LIMITED TO THE DEPTH, LOCATION AND SIZES OF PIPE OR CONDUITS OF VARIOUS KINDS IN PLACE PRIOR TO BEGINNING WORK. WHERE THE EXACT DEPTH OF ANY UTILITY OR OBSTRUCTION IS NOT SHOWN ON A PLAN, EXCAVATION SHALL BE MADE PRIOR TO REACHING THE OBSTRUCTION IN ORDER TO DETERMINE ADJUSTMENTS IN GRADE IF NEEDED TO PREVENT INTERFERENCE. REDESIGN TO ELIMINATE CONFLICTS MAY BE NECESSARY.
- F. NOTIFY ENGINEER OF DISCREPANCIES BETWEEN EXISTING CONDITIONS AND DRAWINGS BEFORE PROCEEDING WITH SELECTIVE DEMOLITION.
- G. IF CM ENCOUNTERS A HAZARDOUS ENVIRONMENTAL CONDITION OR IF CM OR ANYONE FOR WHOM CM IS RESPONSIBLE CREATES A HAZARDOUS ENVIRONMENTAL CONDITION, CM SHALL IMMEDIATELY: (i) SECURE OR OTHERWISE ISOLATE SUCH CONDITION; (ii) STOP ALL WORK IN CONNECTION WITH SUCH CONDITION AND IN ANY AREA AFFECTED THEREBY (EXCEPT IN AN EMERGENCY); AND (iii) NOTIFY OWNER AND ENGINEER (AND PROMPTLY THEREAFTER CONFIRM SUCH NOTICE IN WRITING). OWNER SHALL PROMPTLY CONSULT WITH ENGINEER CONCERNING THE NECESSITY FOR OWNER TO RETAIN A QUALIFIED EXPERT TO EVALUATE SUCH CONDITION OR TAKE CORRECTIVE ACTION, IF ANY.
- H. UNLESS OTHERWISE SPECIFIED, ALL EXCAVATION IS UNCLASSIFIED AND SHALL INCLUDE ALL MATERIALS ENCOUNTERED.
- I. CM SHALL SATISFY THEMSELVES AS TO THE ACTUAL EXISTING SUBSURFACE CONDITIONS, INCLUDING BUT NOT LIMITED TO THE DEPTH, LOCATION AND SIZES OF PIPE OR CONDUITS OF VARIOUS KINDS IN PLACE, WHERE THE EXACT DEPTH OF ANY UTILITY OR OBSTRUCTION IS NOT SHOWN ON A PLAN, EXCAVATION SHALL BE MADE PRIOR TO REACHING THE OBSTRUCTION IN ORDER TO DETERMINE ADJUSTMENTS IN GRADE IF NEEDED TO PREVENT INTERFERENCE. REDESIGN TO ELIMINATE CONFLICTS MAY BE NECESSARY.
- J. CM SHALL BE RESPONSIBLE FOR CLEARING AND GRUBBING THE SITE. UNSUITABLE EXCAVATED MATERIALS AND ALL WASTE RESULTING FROM CLEARING AND GRUBBING SHALL BE DISPOSED OFF-SITE.
- K. THE REMOVAL OF ANY UTILITY LINE, SERVICE, APPURTENANCE, AND STRUCTURE SHALL BE COORDINATED WITH THE OWNER OF THE RESPECTIVE UTILITY.
- L. ALL PAVEMENT REMOVAL CONTIGUOUS TO PAVEMENT REMAINING SHALL BE SAVED IN STRAIGHT LINES TO THE FULL DEPTH OF THE EXISTING PAVEMENT.
- M. ALL DEBRIS FROM REMOVAL OPERATIONS SHALL BE REMOVED FROM THE SITE AT THE TIME OF EXCAVATION. STOCKPILING OF DEBRIS SHALL NOT BE PERMITTED.
- N. CM SHALL BACKFILL ANY VOIDS RESULTING FROM STRUCTURES, VEGETATION, AND OBJECTS REMOVED. FILL SHALL BE PLACED IN MAXIMUM 6" LIFTS AND COMPACTED TO A DRY DENSITY OF AT LEAST 98% OF THE MAXIMUM DRY DENSITY OBTAINED BY THE STANDARD COMPACTION TEST (ASTM D-698) AT A WATER CONTENT WITHIN 3% OF THE OPTIMUM.

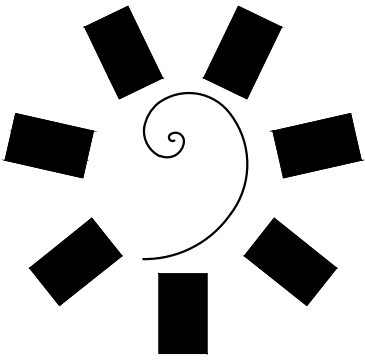
RELATED SHEETS

- A. SEE THE C4 SERIES OF SHEETS FOR UTILITY CONSTRUCTION.
- B. SEE THE C6 SERIES OF SHEETS FOR STORM DRAIN CONSTRUCTION.
- C. SEE THE C7 SERIES OF SHEETS FOR WATER CONSTRUCTION.
- D. SEE THE C8 SERIES OF SHEETS FOR SEWER CONSTRUCTION. THE C8 SEWER CONSTRUCTION SHEETS WILL BE ISSUED IN A FUTURE BID PACKAGE.

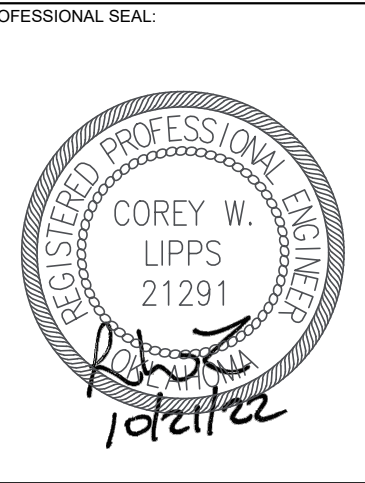


UTILITY WARNING:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

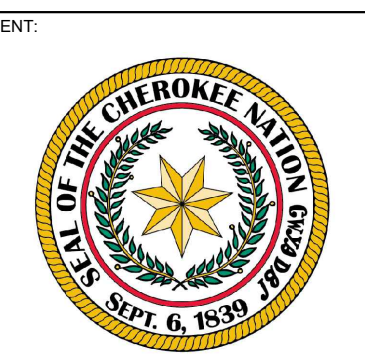
UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



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Oklahoma CA #4635, Expires 6/30/2023



CHEROKEE NATION
W.W. HASTINGS REPLACEMENT HOSPITAL
TAHLEQUAH, OKLAHOMA

KEY PLAN:	A1	A2
	B1	B2
	C1	C2

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

REVISIONS	

JOB NUMBER: 21-08.21
DATE: 10-21-2022
SHEET NUMBER:

C2-101

SHEET TITLE:
OVERALL DEMOLITION VIEW

Proposal Bid Form:

33.03

Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities

Tahlequah, OK

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

CONTACT NAME:

ADDRESS:

PHONE NUMBER:

EMAIL:

SIGNATURE:

LINE ITEMS

Description	Extended Cost
PROJECT BREAK-OUT (Including Sales Tax)	
1. Remaining Storm Sewer Utilities	\$
2. Remaining Water Line Utilities	\$
BASE BID (TOTAL OF ABOVE ITEMS):	\$

ALTERNATES:

ALT 1 - CIP INSURANCE - 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.

\$

Proposal Bid Form:

33.03 Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities
Tahlequah, OK

UNIT PRICES:

UP-01 - Rock Excavation - Trench

\$	Per CUYD
----	----------

MULTI-PACKAGE DISCOUNT:

If multiple bid packages are awarded to your company, apply the following discount. Discounts will be taken

(\$)
-----	---

Bid Package Number: Description (Write Above)

Discount

INCLUSIONS:

APPLICABLE SPECIFICATION SECTIONS:

- DIVISION 00 - FOREMAN MANHATTAN'S CONSTRUCTION MANAGER'S BID MANUAL (COMPLETE)
- DIVISION 00 - PROCUREMENT AND CONTRACTING REQUIREMENTS (Pertinent portions applicable to the WORK)
- DIVISION 01 - GENERAL REQUIREMENTS (Pertinent portions applicable to the WORK)
- 02 00 00 - 46 00 00 - SPECIFICATION SECTIONS (Pertinent portions applicable to the WORK)
- 02 41 13 - Selective Site Demolition (Pertinent portions applicable to the WORK)
- 31 23 00 - Excavation and Fill (Pertinent portions applicable to the WORK)
- 33 10 00 - Water Utilities (Pertinent portions applicable to the WORK)
- 33 30 00 - Sanitary Sewerage Utilities (COMPLETE)
- 33 31 00 - Sanitary Sewerage Force Main Piping (COMPLETE)
- 33 40 00 - Storm Drainage Utilities (COMPLETE)
- 33 46 00 - Subdrainage (COMPLETE)

Mark "Yes" or "No" To All:

- | | |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |

SCOPE OF WORK:

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 Remaining Site Utilities 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.

Mark "Yes" or "No" To All:

- | | |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> 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.

- | | |
|------------------------------|-----------------------------|
| <input type="checkbox"/> Yes | <input type="checkbox"/> No |
|------------------------------|-----------------------------|

Proposal Bid Form:

33.03

Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities
Tahlequah, OK

GENERAL UTILITIES:

1. Provide all Site Utility and Utility IDP material and labor, including excavation, utility earthwork, backfill, compaction, borings, import, bedding materials, piping, utility structures, tracer wire, and hand work in accordance with identified grade contours, within indicated tolerances and as specified. All backfill material shall be in accordance with the Geotechnical Report. ___ Yes ___ No
2. Contractor shall be cognizant and recognize that various utilities, exist and will be required to be maintained operational during construction of the project in this same area, and contractor shall provide all protection including but not limited to barriers, partitions, hand digging, loading and removal of waste debris and import of new materials as required so as to maintain operation of all existing components to remain, during and until new construction is complete. Provide all temporary piping and incidentals to maintain functioning existing utility systems for continued operation due to scheduling and phasing requirements. ___ Yes ___ No
3. Provide all Right-of-Way Permits for all work in the City Right-of-Way. ___ Yes ___ No
4. Provide in compliance with all rules and regulations; all coordination, obtaining and payment for all permits, licenses, testing, inspections, approvals, certifications, demolition waste and debris, etc. as may be required for work of this contract. ___ Yes ___ No
5. Provide all trench protection measures and open excavations including sheeting, shoring, barricaded, protected, and provided approved railing at all times as required per OSHA and other governing authorities. Provide all design performance requirements including analysis data, signed and sealed by a qualified professional engineer licensed in the State of Oklahoma. Additionally all open excavations shall be barricaded, protected, and provided approved railing at all times as required by OSHA and all authorities having jurisdiction. ___ Yes ___ No
6. Locate, mark and protect all existing utilities indicated to remain. ___ Yes ___ No
7. Provide all surveying, layout and staking that pertains to this scope. ___ Yes ___ No
8. Provide road boring(s) and casings if required for the installation of the utilities. ___ Yes ___ No
9. All taps, connections, test stations, trust blocking and anchors to utilities to be made by this contractor. Coordinate with plumbing contractor for tie-ins to building utilities. ___ Yes ___ No
10. Adjust all clean out rims, manhole covers and valve and meter boxes to finished grade. ___ Yes ___ No
11. Provide all granular/aggregate backfill required at trenches, under concrete paving, curb & gutter, and sidewalks replaced by this contractor as indicated on the contract documents. ___ Yes ___ No
12. Provide all tracing wires and warning tapes as indicated and required. ___ Yes ___ No
13. Provide all pumping, dewatering, and mucking of utility trenches. ___ Yes ___ No
14. All utility systems are to be installed per governing authorities and shall include all utility company service and installation charges, permits and costs thereof, cleaning and sterilization, testing, flushing, inspections and required earthwork for burial, piping, connections, devices, etc. as required for complete services. ___ Yes ___ No
15. Provide required provisions per EPA guidelines for Storm Water Pollution control as applicable to utility systems, and as required for the work of this package. ___ Yes ___ No
16. Haul off and legally dispose all related utility related debris, earth spoils and excess materials. Stockpiling of unsuitable excavation materials and debris will not be permitted. Haul off spoils and unsuitable materials daily as directed by the CM. ___ Yes ___ No
17. Provide all valves, taps, connections and meters not provided by utility agencies. ___ Yes ___ No
18. Provide all clean-out base pads as required and or as indicated per documents. ___ Yes ___ No
19. Comply with all "General Utility Notes" included in contract documents. ___ Yes ___ No
20. Coordinate all work with utility companies/agencies and CM as required. Where utility cutting, capping, or plugging is required, perform such work in accordance with requirements of the utility company or governmental agency having jurisdiction. ___ Yes ___ No

Proposal Bid Form:

33.03 Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities

Tahlequah, OK

- | | | |
|--|---------|--------|
| 21. All waste concrete and concrete truck wash-out are to be confined to an area as approved in writing by the Construction Manager. This contractor shall remove all wash-out and waste material from site and legally dispose. | ___ Yes | ___ No |
| 22. Contractor shall be responsible for all required daily clean-up, protection and restoration of all public and private property during the performance of Contractor's work. Restore areas as indicated per documents and/or in accordance with jurisdictional requirements immediately following completion of the work. | ___ Yes | ___ No |
| 23. In accordance with local jurisdictions and to the satisfaction of the Construction Manager, provide as on a regular bases, all required street cleaning during the course of operation of this scope of work. Clean streets as required such that roadways remain clean at all times. Provide street sweeper as needed. | ___ Yes | ___ No |
| 24. Locate, mark and protect all existing utilities line indicated to remain. Pothole exploration will be utilized as necessary. | ___ Yes | ___ No |
| 25. Provide all field engineering and layout from benchmarks and base building control (benchmarks and baseline control is furnished by others). This Subcontractor 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 work package. | ___ Yes | ___ No |

REMAINING WATER UTILITIES:

- | | | |
|--|---------|--------|
| 1. In order to facilitate the project schedule, all water utility submittals shall be provided within two weeks of notice of award. | ___ Yes | ___ No |
| 2. Provide remaining domestic water service, complete. | ___ Yes | ___ No |
| 3. Provide remaining fire water service, complete. | ___ Yes | ___ No |
| 4. Provide all valves, vaults, manholes, detector checks, area hydrants, fire hydrants, flushing hydrants, post indicator valves, housings, structures, grates, frames, thrust blocks, lamp holes, clean-outs, collars, including concrete aprons and any and all appurtenances necessary for complete systems and/or for future work. | ___ Yes | ___ No |
| 5. Coordinate removal and installation of water lines to not interrupt water service to the existing adjacent clinic which it currently serves. | ___ Yes | ___ No |
| 6. Provide necessary trenching as needed to complete the remaining site utility water line work indicated. The trench shall be back filled to the existing elevation by this contractor. | ___ Yes | ___ No |
| 7. Where ductile iron is specified, due to unforeseen long lead times, provide a revised pipe material of C900 DR18 at all locations where 16" Ductile Iron pipe is currently shown. Include mechanical joint restraints, Megalug, on C900 DR18 Water Lines. All accessories (Bends, Valves, Reducers, Sleeves, Tees, etc.) shall be included in the same locations, types, and quantities as shown – but size shall be adjusted accordingly for the new pipe type. All other water lines in this scope shall remain as designed (SDR21 6", 8", 12" etc. Class 200 PVC). REVISED 1/03/23 | ___ Yes | ___ No |
| 8. Due to unforeseen long lead times for the specified 16" AVK valves, provide AVK Manual Bevel Gearing Gate Valves (AVK DS S753/X) for the 16" water line system. REVISED 1/03/23 | ___ Yes | ___ No |

REMAINING STORM DRAINAGE UTILITIES:

- | | | |
|--|---------|--------|
| 1. In order to facilitate the project schedule, all stormwater utility submittals shall be provided within two weeks of notice of award. | ___ Yes | ___ No |
| 2. Provide all remaining site utility structures, including but not limited to manholes, junction boxes, trench drains, drain inlets, curb and area inlets including all gratings, frames and all other requirements indicated and required for complete, operable and approved systems. | ___ Yes | ___ No |
| 3. Provide all valves, detector checks, backflow preventers, housings, structures, thrust blocks, clean-outs, collars, including concrete aprons and any and all appurtenances necessary for complete remaining site utility systems. | ___ Yes | ___ No |
| 4. Provide remaining site utility Storm Drainage system, complete. | ___ Yes | ___ No |

Proposal Bid Form:

33.03 Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities
Tahlequah, OK

- | | | |
|---|---------|--------|
| 5. Provide necessary trenching as needed to complete the remaining site utility storm line work indicated. The trench shall be back filled to the existing elevation by this contractor. | ___ Yes | ___ No |
| 6. Provide all leaders from storm line in Bid Package 2 for the roof and foundation drains. Include all connections, and capping as required including tees and caps for future work (Planter drainage). REVISED 1/03/23 | ___ Yes | ___ No |
| 7. Provide all CUP & Building foundation drainage, complete. REVISED 1/03/23 | ___ Yes | ___ No |
| 8. Provide storm structure 42 and 43 and associated RCP as shown on Sheet C6-102 as issued in RFI PC-018. | ___ Yes | ___ No |

SCOPE-SPECIFIC CLARIFICATIONS / EXCLUSIONS

1. Exclude all work in the North Parking Lot (Bid Package 01)
2. Exclude all work in phase 1 early site utilities (Bid Package 02)
3. Exclude all sanitary sewer.
4. Exclude all natural gas.
5. Excluded oxygen line.
6. Exclude all planter drainage pipe. (Provide tees, connections and caps as necessary for future work.) REVISED 1/03/23
7. Exclude all site utility demolition. (Provided by others)
8. Exclude all paving demolition. (Provided by others)
9. Exclude loading dock trench drains (Provide connections only)
10. Exclude all cast in place concrete wingwalls. (Provided by others)
11. Excluded all stone rip-rap. (Provided by others)
12. Exclude all seatwall foundation drainage. REVISED 1/03/23
13. Exclude all retaining wall foundation drainage. REVISED 1/03/23
14. Exclude trench drain. (Provide connection) REVISED 1/03/23

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 |
| 6. Subcontractor shall warehouse or store, separate and clearly identify all materials or equipment purchased as stored material under this Subcontract in order for 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 |

Proposal Bid Form:

33.03 Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities
Tahlequah, OK

- | | | |
|--|------------------------------|-----------------------------|
| 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 12. Subcontractor will assist Manhattan with providing material quantities and cost breakdowns as required for the Owner's and Manhattan's budget requirements. All breakouts specified in this subcontract will be used for accounting purposes and tracking only. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 13. Subcontractor agrees to be bound by the Welcome Package issued by the Manhattan Field staff. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 14. Authorized Subcontractor supervision must be onsite while work is being performed. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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; | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Manhattan General Provisions 2012 | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit A - (Scope of Work) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit B - (Bond Forms) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit C - (Insurance Requirements / Sample) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit D - (Construction Documents) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit E - (Special Conditions) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit F - (Project Schedule) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit G - (Not Used) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit H - (Manhattan Additional Safety Requirements) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| Exhibit I - (Specific Inclusions) | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 16. Contractor will hold pricing for 60 Calendar Days from the date of submission of this proposal. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 18. Contractor shall provide a complete installation that complies with all applicable codes, ordinances and satisfying all Authorities Having Jurisdiction. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> No |
| 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. | <input type="checkbox"/> Yes | <input type="checkbox"/> 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: | <input type="checkbox"/> Yes | <input type="checkbox"/> 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.

Proposal Bid Form:

33.03

Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities
Tahlequah, OK

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. Acknowledge and agree to Manhattan Target Schedule. Verify 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. Contractors will be required to maintain wage rates paid to employees and have reports available upon request.
31. Contractor acknowledges all addenda? ___ Yes ___ No
- Addendum #'s: _____
32. Contractor acknowledges all Foreman Manhattan CM Clarifications? ___ Yes ___ No
- CM Clarification #'s: _____

BOND INFORMATION:

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

%

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.

Proposal Bid Form:

33.03

Remaining Site Utilities

8078 - New Cherokee Nation Hospital - BP04 Concrete, Earthwork & Remaining Utilities

Tahlequah, OK

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

Bid Envelope Contents Checklist:

1. Completed Foreman Manhattan Bid Form / Scope Package Document (this document) _____
2. Completed Non-Collusion Affidavit _____
3. Completed Business Relationship Affidavit _____
4. Bidder's Proposal / Scope Letter (Optional) _____
5. Bonding Letter Indicating Single Project and Aggregate P&P Bonding Capacity _____
6. Copy of Front and Back of TERO Certificate (TERO Bidders Only) _____
7. USB Flash Drive containing a digital version of all envelope contents (One File in *.pdf format) _____

~ END OF BID PACKAGE ~

FOREMAN | MANHATTAN

Construction Team

RFI #PC-014

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
19780 E. Ross Street
Tahlequah, Oklahoma 74464

Pavement Sections

TO:	Mathew Thomas (Childers Architect) Corey Lipps (Parkhill)	FROM:	Doug Peterson (Manhattan - Tulsa) 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	01/03/ 2023	STATUS:	
LOCATION:		HOT RFI:	No
COST CODE:		DUE DATE:	01/08/2023
COST IMPACT:		REFERENCE:	
SCHEDULE IMPACT:		SPEC SECTION:	
DRAWING NUMBER:	C3-501		
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Doug Peterson (Manhattan - Tulsa) at 11:23 AM on 01/03/2023

Please provide paving sections for Light Duty, Medium Duty, and Non-reinforced Heavy Duty Paving

Official Response: Corey Lipps (**Parkhill**) responded on Monday, January 9th, 2023 at 10:12AM CST

See C3-504 Bid Package 4.

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**), Corey Lipps (**Parkhill**), 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-015

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
19780 E. Ross Street
Tahlequah, Oklahoma 74464

Specification 33 41 00

TO:	Mathew Thomas (Childers Architect) Corey Lipps (Parkhill)	FROM:	Doug Peterson (Manhattan - Tulsa) 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	01/03/ 2023	STATUS:	
LOCATION:		HOT RFI:	No
COST CODE:		DUE DATE:	01/08/2023
COST IMPACT:		REFERENCE:	
SCHEDULE IMPACT:		SPEC SECTION:	
DRAWING NUMBER:	C6-511		
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Doug Peterson (Manhattan - Tulsa) at 01:02 PM on 01/03/2023

Please provide specification 33 41 00 as identified on Sheet C6-511, Detail 1

Official Response: Corey Lipps (**Parkhill**) responded on Monday, January 9th, 2023 at 10:09AM CST

The note should be

"Class A Concrete per Section 32 1300 of the project specifications"

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**), Corey Lipps (**Parkhill**), Ruel Mendoza (**Childers Architect**), Kevin Ogle (**CNE/CNB**), Mike Owen (**Direct 2 Completion**), Doug Peterson (**Manhattan - Tulsa**)

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FOREMAN | MANHATTAN

Construction Team

RFI #PC-017

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
19780 E. Ross Street
Tahlequah, Oklahoma 74464

Stone Seatwall Foundation Drain

TO:	Corey Lipps (Parkhill) Scott Hobson (Howard-Fairbairn Site Design, Inc.) Mathew Thomas (Childers Architect)	FROM:	Michael Flaherty (Manhattan - Tulsa) 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	01/03/2023	STATUS:	
LOCATION:		HOT RFI:	No
COST CODE:		DUE DATE:	01/08/2023
COST IMPACT:		REFERENCE:	
SCHEDULE IMPACT:		SPEC SECTION:	
DRAWING NUMBER:	HA1.2		
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Michael Flaherty (Manhattan - Tulsa) at 04:05 PM on 01/03/2023

Re: Sheet HA1.2 - There is a Stone Seat Wall on the south east corner of the building with a note for Schedule 40 PVC Pipe referencing "Detail X/XX."
1. Confirm this X/XX Reference should be 1/HA2.1
2. 1/HA2.1 does not show a drain pipe at the Seat Wall. Is a drain pipe required at the Seat Wall?

Official Response: Scott Hobson (Howard-Fairbairn Site Design, Inc.) responded on Tuesday, January 10th, 2023 at 9:02AM CST

Reference to the updated Addendum No. 4 submitted January 6th. The perforated drain pipe is designated for the building foundation and has been referenced on detail 7/HA2.1. The stone seatwall is a freestanding wall so at this point there is not a perforated drain pipe intended to be provided for the seatwall. The stone seatwall references 1/HA2.1.

Attachments:

COPIES TO:

Jon Asbill (Cherokee Nation), Shane Boren (Childers Architect), Jessie Brackett (Cherokee Nation Property Management), Ben Cain (Manhattan - Tulsa), James Carter (CNE/CNB), Breck Childers (Childers Architect), Jeremy Cochran (Childers Architect), Marissa Conover (HP Engineering), Patrick Day (Manhattan - Tulsa), Maggie Dillard (Childers Architect), Justin Edmonds (Manhattan - Tulsa), Michael Flaherty (Manhattan - Tulsa), Patrick Fogarty (Manhattan - Tulsa), Kenny Foreman (Foreman Manhattan), W.C. Gernandt (Direct 2 Completion), David Hale (Manhattan - Tulsa), David Hassett (Direct 2 Completion), Ruel Mendoza (Childers Architect), Sam O'Neal (Direct 2 Completion), Kevin Ogle (CNE/CNB), Mike Owen (Direct 2 Completion), Doug Peterson (Manhattan - Tulsa), Dexton Robertson (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-018

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
19780 E. Ross Street
Tahlequah, Oklahoma 74464

Storm Inlet and Pipe - Unidentified

TO:	Mathew Thomas (Childers Architect) Corey Lipps (Parkhill)	FROM:	Michael Flaherty (Manhattan - Tulsa) 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	01/03/ 2023	STATUS:	
LOCATION:		HOT RFI:	No
COST CODE:		DUE DATE:	01/08/2023
COST IMPACT:		REFERENCE:	
SCHEDULE IMPACT:		SPEC SECTION:	
DRAWING NUMBER:	C4-106		
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Michael Flaherty (Manhattan - Tulsa) at 04:14 PM on 01/03/2023

Re: C4-106

There is a new Curb Inlet (Note 7.08) and a Manhole (Note 7.10) on the south west side of this sheet which does not show up on the C6 Series of Drawings (Storm System).

Please confirm if these items are required to be installed. If so, please provide details on C6 Drawings similar to the rest of the new storm system.

Official Response: Corey Lipps (Parkhill) responded on Tuesday, January 10th, 2023 at 3:39PM CST

See attached revised sheet C6-102.

Attachments:

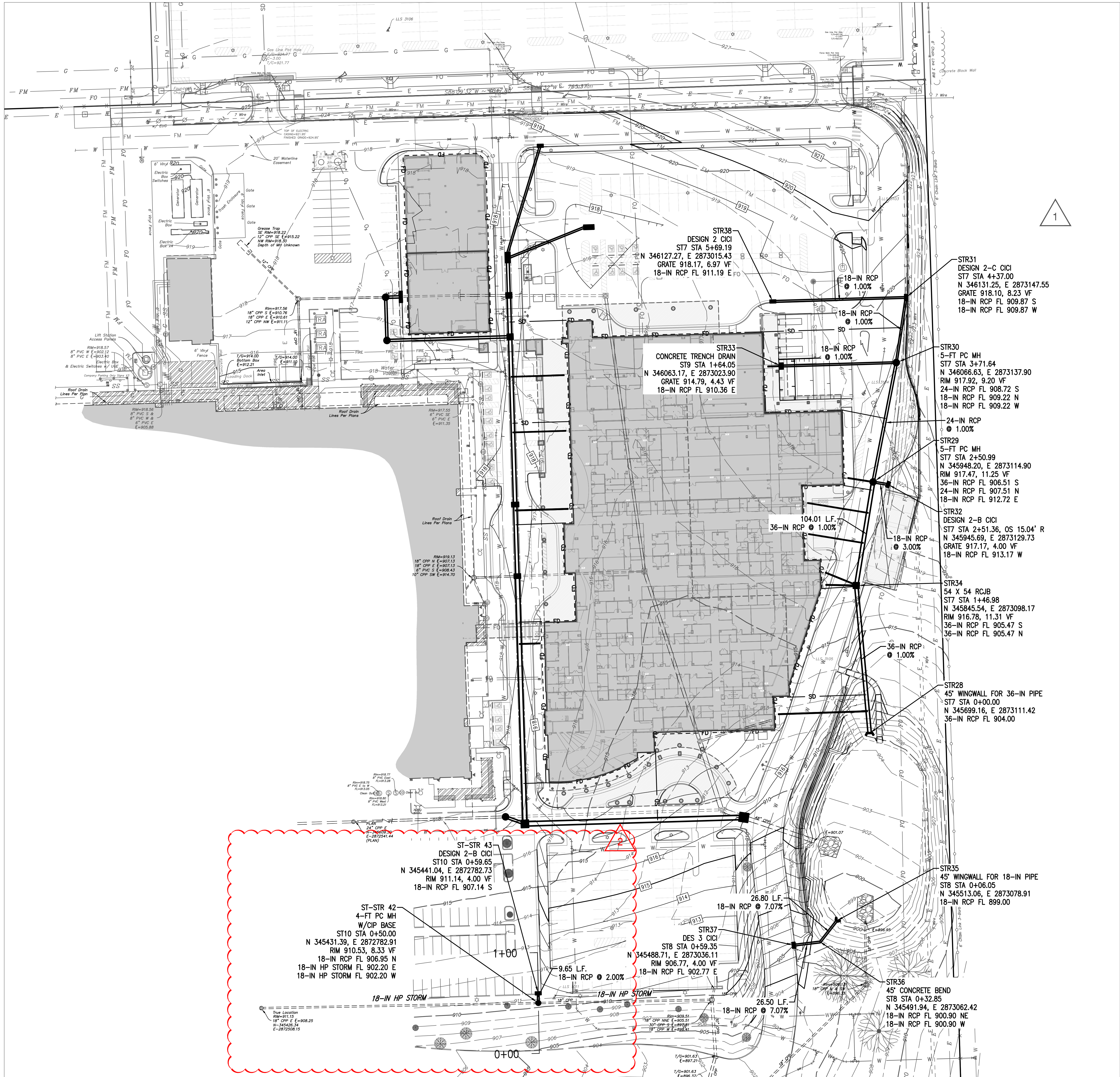
[C6-102 23 0110 RFI PC-018 - Storm Drain Plan - 5123.pdf](#)

COPIES TO:

Jon Asbill (Cherokee Nation), Shane Boren (Childers Architect), Jessie Brackett (Cherokee Nation Property Management), Ben Cain (Manhattan - Tulsa), James Carter (CNE/CNB), Breck Childers (Childers Architect), Jeremy Cochran (Childers Architect), Marissa Conover (HP Engineering), Patrick Day (Manhattan - Tulsa), Maggie Dillard (Childers Architect), Justin Edmonds (Manhattan - Tulsa), Michael Flaherty (Manhattan - Tulsa), Patrick Fogarty (Manhattan - Tulsa), Kenny Foreman (Foreman Manhattan), W.C. Germandt (Direct 2 Completion), David Hale (Manhattan - Tulsa), David Hassett (Direct 2 Completion), Ruel Mendoza (Childers Architect), Sam O'Neal (Direct 2 Completion), Kevin Ogle (CNE/CNB), Mike Owen (Direct 2 Completion), Doug Peterson (Manhattan - Tulsa), Dexton Robertson (Manhattan - Tulsa)

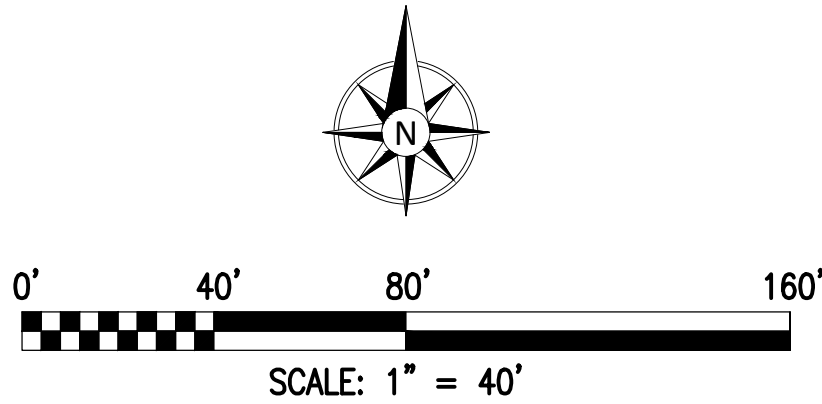
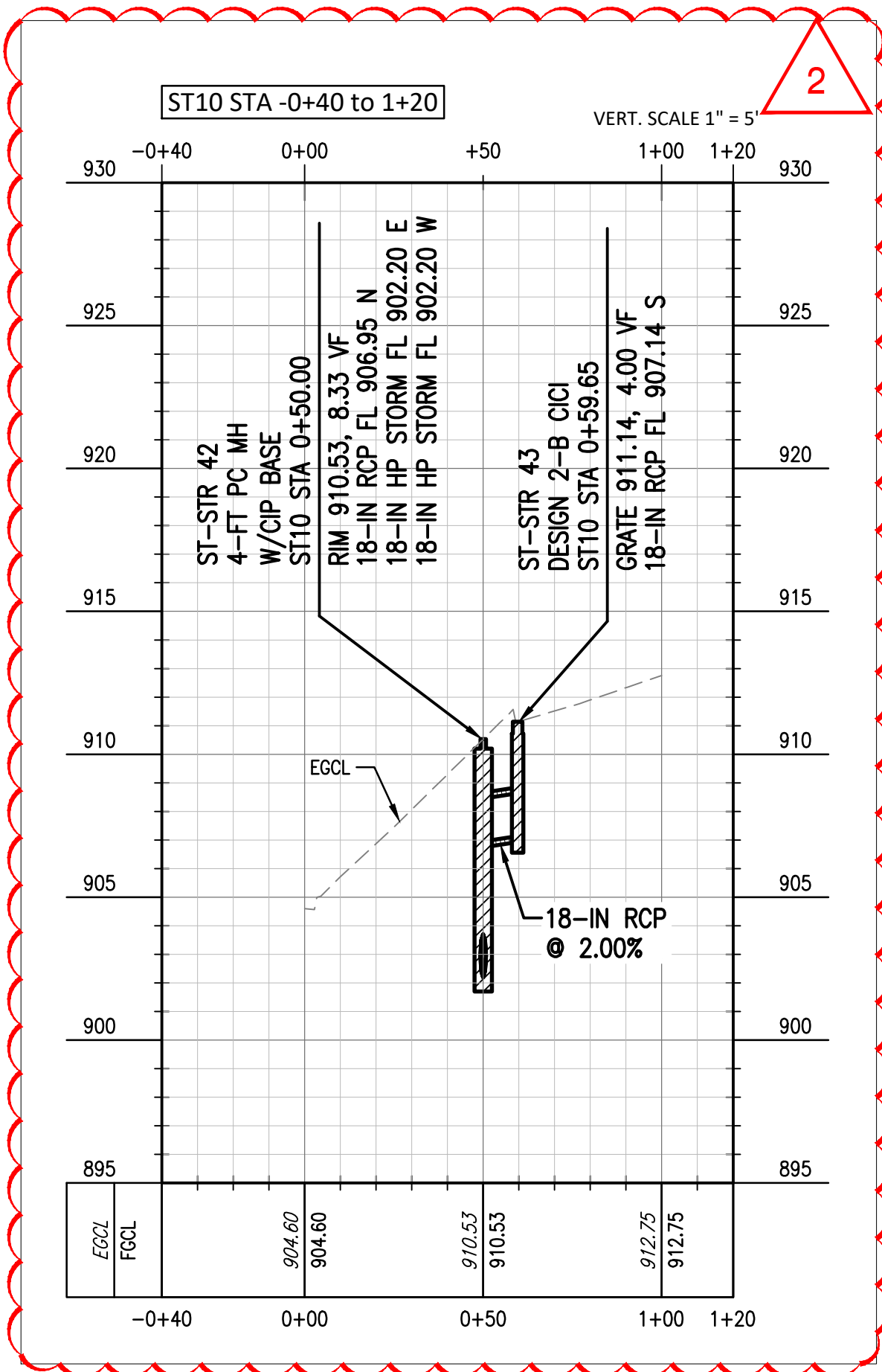
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1/10/2023 A:\2021\512321\03_DSGN\01_DWG_050_CIVIL\CG-STRM-5123.DWG



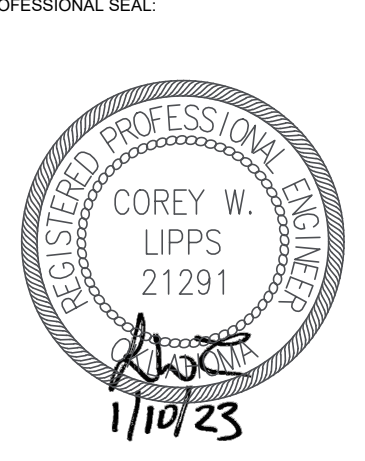
STORM DRAIN CONSTRUCTION NOTES

1. ADS HP STORM PIPE MAY BE SUBSTITUTED FOR REINFORCED CONCRETE PIPE. PIPE SHALL BE INSTALLED, EMBEDDED, AND BACKFILLED ACCORDING TO MANUFACTURER SPECIFICATIONS AND ASTM STANDARDS FOR EMBEDDING AND BACKFILLING POLYPROPYLENE PIPE.
2. CONTRACTOR SHALL COORDINATE WITH THE OWNER THE SCHEDULING OF THE NEW STORM DRAIN INSTALLATION AND THE EXISTING STORM DRAIN DEMOLITION.
3. STORM STRUCTURES REQUIRE PHASED CONSTRUCTION. NEW STRUCTURES MAY REQUIRE PARTIAL, TEMPORARY VERTICAL CONSTRUCTION FOR STORM DRAIN RELOCATION DUE TO THE DIFFERENCE BETWEEN EXISTING GRADE AND FUTURE GRADE. STRUCTURES SHALL BE ADJUSTED TO FINAL GRADE ONCE PARKING LOT IS DEMOLISHED.



UTILITY WARNING:
THE UNDERGROUND UTILITIES SHOWN HAVE BEEN LOCATED FROM RECORD DOCUMENTS OR FIELD LOCATIONS BY THE OPERATOR. THE SURVEYOR MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA EITHER IN SERVICE OR ABANDONED. THE SURVEYOR FURTHER DOES NOT WARRANT THAT THE UNDERGROUND UTILITIES SHOWN ARE IN THE EXACT LOCATION INDICATED ALTHOUGH THE SURVEYOR DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION AVAILABLE. THE SURVEYOR HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES.

UTILITY ELEVATIONS AND SIZES MAY HAVE BEEN MEASURED UNDER ADVERSE FIELD CONDITIONS. UPON EXPOSING THE UTILITY, ELEVATIONS AND LINE SIZES SHOULD BE VERIFIED BY THE CONTRACTOR PRIOR TO CONSTRUCTION. CONTRACTOR SHOULD VERIFY CRITICAL ELEVATIONS USING THE BENCHMARK PROVIDED BY THE SURVEYOR OR ENGINEER. ANY DISCREPANCIES SHOULD BE IMMEDIATELY BROUGHT TO THE ENGINEER'S AND SURVEYOR'S ATTENTION.



CHEROKEE NATION REPLACEMENT HOSPITAL

TAHLEQUAH, OKLAHOMA

A1	A2
B1	B2
C1	C2

PROJECT PHASE:
BID PACKAGE 02
(SITE DEMOLITION AND UTILITIES)

NO.	REVISIONS	DATE
1	11/18/22	ADDERNDUM 02
2	01/10/23	RFP PC-018

JOB NUMBER: 21-08.21

DATE: 10-21-2022

SHEET NUMBER:

C6-102

SHEET TITLE:
STORM DRAIN PLAN

FOREMAN | MANHATTAN

Construction Team

RFI #PC-019

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
19780 E. Ross Street
Tahlequah, Oklahoma 74464

FH6 Spread Footings

TO:	Mathew Thomas (Childers Architect) Greg Roberson (Foy Consulting)	FROM:	Doug Peterson (Manhattan - Tulsa) 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	01/05/ 2023	STATUS:	
LOCATION:		HOT RFI:	No
COST CODE:		DUE DATE:	01/10/2023
COST IMPACT:		REFERENCE:	
SCHEDULE IMPACT:		SPEC SECTION:	
DRAWING NUMBER:	S4.03		
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Doug Peterson (Manhattan - Tulsa) at 01:30 PM on 01/05/2023

North Canopy – Sheet S2.01.3. The five north canopy footings have a type mark callout of FH6. On the Hospital Spread Footing schedule on S4.03, FH6 is not shown on the schedule and there is no FH6 type details shown. Please advise.

Official Response: Greg Roberson (**Foy Consulting**) responded on Monday, January 9th, 2023 at 9:24AM CST

FH6 is added to the Hospital Spread Footing Schedule in Addendum #4. Please find **S4.03 R1** attached for reference.

Attachments:

[S4.03.pdf](#)

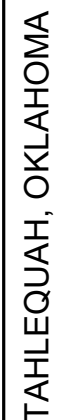
COPIES TO:

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. Germandt (**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.



STAL HOSPITAL 1



FOREMAN | MANHATTAN

Construction Team

RFI #PC-020

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
19780 E. Ross Street
Tahlequah, Oklahoma 74464

South Canopy Footing F11

TO:	Mathew Thomas (Childers Architect) Greg Roberson (Foy Consulting)	FROM:	Doug Peterson (Manhattan - Tulsa) 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	01/05/ 2023	STATUS:	
LOCATION:		HOT RFI:	No
COST CODE:		DUE DATE:	01/10/2023
COST IMPACT:		REFERENCE:	
SCHEDULE IMPACT:		SPEC SECTION:	
DRAWING NUMBER:	SC101		
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Doug Peterson (Manhattan - Tulsa) at 01:47 PM on 01/05/2023

South Canopy – Sheet SC101. There is one footing callout that is shown as F11. There is not an F11 ID shown on the Footing Schedule South Canopy shown on SC101. Please advise.

Official Response: Greg Roberson (**Foy Consulting**) responded on Monday, January 9th, 2023 at 9:43AM CST

All south canopy foundations in Addendum #4 now reference the south canopy footing schedule on SC101. The Previous footing at grid R5/SC-4 is not FC4. Please find **SC101 R1** attached for reference.

Attachments:

[SC101.pdf](#)

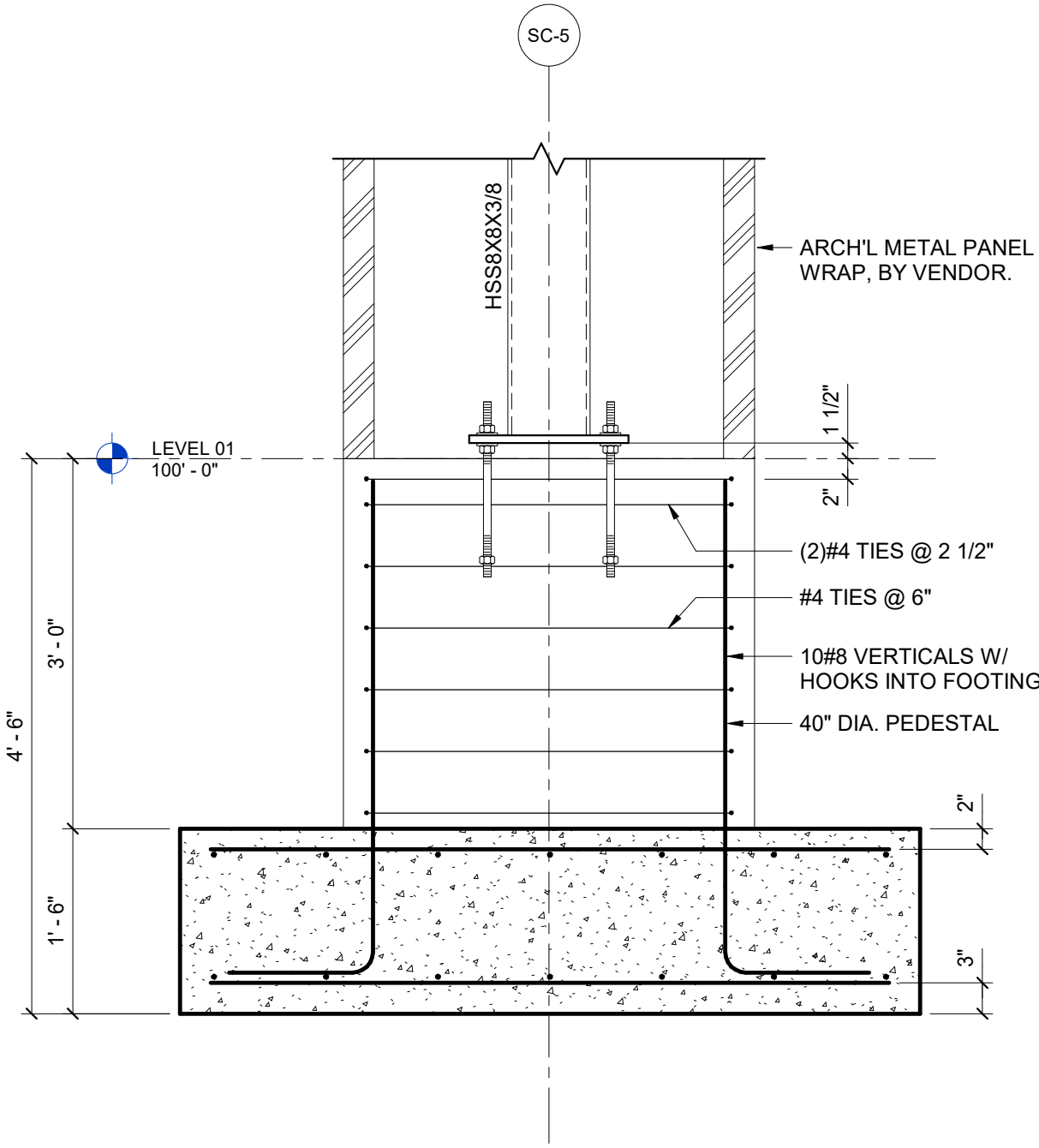
COPIES TO:

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. Germandt (**Direct 2 Completion**), Ruel Mendoza (**Childers Architect**), Kevin Ogle (**CNE/CNB**), Mike Owen (**Direct 2 Completion**), Doug Peterson (**Manhattan - Tulsa**)

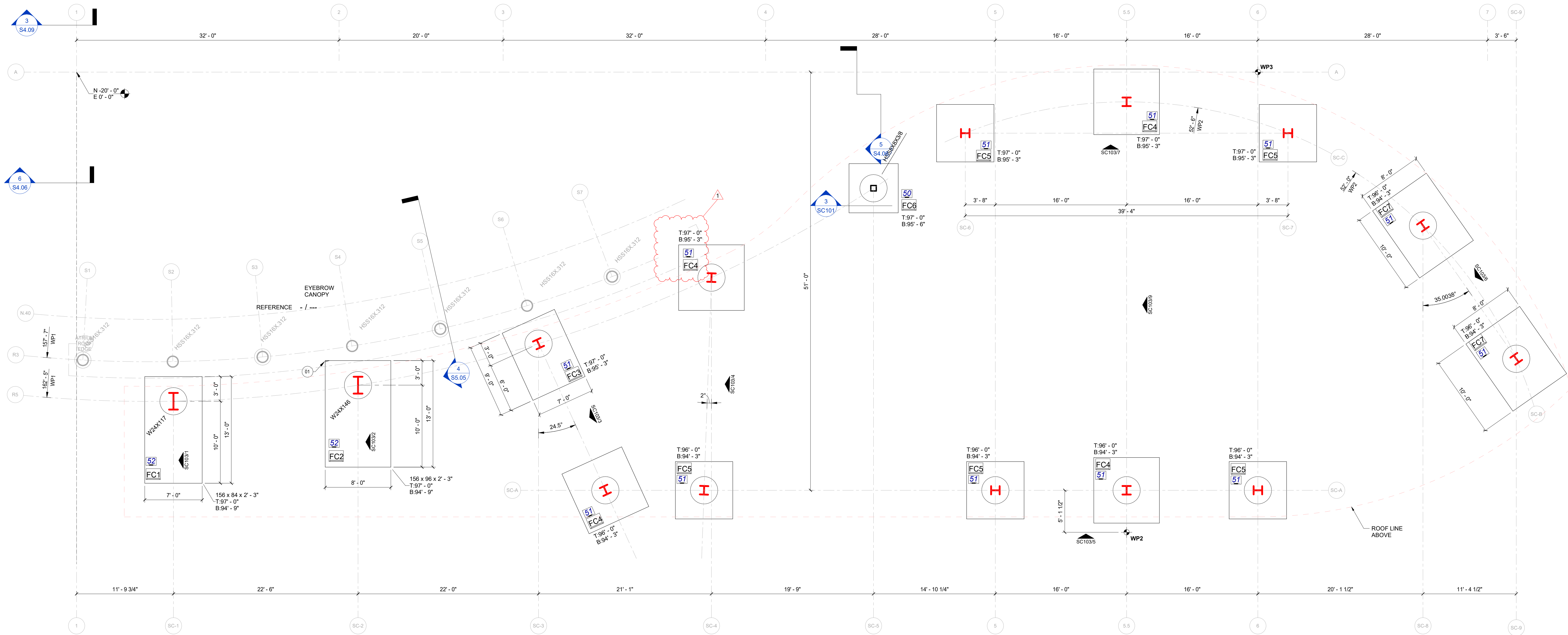
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ID	LENGTH	WIDTH	THICKNESS	REINF. (T&B U.N.O.)		STRIP	
				LONG	SHORT	LENGTH	
FC1	13'	7'	2' - 3"	PER SC103		7' FROM END	12 OF 19
FC2	13'	8'	2' - 3"	PER SC103		7' FROM END	12 OF 19
FC3	9'	7'	1' - 9"	PER SC103		7' FROM END	8 OF 11
FC4	8'	8'	1' - 9"	9 #6	9 #6		
FC5	7'	7'	1' - 9"	8 #6	8 #6		
FC6	6'	6'	1' - 6"	6 #6 E.W. (BOT. ONLY)			
FC7	10'	8'	1' - 9"	9 #6	12 #6		

2 FOOTING SCHEDULE SOUTH CANOPY



3 FOUNDATION AT HSS8x8
3/4" = 1'-0"



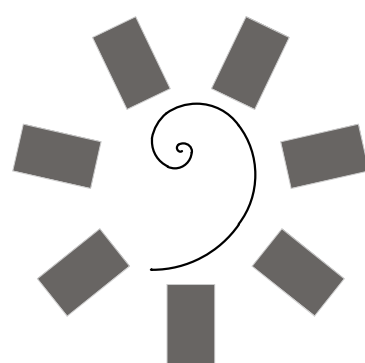
1 01 FOUNDATION PLAN SC
3/16" = 1'-0"

SOUTH CANOPY FOUNDATION

- SEE OVERALL FOUNDATION PLAN FOR GRID DIMENSIONS AND ADDITIONAL NOTES.
- SEE OVERALL FRAMING PLAN FOR WP1 LOCATION
- COLUMNS ARE W12x87 U.N.O.
- ROUND CONCRETE PEDESTALS SUPPORT ARCH'L METAL PANEL
- SPREAD FOOTING ELEVATIONS PER PLAN
- ANGULAR DIMENSIONS WITH MORE THAN 2 DECIMAL PLACES ARE ROUNDED AND MAY NOT BE EXACT.

KEY NOTES:

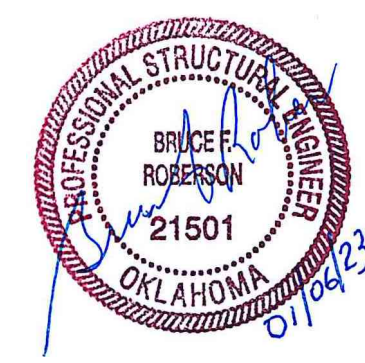
- FIELD MAY TRIM FORM AND REBAR UP TO 6" AT FOUNDATION CORNER NEAR RADIAL GRAD BEAM FOR CONVENIENCE



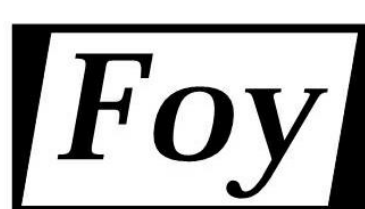
James R. Childers
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PROFESSIONAL SEAL:



CONSULTANT LOGO:



Structural Engineering Services
6800 College Blvd, Suite 600
Overland Park, KS 66211
Ph. (913) 814-0404
Oklahoma Certificate of
Authorization No. 4370

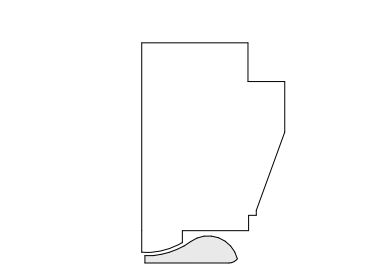
CLIENT:



CHEROKEE NATION REPLACEMENT HOSPITAL

TAHLEQUAH, OKLAHOMA

KEY PLAN:



PROJECT PHASE:

BID PACKAGE 04

(STRUCTURAL CONCRETE / EARTHWORK)

#	DATE	REVISIONS
1	01/06/23	ADDENDUM 04

JOB NUMBER: 21-08-21

DATE: 12-09-2022

SHEET NUMBER:

SC101

SHEET TITLE:

SOUTH CANOPY -
FOUNDATION PLAN

FOREMAN | MANHATTAN

Construction Team

RFI #PC-021

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
19780 E. Ross Street
Tahlequah, Oklahoma 74464

Dry Shake Hardener & Liquid Penetrating Treatment

TO:	Mathew Thomas (Childers Architect) Greg Roberson (Foy Consulting)	FROM:	Doug Peterson (Manhattan - Tulsa) 5601 South 122nd East Avenue Tulsa, Oklahoma 74146
DATE INITIATED:	01/09/ 2023	STATUS:	
LOCATION:		HOT RFI:	No
COST CODE:		DUE DATE:	01/14/2023
COST IMPACT:		REFERENCE:	
SCHEDULE IMPACT:		SPEC SECTION:	03 30 00 - Cast-in-Place Concrete
DRAWING NUMBER:			
LINKED DRAWINGS:			
RECEIVED FROM:			

Question from Doug Peterson (Manhattan - Tulsa) at 03:37 PM on 01/09/2023

In Section 03 3000 – Cast-in-Place Concrete – there are references to Dry-Shake Floor Hardener Finish (3.10-H) and Liquid Floor Treatment Application (3.13). Please clarify where these applications are required.

Official Response: Greg Roberson (Foy Consulting) responded on Tuesday, January 10th, 2023 at 10:17AM CST

Section 3.10.H Dry-Shake Floor Hardener Finish (DSFH):

This is intended for area of drops from impacts like maintenance tools, protect from abrasions, provide some inherent additional slip resistance and improve the overall durability of the exposed concrete floor. Basically, in *hard-working* areas; we are suggesting this in the CEP's slab on grade, CEP's elevated 2nd level concrete deck and the NW loading dock concrete floor beneath the overhang canopy.

Section 3.13 Liquid Floor Treatment Application:

This is also known as a liquid densifier or harder and is used in conjunction with the DSFH. Liquid densifiers chemically seal, harden and dustproof exposed concrete surfaces. Please note: Liquid densifiers are not sealers and manufacturer's recommendations for sealing compounds is required (3.13.B).

Note: NW dock is exposed to weathering and temperature variations. A suitable product should be coordinated with the installer and general contractor for approval from the architect and owner or their representatives.

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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