ADDENDUM No. 1

to the
Construction Documents

for the

Softball Field Improvements

ADDENDUM No. 1

Northern Kentucky University

May 14, 2021

I. GENERAL

1. This Addendum shall supercede all previously issued Contract Documents wherein it modifies same. All other conditions remain unchanged. The following changes, additions, or deletions as set forth herein shall apply to the above documents and shall be made part thereof and shall be subject to all the requirements thereof as though originally shown and / or specified.
2. After receipt of bids and prior to execution of Agreement, Project Manual and Drawings will be revised and re-issued to incorporate modifications made by Addenda.
3. Acknowledge receipt of this Addendum on Bid Proposal

II. REVISIONS TO DOCUMENTS

A. BIDDING REQUIREMENTS, CONTRACT FORMS, AND CONDITIONS OF THE CONTRACT

1. None

B. SPECIFICATIONS

1. Section 328400 – Underground Irrigation Systems
   a. Replace Paragraph 2.02.I with:
   A. "Wiring: multi strand wire.
      1. Connections: Suitable moisture proof device; 3M pack or Rain Bird snap type connector.
      2. Each lateral Line must also have a 14AWG multi strand wire attached for location purposes as required by the university.

C. DRAWINGS

CIVIL

1. Sheet C142 Irrigation Plan
   a. Added bid alternate to connect to existing irrigation system outside of the bullpen/batting cage areas. Then, contractor is to install new supply line out and around bullpen/batting cage areas to the field of play. In this bid alternate, new irrigation controls are to be installed to support new irrigation system. Existing irrigation controls within the bullpen areas are to be abandoned in place.

* * * END OF ADDENDUM No. 1 * * *

SECTION 328400 – UNDERGROUND IRRIGATION SYSTEM

PART 1 – GENERAL

1.01 RELATED DOCUMENTS

A. Drawings and general provisions of Contract, including General and Supplementary Conditions and ITB sections, apply to work of this section.
   1. Division 32 Section 329300 “Exterior Plants”.
   2. Division 32 Section 329200 “Turf and Grasses”.

1.02 DESCRIPTION OF WORK

General:

A. The system shall provide 100% coverage and uniformly irrigate all zones and perform as required:
   1. The contractor shall provide an underground irrigation system drawing and adhere to these specifications.
      a) Automatic irrigation system including piping, fittings, sprinkler heads, control wire, quick coupler valves, controllers, smart system, and accessories.
      b) Excavating and backfilling irrigation system work.
      c) Testing and adjusting of system.
      d) “As – Built” drawings
      e) Winterization – shutdown – spring start-up
   2. All work required by the contractor’s plans and these specifications shall be accomplished by the Irrigation Contractor even though minor items required may not be specifically mentioned in the above listing.

B. Drawings: The irrigation layout is diagrammatic. Exact locations of piping, sprinkler heads, valves, and other components shall be by the Contractor. Modifications in the field at time of installation to allow for actual on site conditions are acceptable. Proper spacing of sprinkler heads will be required to obtain satisfactory coverage. Minor adjustments in the system layout will be permitted to clear fixed obstructions. Any major revisions to the irrigation system shall be submitted in writing to the owner for approval. The final system layout must be acceptable to the owner.

C. Verification of Plans and Specifications: It shall be the responsibility of the Irrigation Contractor to carefully examine the irrigation zones and specifications relating to this work for completeness, accuracy, and clarity. Any conflict errors or clarifications request shall be immediately brought to the attention of the owner's representative for written interpretation or instructions. No claim for increased compensation for additions, changes, or alterations will be considered unless written authorization is granted by Owner’s representative. Otherwise any additional materials and/or labor due to existing conditions shall be furnished under this contract.

D. Irrigation Contractor is responsible for obtaining all permits required for installation of this work.

E. Irrigation contractor to ensure that the general contractor provides required power to irrigation system.

1.03 QUALITY ASSURANCE

A. Manufacturer Qualifications: Provide underground irrigation system as a complete unit produced by a single acceptable manufacturer, including heads, valves, controls, smart system and accessories.

B. Work and materials shall be in accordance with the latest rules, and other applicable state or local laws. Nothing in the Contract Documents is to be construed to permit work not conforming to these codes.

C. Contractors Qualifications: Bidding contractors shall have a minimum of three years experience in the construction of a job of similar size and complexity.
   1. Provide the General Contractor a list of five equivalent, irrigation system installations, performed in the last five years, incorporating the following information:
      a) Name and address of product.
      b) Name and address of Owner.
         1) Contact person
      c) Name and address with whom contact was with.
         1) Contact person

D. Requirements of regulatory agencies and utilities:
   1. System shall comply with the latest requirements of all state and local codes and ordinances.
   2. System shall comply with the latest rules and requirements by all utility companies involved.
   3. Nothing in the contract documents is to be constructed to permit work not conforming to these rules, codes and ordinances.

E. Electrical devices shall carry Underwriter's Laboratory labels.

1.04 SUBMITTALS

A. Product Data: Submit manufacturer's technical data and installation instructions for underground irrigation system.

B. Record Drawings: After completion of the work and before final acceptance, a set of scaled, reproducible record drawings, and two sets of prints showing the location of the complete work shall be submitted to the Owner. Final payment and any retainage will not be released until these drawings are submitted and accepted by the Owner.

C. Submit a weekly irrigation schedule based on an annual evapotranspiration rate, average rainfall amounts etc.

1.05 WARRANTY

A. The contractor shall furnish a manufacturer's written warranty to the effect that all heads, valves, smart system, and controllers will be warranted for a period of no less than one year to be free from defects and faulty workmanship, and that any defective heads, valves, or controllers shall be promptly repaired or replaced without additional cost to the Owner in accordance with that warranty.

B. All materials other than those referred to in Paragraph A above shall be warranted for a period of one full year from the date of final acceptance by the Owner.

C. All installation labor used on this project will be warranted for one full year from date of final acceptance by the Owner.

PART 2 – PRODUCTS

2.01 ACCEPTABLE MANUFACTURERS

A. Manufacturer: Subject to compliance with requirements, provide products of one of the following:
   1. Rain Bird Sprinkler Mfg. Corp.

2.02 MATERIALS

A. Pressure Pipe: Comply with following:
   1. Unplasticized PVC pipe, Class 200 SDR21, ASTMD 2241.
      a) 3” and larger, may be installed with slip joint ring tite seals.
      b) 2-1/2” and smaller shall be installed using solvent weld joints.
   2. Dripper Tubing with Pressure Compensating Emitters

B. Circuit Pipe (downstream from circuit valves): Comply with following:
   1. Unplasticized PVC pipe, Class 200 SDR-21, ASTMD 2241.
   2. Virgin Polyethylene tubing, 80 pound minimum N.S.F. approved, ASTM D2239.

C. Pipe Fittings: Comply with following:
   1. For PVC plastic pipe, Approved socket fittings to be used with ASTM D2241 pipe and ASTM D2564 solvent cement.
   2. For polyethylene (PE) plastic pipe, plastic insert fittings, ASTM D2609.

D. Valves: Manufacturer’s standard, of type and size indicated, and as follows:
   1. Provide PVC or cast bronze bodies, as called for on plans.
   2. Proved pressure regulating valves, if called for on plans.
   3. Manual Circuit Valves: Globe valves.
   4. Key Operated Valves: Manual valves, fitted for key operation.
      a) Furnish 2 valve keys, 3 feet long with tee handles and key end to fit valves.
   5. Automatic Circuit valves Globe valves operated by low-power solenoid, normally closed, manual flow adjustment.
   6. Automatic Drain Valves: Designed to open for drainage when line pressure drops below 3 psi.

E. Backflow Preventer: As required by governing code.

F. Sprinkler Heads: Manufacturer’s standard unit designed to provide uniform coverage over entire area of spray shown on drawings at available water pressure, as follows:
   1. Bubbler: Fixed pattern, pressure compensating type.
   2. Shrubbery: Fixed pattern, pressure compensating type
   3. Pop-Up Spray: Fixed pattern, with screw-type flow adjustment or pressure regulating nozzle and stainless steel retraction spring.
   4. Pop-Up Rotary Spray: Gear drive, full circle and adjustable part circle type.
   5. Pop-Up Rotary Impact: Impact drive, full circle and part circle as indicated.
   6. Above_Ground Rotary Impact: Impact drive, full circle and part circle as indicated.

G. Valve Box: Valve Access Box: Tapered rib reinforced enclosure of rigid plastic material comprised of polyolefin fibrous components chemically inert and unaffected by moisture, ultraviolet light, corrosion and temperature changes. Provide lid of same material, green in color with light, corrosion and temperature changes. Provide lid of same material, green in color with snap lock cover. AMETEK or approved equal (10" round minimum size) allowed.

H. Valve Cover and Frame: Industrial Grade Plastic.

I. Wiring: multi strand wire.
1. Connections: Suitable moisture proof device; 3M pack or Rain Bird snap type connector.
2. Each lateral Line must also have a 14AWG multi strand wire attached for location purposes as required by the university.

J. Drainage Backfill: Cleaned gravel or crushed stone, graded from 3” maximum to ¾” minimum.

2.03 AUTOMATIC CONTROL SYSTEM

A. General: Furnish low voltage system manufactured expressly for control of automatic circuit valves of underground irrigation systems. Provide unit of capacity to suit number of circuits as indicated.

B. Exterior Control Enclosure: Manufacturer's standard weatherproof enclosure with locking cover, complying with NFPA 70 (National Electric Code).

C. Interior Control Enclosure: Manufacturer's standard with locking cover, complying with NFPA 70.

D. Transformer: To convert building service voltage to control voltage of 24 bolts.

E. Circuit Control:
1. Input: 120 VAC, 60Hz, 0.2A
2. Output: 25.5 VAC, 60Hz, 0.65A
3. Power back-up: 2 x AAA batteries maintain time and date while nonvolatile memory maintains the programming

F. Smart System Control Device:
1. Station timing: 0 to 199 min
2. Seasonal Adjust; -90% to +100%
3. Independent schedule per zone
4. 6 Start Times per zone
5. Program Day Cycles include Custom days of the week, Odd, Even, & Cyclical dates
6. Manual Watering SINGLE zone
7. Manual Watering ALL zones

PART 3 – EXECUTION

3.01 SYSTEM DESIGN

A. Design Pressures: As indicated on contractor’s drawings, at connection to building system and at last head in circuit.

B. Location of Heads: As indicated on drawings. Make minor adjustments as necessary to avoid plantings and other obstructions.

C. Minimum Water Coverage:
1. Turf areas, 100%
2. Planting areas, 100%.

3. Layout may be modified, if necessary to obtain coverage, to suit manufacturer's standard heads. Do not decrease number of heads indicated on contractor's drawings unless otherwise acceptable to Engineer/Owners Representative.

3.02 TRENCHING AND BACKFILLING

A. General: Excavate straight and true with bottom uniformly sloped to low points.
1. Protect existing lawns and plantings. Remove and replant as necessary to complete installation. Replace damaged lawn areas plants and mulch with new to match existing.

B. Trench Depth: Excavate trenches to a depth of 3" below invert of pipe, unless otherwise indicated.

C. Minimum Cover: Provide following minimum cover over top of installed piping:
A minimum of 18" cover shall be held over all main lines and lateral lines 1" thru 2" in diameter, and a minimum of 24" of cover for pipe sizes 2-1/2" thru 3" diameter.
Pipe sizes between 4" and 6" in diameter should have a minimum of 30" of cover.

D. Backfill: Backfill with clean material from excavation. Remove organic material as well as rocks and debris larger than 1" diameter. Place acceptable backfill material in 6" lifts, compacting each lift.

E. Existing Lawns: Where trenching is required across existing lawns, uniformly cut strips of sod 6" wider than trench. Remove sod in rolls of suitable size for handling and keep moistened until replanted.

F. Backfill trench to within 6" of finished grade. Continue fill with acceptable topsoil and compact to bring sod even with existing lawn.

G. Replant or replace sod within 7 days after removal, roll and water generously.

H. Reseed and restore to original condition any sod areas not in healthy condition equal to adjoining lawns 30 days after replanting.

I. Pavements: Where existing pavements must be cut to install irrigation system, cut smoothly to straight lines 6" wider than trench.
1. Excavate trench to required depth and width.
2. Remove cut-out pavement and excavated material from site.
3. At walkways, jack piping under paving material, if possible.
4. Backfill with dry sand fill material, placing in 6-inch lifts.
5. Repair or replace pavement cuts with equivalent materials and finishes.

3.03 NOT USED

3.04 INSTALLATION

A. General: Unless otherwise indicated, comply with requirements of Uniform Plumbing Code.

B. Connection to Main: Connect to existing building piping in location indicated.
1. Install new tee, valve, and union.
2. Connect to existing stub. Install new valve and union.
3. Connect to existing stub with union.

C. Maintain uninterrupted water service to building during normal working hours. Arrange for temporary water shut-off with Engineer.

D. Backflow Preventer: Provide union on downstream side. Install approved back flow prevention device as directed by manufacturer and in a manner approved by state and local codes.

E. Water Hammer Arrester: Install between connection to building main and circuit valves, inside building or in valve box as indicated.

F. Circuit Valves: Install in valve box, arranged for easy adjustment and removal.
1. Provide union on downstream side.
2. Adjust automatic control valves to provide flow rate or rated operating pressure required for each sprinkler circuit. If an over pressure condition exists, contractor shall install, at his expense, such pressure compenstation devices as are necessary to bring the circuit or heads into proper operating range.

G. Piping: Lay pipe on solid subbase, uniformly sloped without humps or depressions.
1. For circuit piping, slope to drain valve at least ½" in 10' or run.
2. At wall penetrations, pack the opening around pipe with non-shrink grout. At exterior face, leave a perimeter slot approximately ½" wide by ¾" deep. Fill this slot with backer rod and an acceptable elastomeric sealant. Repair below grade waterproofing disturbed by this wok and make penetration watertight.
3. Install PVC pipe in dry weather when temperature is above 40 F (4 C) in strict accordance with manufacturer's instructions. Allow joints to cure at least 24 hours at temperature above 40 F (4 C) before testing, unless otherwise recommended by manufacturer.
    a) Allow joints to cure at least 24 hours at temperature above 40 degrees F (4 degrees C) before testing, unless otherwise recommended by manufacturer.

H. Drain Pockets: Excavate to sizes indicated. Backfill with acceptable drain material to 12" below grade. Cover drain material with a sheet of 30-pound Asphalt saturated felt and backfill remainder with excavated material.
1. Restore lawns or plantings disturbed by this work.

I. Sprinkler Heads: Flush circuit lines with full head of water and install heads after hydrostatic test is completed.
1. Install lawn heads at manufacturer's recommended heights.
2. Install shrubbery heads at heights indicated.
3. Locate part-circle heads to maintain a minimum distance of 4" from walls and 2" from other boundaries, unless otherwise indicated.

J. Wiring : Make all wire splices in valve boxes.

K. Dielectric Protection: Use dielectric fittings at connection where pipes of dissimilar metal are joined.

L. Closing of Pipe and Flushing Lines: Cap or plug all openings as soon as lines have been installed to prevent the entrance of materials that would obstruct the pipe. Leave in place until removal is necessary for completion of the installation. Thoroughly flush out all main water lines before installing valves. Thoroughly flush out all lateral lines after installation and before attaching heads.

3.05 TESTING AND TRAINING

A. General: Notify Engineer in writing when testing will be conducted. Conduct tests in presence of Engineer.

B. Hydrostatic Test: Test water piping and valves, before backfilling trenches, to a hydrostatic pressure of not less than 100 psi. Piping may be tested in sections to expedite work. Remove and repair piping, connections, valves which do not pass hydrostatic testing.

C. Operational Testing: Perform operational testing after hydrostatic testing is completed, backfill is in place, and sprinkler heads adjusted to final position.
   1. Demonstrate to Engineer that system meets coverage requirements and that automatic controls function properly.
   2. Coverage requirements are based on operation of one circuit at a time.

D. After completion of grading, seeding or sodding, and rolling of grass areas, carefully adjust lawn sprinkler heads so they will be flush with or not more than ½" above finish grade.

E. Personnel training
   1. Contractor shall be responsible for the training of as many personnel as the Owner shall deem necessary.
   2. Contractor shall be responsible for one starting and one winterizing of the system during the appropriate times of the year after final acceptance by the Owner as part of the training of the Owner's personnel.
   3. Contractor shall include general troubleshooting and operation of the system with reference to head, valve, and controller operation.
   4. Contractor shall furnish a complete operation and maintenance manual to the Owner's personnel. This manual shall include repair parts lists, assembly instructions, troubleshooting guides, programming instructions, and recommended precipitation rates.

3.06 ADJUSTMENT

A. After completion of grading, seeding or sodding, if applicable, Contractor shall return to the job site to perform any final adjustments to the system, which might be deemed necessary.

B. The contractor will be responsible for any pressure testing and start up of the system when construction is complete. The contractor will also be responsible for the winterization of the system after the first season of operation.

END SECTION 328400

ADDENDUM NO: 1

Procurement Services
Lucas Administrative Center, 617
1 Nunn Drive
Highland Heights, KY 41099
859.572.6605
FAX 859.572.6995

IFB/RFP No: ITB NKU -36-2021

Project /Commodity: Softball Field Renovations

Date: 05/14/21

Due Date: May 26. 2021 @ 2PM ET

BIDDER/RESPONDER SHALL CONFORM TO THE FOLLOWING CHANGES AS SAME SHALL BECOME BINDING UPON THE CONTRACT TO BE ISSUED IN RESPONSE TO THIS INVITATION FOR BID.

1. Pre-bid walk thru sign in sheet, see attached

2. SPECIFICATIONS

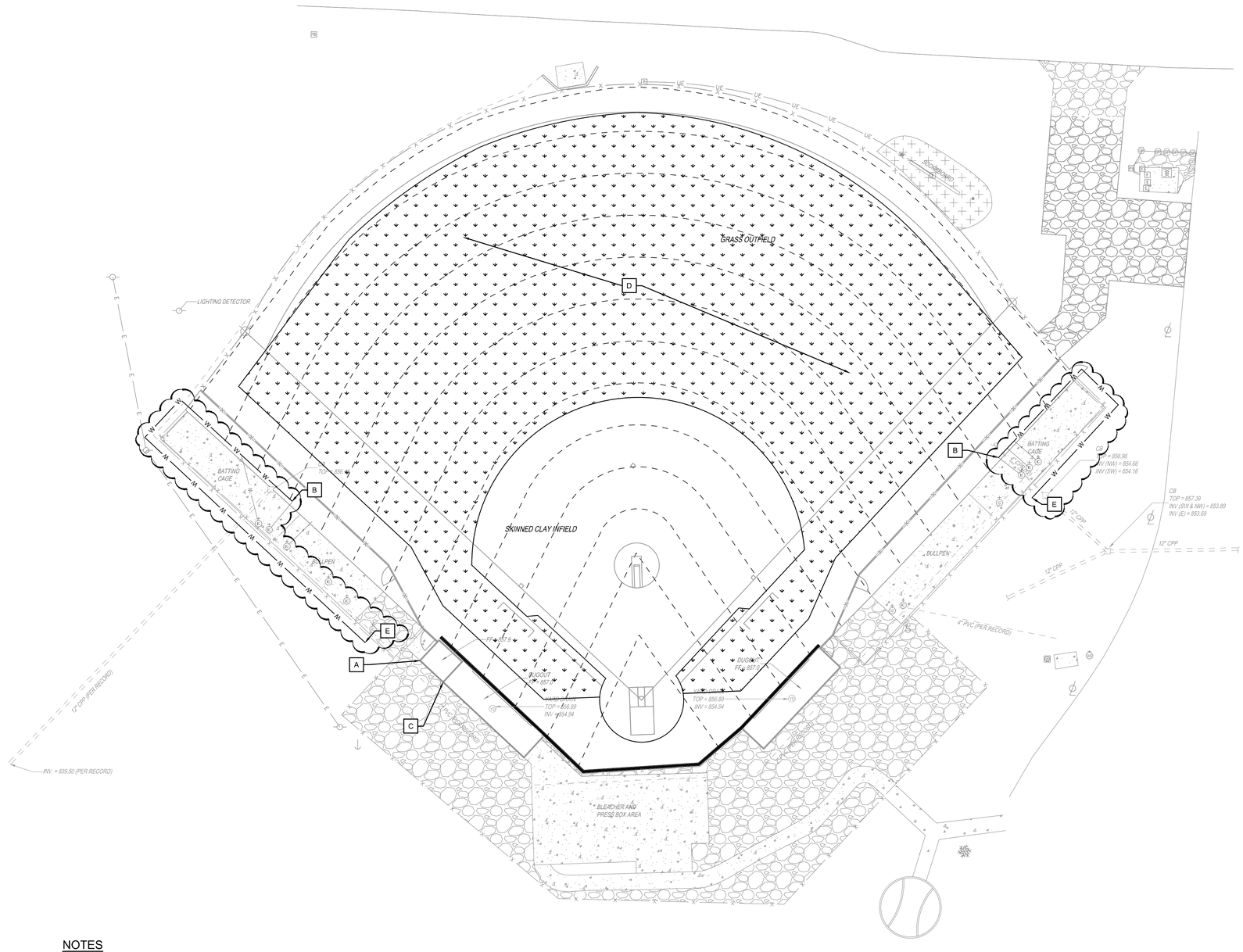
    a. Section 328400 – Underground Irrigation Systems.

    Replace Paragraph 2.02.I with:
        i. "Wiring: multi strand wire.
            1. Connections: Suitable moisture proof device; 3M pack or Rain Bird snap type connector.
            2. Each lateral Line must also have a 14AWG multi strand wire attached for location purposes as required by the university.

3. DRAWINGS- CIVIL
    a. Sheet C142 Irrigation Plan
        i. Added bid alternate to connect to existing irrigation system outside of the bullpen/batting cage areas. Then, contractor is to install new supply line out and around bullpen/batting cage areas to the field of play. In this bid alternate, new irrigation controls are to be installed to support new irrigation system. Existing irrigation controls within the bullpen areas are to be abandoned in place.

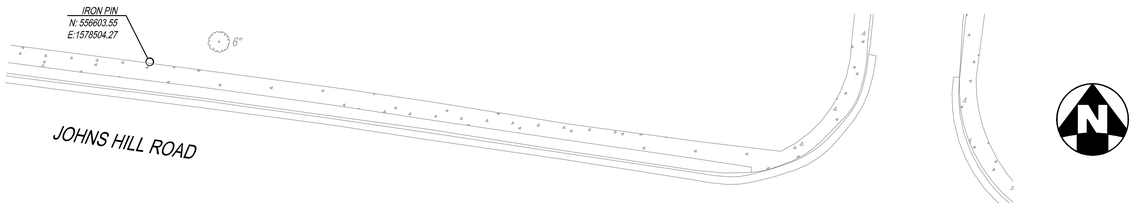
DESIGN ▲ TRANSFORMING COMMUNITIES

INSPIRED PEOPLE ▲ CREATIVE DESIGN



NOTES

AREA TO BE IRRIGATED



811 Know what's below. Call before you dig.

IRRIGATION KEY NOTES:

A. INSTALL SMART IRRIGATION CONTROL (RAINBIRD ST8-2.0, OR EQUAL) IN EXISTING 3RD BASE DUGOUT STORAGE ROOM.

B. BASE BID: POINT OF CONNECTION.

C. INSTALL RAIN SENSOR NEAR ROOF OF DUGOUT.

D. AREA TO BE IRRIGATED.

E. BID ALTERNATE: POINT OF CONNECTION OUTSIDE OF BULLPEN AREA. NEW SUPPLY TO BE INSTALL OUT AND AROUND BULLPEN/BATTING CAGE AREA AND BROUGHT INTO FIELD. ALL NEW IRRIGATION CONTROLS TO BE INSTALLED. EXISTING CONTROLS (LOCATED WITHIN BULLPEN) TO BE ABANDONED IN PLACE.

GENERAL IRRIGATION NOTES

1. CONTRACTOR IS TO TEST IRRIGATION SYSTEM FOR LEAKS AFTER EXISTING FIELD IRRIGATION HAS BEEN REMOVED AND PRIOR TO NEW IRRIGATION SYSTEM BEING INSTALLED.
2. THIS IRRIGATION ZONE PLAN IS DIAGRAMMATIC AND ONLY SHOWS AREAS TO BE IRRIGATED. CONTRACTOR TO DESIGN SYSTEM TO ENSURE FULL AND EQUAL IRRIGATION COVERAGE ON AREAS SHOWN TO BE IRRIGATED.
3. IRRIGATION CONTRACTOR TO COORDINATE THE SIZE OF THE TAP AND THE LOCATION OF THE POINT OF CONNECTION PRIOR TO CONSTRUCTION.
4. THE IRRIGATION SYSTEM SHALL BE INSTALLED USING ACCEPTED AND QUALITY INSTALLATION STANDARDS AS USED IN THE INDUSTRY.
5. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO BE FAMILIAR WITH ALL GRADE DIFFERENCES, LOCATIONS OF WALLS, STRUCTURES, AND UTILITIES AND MAKE THE NECESSARY ADJUSTMENTS TO ACCOMMODATE THE IRRIGATION SYSTEM. ANY OBSTRUCTIONS SHOULD BE BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. IN THE EVENT THAT THIS NOTIFICATION IS NOT PERFORMED, THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ANY NECESSARY COSTS.
6. MAINLINE PIPING SHALL BE BURIED A MINIMUM OF 12" OF COVER AND A MAXIMUM OF 18" OF COVER. LATERAL LINE PIPING A MINIMUM OF 12" COVER. ALL BACKFILL SURROUNDING THE PIPE SHALL BE SCREENED AND CLEANED OF MATERIAL LARGER THAN 1" IN SIZE.
7. IRRIGATION CONTRACTOR SHALL PROVIDE FIRST WINTERIZATION AND SPRING TURN ON IN BID.
8. THE GENERAL CONTRACTOR IS RESPONSIBLE TO PROVIDE POWER TO THE IRRIGATION. CONTROLLER, SET METER, ALL SLEEVES, TAP, BACKFLOW PREVENTION DEVICE AND TO GAIN ANY AND ALL PERMITTING. IRRIGATION CONTRACTOR TO COORDINATE ALL WORK WITH THE GENERAL CONTRACTOR.
9. WATER FROM IRRIGATION SHALL NOT ENCROACH ON PAVEMENTS.

NKU SPORT WORKS FIELD DESIGN
a division of THE KLEINGERS GROUP

NORTHERN KENTUCKY UNIVERSITY
FRANK IGNATIUS GREIN SOFTBALL FIELD RENOVATIONS

SEAL:

NO.	DATE	DESCRIPTION
1	04/30/2021	FOR BID
2	05/14/2021	ADDENDUM 01

NKU SOFTBALL FIELD RENOVATIONS
CITY OF HIGHLAND HEIGHTS
CAMPBELL COUNTY
COMMONWEALTH OF KENTUCKY

PROJECT NO:	080115.036
DATE:	APRIL 2021
SCALE:	0 10 20 40
SHEET NAME:	IRRIGATION PLAN
SHEET NO.	C142

5.7 FORM OF BID

LUMP SUM BASE BID

The Bidder agrees to furnish all labor, materials, supplies, supervision and services required to perform this contract in a workmanlike manner. These services to be provided in accordance with Specifications and Contract Documents, and any duly issued Addenda for the **LUMP SUM BASE BID** set forth below:

_____Dollar_____Cents
(USE WORDS) (USE WORDS)

$_____
(USE NUMBERS)

ADD – **Alternate 1** – (Tuckahoe Bluegrass Sod) $ _____

ADD – **Alternate 2** – (Install New Irrigation Supply Line*)* – see revised Irrigation plan & drawing for details.)
$ _____

This offer is for, at minimum,_____calendar days from the date this offer is opened. In submitting the above it is expressly agreed that upon proper acceptance by Northern Kentucky University of any or all items offered, a contract shall thereby be created with respect to the items accepted.

THIS BID SUBMITTED BY:

_____
(Name and Address of Bidder)

DATE:_____ AUTHORIZED SIGNATURE:_____

NOTE*: The Authentication of Bid and Statement of Non-Collusion and Non-Conflict of Interest must be properly executed for this Bid to be valid.*

This Bidder, in compliance with this Request for Bid, and having carefully examined the complete contract documents, as well as the specifications for the work as prepared by Northern Kentucky University, hereby

proposes to furnish all labor, supervision, materials, supplies and services required to perform the specifics of the Contract Documents, within the time set forth herein and for the final negotiated price.

The Bidder, hereby acknowledges receipt of the following Addenda:

ADDENDUM NO._____ DATED_____ADDENDUM NO.

ITB NKU-36-2021

Softball Field Renovations

Walk Through Meeting Sign-In Sheet

Monday 05/10/2021 @ 11:00AM- Softball Field

PLEASE PRINT INFORMATION LEGIBLY. THANK YOU.

	NAME	COMPANY	PHONE NUMBER	E-MAIL
1	DAN Zimmerman	Schrudde e Zimmerman	859 653-9019	dj zimmerman@fuse.net
2	ZAC HORCH	ASBURY SPORTS TURF	(859) 496-1141	zachorch@gmail.com
3	BRAD D'Agnillo	KLEINGERS GROUP	(573) 709-9640	brad.dagnillo@kleingers.com
4	Coby Schmucker	DuraEdge Products	419-973-3695	cschmucker@duraedge.com
5	Brian Young	Hickory Valley Sod Farm	740-215-2160	brian@hickoryvalleysod.com
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