

**ADDENDUM NO. 2
TO THE
PLANS AND SPECIFICATIONS
for
COUNTRY COURT V SUBDIVISION
for the
CITY OF LOOGOOTEE
MARTIN COUNTY, INDIANA
MEI PROJECT NO. 2022038-04**

April 3, 2024

The following items shall amend, clarify, and/or correct plans and specifications for the above project and shall take precedence over items in conflict herein:

ITEM NO. 1 - Reference Specifications, Advertisement for Bids, Page 1

CLARIFICATION: The bid opening date was listed incorrectly on the Plan Room. The bid opening will occur on Tuesday, April 9, 2024 at 401 JFK Avenue, Loogootee, IN at 5:30 PM as indicated in Specifications.

ITEM NO. 2 - Reference Specifications, Attachment to Form 96 (BID FORM), Bid Proposal, Pages 30-30B

CLARIFICATION: The bid proposal has been updated and is included with this addendum. Please be sure to submit the updated bid proposal (dated 4/3/2024 at the bottom of the page) with the bid package. Specifically, the updated bid proposal adds a lump sum Site Earthwork pay item and a lump sum item for work to be done on the inline detention basins. Certain items have now been lumped into the pay items for the detention basin construction, including rip rap quantities, storm piping, and end sections.

The updated bid proposal also adds Mandatory Alternate Bid Items “A” & “B”. These items consider alternate pumps (Myers 4R30M4-21 and HOMA AMS434-180/5.1TC respectively) in lieu of the Base Bid Flygt pumps that are specified. The price to be listed for these items should be the amount to be deducted from the Base Bid for each alternative pump in lieu of the Flygt pump.

ITEM NO. 3 - Reference Specifications, General Construction Specifications, Section 333211 - Lift Stations, Page 2, Section 2.1A

- ADD:** 3. Mandatory alternate pumps shall be
- a. Myers 4R30M4-21 with rated impeller diameter of 5.5 in. Contact Joe Collins at [812-483-2968](tel:812-483-2968)/JCollins@straefferpump.com.
 - b. HOMA AMS434-180/5.1TC. Contact Chad Fewell at cfewell@indianapumpworks.com.

CLARIFICATION: Approved equal pumps referenced above for Mandatory Alternate Bids “A” and “B”.

ITEM NO. 4 - Reference Specifications, Measurement and Payment

DELETE: Entire "Measurement and Payment" section.

REPLACE WITH: Attached "Measurement and Payment" section.

CLARIFICATION: Added Item 5, "Site Earthwork" to account for grading not covered under detention basin pay items. Modified Item 5, "Detention Basin Construction" (now "Item 6. Detention Basin and Inline Detention Basin Construction") to differentiate between basins, as well as address items included with the bid proposal.

Respectfully submitted,

MIDWESTERN ENGINEERS, INC.

A handwritten signature in black ink that reads "Clint W. Roos". The signature is written in a cursive style with a long, sweeping underline.

Clint W. Roos, P.E.
Sr. Project Engineer

**BID PROPOSAL
FOR
COUNTRY COURT V
ROADWAY AND INFRASTRUCTURE IMPROVEMENTS
FOR THE
CITY OF LOOGOOTEE
LOOGOOTEE, MARTIN COUNTY, INDIANA**

BASE BID: COUNTRY COURT

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
<u>GENERAL CONSTRUCTION ITEMS</u>					
1.	105-06845 CONSTRUCTION ENGINEERING	1	LS	\$ _____	\$ _____
2.	110-01001 MOBILIZATION AND DEMOBILIZATION	1	LS	\$ _____	\$ _____
3.	621-01004 MOBILIZATION AND DEMOBILIZATION FOR SEEDING	1	LS	\$ _____	\$ _____
4.	201-52370 CLEARING RIGHT OF WAY	1	LS	\$ _____	\$ _____
5.	EROSION EROSION CONTROL AND STORMWATER PREVENTION	1	LS	\$ _____	\$ _____
6.	801-06775 MAINTAINING TRAFFIC	1	LS	\$ _____	\$ _____
7.	SITE SITE EARTHWORK	1	LS	\$ _____	\$ _____
SUBTOTAL - GENERAL CONSTRUCTION ITEMS					\$ _____

ROADWAY/STORMWATER CONSTRUCTION ITEMS

1.	207-08264 SUBGRADE TREATMENT, TYPE II	10,200	SYS	\$ _____	\$ _____
2.	303-01180 COMPACTED AGGREGATE NO. 53 STONE SHOULDER	500	TON	\$ _____	\$ _____
3.	621-06550 MULCHED SEEDING, P	60,000	SYS	\$ _____	\$ _____
4.	801-06640 CONSTRUCTION SIGN, A	2	EACH	\$ _____	\$ _____
5.	801-07118 BARRICADE, III-A	53	LFT	\$ _____	\$ _____
6.	802-05704 SIGN POST, SQUARE TYPE 1 UNREINFORCED ANCHOR BASE	72	LFT	\$ _____	\$ _____
7.	802-99058 SIGN, SHEET, INSTALL	9	EACH	\$ _____	\$ _____
8.	401-07321 QC/QA-HMA, 2, 64, SURFACE, 9.5 mm	1,100	TON	\$ _____	\$ _____
9.	401-07371 QC/QA-HMA, 2, 64, INTERMEDIATE, 12.5 mm	1,100	TON	\$ _____	\$ _____
10.	401-07423 QC/QA-HMA, 2, 64, BASE, 19.0 mm	2,200	TON	\$ _____	\$ _____
11.	808-75297 TRANSVERSE MARKING, THERMOPLASTIC, STOP LINE, WHITE, 24 IN.	108	LFT	\$ _____	\$ _____
12.	211-09265 STRUCTURE BACKFILL, TYPE 2	4,400	CYS	\$ _____	\$ _____
13.	STORM PIPE PIPE, RCP, CIRCULAR, 12 IN.	300	LFT	\$ _____	\$ _____
14.	715-46000 PIPE END SECTION, PRECAST CONCRETE, 12 IN	18	EA	\$ _____	\$ _____
15.	616-06405 RIPRAP, REVETMENT	48	TON	\$ _____	\$ _____
16.	BASIN INLINE DETENTION BASIN CONSTRUCTION	1	LS	\$ _____	\$ _____
17.	BASIN DETENTION BASIN CONSTRUCTION	1	LS	\$ _____	\$ _____
SUBTOTAL - ROADWAY CONSTRUCTION ITEMS					\$ _____

BASE BID COUNTRY COURT CONTINUED

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
SANITARY SEWER CONSTRUCTION ITEMS					
1.	715-05408 PIPE SANITARY SEWER 8 IN, PVC SDR 26	3200	L.F.	\$	\$
2.	715-98961 FORCE MAIN 4 IN, PVC SDR-21	750	L.F.	\$	\$
3.	715-05711 PIPE SANITARY SERVICE SEWER 6 IN, PVC SDR 26 ALL DEPTHS WITH #8 STONE ENCASEMENT	1500	L.F.	\$	\$
4.	718-04986 6" CLEANOUT	41	EA.	\$	\$
5.	720-45410 MANHOLE C4	13	EA.	\$	\$
6.	301-12233 INDOT NO. 8 CRUSHED STONE FOR BACKFILL FOR LATERALS IN STREETS	300	C.Y.	\$	\$
7.	715-04482 PIPE CONNECTION COLLAR AND PAD	3	EA.	\$	\$
8.	716-01382 AIR RELIEF VALVE	1	EA.	\$	\$
9.	LIFT STATION LIFT STATION CONSTRUCTION (INCLUDES WET WELL, VALVE PIT, SPECIFIED FLYGT PUMPS, ELECTRICAL, AND CONTROLS)	1	LS	\$	\$
SUBTOTAL - SANITARY SEWER CONSTRUCTION ITEMS					\$

WATER CONSTRUCTION ITEMS

1.	715-93912 6" C900 DR-18 CL 235 PVC WATER MAIN W/TRACER WIRE	3,900	L.F.	\$	\$
2.	715-02744 6" D.I. GATE VALVE WITH POLY. ENCASEMENT	10	EA.	\$	\$
3.	715-04596 3/4" HDPE SERVICE LINE	1,300	L.F.	\$	\$
4.	715-03053 NEW METER PIT (5/8") AND ALL APPURTENANCES	41	EA.	\$	\$
5.	720-96999 3 WAY FIRE HYDRANT WITH 6" GATE VALVE	8	EA.	\$	\$
6.	715-07794 DRY TAP NEW 6" TO EX. 6" MAIN	3	EA.	\$	\$
7.	TEST PRESSURE AND LEAKAGE TESTING OF WATER MAINS	3,900	L.F.	\$	\$
8.	DISINFECT DISINFECTION OF WATER MAINS	3,900	L.F.	\$	\$
SUBTOTAL - WATER CONSTRUCTION ITEMS					\$
TOTAL BASE BID					\$
					(Figures)

(Words)

MANDATORY ALTERNATE BID "A":

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1.	DEDUCT FOR USE OF MYERS PUMPS IN LIEU OF FLYGT PUMPS AT THE LIFT STATION	1	LS	\$	\$
TOTAL DECREASE OF MANDATORY ALTERNATE BID "A"					\$
					(Figures)

(Words)

MANDATORY ALTERNATE BID "B":

ITEM NO.	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL PRICE
1.	DEDUCT FOR USE OF HOMA PUMPS IN LIEU OF FLYGT PUMPS AT THE LIFT STATION	1	LS	\$	\$
TOTAL DECREASE OF MANDATORY ALTERNATE BID "B"					\$
					(Figures)

(Words)

NOTE: THE BASIS OF AWARD MAY CONSIDER ANY COMBINATION OF BASE BID ITEMS AND MANDATORY ALTERNATES IN THE DETERMINATION OF THE LOWEST RESPONSIBLE AND RESPONSIVE BIDDER.

Respectfully,

Signature

Address

Title

Date

(SEAL) (If BID is by a Corporation)

License Number (if applicable)

MEASUREMENT AND PAYMENT

SCOPE

It is intended that payment for all work done under the Contract Documents for Unit Price Contracts, including the furnishing of all labor, tools, equipment, materials, and the performing of all operations in connection with the construction of all work under unit Price Contracts as described in the contract documents will be made under the applicable INDOT Standard Pay Items and the following Pay items. Other work for which there is not a pay item will be considered incidental and shall be included in the Contract Unit Price for the various pay items and no additional compensation will be allowed.

The Owner reserves the right to alter the plans, extend or shorten the project, and such incidental work as may be necessary, and increase or decrease the quantities of work to be performed to accord with such changes, including the deduction or cancellation of any one or more of the pay items. Such changes shall not be considered as a waiver of any conditions of the contract nor to invalidate any of the provisions thereof.

The work will be done in compliance with the Contract Documents and measured and paid for under the applicable INDOT Standard Pay Items or Contract Items herein listed and detailed. Quantities shown on the plans shall govern over those shown in the proposal. The Contractor shall take no advantage of any apparent error or omission in the plans or specifications, and the Engineer shall be permitted to make any corrections and interpretations as may be deemed necessary for the fulfillment of the intent of the Contract Documents. The following are Contract Items not covered under INDOT Standard Pay Items:

1. STORM WATER POLLUTION PREVENTION AND EROSION CONTROL

Contractors shall bid based on plan documents and specifications, and knowledge of the specific site from actual field visit(s). The contractor shall hold the owner faultless for any non-compliance with permit-related specifications. All temporary erosion control measures shall be in accordance with the Indiana Storm Water Quality Manual, or as otherwise stated in these special provisions. The Contractor shall be responsible, through the implementation of erosion control and sedimentation control measures within R/W and easement areas for minimizing erosion on the project and minimizing sedimentation inside and outside of the project limits. Payment shall be Lump Sum and shall include all labor, equipment, and materials necessary for said work.

The Contractor shall be responsible for supplying all materials required to install and maintain erosion and sediment controls required by the Local Agencies, State Agencies and Federal Agencies.

The contractor shall be responsible for obtaining or verifying that all permits and approvals are obtained from the respective City, County, or State Agencies prior to starting and construction.

It shall be the contractor's responsibility to determine the exact location of all utilities in the vicinity of the construction area prior to starting any construction.

It shall be the contractor's responsibility for notification and coordination of all construction with the respective utility companies prior to starting any construction.

All erosion control measures indicated on plans or in the Construction Stormwater General Permit

(CSGP) shall be maintained by the Contractor within R/W and easement areas. The Owner has the right to require additional erosion control measures in the field as conditions warrant.

All erosion control practices shall be in accordance with the IDEM Storm Water Quality Manual dated October 2007 and the NRCS Field Office Technical Guide.

At the completion of construction all excess soil and other material shall be removed from the site. To ensure proper water quality the site and its storm water conveyance facilities shall be inspected at regular intervals and after all major rain events. The storm water conveyance systems shall be kept free of debris and fluids that could potentially pollute storm water runoff.

The project contractor or their representative, knowledgeable in erosion and sediment control, shall inspect the site for storm water pollution prevention deficiencies at least weekly and again within 24 hours of every ½ inch rain event. Inspection reports shall be kept on file and be available for review upon request.

All hazardous materials used during the construction of the site shall be handled at all times according to recommendations in the Material Safety Data Sheets provided by the manufacturer. The site contractor will implement a spill prevention plan prior to start of construction.

The erosion control measures included in the SWPPP shall be installed prior to initial land disturbance activities or as soon as practical. Sediment shall be prevented from discharging from the project site by installing and maintaining the erosion control measures as stated in the SWPPP.

Except as prevented by inclement weather conditions or other circumstances beyond the control of the contractor/developer appropriate erosion control practices will be initiated within 7 days of the last land disturbing activity at the site. The site shall be stabilized by seeding, sodding, mulching, covering, or by other equivalent erosion control measures.

The SWPPP shall be implemented on all disturbed areas within the construction limits. All measures involving erosion control practices shall be installed under the guidance of a qualified personnel experienced in erosion control and following the SWPPP specifications.

During the period of construction activity all erosion control measures shall be maintained by the contractor. At the completion of construction the contractor shall coordinate the transfer of required maintenance responsibilities to the Owner.

Roadways shall be kept cleared of accumulated sediment. Bulk clearing of accumulated sediment shall not include flushing the area with water. Cleared sediment shall be returned to the point of likely origin or other suitable location.

The contractor shall control waste, garbage, debris, wastewater, and other substances on the site in such a way that they shall not be transported from the site by the action of winds, stormwater runoff, or other forces. Proper disposal or management of all wastes and unused building materials appropriate to the nature of the waste or material is required.

The Owner's staff has the authority to conduct inspections of site activities as needed, to ensure compliance with the above cited plan and permit.

2. HOT MIX ASPHALT PAVEMENT

This item shall include the furnishing and installing complete and in place, all labor, materials and equipment necessary for the construction of hot mix asphalt pavement (HMA) base, intermediate, surface mixtures or other miscellaneous applications. Payment shall be based on the unit price per ton submitted.

All pavements shall be placed to facilitate drainage.

The course aggregate shall be crushed limestone. No slag or natural gravel materials shall be allowed.

The accepted quantities for this work will be paid for at the contract unit price per ton for HMA of the type specified, complete in place.

<u>Pay Item*</u>	<u>Pay Unit</u>
HMA, 9.5mm, Surface, Type B	Ton
HMA, 25.0mm, Base, Type B	Ton

3. SODDING

All areas disturbed by construction shall be returned to their previous state. The item shall include furnishing, complete and in place, six (6) inches thick topsoil and sod, except twelve (12) inches total soil material to be placed in locations containing No. 8 stone backfill. Both the sod and topsoil shall meet current industry standards. The item shall include, but not be limited to, all material, labor, tools, equipment, excavation, disposal, and backfill necessary to restore all areas. This shall include restoration of sprinkler systems (if necessary). Watering schedule for sod is to be followed as specified in INDOT Standards Specifications, except that it shall be watered for a minimum period of two months. This work will not be paid for separately but included with the applicable sod items. Payment for sodding shall be per square yard, measured in place.

4. STORM PIPE, GENERAL

Payment for storm sewer lines of various sizes, types and depths of cut shall be based upon the unit price per foot submitted and will include dewatering, backfilling, tamping, stoppers, testing, clean-up, bracing or shoring, culverts, curbs, gutters, paved ditches, existing utilities, connection to existing manholes. The quantity of the pipe to be paid will be as shown on plans unless changed by the engineer and shall include the length of pipe measured along the centerline of the completed pipelines without deducting the length of fittings, encasements and manhole. Rock excavation is included in this item and will not be paid separately. Milling and HMA surface is paid for under other bid items. Stone backfill for bedding of stormwater pipe and trench shall be included with the unit price per foot of storm pipe submitted. Stone backfill for bedding of stormwater pipe and trench is not a separate pay item.

5. SITE EARTHWORK

Payment of the site earthwork shall be based upon the lump sum unit price submitted and shall include all labor, materials, equipment, tools, and all other necessary items for work shown on the plans and specifications as it pertains to the grading shown on the plans with the exception of the detention basin and inline detention basins. This shall include excavation, grading, rock work, grading of ditches, removal of field tile within the right-of-way, rough grading of lot pads utilizing any excess soil which may be accumulated during construction of stormwater ditching, and all other necessary items to complete the work. Any field tile encountered on lots is the responsibility of the developer.

6. DETENTION BASIN AND INLINE DETENTION BASIN CONSTRUCTION

Payment of the detention basin construction and inline detention basin construction shall be based upon the lump sum unit price submitted and shall include all labor, materials, equipment, tools, and all other necessary items for work shown on the plans and specifications as it pertains to both the detention basin and inline detention basin respectively. This includes excavation, grading, rock work, outlet control measures, rough grading of lot pads utilizing any excess soil which may be accumulated during basin grade work, and all other necessary items to complete the work.

7. LIFT STATION CONSTRUCTION

Payment of the lift station construction shall be based upon the lump sum unit price submitted and shall include all labor, materials, equipment, tools, etc., and all other necessary items for work shown on the plans and specifications. This includes complete lift station construction including a new concrete wet well and valve pit, water tight access hatches, site work, new pumps and equipment, piping, electrical and controls as shown on construction plans, fencing, construction of the stone drive leading to the lift station, and all other necessary items to complete the work.

8. PRESSURE AND LEAKAGE TESTING OF WATER MAINS

Payment for pressure and leakage testing of water mains shall be based upon the unit price per linear foot and include all labor, materials and equipment necessary to provide the testing of the water mains.

Contractor is required to have a unit price bid of \$1.00/L.F. or more for pressure and leakage testing. Unit price bids for pressure and leakage testing less than \$1.00/L.F. may be considered non-responsive.

9. DISINFECTION OF WATER MAINS

Payment for disinfection at the water mains shall be based upon the unit price per linear foot and include all labor, materials and equipment necessary to provide the disinfection of the water mains. Contractor is required to have a unit price bid of \$1.00/L.F. or more for disinfection. Unit price bids for disinfection less than \$1.00/L.F. may be considered non-responsive.

10. BASIS OF PAYMENT INFORMATION

The items listed under Pay Items constitute all Pay Items for contract. Any other items of work listed in the Specifications, shown on the plans, or required for a complete installation (including ROCK EXCAVATION & Dewatering), shall be considered incidental to the above items and are not Pay Items. Specifically where so specified on plans for subgrade fill or grading, locating existing utility lines and cutting existing concrete or blacktop surface areas.

PAY ITEMS

Payment – Special Provisions

Quantities of crushed stone, sand, etc., will not be approved for payment, unless the corresponding delivery tickets have been received by the Engineer's Representative on the job site. Crushed stone and sand delivery tickets shall also be identified by the Contractor as to the location and purpose for which the material is used.

Prior to the approval of the Contractor's first monthly progress payment, verification must be furnished by the Contractor to Owner, that all material and equipment required for the project have been ordered.