



PRINCIPALS

George E. Hubbell
Thomas E. Biehl
Walter H. Alix
Keith D. McCormack
Nancy M. D. Faught
Daniel W. Mitchell
Jesse B. VanDeCreek
Roland N. Alix

SENIOR ASSOCIATES

Gary J. Tressel
Kenneth A. Melchior
Randal L. Ford
William R. Davis
Dennis J. Benoit
Robert F. DeFrain
Thomas D. LaCross
Albert P. Mickalich

ASSOCIATES

Jonathan E. Booth
Michael C. MacDonald
Marvin A. Olane
Marshall J. Grazioli
James F. Burton
Donna M. Martin
Charles E. Hart
Colleen L. Hill-Stramsak
Bradley W. Shepler
Karyn M. Stickel

HUBBELL, ROTH & CLARK, INC.

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ADDENDUM NO. 1 TO SPECIFICATIONS AND PLANS FOR THE KING STREET TILE DRAIN SAGINAW COUNTY, MICHIGAN

ISSUED: November 30, 2016

HRC Job No. 20160331

This Addendum is issued prior to receipt of bids to provide for certain changes and clarifications to the Specifications and/or the Plans, as herein specified, and is hereby made a part of the Contract Documents and shall be taken into consideration in preparing the Proposal. All other conditions remain the same. The following lists the extent of this Addendum. Descriptions of the changes or clarifications are given within each heading. **Please note that the date and time of the bid opening is still scheduled for Thursday, December 8, 2016 at 10:00 am, at the Saginaw County Public Works Commissioner's Office.**

The Bidder shall acknowledge the receipt of this Addendum by signing this Addendum and enclosing it in the submission of his bids. Failure to enclose Addendum No. 1 in the submission of bids may be justification for the bid proposal being rejected as non-responsive.

The following lists the extent of this Addendum. Description of the changes or clarifications are given within each heading:

PRE-BID MEETING INFORMATION

ISSUED: Pre-bid Meeting Notes and Sign-In Sheet – Attached herewith are the notes from the Pre-bid meeting held on November 21, 2016, including Contractor questions and responses. The notes also include additional questions that were submitted to HRC prior to the established deadline. A copy of the sign-in sheet has been included. Answers provided to bidder questions shall be considered conditions of the contract and taken into account in the preparation of bids.

SPECIFICATIONS ISSUED:

Proposal form (0005) Includes Addendum No. 1 acknowledgement section.

Added item for culvert crossing # 14 A to proposal form.
Changed of culvert crossing and bridge crossing sequence to proposal form.
Changed sequential numbering of item numbers in proposal form.
Item # 48 in proposal form changed to side drain culvert length.
Item #9 in proposal form culvert crossing # 2 Banner Rd must be poly-coated.
Exploratory dig added to bid document. Item # 79.
Flag-person added to bid document. Item # 75.
Gauge sizes added to bid tab for all culvert crossing replacements.
Changed quantity for Item #70.
Changed item description Item # 9.

Special Provision for County Drains

Clearing and Grubbing language added to SP for County Drains_SP1-2
Railroad Crossing added to Special Provisions for County Drains SP17-18

PLAN SHEETS CHANGES:

SHEET B: Added corrugation note.

SHEET B: Added Lull Drain Crossing Detail.

SHEET B: Added Saginaw Bay Southern RR culvert detail.

SHEET 1-12: Specified minimum bottom widths note.

SHEET 1-12: Revised all cross sections to reflect bottom width.

SHEET 1: Added Protect Bridge Note.

SHEET 2: Changed Lull Crossing Length and revised lull drain note.

SHEET 2: Revised lull drain note.

SHEET 2: Added poly-coat not for Crossing # 2.

SHEET 2 & 9: Revised pipe quantity.

SHEET 2, 5, 11 and 12: Added Gauge thickness to CMP culvert replacements.

SHEETS 2, 3, 7, 10, 11, and 12: Added Gauge thickness to CMP side drain culverts.

SHEET 4: Revised field tile note.

SHEET 12: Added corrugation note to Crossing # 22.

SUMMARY:

This Addendum No. 1 has been issued in order to clarify, modify, and add additional items to the original Bid Package. The Contractor shall acknowledge receipt of this Addendum No. 1 by signing in the location provided below and incorporating this Addendum No. 1 with the submission of his bid. Failure to include Addendum No. 1 and its attachments may result in rejection of the bid.

Very truly yours,

HUBBELL, ROTH & CLARK, INC.



James F. Burton
Principal

Attachments; Pre-Bid Meeting Minutes, Specifications, and Plan Sheets

pc: All Prospective Bidders
HRC; J.Burton, A.Groat, File

Received and Acknowledged By:

Company: _____

Signature: _____

Printed Name: _____

Title: _____

Date: _____



**PRE-BID MEETING MINUTES
King Street Tile Drain**

Date: Monday, November 21, 2016

Time: 10:00 a.m.

Meeting Held: Saginaw County Public Works Commissioner’s Office

PRINCIPALS

George E. Hubbell
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Keith D. McCormack
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Thomas G. Maxwell
Todd J. Sneathen
Aaron A. Uranga

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<u>Attendee Name</u>	<u>Representing</u>	<u>Phone No.</u>
Brian Wendling.....	Saginaw County Public Works Commissioner	989-790-5258
Marya Colpaert ..	Saginaw County Public Works Commissioner’s Office.....	989-790-5258
Jamie Burton	Hubbell, Roth & Clark	248-454-6363
Andy Groat	Hubbell, Roth & Clark	248-454-6381
Zervan Brothers		989-770-4680
Dan Bourdow		989-274-9342
Keith Bachman		810-639-6533
Brandon Kulmanek		989-295-5053
Dennis Kendall		810-659-7565
Suzie DeSonia.....		989-754-8050

PURPOSE: Pre-Bid Meeting

The project includes approximately 6.5 miles of open drain construction, including clearing, grubbing, and drain cleanout along King Street Tile Drain, located in Bridgeport Charter, Buena Vista Charter and Spaulding Townships and the City of Saginaw, Michigan.

1. Bids are due Thursday, December 8, 2016 at 10:00 a.m. to the office of the Saginaw County Public Works Commissioner, 111 S. Michigan Avenue, Saginaw, Michigan 48602. Bids will be opened at 10:00 a.m. Bidders are welcome to attend the opening. No bids will be accepted after this time.
2. The results of this meeting along with any changes will be posted in Addendum No. 1 on Wednesday, November 30, 2016. Contractors are responsible for ensuring they are in receipt of the addendum and must make it part of their bid package. These meeting minutes will be considered part of the contract documents
3. Each Proposal must be accompanied by a bid deposit in the form of a certified check, cashier's check or bid bond, executed by the bidder and Surety Company, payable to the King Street Tile Drain Drainage District in the amount of 5% of the amount of the Proposal. See Instructions to Bidders – Bid Deposit for more information.
4. Work will start upon issuance of the Notice to Proceed. Work is to be substantially complete by September 30, 2017. Final completion with all clean-up and punch-list items shall be completed by October 30, 2017.
5. Final contract approval and acceptance is anticipated by the end of December, 2016. Required submittals, as specified for review, shall take place prior to construction start date.

6. Contractor to pay special attention to Section 01001 – Special Project Requirements and the Special Provision for County Drains for project specific details.
7. Note that our detail sheets with descriptions are in the front of the plan set.
8. An exploratory dig allowance will be added as a line item to the proposal if necessary. This is only for Project Engineer or Owner directed exploratory digging. Contractor field locating staked utilities to determine location and depth of utilizes within the construction influence.
9. Only the Proposal sheets and Agreement sheets marked as Addendum No. 1 will be accepted.
10. All SESC measures are required, including inspections and maintaining the inspection logs by Certified Storm Water Operator (to be provided by contractor).
11. A Landowner Agreement is available for special situations that arise during construction.
12. Contractors are encouraged to visit the site prior to completing their bid package.
13. A line item for Railroad (RR) permit conditions, specifically providing flagman, will be included as an allowance of \$5000. This item shall be for the reimbursement of contractor paid fees to the RR company. The contractor shall minimize his operations to keep these fees as low as possible. All material and equipment must be on site and ready for installation prior to calling for RR inspection.
14. Culvert Gauges and corrugations shall be added to all culverts.
15. City Bridge Comments BC-1 and BC-2 shall be left in place and protected in the field. No construction equipment shall be permitted on these structures.
16. Permits for the Huron RR to occupy the ROW is in process.
17. A PDF of HRC's inspection report will be posted on line and made available for contractors. This is for Reference only and not for construction or shall not take the place of bidders visiting the site to determine the conditions under which the work is to be completed.
<https://www.dropbox.com/sh/jsm45i7xjedtx8l/AAASfO7M9-599r-QKH12x2vda?dl=0>
18. All trees are to be removed as called for on the plans. In areas close to private property, homes, etc. and significant trees or high quality species may be left if maintenance access can still be provided. Leaving trees will be at the discretion of the project engineer, owner or their representatives.
19. All trees are to be cut flush with grade except the ones that are grubbed and completely removed.

20. Burning & Chipping is permitted but the contractor shall pull local permits. Due to the timing of the year and proximity to residential structures, burning may not be available in all areas. Contractors to properly dispose of all materials.
21. Trees may be left at ROW line with land owner agreement.
22. Maintenance access west of RR from King Street.
23. EX Gas Main West of Sheridan.
24. An existing spoils area exists from station 255+00 to Mack Road. This area must be cleared and graded out before placing of additional spoils to be graded and restored. All costs associated shall be included in the unit prices bid.
25. MDOT plans for I-75. Owner will provide to lowest bidder.
26. The owner is working with landowner in attempts to have the fence on Washington (sheet 3) removed prior to construction. However , if it is not removed by landowner, the contractor is to carefully remove the fence and stack the fence on ROW.

These minutes are intended to be a summary of those items discussed. Any corrections and/or comments should be noted to the writer as soon as possible.

Respectfully submitted,

HUBBELL, ROTH & CLARK, INC.

[Jenny Kales](#)

Jenny Kales
Departmental Assistant

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 1

PROPOSAL
FOR
KING STREET TILE DRAIN
SAGINAW COUNTY, MICHIGAN

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
111 S. Michigan Avenue
Saginaw, Michigan 48602

Bids Due: December 8, 2016
On or Before 10:00 am, Local Time
HRC Job No. 20160331

To Prospective Bidders:

Name of Bidder: _____

Address: _____

Date: _____ Telephone: _____ Fax: _____

The above, as Bidder, hereby declares this bid is made in good faith without fraud or collusion with any persons bidding, and that the Drawings, Specifications, and all other information referenced in the Instructions to Bidders have been examined. Further, the Bidder is familiar with the location of the work described herein and is fully informed as to the nature of the work and the conditions relating to the performance of the Contract.

The Bidder acknowledges that no representations or warranties of any nature whatsoever have been received, or are relied upon from the Saginaw County Public Works Commissioner, its agents or employees, as to any conditions to be encountered in accomplishing the work and that the bid is based solely upon the Bidder's own independent judgment.

The above, as Bidder, hereby certifies that the Drawings, Specifications, and other data provided by the Owner for bidding purposes have been examined. Further, the undersigned certifies that the proposed construction methods have been reviewed and found acceptable for the conditions which can be anticipated from the information provided for bidding.

The Bidder hereby affirms that the site of work has been inspected and further declares that no charges in addition to the Individual Unit Prices shall be made on account of any job circumstances or field conditions which were present and/or ascertainable prior to the bidding. In addition, The Contractor, as such and as Bidder, shall make the determination as to existing soil conditions and shall also complete the work under whatever conditions created by the Contractor/Bidder's sequence of construction, construction methods, or other conditions the Contractor/Bidder may create, at no additional cost to the Owner.

The above, as Bidder, confirms knowledge of the location of the proposed King Street Tile Project and appurtenant construction in the Townships of Bridgeport, Spaulding, and the City of Saginaw, Saginaw County, Michigan, and the conditions under which it must be constructed; and also declares to have carefully examined the Drawings, Specifications, and Contract Documents which the Bidder understands and accepts as sufficient for the purpose of constructing said King Street Tile Drain Project, and appurtenant work, and agrees to contract with the Saginaw County Public Works Commissioner to furnish all labor, materials, tools, equipment, facilities and supervision necessary to do all the work specified and prescribed for the Saginaw County Public Works Commissioner, in strict accordance with the Owner's General Conditions, and with the full intent of the Drawings and Specifications, prepared by Hubbell, Roth & Clark, Consulting Engineers, and will accept in full payment therefore the sum of:

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 2

BASE BID

Item No.	Estimated Quantity	Unit	Description	Unit Price	Total Amount
<u>OPEN DRAIN CONSTRUCTION</u>					
1.	32,354	Lin. Ft.	Maintenance Access	_____	_____
2.	32,472	Lin. Ft.	Drain Cleanout	_____	_____
3.	32,272	Lin. Ft.	Spoil Leveling	_____	_____
4.	200	Lin. Ft.	Spoil Hauling	_____	_____
<u>CROSSINGS (Furnish and Install, Includes Riprap End Protection and Geotextile Fabric)</u>					
<u>Bridge Crossing #3 – STA. 29+40 (Farm Crossing – Section 12 Farms LLC)</u>					
5.	24	Lin. Ft.	Drain Cleanout	_____	_____
<u>Bridge Crossing #4 – STA. 33+32 (Road Crossing – M-13)</u>					
6.	53	Lin. Ft.	Drain Cleanout	_____	_____
<u>Culvert Crossing #1 -STA. 38+30 (Farm Crossing – C&C Barsenas)</u>					
7.	11	Lin. Ft.	84”x144” CMP (Remove Culvert)	_____	_____
<u>Culvert Crossing #2 –STA. 43+65 (County Road Crossing – Banner Rd)</u>					
8.	54	Lin. Ft.	84” x 96” CMP (Remove Culvert)	_____	_____
9.	79	Lin. Ft.	71” x 103” 10 GA.Poly-coated CMP (New Culvert)	_____	_____
10.	1	Lump Sum	County Road Reconstruction	<u>Lump Sum</u>	_____
<u>Culvert Crossing #3 – STA. 66+65 (Road Crossing – Casey Dr)</u>					
11.	40	Lin. Ft.	Culvert Cleanout	_____	_____

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
 KING STREET TILE DRAIN

PROPOSAL
 00005 / 3

Item No.	Estimate Quantity	Unit	Description	Unit Price	Total Amount
<u>CROSSINGS (Furnish and Install, Includes Riprap End Protection and Geotextile Fabric) – Continued</u>					
<u>Crossing #4 – STA. 76+36 (Farm Crossing – Section 12 Farms LLC)</u>					
12.	20	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Crossing #5 – STA. 81+27 (Road Crossing – Washington St)</u>					
13.	44	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Crossing #6 – STA. 102+47 (Road Crossing – Sheridan Rd)</u>					
14.	65	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Crossing #7-STA. 119+50 (Farm Crossing – Mark W. Boese)</u>					
15.	21	Lin. Ft.	84”x120” CMP (Remove Culvert)	_____	_____
16.	52	Lin. Ft.	83” x 128” 10 GA. CMP (New Culvert)	_____	_____
17.	1	Lump Sum	Natural Grass Reconstruction	<u>Lump Sum</u>	_____
<u>Bridge Crossing #5-STA. 128+87 (Railroad Crossing – Huron Eastern Railroad)</u>					
18.	40	Lin. Ft.	Drain Cleanout	_____	_____
<u>Culvert Crossing #8-STA. 131+10 (Farm Crossing – Dennis D. Feinhauer)</u>					
19.	21	Lin. Ft.	84”x126” CMP (Remove Culvert)	_____	_____
20.	48	Lin. Ft.	83” x 128” 10 GA. CMP (New Culvert)	_____	_____
21.	1	Lump Sum	Natural Grass Reconstruction	<u>Lump Sum</u>	_____
<u>Bridge Crossing #6 – STA. 153+90 (Road Crossing – Williamson Rd)</u>					
22.	48	Lin. Ft.	Drain Cleanout	_____	_____

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 4

Item No.	Estimate Quantity	Unit	Description	Unit Price	Total Amount
<u>CROSSINGS (Furnish and Install, Includes Riprap End Protection and Geotextile Fabric) – Continued</u>					
<u>Culvert Crossing #9 – STA. 159+35 (Road Crossing – Studor Rd)</u>					
23.	97	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Culvert Crossing #10 – STA. 179+74 (Road Crossing – King Rd)</u>					
24.	60	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Culvert Crossing #11 – STA. 202+14 (Road Crossing – Kansas Ave)</u>					
25.	56	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Culvert Crossing #12 – STA. 207+11 (Road Crossing – Kansas Ave)</u>					
26.	67	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Culvert Crossing #13 – STA. 219+93 (Road Crossing – Dixie Hwy)</u>					
27.	250	Lin. Ft.	Culvert Cleanout	_____	_____
<u>Culvert Crossing #14 – STA. 235+77 (Railroad Crossing – Saginaw Bay Southern Railroad)</u>					
28.	52	Lin. Ft.	Culvert Cleanout	_____	_____
29.	500	Sq. Ft.	PZ-27 Sheeting with Channel Cap	_____	_____
30.	30	Cyd	Grout	_____	_____
31.	70	Lin. Ft.	(42" Spiral Welded Steel Pipe .562 IN.)with Cement Mortar Lining, Welded Joints	_____	_____
32.	20	Cyd	Backfill	_____	_____
<u>Culvert Crossing #14A – STA. 239+86 (Railroad Crossing – Saginaw Bay Southern Railroad)</u>					
33.	1	Lump Sum	Cap 24" Steel Pipe	<u>Lump Sum</u>	_____

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 5

34.	31	Lin. Ft.	Fill 24" Steel Pipe-Cement or Cement Grout	_____	_____
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Culvert Crossing #15 – STA. 242+14 (Farm Crossing – Cheryl Vierke)

35.	23	Lin. Ft.	Culvert Cleanout	_____	_____
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Item No.	Estimate Quantity	Unit	Description	Unit Price	Total Amount
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CROSSINGS (Furnish and Install, Includes Riprap End Protection and Geotextile Fabric) – Continued

Culvert Crossing #16 – STA. 245+58 (Farm Crossing – George A & Sandra L. Lundy)

36.	23	Lin. Ft.	Culvert Cleanout	_____	_____
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Culvert Crossing #17 – STA. 256+61 (Farm Crossing – Darlene A. Munson)

37.	22	Lin. Ft.	Culvert Cleanout	_____	_____
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Culvert Crossing #18 – STA. 266+07 (Road Crossing – Mack Rd)

38.	59	Lin. Ft.	Culvert Cleanout	_____	_____
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Bridge Crossing #8 – STA. 278+25 (Road Crossing I-75)

39.	204	Lin. Ft.	Drain Cleanout	_____	_____
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Culvert Crossing #19 – STA. 283+90 (Farm Crossing – Eric Sherwood)

40.	24	Lin. Ft.	Culvert Cleanout	_____	_____
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Culvert Crossing #20 – STA. 307+40 (Farm Crossing – JA & JM Cararanza)

41.	23	Lin. Ft.	42" RCP (Remove Culvert)	_____	_____
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42.	45	Lin. Ft.	54" CMP 12 GA. (New Culvert)	_____	_____
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ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 6

43.	1	Lump Sum	Natural Grass Reconstruction	<u>Lump Sum</u>	_____
<u>Culvert Crossing #21-STA. 312+55 (Farm Crossing – Michael J & Pamela J. Gibson)</u>					
44.	43	Lin. Ft.	42” RCP (Remove Culvert)	_____	_____
45.	59	Lin. Ft.	54” CMP 12 GA.(New Culvert)	_____	_____
46.	1	Lump Sum	Natural Grass Reconstruction	<u>Lump Sum</u>	_____

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 7

Item No.	Estimate Quantity	Unit	Description	Unit Price	Total Amount
<u>CROSSINGS (Furnish and Install, Includes Riprap End Protection and Geotextile Fabric) – Continued</u>					
<u>Culvert Crossing #22 – STA. 329+30 (Farm Crossing – Carl P. & Mary L. Demaet)</u>					
47.	89	Lin. Ft.	30” RCP (Remove Culvert)	_____	_____
48.	102	Lin. Ft.	42” CMP 12 GA. (New Culvert)	_____	_____
49.	1	Lump Sum	Natural Grass Reconstruction	<u>Lump Sum</u>	_____
<u>SIDE DRAIN CROSSINGS (Includes Riprap and Geotextile Fabric)</u>					
50.	66	Lin. Ft.	36” CMP (New) 12 GA APPROX. STA: 36+95	_____	_____
51.	80	Cyd.	Add Heavy Rip Rap to 36” CMP at STA. 36+95	_____	_____
52.	24	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 43+30	_____	_____
53.	24	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 44+00	_____	_____
54.	24	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 67+80	_____	_____
55.	40	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 81+00	_____	_____
56.	24	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 173+00	_____	_____
57.	24	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 195+20	_____	_____
58.	24	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 265+80	_____	_____
59.	28	Lin. Ft.	18” CMP (New) 12 GA APPROX. STA: 272+60	_____	_____
60.	36	Lin. Ft.	36” CMP (New) 12 GA APPROX. STA: 285+85	_____	_____
61.	24	Lin. Ft.	12” CMP (New) 12 GA APPROX. STA: 292+70	_____	_____

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 8

Item No.	Estimate Quantity	Unit	Description	Unit Price	Total Amount
<u>SIDE DRAIN CROSSINGS (Includes Riprap and Geotextile Fabric) - Continued</u>					
62.	28	Lin. Ft.	12" CMP (New) 12 GA APPROX. STA: 312+20	_____	_____
63.	28	Lin. Ft.	12" CMP (New) 12 GA APPROX. STA: 317+15	_____	_____
64.	28	Lin. Ft.	12" CMP (New) 12 GA APPROX. STA: 332+60	_____	_____
65.	28	Lin. Ft.	18" CMP (New) 12 GA APPROX. STA: 337+50	_____	_____
<u>SOIL EROSION AND SEDIMENT CONTROL (Includes Geotextile Fabric)</u>					
66.	730	Lin. Ft.	Toe Protection	_____	_____
67.	110	Each	Field Tile and Surface Outlet Pipe Splash Pads	_____	_____
68.	20	Each	Side Drain Splash Pad	_____	_____
69.	10	Each	4"/8" Field Tile Outlet Repair (As Needed)	_____	_____
70.	220	Sq. Yds.	Rip Rap (as needed)	_____	_____
71.	1	Lump Sum	Seeding, Fertilizing, Mulching	<u>Lump Sum</u>	_____
<u>CLEARING AND DISPOSING OF TREES</u>					
72.	1	Lump Sum	+/-900 Lin. Ft. From King Rd North Westside of Railroad up to Drain STA. 235+00	<u>Lump Sum</u>	_____
<u>MISCELLANEOUS</u>					
73.	1	Lump Sum	Traffic Control	<u>Lump Sum</u>	_____
74.	1	Lump Sum	Remove/Replace Fencing	<u>Lump Sum</u>	_____

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 9

Item No.	Estimate Quantity	Days Unit	Flag Person Description	\$1,000.00 Unit Price	Total Amount
<u>MISCELLANEOUS - Continued</u>					
76.	50	Syd	Erosion Repair	_____	_____
77.	150	Lin. Ft.	Miscellaneous 12" Side Drain Culverts (As Needed)	<u>Lump Sum</u>	_____
78.	1	Lump Sum	Video Recording	<u>Lump Sum</u>	_____
79.	100	Lin. Ft.	Exploratory Dig	_____	_____

TOTAL AMOUNT OF BID _____

The Owner reserves the right to award the Base Bid or the Base Bid plus any or individual Alternate or combination of Alternates, depending upon the availability of funds.

The Owner, at its sole discretion, reserves the right to award to the Bidder who, in the sole determination of the Owner, will best serve the interest of the Owner. The Owner reserves the right to accept any bid, to reject any or all bids, to waive any and all informalities involving price, time, or changes in the work, and to negotiate contract terms with the successful Bidder, and the right to disregard all nonconforming, nonresponsive, unbalanced or conditional bids. However, it is the intention of the Owner to award to the low total bid to one bidder. Also, the Owner reserves the right to reject the bid of any Bidder if the Owner believes that it would not be in the best interest of the Project to make an award to that Bidder, whether because the bid is not responsive or the Bidder is unqualified, of doubtful financial ability, or fails to meet any other pertinent standard or criteria established by the Owner.

Each bidder agrees to waive any claim it has or may have against the Owner, the Architect/Engineer, and their respective employees, arising out of or in connection with the administration, evaluation, or recommendation of any bid.

Each Proposal must be accompanied by a bid deposit in the form of a certified check, cashier's check or bid bond, executed by the bidder and Surety Company, payable to the Wolf Creek Drain Drainage District in the amount of 5% of the amount of the Proposal. See Instructions to Bidders – Bid Deposit for more information.

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 10

TAXES

The Bidder affirms that all applicable Federal, State and Local taxes of whatever character and description are included in all prices stated in this Form of Proposal.

ADDENDA

The Bidder acknowledges the following Addenda, covering revisions to the drawings or specifications and the cost, if any, of such revision has been included in the quoted proposal:

Addendum No. _____	Dated _____

FEES

The Bidder shall refer to the General Conditions for allowable Fees for additional work performed, upon Owner’s written authorization, by Bidder’s own forces and/or for additional work, upon Owner’s written authorization, by Bidder’s subcontractors.

TIME OF COMPLETION

If awarded the Contract for the King Street Drain Project, we agree to have all work substantially completed by September 30, 2017. Substantial Completion is defined that the facility is ready to use for its intended purpose with all utility systems fully functional.

The Bidder hereby agrees to furnish the required Bonds, Insurance Certificates, and Policies within ten (10) days after acceptance of this Proposal.

Final Completion with all clean-up and punch-list items shall be complete by October 30, 2017.

The execution of all work and specific constraints as described in the contract drawings and specifications, with particular reference to Section 01001 Special Project Requirements, must be strictly adhered to.

LIQUIDATED DAMAGES

Time is of the essence for completion of this project in order to have the Project ready for the Saginaw County Public Works Commissioner. The Bidder guarantees that the work will be completed within the time limit stated herein before or within the time as extended as provided elsewhere in the Specifications. Inasmuch as the damage and loss to the Owner which will result from the failure of the Bidder to complete the work within the stipulated time, will be most difficult or impossible to accurately determine, it is mutually agreed that the damages to the Owner for such delay and failure on the part of the Bidder shall be liquidated in the amount of Five Hundred Dollars (\$500.00), for each and every calendar day by which the Bidder shall fail to complete the work or any part thereof within the provisions hereof, and such liquidated damages shall not be considered as a penalty.

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 11

The Owner will deduct and retain out of any money due or to become due hereunder the amount of the liquidated damages, and in case those amounts are less than the amount of actual liquidated damages, the Bidder shall pay the difference upon demand of the Owner.

We understand that liquidated damages may be assessed should we fail to meet the stipulated completion dates. Specifically, liquidated damages will be assessed daily beginning September 30, 2017 until such a time that Substantial Completion is achieved and further if all work is not completed by the Final Completion Date.

BIDS TO REMAIN FIRM

The price stated in this Proposal shall be guaranteed for a period of not less than 90 days from the bid due date and if authorized to proceed within that period, the bidder agrees to complete the work covered by the Proposal at said price.

If this Proposal is accepted by the Owner and the undersigned shall fail to contract as aforesaid and to furnish the required surety bonds within fifteen (15) days after being notified of the acceptance of their bid, then the undersigned shall be considered to have abandoned the contract, and the Certified Check, Cashier's Check or Bid Bond accompanying this Proposal shall be forfeited to the County of Saginaw.

If the undersigned enters into the contract in accordance with their proposal, or if their proposal is not accepted, then the accompanying bid guarantee shall be returned to the undersigned.

Company Name: _____

Signature: _____ Title: _____

Address: _____

County: _____ State: _____

Telephone No.: _____ Fax No.: _____

Email Address: _____

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 12

LEGAL STATUS OF BIDDER

This Bid is submittal in the name of:

(Print) _____

The undersigned hereby designates below the business address to which all notices, directions or other communications may be served or mailed:

Street _____

City _____

State _____ Zip Code _____

The undersigned hereby declares the legal status checked below:

- INDIVIDUAL
- INDIVIDUAL DOING BUSINESS UNDER AN ASSUMED NAME
- CO-PARTNERSHIP
- The Assumed Name of the Co-Partnership is registered in the County of _____, Michigan
- CORPORATION INCORPORATED UNDER THE LAWS OF THE STATE OF _____
- _____. The Corporation is
- LICENSED TO DO BUSINESS IN MICHIGAN
- NOT NOW LICENSED TO DO BUSINESS IN MICHIGAN

The name, titles, and home addresses of all persons who are officers or partners in the organization are as follows:

A corporation duly organized and doing business under the laws of the State of _____

NAME AND TITLE	HOME ADDRESS
_____	_____
_____	_____
_____	_____

Signed and Sealed this _____ day of _____, 20__.

By (Signature)

Printed Name of Signer

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 13

Title

BID BOND

We, the undersigned, _____

As Principal, hereinafter called the Principal, and _____

A corporation duly organized under the laws of the State of _____

As surety, hereinafter called the SURETY, are held and firmly bound unto:

The Owner: _____

in the sum of _____ Dollars (\$ _____),

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

WHEREAS, the Principal has submitted a bid for _____

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

Signed and sealed this _____ day of _____, 20____

(Witness)

(Principal)

(Seal)

(Title)

(Witness)

(Surety)

ADDENDUM NO. 1

SAGINAW COUNTY PUBLIC WORKS COMMISSIONER
KING STREET TILE DRAIN

PROPOSAL
00005 / 14

(Title)

END OF SECTION

SPECIAL PROVISION
COUNTY DRAINS

GENERAL

These provisions are intended to supplement local standards for Drain Maintenance and Improvement for projects performed under the Drain Code, PA 40 of 1956, as amended and used collectively with the Plans, Special Project Details, and the balance of contract specifications herein.

I. CLEARING AND SNAGGING

A. DESCRIPTION

This work will consist of providing the labor, materials, and equipment for removing fallen trees, log jams, and trees leaning over the Drain and either chipping on site or hauling the debris off-site. Stumps may remain for those trees cut down. On site disposal may be permitted outside of the Drain channel but within the Drain right of way with the permission of the Owner. Burying on site is not permitted. Access to areas of clearing and snagging may be difficult. Boats or barges may be required for access.

B. MATERIALS

NA

C. METHODS OF CONSTRUCTION

The means and methods of removal and hauling shall be established by the Contractor in coordination with the Project Engineer and tailored to specific conditions encountered at each section.

D. BASIS OF PAYMENT

Payment for Clearing and Snagging:

1. Basis of Measurement: At the unit price bid per linear foot as measured along the centerline of the Drain.
2. Basis of Payment: Includes labor and equipment for removal of fallen trees, log jams, and trees leaning over the Drain.

II. CLEARING AND GRUBBING

A. DESCRIPTION

This work will consist of providing the labor, materials, and equipment for clearing and/or clearing and grubbing of all areas which interfere with excavation, embankment, or clear drainage within top of bank to top of bank. See details on plan sheets.

B. MATERIALS

NA

C. METHODS OF CONSTRUCTION

The means and methods of clearing and grubbing are as follows:

1. Clearing shall consist of cutting, removing and disposing of all trees, stumps, brush, shrubs and other vegetation from the designated areas.
2. All trees are to be removed as called for on the plans in areas close to private property, homes, etc and significant trees or high quality species may be left if maintenance can still be provided. Contractor to work with the Project Engineer.
3. All trees are to be cut flush with grade.
4. Burning and chipping is permitted but the contractor shall pull local permits. Due to the timing of the year and proximity to residential structures, burning may not be available in all areas. Contractors to properly dispose of all materials.
5. Clearing and grubbing shall consist of all the items or work enumerated above for clearing and shall also include removing from the ground all roots, logs, brush, matted roots and debris of any nature within the areas designated and the subsequent disposal of all spoil materials from the project.
6. Unless otherwise specified, all materials to be chipped or burned on site and left in the Drain easement. Stumps, debris, and other items which are not chipped shall be removed from the site. No burying will be permitted.
7. Grading operations shall not be started in any area until the clearing and grubbing within the area affected has been completed.
8. All trees, shrubs and other plants not designated on the plans or by the Engineer to be removed shall be carefully protected.
9. All holes remaining after the grubbing operation in embankment areas shall have the sides broken down or leveled and shall be refilled with acceptable material, moistened and properly compacted in layers by tampers or rollers to the density required under Earth Excavation. The same construction procedure shall be applied to all holes remaining in excavation areas where the depth of holes exceeds the depth of the proposed excavation.
10. If the contract includes a separate item for "Clearing" or "Clearing and Grubbing," the contract unit price per acre or per station shall be payment in full for performing all work as herein specified.
11. If the contract does not include a separate item for "Clearing" or "Clearing and Grubbing," these items will be considered as incidental to the work of Earth Excavation.

D. BASIS OF PAYMENT

Payment for Clearing and Grubbing:

Railroad Crossing #14 (STA. 235+77)

1. GENERAL

- a. The existing concrete culvert shall remain in place. A new spiral welded steel pipe coated with cement mortar shall be inserted, full length, after debris and sediment have been removed. The void between the pipe outside diameter and the inside face of the existing culvert shall be filled with a pumpable concrete. New end of pipe wingwalls and headwall shall be installed.
- b. Railway coordination and Right to Entry Permits, as required, shall be provided by the Contractor.

2. ENGINEERING AND MATERIALS (Crossing #14)

- a. Submittals:
 1. Contractor shall submit shop drawings for all proposed materials for the crossing demonstrating compliance to the specifications herein at least 14 days prior to mobilization to the site. This shall also include a plan of work detailing the contractor's sequencing and construction means. This will be for the owner's information and will not be reviewed or approved. Means and methods are the sole responsibility of the contractor.
 2. Deviations proposed by the contractor shall be submitted on shop drawings, signed and sealed by the professional responsible for their preparation who is licensed in the state of Michigan. Design, calculations and construction shall be done in accordance with the specifications herein, the American Railway Engineering and Maintenance of Way Association (AREMA), Manual for Railway Engineering of Pipelines, and other applicable standards. Carrier pipe shall be designed to independently resist a live load of E-80.
- b. Materials:
 1. Carrier Pipe shall be 42" spiral welded steel pipe with cement mortar lining. Spiral welded steel pipe shall have a minimum wall thickness of 0.562" and shall be in accordance with ASTM A139, Grades C, D or E. All pipe joints shall be field welded bell and spigot lap joints.
 2. The void between the carrier pipe outside diameter and the inside of the existing concrete structure shall be filled with a pumpable concrete mix. This concrete shall be air entrained to 6% plus or minus 1%, contain MDOT 26A coarse aggregate, 2NS fine aggregate and a maximum water to cement ratio (by volume) of 0.443. This concrete mix shall be alkali silica reactivity resistant (ASR).

ADDENDUM NO. 1
SPECIAL PROVISION FOR COUNTY DRAINS
SAGINAW COUNTY PUBLIC WORKS COMMISSIONER SP. PROVISION FOR COUNTY DRAINS
KING STREET TILE DRAIN CD SP / 18

3. Steel sheet piling shall be permanent PZ27, ASTM A572, Grade 50, new and hot rolled. Minimum embedment depth for steel sheet piling shall be 15 feet.
4. Channel caps welded to the steel sheet pile shall be a minimum of 3/8" thick and ASTM A572, Grade 50.
5. Rip Rap shall be MDOT Plain Rip Rip. Backfilling with the plain riprap shall occur between the wingwalls and steel sheeting.

3. CONSTRUCTION (Crossing #14)

- a. General construction sequence shall be; coordination railroad Right of Way entry (including permits as required), develop site access road, remove sediment and debris from within the existing concrete culvert, install the steel sheet piling and cap, install the spiral welded steel pipe to the proper inverts as shown on the plans, pump concrete to fill the void between the spiral welded steel pipe outside diameter and the inside face of the existing concrete structure, backfill between the face of steel sheeting and the existing slope from the rail road bedding.
- b. Construction shall be in accordance with the 2012 Standard Specifications for Construction as issued by the Michigan Department of Transportation, Division 4 for Drainage Features.

4. BASIS OF PAYMENT (Crossing #14)

- a. Basis of Measurement: shall be as stated in the proposal for "Culvert Cleanout", "PZ-27 Sheeting with Channel Cap", "Grout", "42" Spiral Welded Steel Pipe with Cement Mortar Lining," "Welded Joints," and "Backfill."
- b. Basis of Payment: Includes the furnishing of signed and sealed calculations for the structural design of the pipe crossing (including sheet piling) as well as all material, labor, and equipment for installation of spiral welded steel pipe culvert, steel sheet piling and channel cap, site access and site restoration, removal of existing sediment and debris from within the existing concrete culvert, and riprap backfill materials.

Railroad Crossing #14A (STA. 239+86)

1. Cap and Fill 24"
 - a. Bulkhead – Per MDOT standards
 - b. Fill – Concrete or cement grout
 - c. Backfill – Fill in eroded area over pipe with plain rip rap