

Item	Item Description	Quantity	Unit	Bid Unit Price	Item Total
Franklin Boulevard Reconstruction:					
FT-1	Base Bid (Subtotal from BF-2)				\$2,928,295.27
FT-2	Franklin General Allowance	1	LS		\$100,000.00
SUBTOTAL FRANKLIN RECONSTRUCTION:					\$3,028,295.27
(BID FORM 2 - SUBTOTAL)					
* Indicates full or partial contingency quantity is included and is to be used as directed					
TOTAL PROJECT BID:					\$64,877,635.55
(ITB SUBTOTAL + ITB ALLOWANCES + FRANKLIN SUBTOTAL)					

BIDDER SIGNATURE:

Signature: *Justin Sank* DATE: 5/31/2023
 Name/Title: Justin Sank / VP of US Foundations
 Company: MICHEL'S CONSTRUCTION INC.

Item	Item Description	Quantity	Unit	Bid Unit Price	Item Total
Contingency Quantities					
C-1	Pavement Removed*	100	SY	\$16.60	\$1,660.00
C-2	Guardrail Removed*	25	LF	\$58.00	\$1,450.00
C-3	Sewer Removed*	300	LF	\$48.37	\$14,511.00
C-4	Manhole or Catch Basin Removed*	4	EA	\$1,443.90	\$5,775.60
C-5	Scrap Tires Removed*	100	EA	\$45.66	\$4,566.00
C-6	Solid Waste - General*	100	CY	\$327.52	\$32,752.00
C-7	Solid Waste - Construction Debris*	200	CY	\$159.95	\$31,990.00
C-8	Subgrade Removal and Replacement w/304*	75	CY	\$149.01	\$11,175.75
C-9	Drainage Blanket Repairs*	200	CY	\$90.25	\$18,050.00
C-10	Geotextile Fabric*	1,000	SY	\$2.02	\$2,020.00
C-11	6" PVC Underdrains*	500	LF	\$33.08	\$16,540.00
C-12	12" Storm Sewer *	500	LF	\$84.80	\$42,400.00
Contingency Quantities Subtotal					\$182,890.35
SUBTOTAL ITB PROJECT COST BID:					\$59,069,340.28
Allowances:					
A-1	Foundation Removal	1	LS		\$50,000.00
A-2	Bulkhead Wall Obstruction Removal	1	LS		\$400,000.00
A-3	Permit Allowance	1	LS		\$30,000.00
A-4	General Allowance	1	LS		\$2,300,000.00
SUBTOTAL ITB ALLOWANCES:					\$2,780,000.00

Item	Item Description	Quantity	Unit	Bid Unit Price	Item Total
Bulkhead Walls					
S-1	B0-B1: North End Sheet Pile Wall w/Braces	1	LS	\$153,101.02	\$153,101.02
S-2	B1-B2: Section BB Bulkhead Sheet Pile Wall	1	LS	\$4,409,676.91	\$4,409,676.91
S-3	B2-B3: Section AA2 Bulkhead Combi Wall	1	LS	\$2,580,169.11	\$2,580,169.11
S-4	B3-B4: Section AA1 Bulkhead Combi Wall	1	LS	\$16,027,372.16	\$16,027,372.16
S-5	B4-B5: Section CC Bulkhead Combi Wall	1	LS	\$8,372,249.58	\$8,372,249.58
S-6	B5-B6: South End Sheet Pile Wall w/Braces	1	LS	\$197,253.56	\$197,253.56
S-7	Bulkhead Stone Backfill and Underdrain	1	LS	\$1,446,751.81	\$1,446,751.81
S-8	Green Bulkhead Woody Debris Cage Assembly	191	EA	\$5,288.47	\$1,010,097.77
S-9	Green Bulkhead Planter Bed Assembly	64	EA	\$8,402.61	\$537,767.04
Bulkhead Walls Subtotal					\$34,734,438.96
Pavements and Restoration					
P-1	Riverbed Aggregate Pavement	5560	SY	\$19.89	\$110,588.40
P-2	Terrace Path Aggregate Pavement	2000	SY	\$22.76	\$45,520.00
P-3	Bulkhead Wall Aggregate Pavement	3680	SY	\$66.31	\$244,020.80
P-4	Wooden Fence	1020	LF	\$103.29	\$105,355.80
P-5	Permanent Seeding & Mulching	1	LS	\$110,596.04	\$110,596.04
Pavements and Restoration Subtotal					\$616,081.04
GPP Electrical Duct Bank					
EL-1	5" Duct Bank - 2X3	2,600	LF	\$166.41	\$432,666.00
EL-2	5" Fiberglass Conduit, Exposed on Tunnel Ceiling	1,200	LF	\$73.48	\$88,176.00
EL-3	15Kv Wire, 3 Conductor, 400 amps	3500	LF	\$161.07	\$563,745.00
EL-4	15Kv Wire, 3 Conductor, Splice Kits	14	EA	\$2,810.73	\$39,350.22
EL-5	Stainless Steel Pullbox in Tunnel Ceiling	1	EA	\$7,024.94	\$7,024.94
EL-6	Concrete Manholes	7	EA	\$19,795.25	\$138,566.75
GPP Electrical Duct Bank Subtotal					\$1,269,528.91

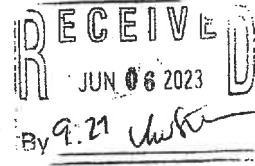
Item	Item Description	Quantity	Unit	Bid Unit Price	Item Total
E-7	Lead Contaminated Fill Disposal*	4,455	TON	\$332.83	\$1,482,757.65
Grading and Earthwork Subtotal					\$7,697,232.99
Drainage					
D-1	24" Storm Sewer, RCP Class IV	113	LF	\$198.09	\$22,384.17
D-2	24" Storm Sewer	617	LF	\$312.72	\$192,948.24
D-3	18" ODOT Storm Sewer	276	LF	\$143.75	\$39,675.00
D-4	18" Storm Sewer, RCP Class IV	187	LF	\$151.27	\$28,287.49
D-5	18" Storm Sewer	379	LF	\$171.11	\$64,850.69
D-6	15" Storm Sewer	1278	LF	\$109.96	\$140,528.88
D-7	12" Storm Sewer	437	LF	\$104.33	\$45,592.21
D-8	12" Storm Sewer, RCP Class IV	133	LF	\$128.64	\$17,109.12
D-9	ODOT Storm Manhole	2	EA	\$19,018.17	\$38,036.34
D-10	Storm Manhole	9	EA	\$8,606.53	\$77,458.77
D-11	Storm Catch Basin	18	EA	\$5,444.29	\$97,997.22
D-12	Storm Headwall	2	EA	\$3,782.85	\$7,565.70
D-13	Hydrodynamic Separator	1	EA	\$39,548.92	\$39,548.92
D-14	Pond Control Structures	2	EA	\$9,772.07	\$19,544.14
D-15	Reconstruct Manholes to Grade	2	EA	\$3,316.19	\$6,632.38
D-16	6" PVC Underdrains - Riverbed	2,700	LF	\$32.69	\$88,263.00
D-17	6" PVC Underdrains - Terrace	1,500	LF	\$32.73	\$49,095.00
D-18	Green Bulkhead - Water Quality Ponds, Irrigation System & Lighting	1	LS	\$264,465.32	\$264,465.32
Drainage Subtotal					\$1,239,982.59
Westerly Low Level Interceptor Improvements					
W-1	Repair Site 1 Improvements	1	LS	\$1,363,592.00	\$1,363,592.00
W-2	Repair Site 2 Improvements	1	LS	\$4,559,662.00	\$4,559,662.00
W-3	Reconstruct WLLI Manholes to Grade and Point Repairs	1	LS	\$81,549.42	\$81,549.42
Westerly Low Level Interceptor Improvements Subtotal					\$6,004,803.42

PROJECT BID FORM 1



**Cleveland Cuyhoga County Port Authority
Irishtown Bend Stabilization and Rehabilitation (ITB)
Project**

Item	Item Description	Quantity	Unit	Bid Unit Price	Item Total
General Items					
G-1	Mobilization/Demobilization, Site Controls, & General Conditions	1	LS	\$3,081,687.68	\$3,081,687.68
G-2	SW3P Improvements	1	LS	\$691,006.64	\$691,006.64
G-3	Instrumentation & Monitoring Plan	1	LS	\$1,501,488	\$1,501,488.00
G-4	Construction Layout Stakes and Surveying	1	LS	\$418,204.61	\$418,204.61
G-5	Bid, Performance & Payment Bond	1	LS	\$359,460.23	\$359,460.23
General Items Subtotal					\$6,051,847.16
Site Preparation					
R-1	Site Clearing & Grubbing	1	LS	\$438,815.85	\$438,815.85
R-2	Pavement Removal	1	LS	\$457,820.38	\$457,820.38
R-3	Wall Removal	1	LS	\$20,365.01	\$20,365.01
R-4	Guardrail Removal	1	LS	\$10,430.59	\$10,430.59
R-5	Fence Removal	1	LS	\$13,989.45	\$13,989.45
R-6	Underground Utility Lines Removed or Abandoned (Grout Filled)	1	LS	\$130,691.03	\$130,691.03
R-7	Miscellaneous Items Removed	1	LS	\$38,120.18	\$38,120.18
R-8	NEORSD Pump and Forcemain Removed/Abandoned	1	LS	\$8,628.71	\$8,628.71
R-9	Structure/Building Demo (Partial)	1	LS	\$153,673.66	\$153,673.66
Site Preparation Subtotal					\$1,272,534.86
Grading and Earthwork					
E-1	Topsoil Strip & Stockpile	1	LS	\$75,945.89	\$75,945.89
E-2	Excavation - Phase 1	1	LS	\$820,254.16	\$820,254.16
E-3	Excavation and Embankment Phase 2	1	LS	\$748,917.6	\$748,917.60
E-4	Topsoil Furnish and Placed	1	LS	\$160,561.94	\$160,561.94
E-5	Clean Fill Disposal*	107,000	CY	\$27.77	\$2,971,390.00
E-6	Petroleum Contaminated Fill Disposal*	22,275	TON	\$64.53	\$1,437,405.75



**IRISHTOWN BEND STABILIZATION AND
REHABILITATION PROJECT**

Attention: Ms. Linda Sternheimer, 1100 West Ninth
Street, Suite 300, Cleveland, Ohio 44113

MICHELS[®]
CONSTRUCTION, INC.