

Purchasing Division Finance Department

Room 120 411 West First Street Duluth, Minnesota 55802



Addendum 5 Solicitation 23-AA07 Duluth Coastal Infrastructure Rehabilitation Project

This addendum serves to notify all bidders of the following changes to the solicitation documents:

- 1. Bidders are reminded that even though a pdf of the bid form is included in the bid documents, all bids MUST be submitted electronically via www.bidexpress.com.
- 2. Please see the attached documents from AMI for changes to the plans and specs and answers to questions.
- 3. Federal Heavy Wage Decision IL20230018 affecting dredging and marine construction has been updated. A revised labor cost bidding data form and the new wage decision are attached.

Please acknowledge receipt of this Addendum by checking the acknowledgment box within the www.bidexpress.com solicitation.

Posted: August 18, 2023



August 18, 2023

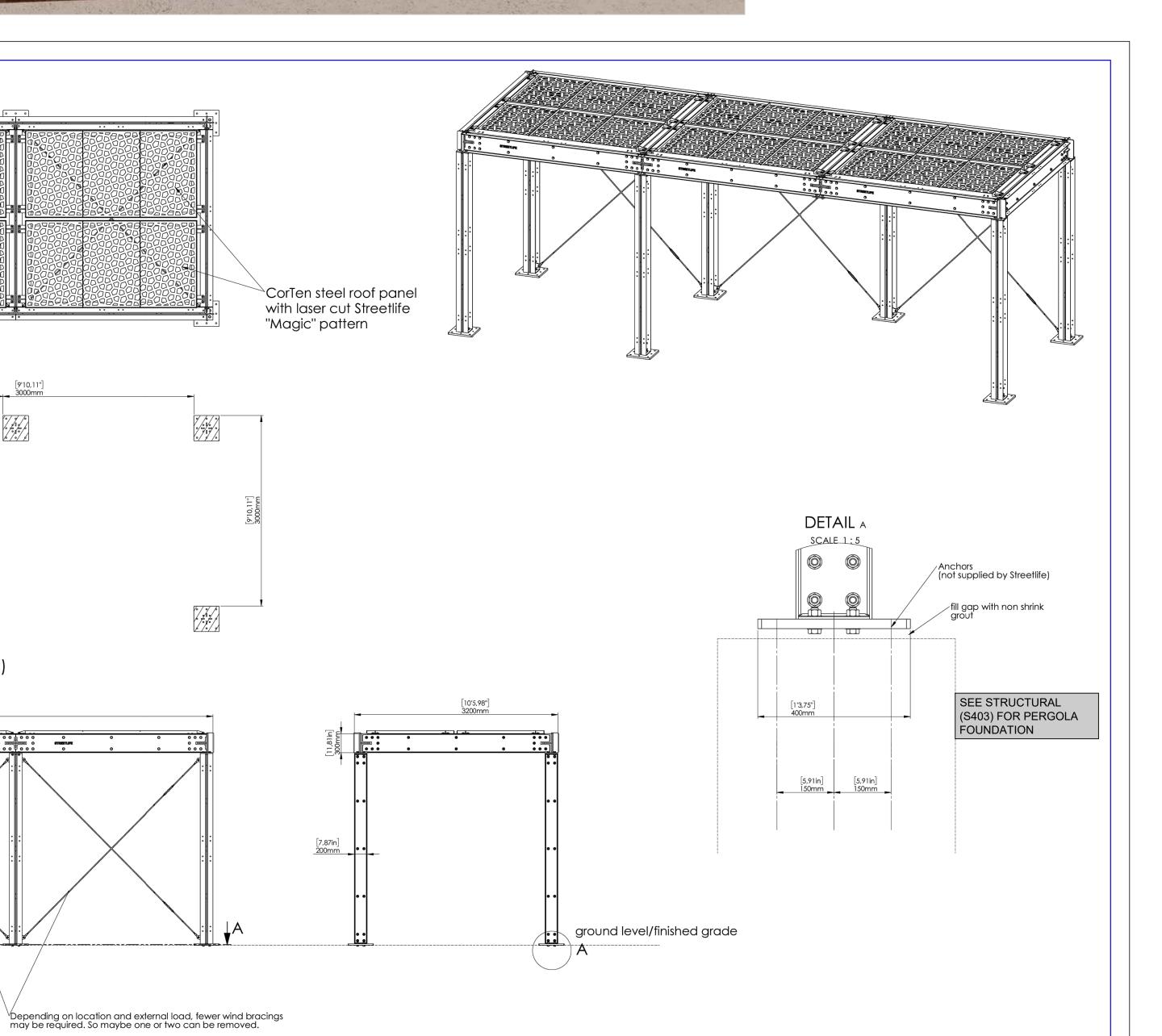
Re: Duluth Coastal Infrastructure Rehabilitation – Addendum #5 AMI Project # 211016

1. Question:

The bid form is stating that there is only one (1) pergola, but the plans clearly show two (2) pergolas. Could you please revise the bid form to accurately show a quantity of two (2) pergolas?

Answer:

The pergola bid item is presented as a lump sum cost on the bid form. There are two separate pergola structures that should be accounted for under this lump sum bid item. The updated bid form is attached to this addendum. The updated plan sheet L505 is attached to this addendum.



Drawing for approval

STREETLIFE

T+31 (0) 71-3333333

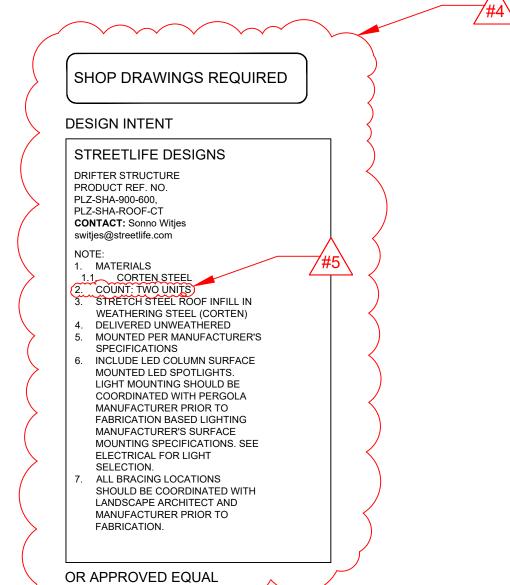
www.streetlife.nl Item name:

Herengracht 36 2312 LD Leiden The Netherlands drawn by: CJOH drawn date: 24-12-2021

Baywalk - Duluth, MN

10-NA220584 US-001-R0-1

project nr: NA220584 US



Consulting Engineers P.A.



MECHANICAL, ELECTRICAL, PLUMBING (MEP)

| DATE: REV: BED | DESCRIPTION | REV. BY: OR REPORT WAS PORT WAS P

JOB No: 21058

DATE: 6/22/2023

DRAWN BY:M.Convery

DESIGNED BY:T.Minarik

L505

01 L505

PERGOLA

PERGOLA FEATURE

PERGOLA UNIT

Steel/Stahl: Corten steel

nodes/Knoten: Hot dip galvanized steel

Fixings Stainless steel

3628.5

Metric units are leading

*TWO UNITS ARE SPECIFIED TO COMPOSE FULL

MATERIALS:

6 0 0 0 0 10 0 0 10 0 SECTION A-A (floorplan)

[30'2,20"] 9200mm

В

BID PROPOSAL FORM

The purpose of this BID PROPOSAL FORM is to present Unit Costs for installation of each system and materials not purchased by Owner. Miscellaneous materials required by the Contractor not on the bid form shall remain the responsibility of the contractor and are to be included in the Unit Costs for this project. Contractor is responsible for providing final quantities of materials based on their bid.

NOTE: All costs are to be considered final installed or final installed & removal costs. Include cost for all materials not purchased by owner, hardware, shipping, fabrication, labor, equipment, insurance, permits state and local taxes, overhead and profit to properly install items listed under each system. Contractor shall determine earthwork quantities necessary to construct the project per the Construction Documents and as indicated in the Geotechnical Report.

LINE ITEM NO.	SPEC ITEM NO.	ITEM DESCRIPTION		UNIT	TOTAL ESTIMATED QUANTITIES	соѕт
		RIAL HANDLING			4	
2		EDA FUNDED MOBILZATION NON-EDA FUNDED EDA MOBILIZATION		LUMP SUM	1	
3		MATERIAL HANDLING		LUMP SUM	1	
	Πά		TION & MAT		ING SUBTOTAL	
CIVIL						
C1	2101.502	GRUBBING		TREE	44	
C2	2104.502	REMOVE PLANTER		EACH	3	
C3	2104.502	REMOVE CONCRETE PLANTER		EACH	5	
C4	2104.502	SALVAGE BENCH		EACH	3	
C5 C6	2104.502 2104.502	SALVAGE BOUY SALVAGE SIGN		EACH EACH	1 8	
C7	2104.502	REMOVE MANHOLE		EACH	2	
C8	2104.502	REMOVE CATCH BASIN		EACH	7	
C9	2104.502	REMOVE HYDRANT		EACH	2	
C10	2104.502	REMOVE GATE VALVE AND BOX		EACH	1	
C11	2104.502	SALVAGE LIGHTING UNIT		EACH	12	
C12	2104.502	REMOVE LIGHT FOUNDATION		EACH	12	
C13	2104.503	REMOVE CURB AND GUTTER		LIN FT	140	
C14 C15	2104.503	SAWING CONCRETE DAVEMENT (FULL DEPTH)		LIN FT	389 1285	
C15	2104.503 2104.503	SAWING CONCRETE PAVEMENT (FULL DEPTH) REMOVE WATER MAIN		LIN FT LIN FT	1285 244	
C10	2104.503	REMOVE WATER MAIN REMOVE SEWER PIPE (STORM)		LIN FT	618	
C18	2104.503	REMOVE RETAINING WALL		LIN FT	141	
C19	2104.503	REMOVE FENCE		LIN FT	353	
C20	2104.507	REMOVE RIPRAP		CU YD	249	
C21	2104.518	REMOVE CONCRETE RUBBLE		SQ FT	5400	
C22	2104.518	REMOVE CONCRETE PAVEMENT	(=)	SQ FT	25848	
C23	2104.518	REMOVE BITUMINOUS PAVEMENT	(P)	SQ FT	840	
C24 C25	2104.518 2104.518	REMOVE PAVEMENT REMOVE BITUMINOUS WALK		SQ FT SQ FT	2093 2134	
C25	2104.518	REMOVE CONCRETE SIDEWALK		SQ FT	29514	
C27	2104.518	REMOVE CONCRETE DRIVEWAY PAVEMENT	(P)	SQ FT	159	
C28	2104.618	SALVAGE BOARDWALK	(* /	SQ FT	5793	
C29	2104.602	SALVAGE STATUE AND BASE		EACH	1	
C30	2104.602	REMOVE STATUE FOUNDATION		EACH	1	
C31	2104.602	REMOVE STEEL PILES		EACH	72	
C32	2104.602	REMOVE CONCRETE POSTS		EACH	62	
C33 C34	2106.507 2106.507	COMMON EMBANKMENT (CV) EXCAVATION - COMMON	(D)	CU YD	2296 8557	
C35	2108.507	GEOTEXTILE FABRIC TYPE 4	(P)	SQ YD	4590	
C36	2108.504	GEOTEXTILE FABRIC TYPE 7		SQ YD	7538	
C37	2211.507	AGGREGATE BASE (CV) CLASS 5	(P)	CU YD	1914	
C38	2212.507	DRAINABLE AGGREGATE BASE, TYPE OGAB	(P)	CU YD	4619	
C39	2301.502	DOWEL BAR		EACH	969	
C40	2301.503	INTEGRANT CURB DESIGN B6		LIN FT	505	
C41	2301.503	INTEGRANT CURB DESIGN D4		LIN FT	91	
C42	2301.504	CONCRETE PAVEMENT 8"		SQ YD	1465	
C43 C44	2301.508 2301.602	SUPPLEMENTAL PAVEMENT REINFORCEMENT DRILL & GROUT REINF BAR (EPOXY COATED)		POUND EACH	1320 389	
C44 C45	2302.503	JOINT & CRACK REPAIR (TYPE B3)		LIN FT	200	
C45	2302.503	FULL DEPTH REPAIR (TYPE CD-LV)		LIN FT	200	
C47	2302.504	PARTIAL DEPTH REPAIR (TYPE BA)		SQ YD	65	
C48	2360.509	TYPE SP 9.5 WEARING COURSE MIXTURE (3,C)		TON	80	
C49	2411.607	CONCRETE STEPS		CU YD	141	
C50	2451.607	MEDIUM FILTER AGGREGATE (CV)		CU YD	707	
C51	2503.503	12" RC PIPE SEWER DESIGN 3006 CLASS V		LIN FT	204	
C52	2503.503	15" RC PIPE SEWER DESIGN 3006 CLASS V		LIN FT	38	
C53 C54	2503.503 2503.503	30" RC PIPE SEWER DESIGN 3006 CLASS V 48" RC PIPE SEWER DESIGN 3006 CLASS V		LIN FT LIN FT	101 231	
C54	2503.503	CONNECT TO EXISTING STORM SEWER		EACH	8	
C56	2504.602	HYDRANT ASSEMBLY		EACH	2	
C57	2504.602	CONNECT TO EXISTING WATER MAIN		EACH	3	
C58	2504.602	2" CORPORATION STOP		EACH	2	
C59	2504.602	1" CURB STOP AND BOX		EACH	2	
C60	2504.602	1" BLOW-OFF		EACH	2	
C61	2504.602	ABOVE GROUND METER AND BACKFLOW PREVENTER		LUMP SUM	1	
C62	2504.603	2" TYPE PE PIPE		LIN FT	166	
C63	2504.603	8" WATERMAIN DUCTILE IRON CL 52		LIN FT	98	
C64 C65	2504.604 2506.502	3" POLYSTYRENE INSULATION CASTING ASSEMBLY		SQ YD EACH	90 12	
000	2000.002		1	LAUH	۱۷	

C66 C67 C68				I	
C68	2506.502	ADJUST FRAME AND RING CASTING	EACH	2	
	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 48-4020	LIN FT	34	
CEO	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 60-4020	LIN FT	13	
C69	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 72-4020	LIN FT	6	
C70	2506.503	CONSTRUCT DRAINAGE STRUCTURE DESIGN 84-4020	LIN FT	24	
C71	2520.507	LEAN MIX BACKFILL	CU YD	27	
C72	2521.518	4" CONCRETE WALK	SQ FT	14713	
C73	2521.518	6" CONCRETE WALK	SQ FT	19988	
C74	2531.503	CONCRETE CURB AND GUTTER DESIGN B624	LIN FT	56	
C75	2531.503	CONCRETE CURB AND GUTTER DESIGN B024 CONCRETE CURB AND GUTTER DESIGN D424	LIN FT	951	
C76	2531.503	CONCRETE CURB DESIGN V6	LIN FT	13	
C76				13	
-	2531.504	6" CONCRETE DRIVEWAY PAVEMENT	SQ YD		
C78	2531.618	TRUNCATED DOMES	SQ FT	82	
C79	2540.601	PREFABRICATED LOADING DOCK	LUMP SUM	1	
C80	2540.603	BOARDWALK - CONCRETE BEAM	LIN FT	5271	
C81	2540.603	BOARDWALK - OUTER CONCRETE BEAM	LIN FT	1601	
C82	2540.603	TIMBER NAILER	LIN FT	6872	
C83	2540.618	INSTALL BOARDWALK	SQ FT	14041	
C84	2540.618	FLAGSTONE WITH DECOMPOSED GRANITE	SQ FT	2757	
C85	2545.511	LIGHTING UNIT TYPE SPECIAL	EACH	1	
C86	2545.515	LIGHT FOUNDATION TYPE SPECIAL	EACH	1	
C87	2545.523	2" NON-METALLIC CONDUIT	LIN FT	192	
C88	2545.531	UNDERGROUND WIRE 1 COND NO 8	LIN FT	808	
C89	2545.531	UNDERGROUND WIRE 1 COND NO 12	LIN FT	110	
C90	2564.518	SIGN PANELS TYPE C	SQ FT	64	
C91	2564.602	INSTALL SIGN	EACH	1	
C92	2573.501	STABILIZED CONSTRUCTION EXIT	LUMP SUM	2	
C92	2573.501	CULVERT END CONTROLS	EACH	1	
-				·	
C94	2573.502	STORM DRAIN INLET PROTECTION	EACH	16	
C95	2573.503	SEDIMENT CONTROL LOG TYPE STRAW	LIN FT	629	
C96	2573.503	FLOTATION SILT CURTAIN TYPE STILL WATER	LIN FT	148	
C97	2574.507	COMMON TOPSOIL BORROW	CU YD	252	
C98	2582.503	4" SOLID LINE PAINT (WR)	LIN FT	217	
C99	2582.503	4" DOUBLE SOLID LINE PAINT (WR)	LIN FT	1104	
C100	2582.518	CROSSWALK PAINT GROUND IN (WR)	SQ FT	178	
			C	IVIL SUBTOTAL	
CIVIL TRA	NSPORTATION	ON			
CT1	SCT-09	Steel Sheet Pile Installation (Installation)	SF	63250	
CT2	SCT-02	Double Channel Wale (Installation)	LF	1210	
CT3	SCT-07	Steel Pipe Piles (Installation)	LF	5198	
CT4	SCT-06	Tie Rods and Hardware	LF	3700	
CT5	SCT-08	Helical Anchors	EACH	162	
CT6	SCT-02	Bent Plate Steel Pile Cap (Installation)	LF	1210	
CT7	na	Chain Guardrail Along Dock Wall	EACH	110	
CT8	na	Solid Guardrail Along Dock Wall	LACIT	276	
CT9	SCT-01	Concrete Storm Retaining Wall	CY	620	
CT10	SCT-01	Storm Doors @ Retaining Wall Opening Locations (8 total)	LS	1	
CT10	SCT-04 SCT-11	New Bollards and New Foundations	EACH	17	
CT11	SCT-11	Steel H Pile for Bollards HP 12 x 63 @ Bollard Locations	LF	1938	
CT12	1		LF LF	3927	
	na	Steel H Pile A Frame HP 14 x 89 @ Bollard Locations New Dock Cleats	EACH	3927 26	
CT14	na			/ D	
CT15	na COT 02	Open Graded Aggregate Base			
CT16	SCT-03	Observation Programme (D. J. D. 1957)	CY	3350	
CT17	. no	Single Row Timber (Rub Rail Fender)	CY LF	3350 1030	
	na	Safety Ladder	CY LF EACH	3350 1030 10	
CT18	SCT-10	Safety Ladder Fenders	CY LF EACH EACH	3350 1030 10 4	
CT18 CT19	SCT-10 na	Safety Ladder Fenders Fender Panel Mounting	CY LF EACH EACH EACH	3350 1030 10 4 4	
CT18 CT19 CT20	SCT-10 na SCT-02	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation)	CY LF EACH EACH EACH LF	3350 1030 10 4 4 215	
CT18 CT19 CT20 CT21	SCT-10 na SCT-02 SCT-07	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam	CY LF EACH EACH EACH LF	3350 1030 10 4 4 215 1260	
CT18 CT19 CT20 CT21 CT22	SCT-10 na SCT-02	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45	CY LF EACH EACH EACH LF LF LF	3350 1030 10 4 4 215 1260 25	
CT18 CT19 CT20 CT21 CT22 CT23	SCT-10 na SCT-02 SCT-07	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam	CY LF EACH EACH EACH LF	3350 1030 10 4 4 215 1260	
CT18 CT19 CT20 CT21 CT22	SCT-10 na SCT-02 SCT-07 SCT-02	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45	CY LF EACH EACH EACH LF LF LF	3350 1030 10 4 4 215 1260 25	
CT18 CT19 CT20 CT21 CT22 CT23	SCT-10 na SCT-02 SCT-07 SCT-02 na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP	CY LF EACH EACH EACH LF LF LF LF	3350 1030 10 4 4 215 1260 25 962	
CT18 CT19 CT20 CT21 CT22 CT23 CT24	SCT-10 na SCT-02 SCT-07 SCT-02 na na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict	CY LF EACH EACH LF LF LF LF LF LF	3350 1030 10 4 4 215 1260 25 962 204	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25	SCT-10 na SCT-02 SCT-07 SCT-02 na na na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile	CY LF EACH EACH EACH LF LF LF LF LF LF LF LF	3350 1030 10 4 4 215 1260 25 962 204	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone	CY LF EACH EACH EACH LF	3350 1030 10 4 4 215 1260 25 962 204 1	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27	SCT-10 na SCT-02 SCT-07 SCT-02 na na SCH-01 SCH-01 SCH-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone	CY LF EACH EACH EACH LF LF LF LF LF LF LF LS TN TN TN	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29	SCT-10 na SCT-02 SCT-07 SCT-02 na na SCH-01 SCH-01 SCH-01 2108.504	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile	CY LF EACH EACH EACH LF LF LF LF TN TN TN SY	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31	SCT-10 na SCT-02 SCT-07 SCT-02 na na SCH-01 SCH-01 SCH-01 2108.504 2574.507	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow	CY LF EACH EACH EACH LF LF LF LF LF LF SY CY	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32	SCT-10 na SCT-02 SCT-07 SCT-02 na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove	CY LF EACH EACH EACH LF LF LF LF LF LS TN TN TN SY CY LS	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT32	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe	CY LF EACH EACH EACH LF LF LF LF TN TN TN TN SY CY LS EACH	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT33 CT34	SCT-10 na SCT-02 SCT-07 SCT-02 na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans	CY LF EACH EACH EACH LF LF LF LF LF LS TN TN TN SY CY LS EACH CY	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT34 CT32	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe	CY LF EACH EACH EACH LF LF LF LF LS TN TN TN TN SY CY LS EACH CY LF	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT31 CT32 CT34 CT35 CT34	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock	CY LF EACH EACH EACH LF LF LF LF LS TN TN TN TN SY CY LS EACH CY LF LS	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT34 CT35 CT34 CT35 CT34	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock	CY LF EACH EACH EACH LF LF LF LF LF LS TN TN TN SY CY LS EACH CY LF LS LS	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT31 CT32 CT34 CT35 CT34	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock	CY	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT34 CT35 CT34 CT35 CT34 CT35	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock	CY LF EACH EACH EACH LF LF LF LF LF LS TN TN TN SY CY LS EACH CY LF LS LS	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT33 CT34 CT35 CT36 CT37 CT36	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks	CY LF EACH EACH EACH LF LF LF LF LF LS TN TN TN TN SY CY LS EACH CIVIL TRANSPORTAT	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT33 CT34 CT35 CT34 CT35 CT36 CT37 CT38	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks	CY LF EACH EACH EACH LF LF LF LF LF LF LS TN TN TN TN SY CY LS EACH CY LS EACH CY LS LS EACH CY LS LS LS LS LS LS LS LS EA	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT33 CT34 CT35 CT36 CT37 CT36	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks	CY LF EACH EACH EACH LF LF LF LF LF LS TN TN TN TN SY CY LS EACH CIVIL TRANSPORTAT	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17 ION SUBTOTAL	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT33 CT34 CT35 CT34 CT35 CT36 CT37 CT38	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks	CY LF EACH EACH EACH LF LF LF LF LF LF LS TN TN TN TN SY CY LS EACH CY LS EACH CY LS LS EACH CY LS LS LS LS LS LS LS LS EA	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17 ION SUBTOTAL	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT34 CT35 CT34 CT35 CT34 CT35 CT36 CT37 CT38	SCT-10 na SCT-02 SCT-07 SCT-02 na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks Pergola (2 units) Weathered Steel Wall Edge	CY LF EACH EACH EACH LF LF LF LF LF LS TN TN TN TN SY CY LS EACH CY LS EACH CY LS LS EACH CY LS LS LS LS LS EA	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17 ION SUBTOTAL	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT33 CT34 CT35 CT36 CT37 CT38 LANDSCA L1 L2 L3	SCT-10 na SCT-02 SCT-07 SCT-02 na na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01 SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks Pergola (2 units) Weathered Steel Wall Edge Artificial Turf	CY	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17 ION SUBTOTAL	
CT18 CT19 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT34 CT35 CT34 CT35 CT34 LT35 CT36 CT37 CT38	SCT-10 na SCT-02 SCT-07 SCT-02 na na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01 SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks Pergola (2 units) Weathered Steel Wall Edge Artificial Turf Turf Sod Planting Bed - Native Perrenials	CY	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 17 ION SUBTOTAL 1 90 800 20418 0	
CT18 CT19 CT20 CT20 CT21 CT22 CT23 CT24 CT25 CT26 CT27 CT28 CT29 CT31 CT32 CT33 CT34 CT35 CT36 CT37 CT36 CT37 CT38 LANDSCA L1 L2 L3 L4	SCT-10 na SCT-02 SCT-07 SCT-02 na na na na SCH-01 SCH-01 SCH-01 2108.504 2574.507 na na na SCT-01 SCT-01	Safety Ladder Fenders Fender Panel Mounting Transfer Beam over H-Piles (Materials & Installation) Steel H Piles HP 12 x 53 for Transfer Beam Corner Brace W12x45 Existing Dock Demolition - Cut and Remove Existing SSP Existing Dock Demolition - Remove Existing Structures in Conflict Existing Dock Demolition - Remove existing failed sheet pile Bedding Stone Filter Stone Armor Stone Geotextile Topsoil Borrow Outfall Alcove Seawall Openings for Storm Pipes & Cooling Pipe Flowable Fill Sheet Pile Outpans 6" Corrugated Steel Pipe Excavation - Rock Salvage - Rock H-Pile frame pile cap for bollard tiebacks Pergola (2 units) Weathered Steel Wall Edge Artificial Turf Turf Sod	CY	3350 1030 10 4 4 215 1260 25 962 204 1 100 375 510 500 50 1 4 14 16 1 1 17 ION SUBTOTAL	

L8 L9	0.4.40				
	SA-10	#1 Perennial	EA	2435	
	SA-10	#2 Perennial	EA	165	
L10	na	Structural Soils	CY	450	
_					
L11	SA-10	Planting Soils	CY	1000	
L12	SA-10	Coniferous Tree	EA	3	
L13	SA-10	Deciduous Trees	EA	25	
L14	SA-10	Steel Planting Bed Edging	LF	150	
L15	na	Water Meter Enclosure	EA	1	
-					
L16	SA-8	Trash/Recycling Receptable	EA	16	
L17	SA-8	Backless Bench 2	EA	6	
L18	SA-8	Bike Racks	EA	8	
L19	SA-8	Drinking Fountains	EA	1	
L20	SA-8	Backless Bench	EA	2	
L21	SA-8	Backed Bench	EA	8	
L22	SA-8	Wave Seating	EA	10	
L23	SA-8	Stacked Bench Seating	EA	1	
L24	SA-8	Picnic Table	EA	4	
L25	SA-8	Lounge Seating	EA	17	
L26	SA-8	Seat topper	EA	25	
L27	SA-8	LOLL Adirondack Chairs	EA	14	
L28	na	Seat Wall (2'x2') with decorative finish	LF	134	
L29	na	Seat Wall (3'x2') with decorative finish	LF	70	
L30	na	Seat Wall (20"x2")	LF	295	
L31	SA-2	Wall Mounted Monument Sign	EA	1	
L32	SA-2	Freestanding Monument Sign	EA	1	
L33	na	Inset Topographic Metal Wall Markings	EA	3	
L34	SA-7	Solid Wall Mounted Security Gate	EA	2	
L35	SA-7	Foldable Wall Mounted Security Gate	EA	2	
L36	na	Seat Wall (4'x2')	LF	282.5	
L37	SA-1	Railings	EA	4	
L38	SA-8	Removable Traffic Bollard	EA	5	
L39	SA-1	Surface Mounted Bar Railing	LF	30	
L40	<u> </u>	Cobblestone Paver	SF	950	
L41		Skate Stoppers	EA	350	
			LANDSCA	APE SUBTOTAL	
STRUCTUR	RAL				
S1	2104.501	Remove Great Lakes Aquarium Loading Dock Retaining Wall	LS	1	
S2	na	Remove & Replace GLA Loading Dock Concrete Pavement	LS	1	
S3		·		ļ — — ļ	
	SCT-01	New Retaining Wall at Cul-de-sac	CY	165	
S4	SCT-08	New Retaining Wall at Cul-de-sac Helical Piles	Each	25	
S5	SCT-01	Boardwalk Retaining Wall Section	CY	56	
S6	SCT-01	Pergola Foundations	CY	24	
				RAL SUBTOTAL	
			31100101	TAL SOBIOTAL	
EL ECTRIC	A I				
ELECTRIC			54011	4.4	
E1	265600	DECORATIVE POLE LIGHTING	EACH	11	
		DECORATIVE POLE LIGHTING RELOCATE EXISTING POST TOP LIGHTING	EACH EACH	11 2	
E1	265600				
E1 E2 E3	265600 260500 260533	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS	EACH EACH	2 2	
E1 E2 E3 E4	265600 260500 260533 na	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY)	EACH EACH LIN FT	2 2 0	
E1 E2 E3 E4 E5	265600 260500 260533 na 262416	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS	EACH EACH LIN FT EACH	2 2 0 2	
E1 E2 E3 E4 E5 E6	265600 260500 260533 na 262416 260519	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8	EACH EACH LIN FT EACH LIN FT	2 2 0 2 1500	
E1 E2 E3 E4 E5	265600 260500 260533 na 262416	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS	EACH EACH LIN FT EACH	2 2 0 2	
E1 E2 E3 E4 E5 E6 E7	265600 260500 260533 na 262416 260519 260533	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2"	EACH EACH LIN FT EACH LIN FT LIN FT	2 2 0 2 1500 1500	
E1 E2 E3 E4 E5 E6 E7 E8	265600 260500 260533 na 262416 260519 260533 260519	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT	2 0 2 1500 1500 500	
E1 E2 E3 E4 E5 E6 E7 E8 E9	265600 260500 260533 na 262416 260519 260533 260519 260533	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3"	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT	2 0 2 1500 1500 500 500	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10	265600 260500 260533 na 262416 260519 260533 260519 260533 262726	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT EACH	2 0 2 1500 1500 500 500 6	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT EACH EACH	2 0 2 1500 1500 500 500 6	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10	265600 260500 260533 na 262416 260519 260533 260519 260533 262726	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT EACH	2 0 2 1500 1500 500 500 6	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT EACH EACH	2 0 2 1500 1500 500 500 6	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726 260519 260533	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT 20A POLE MTD RECEPT WIRE #6 20A POLE MTD RECEPT CONDUIT 2"	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT LIN FT EACH EACH LIN FT LIN FT	2 0 2 1500 1500 500 500 6 6 6 1000	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726 260519 260533 260519	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT WIRE #6 20A POLE MTD RECEPT CONDUIT 2" 50A POLE MTD RECEPT WIRE #6	EACH EACH LIN FT EACH LIN FT EACH EACH LIN FT LIN FT LIN FT	2 0 2 1500 1500 500 500 6 6 6 1000 1000	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726 260519 260533 260519 260533	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT 20A POLE MTD RECEPT WIRE #6 20A POLE MTD RECEPT CONDUIT 2" 50A POLE MTD RECEPT WIRE #6 50A POLE MTD RECEPT CONDUIT 2"	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT LIN FT EACH EACH LIN FT LIN FT LIN FT LIN FT LIN FT LIN FT	2 0 2 1500 1500 500 500 6 6 1000 1000	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726 260519 260533 260519 260533 260519	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT 20A POLE MTD RECEPT WIRE #6 20A POLE MTD RECEPT WIRE #6 50A POLE MTD RECEPT CONDUIT 2" SECURITY CAMERA FIBER	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT LIN FT EACH EACH LIN FT	2 0 2 1500 1500 500 500 6 6 6 1000 1000 1000	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726 260519 260533 260519 260533 271500	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT 20A POLE MTD RECEPT WIRE #6 20A POLE MTD RECEPT CONDUIT 2" 50A POLE MTD RECEPT WIRE #6 50A POLE MTD RECEPT CONDUIT 2" SECURITY CAMERA FIBER SECURITY CAMERA CAT 5E	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT LIN FT EACH EACH LIN FT	2 2 0 2 1500 1500 500 500 6 6 1000 1000 1000 1000 500 1500	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726 260519 260533 260519 260533 260519	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT 20A POLE MTD RECEPT WIRE #6 20A POLE MTD RECEPT WIRE #6 50A POLE MTD RECEPT CONDUIT 2" SECURITY CAMERA FIBER	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT LIN FT EACH EACH LIN FT	2 0 2 1500 1500 500 500 6 6 6 1000 1000 1000	
E1 E2 E3 E4 E5 E6 E7 E8 E9 E10 E11 E12 E13 E14 E15 E16 E17	265600 260500 260533 na 262416 260519 260533 260519 260533 262726 262726 260519 260533 260519 260533 271500	RELOCATE EXISTING POST TOP LIGHTING VENDOR POWER & COMMUNICATIONS CABINETS UTILITY WORK (4" CONDUIT PROVISIONS ONLY) 200A CIRCUIT BREAKERS SITE LIGHTING WIRE #8 SITE LIGHTING CONDUIT 2" VENDOR CABINET FEEDER #4/0 VENDOR FEEDER CONDUIT 3" 20A POLE MTD RECEPT 50A POLE MTD RECEPT 20A POLE MTD RECEPT WIRE #6 20A POLE MTD RECEPT CONDUIT 2" 50A POLE MTD RECEPT WIRE #6 50A POLE MTD RECEPT CONDUIT 2" SECURITY CAMERA FIBER SECURITY CAMERA CAT 5E	EACH EACH LIN FT EACH LIN FT LIN FT LIN FT LIN FT LIN FT LIN FT EACH EACH LIN FT	2 2 0 2 1500 1500 500 500 6 6 1000 1000 1000 1000 500 1500	
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ACL01	Backless Bench	EA	2	
ACL02	Backed Bench	EA	4	
ACL03	Stacked Bench Seating	EA	1	
ADL01	Perforated Metal Panel	EA	2	
AAE01	IRVIN POWER & COMMUNICATIONS CABINET	EACH	1	
AAE02	POWER PEDESTAL	EACH	1	
		ADD ALT	ERNATE TOTAL	



Purchasing Division Finance Department

Tillance Departing

Room 120 411 West First Street Duluth, Minnesota 55802



LABOR COST BIDDING DATA

Solicitation No.: 23

Project Title: Duluth Coastal Infrastructure Rehabilitation Project

Funding sources for City of Duluth projects determine what wages and work hours are required. The project identified above includes the funding sources checked below.

\boxtimes	Federal funds (EDA)
\boxtimes	State funds (Bonds)
\boxtimes	City funds
	Other:

Per the Duluth City Code and the Davis Bacon and Related Acts, prevailing wages must be paid on projects of \$2,000 or more. The prevailing wage decisions included in this project are listed below. If multiple wage decisions cover the work, bidders are required to pay the higher wage:

- 1. Federal Heavy MN20230040, effective 6/30/2023
- 2. Federal Heavy IL20230018 (Dredging & Marine), effective 1/6/2023 7/14/2023
- 3. Federal Highway MN20230056, effective 1/6/2023
- 4. MN State Highway-Heavy Region 01, effective 11/14/2022
- 5. MN State Truck Rental Rates, effective 12/19/2022

This project will also include a project labor agreement (PLA) if \$150,000 or more. Please note that union scale wage may or may not be higher than the minimum prevailing wages required. If a PLA is included, bidders are required to pay the higher of either the union labor rates or the wage decisions included, and pay fringe benefits as identified in the PLA.

Overtime rate to be paid at no less than 1 $\frac{1}{2}$ times the rate of pay, plus fringe, as established in the project's wage decision OR 1 $\frac{1}{2}$ times the base rate the employee is being paid, plus fringe; whichever is higher. Overtime must be paid on:

\boxtimes	hours worked in excess of 8 hours per day (even if less than 40 hours worked in a
	week) and hours worked in excess of 40 hours per week
	hours worked in excess of 40 hours per week
	hours worked in excess of 8 hours per day and 40 hours per week, unless the
	bidder has an existing union labor agreement allowing different hours as
	prescribed in section 2-26 of the City Code.

"General Decision Number: IL20230018 07/14/2023

Superseded General Decision Number: IL20220018

State: Illinois

Construction Types: Heavy (Dredging and Marine)

Counties: Illinois Statewide.

MECHANICAL DREDGING (CLAMSHELL, DRAGLINE, AND BACKHOE) AND

MARINE CONSTRUCTION):

ILLINOIS, INDIANA, MICHIGAN, MINNESOTA, NEW YORK, OHIO, PENNSYLVANIA AND WISCONSIN DREDGING AND MARINE CONSTRUCTION Dredging and Marine Construction Projects: floating/land equipment engaged in clamshell, backhoe and dragline dredging, marine construction, bridges, salvage operations and cranes, loaders, dozers, or other equipment used for disposal of dredge spoils or marine construction materials on land at the slip or dock, at the project site, where the above material/spoils is being handled, and all equipment utilized on breakwall/breakwater structures on the Great Lakes, Islands therein, their connecting and tributary waters, including the Illinois Waterway to the Lock at Lockport, Illinois, the New York State Barge Canal System between Tonawanda, New York and Waterford, New York and Oswego, New York, the Duluth-Superior area to the Fond du Lac Bridge Crossing (Minnesota State Highway 23) on the St. Louis River and on the St. Lawrence River eastward to the International Boundary near St. Regis, New York.

Note: Contracts subject to the Davis-Bacon Act are generally required to pay at least the applicable minimum wage rate required under Executive Order 14026 or Executive Order 13658. Please note that these Executive Orders apply to covered contracts entered into by the federal government that are subject to the Davis-Bacon Act itself, but do not apply to contracts subject only to the Davis-Bacon Related Acts, including those set forth at 29 CFR 5.1(a)(2)-(60).

If the contract is entered into on or after January 30, 2022, or the contract is renewed or extended (e.g., an option is exercised) on or after January 30, 2022:

- . Executive Order 14026 generally applies to the contract.
- The contractor must pay all covered workers at least \$16.20 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on the contract in 2023.

If the contract was awarded on . Executive Order 13658 or between January 1, 2015 and January 29, 2022, and the contract is not renewed or extended on or after January 30, 2022:

- generally applies to the contract.
- The contractor must pay all covered workers at least \$12.15 per hour (or the applicable wage rate listed on this wage determination, if it is higher) for all hours spent performing on that contract in 2023.

The applicable Executive Order minimum wage rate will be adjusted annually. If this contract is covered by one of the Executive Orders and a classification considered necessary for performance of work on the contract does not appear on this wage determination, the contractor must still submit a conformance request.

Additional information on contractor requirements and worker protections under the Executive Orders is available at http://www.dol.gov/whd/govcontracts.

 $\begin{array}{ccc} \text{Modification Number} & & \text{Publication Date} \\ & 0 & & 01/06/2023 \\ & 1 & & 07/14/2023 \end{array}$

* SUIL2003-001 06/01/2023

 $\begin{array}{lll} \mbox{\tt MECHANICAL DREDGING (CLAMSHELL, DRAGLINE, AND BACKHOE) AND} \\ \mbox{\tt MARINE CONSTRUCTION):} \end{array}$

	Rates	Fringes
Dredging: Fireman, Oiler, Deckhand, & Scowman (with dipper, hydraulic or other floating equipment engaged in hydraulic and dipper dredging operations) Pipeline men (both afloat & ashore including loading, unloading, maintaining, and handling pipelines for hydraulic dredges and sandboats Rangeman, Tankerman, Sweepman and service Truck Driver		7.61+a+b 7.61+a+b
Hydraulic Dredging LAUNCH OPERATOR - Vessel 800 Horse- Power Or Less TUG ENGINEER TUG OPERATOR - Vessel Over 800 Horse-Power TUG WORKERS: Fireman, Lineman, Oiler, Deckhand,	\$ 26.49	7.61+a+b 7.61+a+b 7.61+a+b
Tankerman. Scowman, (on/or with tugboats, launches, or other self-propelled boats) MECHANIC (Undefined) FLOATING EQUIPMENT: Illinois	\$ 22.51	7.61+a+b
Class I	\$ 57.85 \$ 60.85 \$ 51.50 \$ 42.80	43.00+b&c 43.00+b&c 43.00+b&c 43.00+b&c 43.00+b&c 43.00+b&c
Class II-A	\$ 49.80 \$ 42.55 \$ 35.40	36.50+b&c 36.50+b&c 36.50+b&c 36.50+b&c 31.72+b&c
Class II-A Class II-B Class III Class IV FLOATING EQUIPMENT: Minnesota Class I	\$ 45.50 \$ 47.00 \$ 40.95 \$ 34.75	31.72+b&c 31.72+b&c 31.72+b&c 31.72+b&c 21.55+b&c
Class II-A	\$ 47.45 \$ 47.95 \$ 42.23	21.55+b&c 21.55+b&c 21.55+b&c 21.55+b&c

Class I	28.40+b&c 28.40+b&c 28.40+b&c 28.40+b&c 28.40+b&c
Class II-A	32.14+b&c 32.14+b&c 32.14+b&c 32.14+b&c 32.14+b&c
Lawrence Counties) Class I	27.15+b&c 27.15+b&c 27.15+b&c 27.15+b+c 27.15+b&c
City of Rochester) Class I	30.73+b&c 30.73+b&c 30.73+b&c 30.73+b&c 30.73+b&c
Class I	15.55+b&c 15.55+b&c 15.55+b&c 15.55+b&c 15.55+b&c
Class I	15.55+b&c 15.55+b&c 15.55+b&c 15.55+b&c 15.55+b&c
Class I	22.73+b&c 22.73+b&c 22.73+a&b 22.73+b&c 22.73+b&c
Class II-A	27.48+b+c 27.48+b&c 27.48+b&c 27.48+b&c 27.48+b&c

PAID HOLIDAYS (WHERE APPLICABLE): A- NEW YEAR'S DAY

- B- MEMORIAL DAY
- C- INDEPENDENCE DAY
- D- LABOR DAY
- E- THANKSGIVING DAY F- CHRISTMAS DAY G- PRESIDENT'S DAY

H- VETERANS DAY.

FOOTNOTES:

- a. \$30.10 per day per employee for medical
- b. Eight paid holidays: A thru H
- c. Hazardous/Toxic Waste Material:
- *Level A \$2.50 per hour
- *Level B 2.00 per hour
- *Level C 1.00 per hour
- *Level D 0.50 per hour

Such wages shall be above the classifications of work listed under mechanical dredging and Marine construction of this general wage decision. *Working with Hazardous Waste at this level as defined by the U. S. Environmental Protection Agency.

CLASSIFICATION DESCRIPTIONS

Class I - Master Mechanic - assist and direct
 Class II, Class III, and Class IV, diver/wet tender, engineer
 (hydraulic dredge)

Class II-A Crane/Backhoe Operator, 70 Ton or over Tug Operator, Mechanic/Welder, assistant engineer(hydraulic dredge), leverman (hydraulic dredge), diver tender Class II-B Friction, Lattice Boom, or any Crane Certifications

Class III - Deck Equipment Operator (Machineryman)
Maintenance of Crane (over 50 ton capacity) or Backhoe
(115,000 pounds or more), Tug/launch operator, Loader/dozer
and like equipment on Barge, breakwater wall, slip/dock,
Scow, Deck Machinery, etc.

Class IV - Deck Equipment Operator(Machineryman/Fireman) (Four equipment units or more) Off Road Trucks, Deck Hand, Tug Engineer and Crane Maintenance 50 ton capacity and under or Backhoe weighing 115,000 pounds or less, assistant tug operator.

WELDERS - Receive rate prescribed for craft performing operation to which welding is incidental.

Note: Executive Order (EO) 13706, Establishing Paid Sick Leave for Federal Contractors applies to all contracts subject to the Davis-Bacon Act for which the contract is awarded (and any solicitation was issued) on or after January 1, 2017. If this contract is covered by the EO, the contractor must provide employees with 1 hour of paid sick leave for every 30 hours they work, up to 56 hours of paid sick leave each year. Employees must be permitted to use paid sick leave for their own illness, injury or other health-related needs, including preventive care; to assist a family member (or person who is like family to the employee) who is ill, injured, or has other health-related needs, including preventive care; or for reasons resulting from, or to assist a family member (or person who is like family to the employee) who is a victim of, domestic violence, sexual assault, or stalking. Additional information on contractor requirements and worker protections under the EO is available at

https://www.dol.gov/agencies/whd/government-contracts.

Unlisted classifications needed for work not included within the scope of the classifications listed may be added after award only as provided in the labor standards contract clauses (29CFR 5.5 (a) (1) (ii)).

The body of each wage determination lists the classification and wage rates that have been found to be prevailing for the cited type(s) of construction in the area covered by the wage determination. The classifications are listed in alphabetical order of ""identifiers"" that indicate whether the particular rate is a union rate (current union negotiated rate for local),

a survey rate (weighted average rate) or a union average rate (weighted union average rate).

Union Rate Identifiers

A four letter classification abbreviation identifier enclosed in dotted lines beginning with characters other than ""SU"" or ""UAVG"" denotes that the union classification and rate were prevailing for that classification in the survey. Example: PLUM0198-005 07/01/2014. PLUM is an abbreviation identifier of the union which prevailed in the survey for this classification, which in this example would be Plumbers. 0198 indicates the local union number or district council number where applicable, i.e., Plumbers Local 0198. The next number, 005 in the example, is an internal number used in processing the wage determination. 07/01/2014 is the effective date of the most current negotiated rate, which in this example is July 1, 2014.

Union prevailing wage rates are updated to reflect all rate changes in the collective bargaining agreement (CBA) governing this classification and rate.

Survey Rate Identifiers

Classifications listed under the ""SU"" identifier indicate that no one rate prevailed for this classification in the survey and the published rate is derived by computing a weighted average rate based on all the rates reported in the survey for that classification. As this weighted average rate includes all rates reported in the survey, it may include both union and non-union rates. Example: SULA2012-007 5/13/2014. SU indicates the rates are survey rates based on a weighted average calculation of rates and are not majority rates. LA indicates the State of Louisiana. 2012 is the year of survey on which these classifications and rates are based. The next number, 007 in the example, is an internal number used in producing the wage determination. 5/13/2014 indicates the survey completion date for the classifications and rates under that identifier.

Survey wage rates are not updated and remain in effect until a new survey is conducted.

Union Average Rate Identifiers

Classification(s) listed under the UAVG identifier indicate that no single majority rate prevailed for those classifications; however, 100% of the data reported for the classifications was union data. EXAMPLE: UAVG-OH-0010 08/29/2014. UAVG indicates that the rate is a weighted union average rate. OH indicates the state. The next number, 0010 in the example, is an internal number used in producing the wage determination. 08/29/2014 indicates the survey completion date for the classifications and rates under that identifier.

A UAVG rate will be updated once a year, usually in January of each year, to reflect a weighted average of the current negotiated/CBA rate of the union locals from which the rate is based.

WAGE DETERMINATION APPEALS PROCESS

1.) Has there been an initial decision in the matter? This can be:

- * an existing published wage determination
- * a survey underlying a wage determination
- a Wage and Hour Division letter setting forth a position on a wage determination matter
- a conformance (additional classification and rate) ruling

On survey related matters, initial contact, including requests for summaries of surveys, should be with the Wage and Hour National Office because National Office has responsibility for the Davis-Bacon survey program. If the response from this initial contact is not satisfactory, then the process described in 2.) and 3.) should be followed.

With regard to any other matter not yet ripe for the formal process described here, initial contact should be with the Branch of Construction Wage Determinations. Write to:

Branch of Construction Wage Determinations Wage and Hour Division U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

2.) If the answer to the question in 1.) is yes, then an interested party (those affected by the action) can request review and reconsideration from the Wage and Hour Administrator (See 29 CFR Part 1.8 and 29 CFR Part 7). Write to:

Wage and Hour Administrator U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

The request should be accompanied by a full statement of the interested party's position and by any information (wage payment data, project description, area practice material, etc.) that the requestor considers relevant to the issue.

3.) If the decision of the Administrator is not favorable, an interested party may appeal directly to the Administrative Review Board (formerly the Wage Appeals Board). Write to:

Administrative Review Board U.S. Department of Labor 200 Constitution Avenue, N.W. Washington, DC 20210

4.) All decisions by the Administrative Review Board are final.

END OF GENERAL DECISIO"