

ESTIMATE REFERENCE INFORMATION

ITEM NO.	ITEM CODE	ITEM	UNIT	SUDAS INCIDENTAL OR INCLUDED ITEMS	CEDAR RAPIDS SUPPLEMENTAL SPECIFICATIONS	NOTES
1	2010-108-E-0	Excavation, Class 10	CY	a. Site preparation for, and the construction of, embankment, fills, shoulder backfill, and backfill behind curbs. b. Overhaul. c. Finishing the soil surface, including roadways, shoulders, behind curbs, side ditches, slopes, and borrow pits. d. Repair or replacement of any fences that have been unnecessarily damaged or removed.		Includes fill/borrow as required to meet drawing elevations. Approximately 60 CY of fill is estimated for Jacolyn Park.
2	2010-108-I-0	Granular Subbase, 4"	SY	Furnishing, placing, compacting, and trimming to the proper grade.		Includes crushed limestone where indicated on plans.
3	2010-108-I-0	Granular Subbase, 6"	SY	Furnishing, placing, compacting, and trimming to the proper grade. Also includes restoration rock in areas where additional rock is required to match existing grades.		
4	4040-1.08-A-0	Subdrain, PVC, 6"	LF	Includes trench excavation and backfilling		
5	6010-108-H-0	Remove Intake	EA			Includes backfilling after removal and filling of existing pipe with flowable mortar.
6	7010-108-A-0	Pavement, PCC, 6"	SY	Final trimming of subgrade or subbase, integral curb, bars and reinforcement, joints and sealing, surface curing and pavement protection, safety fencing, concrete for rigid headers, boxouts for fixtures, and pavement smoothness testing.	Unit price includes, but is not limited to, final trimming of subgrade or subbase, integral curb, bars and reinforcement, joints and sealing, surface curing, safety fencing, concrete for rigid headers, boxouts for fixtures, pavement smoothness testing, and quality control for stringless paving.	
7	7020-108-B-0	Pavement, HMA, 6"	SY	Asphalt mix with asphalt binder, tack coats between layers, construction zone protection, and quality control.		Includes (2) sawcuts for initial and finished edge prior to new HMA installation.
8	7030-108-A-0	Removal of Sidewalk	SY	Sawing, hauling, and disposal of materials removed.		
9	7030-108-E-0	Sidewalk, PCC, 5"	SY	Minor grade adjustments at driveways and other intersections, subgrade preparation, formwork, additional thickness at thickened edges, jointing, sampling, smoothness testing and correction, and testing.		
11	7030-108-G-0	Detectable Warnings	SF	Steel bar supports and manufactured detectable warning panels.	All detectable warning panels installed in Cedar Rapids shall be cast iron.	
12	7040-108-I-0	Pavement Removal (includes curb and gutter)	SY			
13	8020-108-M-0	Grooves Cut for Pavement Markings	LF	Layout, cutting grooves, collection and disposal of removed material, and additional groove width and transision length beyond the pavement marking dimensions.		
14	8020-108-B-0	Pavement Markings, Thermoplastic	LF		Pre-formed thermoplastic marking tape. Material shall be PREMARK ViziGrip manufactured by Ennis-Flint, or approved equal.	
15	8020-108-G-0	Painted Symbols and Legends	EA	Layout, surface preparation-including cutting grooves, and application of each symbol and legend.	Pre-formed thermoplastic marking tape. Material shall be PREMARK ViziGrip manufactured by Ennis-Flint, or approved equal.	
16	8030-108-A-0	Temporary Traffic Control	LS	Installation, maintenance, and removal of temporary traffic control; total roadway closures with installation and removal of detour signing as shown in the contract documents; removal and reinstallation or covering of permanent traffic control devices that conflict with the temporary traffic control plan; monitoring and documenting traffic control conditions; and flaggers.		

ADDENDUM 1: ITEM #2

ADDENDUM 2: ITEM #1

GENERAL UTILITY NOTES

1. Refer to SUDAS 1070 2.07 for general utility notes.

2. Abandoned utilities not shown on the plans may exist within the construction limits. If encountered, Contractor shall confirm said utilities are abandoned.
Contractor is responsible for removing these lines as necessary for construction.

3. Contractor shall verify sanitary and storm sewer pipe sizes and inverts prior to construction and prior to ordering manholes and/or pipe. No additional payment shall be made to the Contractor for material that is ordered and does not match pipe sizes and inverts that are to be confirmed prior to construction.

4. Repair all field/drain tiles encountered during construction as specified or at a minimum to allow flow using like material in new condition with City approved connections. Contractor shall record existing type, size, location and depth of all field/drain tiles encountered and repaired during construction. Provide data to the City for incorporation into record drawings.

GENERAL NOTES

1. Contractor is responsible for securing and providing the following permits and applications:
Public Right-of-Way Permit (available through the Public Works- Real Estate Division, Right of Way Management.)
Current bond for Grading, Opening or Working in Public Street and Public Property (file with the Public works- Real Estate Division, Right of Way Management).
Vendor Registration Certificate (obtain through the Cedar Rapids Finance Department).
General Commercial Building Permit - for parking lot work. (obtain through the Cedar Rapids Building Department. Permit fees will not be charged.

2. If Contractor obtains additional easements for storage of equipment and materials, copies of agreements with the property owners shall be provided to the City. Upon completion of the usage of the additional easements, Contractor shall also obtain written acceptance from the owner and provide a copy to the Engineer.

3. Contractor shall coordinate the construction schedule with City staff to avoid conflicts with City events. No additional compensation will be made for coordinating schedules around events.

EROSION CONTROL NOTES

1. An NPDES permit is not required for this project.

2. Contractor is responsible for the protection and maintenance of all existing and constructed drainage channels and drainage structures. Contractor is liable for all damage to public or private property caused by their action or inaction in the handling of storm water flows during construction. Extra grading work necessary to maintain positive drainage within the construction limits is considered incidental to construction or related bid items.

SEEDING/SOD/MAINTENANCE NOTES

1. Only disturbed areas not paved or hard surfaced, adjacent to the proposed paving, shall recieve minimum 4" topsoil. Scarify areas to receive topsoil to a min. depth of 4". Remove all stones, wood and debris larger that 2" from areas to receive topsoil. Do not compact topsoil.

2. All disturbed areas shall be sod, in accordance with SUDAS section 9010

3. Existing facilities (curbs, pavement, utilities, etc.) that are to remain and damaged by the contractor shall be repaired or replaced by the contractor at no additional expense to the City.

4. Contractor is responsible for the watering and maintenance of sod, and trees planted through the first growing season of installation.

PROJECT NUMBER:
18-0982

PROJECT NAME:

NW QUADRANT CR PARKS

ENGINEER:

hbkENGINEERING

HBK ENGINEERING, LLC
1202 3RD STREET SE
SUITE 100
CEDAR RAPIDS, IA 52401
PHONE: (319) 536-3936

IOWA DEPARTMENT
OF LABOR
REGISTRATION
NO. 00527328
WWW.HBKENGINEERING.COM

DEVELOPER:
TO BE DETERMINED

OWNER:

CEDAR RAPIDS
City of Five Seasons

DATE SUBMITTED:
09-25-2020

DRAWING LOG

REV	ISSUED FOR	DATE
1	FOR BID	9/25/20
2	ADDENDUM 1	2/5/21
3	ADDENDUM 2	2/8/21

PROJECT MANAGER:
SJS

DRAWN BY:
KMW

CHECKED BY:
ASO

SHEET TITLE:

BID ITEMS &
QUANTITIES

SHEET:
C1.1

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