Item	Description	Year 3 Revised Contract	Unit of Measure
	3/4" Type "K" Copper Water Tap, Short Run, <30', Compliant with Lead		
1	Free Regulations (NSF 372 and NSF 61-G)	621.82	EΑ
	3/4" Type "K" Copper Water Tap Long Run 31' - 60', Compliant with Lead		
2	Free Regulations (NSF 372 and NSF 61-G)	947.62	EΑ
	3/4" Type "K" Copper Water Tap, 60' +,Compliant with Lead Free		
3	Regulations (NSF 372 and NSF 61-G)	10.69	FT
	1" Tvpe "K" Copper Water Tac. Short Run <30' Compliant with Lead Free		
4	Regulations (NSF 372 and NSF 61-G)	1,027.46	EΑ
	1" Type "K" Copper Water Tap, Long Run, 31' - 60', Compliant with Lead		
5	Free Regulations (NSF 372 and NSF 61-G)	1,599.01	EΑ
	1" Type "K" Cooper Water Tap 60' + Compliant with Lead Free Regulations		
ϵ	(NSF 372 and NSF 61-G)	23.66	FT
	1-1/2" Type "K" Copper Water Tap, Short Run, <30', Compliant with Lead		
7	Free Regulations (NSF 372 and NSF 61-G)	1,698.65	EA
	1-1/2" Type "K" Copper Water Tap, Long Run, 31' - 60', Compliant with		
8	Lead Free Regulations (NSF 372 and NSF 61-G)	2,482.95	EA
	1-1/2" Type "K" Cooper Water Tac. 60' + Compliant with Lead Free		
g	Regulations (NSF 372 and NSF 61-G)	30.37	FT
	2" Type "K" Copper Water Tap, Short Run <30' Compliant with Lead Free		
10	Regulations (NSF 372 and NSF 61-G)	2,519.35	EA
	2" Type "K" Copper Water Tap, Long Run, 31' - 60', Compliant with Lead		
11	Free Regulations (NSF 372 and NSF 61-G)	3,724.79	EA
	2" Type "K" Copper Water Tap, 60' +, Compliant with Lead Free		
12	Regulations (NSF 372 and NSF 61-G)	43.22	FT
	1" HDPE Water Tac. Short Run <30' Compliant with Lead Free Regulations		
13	(NSF 372 and NSF 61-G)	796.76	EA
	1" HDPE Water Tap, Long Run, 31' - 60' Compliant with Lead Free		
14	Regulations (NSF 372 and NSF 61-G)	1,062.60	EA
	1" HDPE Water Tap, 60' + Compliant with Lead Free Regulations (NSF 372		
15	and NSF 61-G)	11.63	FT
	1-1/2" HDPE Water Tap, Short Run <30' Compliant with Lead Free		
16	Regulations (NSF 372 and NSF 61-G)	1,345.74	EA
	1-1/2" HDPE Water Tap, Long Run 31' - 60' Compliant with Lead Free		
17	Regulations (NSF 372 and NSF 61-G)	1,777.13	EA
	1-1/2" HDPE Water Tap. 60' + Compliant with Lead Free Regulations (NSF		
18	372 and NSF 61-G)	13.26	FT
	2" HDPE Water Tap, Short Run, <30' Compliant with Lead Free Regulations		
19	(NSF 372 and NSF 61-G)	1,782.98	EA
	2" HDPE Water Tap, Long Run 31' - 60' Compliant with Lead Free		
20	Regulations (NSF 372 and NSF 61-G)	2,532.05	EA
	2" HDPE Water Tap. 60' + Compliant with Lead Free Regulations (NSF 372		
21	and NSF 61-G)	16.96	FT

Item	Description	Year 3 Revised Contract	Unit of Measure
22	Taps - 12' depth	300.00	EA
23	Directional Drilling to install service lead where squeeze boring does not work.	23.00	FT
24	Tap Prestressed Concrete Water Main Pipe (per tap) In addition to material equipment, and normal labor.	400.00	ΕA
	Dig through Frost (per tap) when additional equipment is necessary.	150.00	ΕA
	Installation of Silt Fence	3.00	FT
	Traffic Control (per MDOT standards (per Job)	950.00	
	Trench Box - Water Tap hole stabilization (per tap)	750.00	
	Sheeting and Shoring (per Job)	300.00	
	Backhoe w/ Operator, Regular Time	84.69	
	Backhoe w/Operator, Overtime	92.69	
	Labor, One Man, Regular Time	48.00	
	Labor, One Man, Overtime Compressor w/ Air Hammer or Spade and hydraulic concrete breaker,	58.00	HR
	24/7, weekends, holidays	70.00	
	Generator, min 5000 watt, 24/7, weekends, holidays	23.00	
	Pump, up to 3", 24/7, weekends, holidays	23.00 23.00	
	Lights, 4-500 watt Halogen, 24/7, weekends, holidays Rock Drill	35.00	HR HR
	Electric Hammer (per job)	50.00	EA
	Grinder (per Job)	50.00	EA
	Power Saw (per Job)	100.00	
	Dump Truck, UP to 30 cubic yards, 24/7, weekends, holidays	87.87	HR
	Front End Loader and Operator, up to 3 cubic yard bucket, 24/7, weekends, holidays	97.87	HR
	Excavator and Operator, greater than 28,000 pounds, up to 2 Cubic yards, 24/7, weekends, holidays	162.87	HR
	Mobilize Equipment greater than 28,000 pounds, 24/7, weekends, holidays	425.00	
46	Emergency Traffic Control (sub-contractor) - To be determined by WRC, Invoice to be submitted, Cost Plus:	cost plus 1	%
47	Emergency Maintenance (sub-contractor) To be determined by WRC, Invoice to be submitted, Cost Plus:	cost plus 10	%
48	3/4" Brass Union, Compliant with Lead Free Regulations (NSF 372 and NSF 61-G)	34.10	EΑ
49	1" Brass Union, Compliant with Lead Free Regulations (NSF 372 and NSF 61-G)	36.47	ΕA
50	1-1/2" Brass Union, Compliant with Lead Free Regulations (NSF 372 and NSF 61-G)	128.99	EΑ
51	2" Brass Union, Compliant with Lead Free Regulations (NSF 372 and NSF 61-G)	173.59	EΑ
52	1-1/2" Brass Compression Fitting, Compliant with Lead Free Regulations (NSF 372 and NSF 61-G)	1.00	EΑ

Item	Description	Year 3 Revised Contract	Unit of Measure
	2" Brass Compression Fitting. Compliant with Lead Free Regulations (NSF		
53	372 and NSF 61-G)	1.00	EA
5 4	1" x 3/4" Brass Reducer, Compliant with Lead Free Regulations (NSF 372	40.00	F.A.
	and NSF 61-G) 12" A.C. x 12" DIP Coupling	40.00	EA EA
33	3/4" K Copper, Compliant with Lead Free Regulations (NSF 372 and NSF 61-	1.00	EA
56	G)	10.69	FT
- 30	1" K Copper, Compliant with Lead Free Regulations (NSF 372 and NSF 61-	10.03	
57	G)	13.86	FT
	1-1/2" K Copper, Compliant with Lead Free Regulations (NSF 372 and NSF		
58	61-G)	23.37	FT
	2" K Copper, Compliant with Lead Free Regulations (NSF 372 and NSF 61-		
	G)	39.22	FT
	3/4" HDPE Plug	0.40	FT
	1" HDPE	1.13	FT
	1-1/2"HDPE	2.21	FT
63	2" HDPE	3.46	FT
6.4	3/4" Brass Corp, Compliant with Lead Free Regulations (NSF 372 and NSF	60.30	ΓΛ
04	61-G) 3/4" Brass Curb Stop, Compliant with Lead Free Regulations (NSF 372 and	60.38	EA
65	NSF 61-G)	123.08	EA
- 03	1" Brass Corp, Compliant with Lead Free Regulations (NSF 372 and NSF 61-	123.00	
66	G)	91.57	EA
	1" Brass Curb Stop, Compliant with Lead Free Regulations (NSF 372 and		
67	NSF 61-G)	207.29	EA
	1-1/2" Brass Corp, Compliant with Lead Free Regulations (NSF 372 and		
68	NSF 61-G)	267.00	EA
	1-1/2" Brass Curb Stop, Compliant with Lead Free Regulations (NSF 372		
69	and NSF 61-G)	435.30	EA
	2" Brass Corp, Compliant with Lead Free Regulations (NSF 372 and NSF 61-		
/0	G)	442.94	EA
71	2" Brass Curb Stop, Compliant with Lead Free Regulations (NSF 372 and NSF 61-G)	641.92	ΕΛ
	6' Curb Box (Including stop box and stainless steel rod)	147.48	EA EA
	Big Base for 1-1/2" and 2" Curb Stop	41.00	EA
	6" x 1" Brass Saddle	206.67	EA
	6" x 1-1/2" Brass Saddle	235.61	EA
	6" x 2" Brass Saddle	258.89	
77	8" x 1" Brass Saddle	261.20	EA
78	8" x 1-1/2" Brass Saddle	269.38	EA
	8" x 2" Brass Saddle	307.74	EA
	12" x 1" Brass Saddle	370.26	
	12" x 1-1/2" Brass Saddle	424.39	
	12" x 2" Brass Saddle	430.18	
83	16" x 1" Brass Saddle	937.67	EA

		Year 3 Revised	Unit of
Item	Description	Contract	Measure
84	16" x 1-1/2" Brass Saddle	995.07	EA
85	16" x 2" Brass Saddle	1,101.53	EA
86	20" x 1" Brass Saddle	1,427.22	EA
87	20" x 1-1/2" Brass Saddle	1,427.22	EA
88	20" x 2" Brass Saddle	1,446.22	EA
89	8" x 1" HDPE Saddle	159.32	EA
90	8" x 1-1/2" HDPE Saddle	183.39	EA
91	8" x 2" HDPE Saddle	190.63	EA
92	10" x 1" HDPE Saddle	192.16	EA
93	10" x 1-1/2" HDPE Saddle	208.23	EA
94	10" x 2" HDPE Saddle	213.23	EA
95	12" x 1" HDPE Saddle	214.66	EA
96	12" x 1-1/2" HDPE Saddle	237.50	EA
97	12" x 2" HDPE Saddle	369.66	EA
98	14" x 1" HDPE Saddle	269.86	EA
99	14" x 1-1/2" HDPE Saddle	291.05	EA
100	14" x 2" HDPE Saddle	291.05	EA
101	16" x 1" HDPE Saddle	285.96	EA
102	16" x 1-1/2" HDPE Saddle	309.35	EA
103	16" x 2" HDPE Saddle	312.35	EA
	Material Not Included In Unit Price - Purchase Invoice to be submitted,		
104	Compliant with Lead Free Regulations (NSF372 and NSF 61-G)	cost plus 15	%
	Purchase and Haul to site 6A Stone	33.56	
106	Purchase and Haul to site 9A Stone	9.56	TON
107	Purchase and Haul to site Pea Gravel	42.56	TON
108	Purchase and Haul to site 21 AC Sand	9.56	TON
109	Purchase and Haul to site 21AA Crushed Concrete	26.56	TON
110	Purchase and Haul to site 21AA MDOT Limestone	29.56	TON
111	Purchase and Haul to site Class II MDOT Sand	19.56	TON
	Purchase and Haul to site Asphalt Cold Patch	156.56	
113	Material Haul-In	cost plus 15	%
114	Material Haul-In (Sub-contractor)	cost plus 10	%
115	Hauling and Disposal of Waste/ Debris and Dirt from WMU North Yard	15.56	CY
	Hauling and Disposal of Waste/ Debris and Dirt from WMU South Yard	15.56	CY
	Asphalt Resurfacing Public Road - 4" deep, 5 - 15 SQ yd	118.75	
	Asphalt Resurfacing Public Road - 6" deep, 5 - 15 SQ yd	122.50	
	Concrete Resurfacing Public Road - 4" deep, 5 - 15 SQ yd	112.10	
	Concrete Resurfacing Public Road - 6" deep, 5 - 15 SQ yd	123.90	
	Driveways and Sidewalks - 4" deep, 5 -15 SQ YD	112.10	
	Driveways and Sidewalks - 6" deep, 5 -15 SQ yd	123.90	
	Concrete Curb and Gutter	59.00	FT
	Saw Cutting -ASPHALT: 4"	4.00	
125	Saw Cutting -ASPHALT: 6"	4.50	FT

Item	Description	Year 3 Revised	Unit of
	·	Contract	Measure
	Saw Cutting -ASPHALT: 7"	5.00	FT
	Saw Cutting-ASPHALT: 8"	5.50	FT
	Saw Cutting -ASPHALT: 9"	5.75	FT
	Saw Cutting-ASPHALT: 10"	6.00	FT
	Saw Cutting - ASPHALT: 12"	6.75	FT
	Saw Cutting-ASPHALT: 14"	7.25	FT
	Saw Cutting-ASPHALT: 16"	7.80	FT
	Saw Cutting - CONCRETE: 4"	4.00	FT
	Saw Cutting - CONCRETE: 6"	4.75	FT
135	Saw Cutting- CONCRETE: 7"	5.25	FT
136	Saw Cutting - CONCRETE: 8"	5.75	FT
137	Saw Cutting - CONCRETE: 9"	6.25	FT
138	Saw Cutting - CONCRETE: 10"	6.50	FT
139	Saw Cutting - CONCRETE: 12"	7.25	FT
140	Saw Cutting - CONCRETE: 14" 7.25 7.25 7.25 FT	7.25	FT
141	Saw Cutting - Standby Time 120 120 120 HR	120.00	HR
142	Saw Cutting- OVERTIME: (In addition to line Items above)	120.00	HR
143	Stop box Replace, Pavement - ¾" and 1" service/stop box	1,198.73	EA
144	Stopbox Replace, Greenbelt-¾" and 1" service/stop box	573.73	EA
145	Stopbox Replace, Pavement -1 ½" and 2" service/stop box	1,298.73	EA
146	Stopbox Replace, Greenbelt -1 ½" and 2" service/stop box	623.73	EA
	Stopbox Replace, Cut in Live/Relocation of Curb Stop and Box, Greenbelt		
147	or Pavement, ¾" and1"service/stopbox	1,304.02	EA
	Stopbox Replace, Cut in Live/Relocation of Curb Stop and Box, Greenbelt		
148	or Pavement, 1 1/2"and2"service/stopbox	1,879.66	EA
149	After Hours or Emergency Mobilization	425.00	EA
150	After Hours or Emergency Demobilization	425.00	EA
151	Community Mobilization or Demobilization	250.00	EA
152	Compacting Trench	160.00	EA
	Sprinkler/Irrigation Systems Repair	85.00	EA
	Sod Lawn/Landscape Repair - Rough and finish grade, apply 2" topsoil, sod		
	(including labor, material and equipment)	3.25	SQ FT
	Seed Lawn/Landscape Repair - Rough and finish grade, apply 2" topsoil,		
	seed (including labor,material and equipment)	2.75	SQ FT
_	Sampling Station Installation	650.00	EA
	Abandoning 2" or smaller Water Service - closing corporation stop at		
	water main, cut /disconnect waterservice at main, including all materials,		
157	equipment & labor.	810.00	EA
	Water service disconnect at water main In paved road. Includes saw		
158	cutting, hauling of spoils and temporary patch	810.00	EA
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	Asphalt or concrete pavement restoration for water service disconnect at		
	water main in paved road. Includes saw cutting and hauling of spoils.	400.00	EA
	Disconnect, Pavement	1,100.00	EA
	Disconnect, Greenbelt	500.00	

Item	Description	Year 3 Revised Contract	Unit of Measure
	Lead Water Service Replace, Pavement (flat fee) -1" Copper Service/stop		
162	box - Short Run <30feet	2,902.46	EA
163	Lead Water Service Replace, Pavement (flat fee)-1" Copper Service/stop box - Long Run31- 60 feet	3,324.01	EA
164	Private Water Service Replace (flat fee) - 1" Copper Service - < 45 feet	3,402.47	EA
165	Permit Fees	cost plus 5	%
166	Loader Time per Month	9,000.00	MONTH
167	Vactor w/Operator Regular Time Does not include dumping fees or disposal of materials. Disposal of material to be billed as a per yard cost.	330.00	HR
168	Vactor w/Operator Overtime Does not include dumping fees or disposal of materials. Disposal of material to be billed as a per yard cost.	388.00	HR