	LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY					
	CONSTRUCTION COST ESTIMATING		ULE			
	FOR THE BONDING OF PROPOSED					
	WATER DISTRIBUTION SYSTEMS					
	EFFOTIVE FEDRUARY 7 O	047				
	EFFECTIVE : FEBRUARY 7, 2	017	ı			
14	Description	1.1	Llait Daiss			
Item		Unit	Unit Price			
1	8" X 6" Wet Tap	EACH				
2	10" X 6" Wet Tap	EACH				
3	12" X 6" Wet Tap	EACH				
4	8" X 8" Wet Tap	EACH	·			
5	10" X 8" Wet Tap	EACH				
6	12" X 8" Wet Tap	EACH				
7	14" X 8" Wet Tap	EACH				
8	16" X 8" Wet Tap	EACH				
9	12" X 12" Wet Tap	EACH				
10	14" X 12" Wet Tap	EACH				
11	16" X 12" Wet Tap	EACH	\$24,596.00			
12	4" DIP Class 52 Cement Lined	LF	\$44.00			
13	6" DIP Class 52 Cement Lined	LF	\$52.00			
14	8" DIP Class 52 Cement Lined	LF	\$64.00			
15	10" DIP Class 52 Cement Lined	LF	\$74.00			
16	12" DIP Class 52 Cement Lined	LF	\$87.00			
17	14" DIP Class 52 Cement Lined	LF	\$102.00			
18	16" DIP Class 52 Cement Lined	LF	\$106.00			
19	18" DIP Class 52 Cement Lined	LF	\$129.00			
20	20" DIP Class 52 Cement Lined	LF	\$139.00			
21	24" DIP Class 52 Cement Lined	LF	\$172.00			
22	8" DIP Class 52 Cement Lined Insulated	LF	\$124.00			
23	12" DIP Class 52 Cement Lined Insulated	LF	\$180.00			
24	4" Valve and Box	EACH				
25	6" Valve and Box	EACH				
26	8" Valve and Box	EACH				
27	10" Valve and Box	EACH				
28	12" Valve and Box	EACH				
29	14" Valve and Box	EACH				
30	16" Valve and Box	EACH				
31	18" Valve and Box	EACH				
32	20" Valve and Box	EACH				
33	24" Valve and Box	EACH				
34	Fire Hydrant Assembly	EACH				
35	Blow-Off Hydrant	EACH				
36	Air Release Valve and Vault	EACH	\$23,485.00			
27	SUB-TOTAL	60/				
37	Fittings ( TOTAL ITEMS 1 THRU 34 X 6%)  1" Service Connection	6% EACH	\$1,868.00			
38	I SELVICE CONTRECTION		I DIADA UL			
39	1.5" Service Connection	EACH	\$3,657.00			
39 40	1.5" Service Connection 2" Service Connection	EACH EACH	\$3,657.00 \$3,915.00			
39 40 41	1.5" Service Connection 2" Service Connection 8" Directional Drill	EACH EACH LF	\$3,657.00 \$3,915.00 \$246.00			
39 40 41 42	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep	EACH EACH LF LF	\$3,657.00 \$3,915.00 \$246.00 \$530.00			
39 40 41 42 43	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement	EACH EACH LF LF LF	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00			
39 40 41 42 43 44	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle	EACH EACH LF LF LF EACH	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00			
39 40 41 42 43 44 45	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration	EACH LF LF LF EACH SY	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00			
39 40 41 42 43 44 45 46	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration	EACH LF LF LF SY SY	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00			
39 40 41 42 43 44 45 46	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration	EACH LF LF LF SY SY SF	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00			
39 40 41 42 43 44 45 46 47	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration	EACH EACH LF LF EACH SY SY SF CF	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00			
39 40 41 42 43 44 45 46 47 48	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices	EACH LF LF EACH SY SY SF CF EACH	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00 \$4,118.00			
39 40 41 42 43 44 45 46 47 48 49 50	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel	EACH LF LF LF EACH SY SY SF CF EACH Hr	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00 \$4,118.00 \$107.00			
39 40 41 42 43 44 45 46 47 48 49 50	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel Clearing & Grubbing over 1 Ac	EACH LF LF LF EACH SY SY SF CF EACH Hr AC	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00 \$4,118.00 \$107.00 \$14,874.00			
39 40 41 42 43 44 45 46 47 48 49 50 51 52	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel Clearing & Grubbing over 1 Ac Clearing & Grubbing under 1 Ac	EACH LF LF EACH SY SF CF EACH Hr AC SY	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00 \$4,118.00 \$107.00 \$14,874.00			
39 40 41 42 43 44 45 46 47 48 49 50	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel Clearing & Grubbing over 1 Ac Clearing & Grubbing under 1 Ac Seed, Fert., & Mulch	EACH LF LF EACH SY SY SF CF EACH Hr AC SY SY	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00 \$4,118.00 \$107.00 \$14,874.00 \$7.00 \$14,874.00			
39 40 41 42 43 44 45 46 47 48 49 50 51 52	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel Clearing & Grubbing over 1 Ac Clearing & Grubbing under 1 Ac	EACH LF LF EACH SY SF CF EACH Hr AC SY	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00 \$4,118.00 \$107.00 \$14,874.00 \$7.00 \$14,874.00			
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel Clearing & Grubbing over 1 Ac Clearing & Grubbing under 1 Ac Seed, Fert., & Mulch	EACH LF LF EACH SY SY SF CF EACH Hr AC SY SY	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25 \$25.00 \$4,118.00 \$107.00 \$14,874.00 \$7.00 \$14.00 \$54.00			
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel Clearing & Grubbing over 1 Ac Clearing & Grubbing under 1 Ac Seed, Fert., & Mulch Wellpoint Dewatering 0'-12'	EACH LF LF EACH SY SF CF EACH Hr AC SY SY LF	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$121.00 \$7.25 \$25.00 \$4,118.00 \$107.00 \$14,874.00 \$54.00 \$54.00			
39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55	1.5" Service Connection 2" Service Connection 8" Directional Drill Jack & Bore Depths less than 10' Deep Concrete Encasement Concrete Cradle Municipal Road Restoration County Road Restoration Concrete Sidewalk Restoration Concrete Pad/Pavement Restoration Traffic Control Devices Traffic Control Personel Clearing & Grubbing over 1 Ac Clearing & Grubbing under 1 Ac Seed, Fert., & Mulch Wellpoint Dewatering 0'-12' Wellpoint Dewatering 12'-18'	EACH LF LF EACH SY SF CF EACH Hr AC SY SY LF LF	\$3,657.00 \$3,915.00 \$246.00 \$530.00 \$157.00 \$3,511.00 \$90.00 \$121.00 \$7.25			

## LAKEWOOD TOWNSHIP MUNICIPAL UTILITIES AUTHORITY ABANDONMENT COST ESTIMATING SCHEDULE FOR THE BONDING OF PROPOSED WATER DISTRIBUTION SYSTEMS

EFFECTIVE: FEBRUARY 7, 2017

Item	Description	Unit	Unit Price
	Cut and Cap existing line	EACH	\$2,936.00
	4" DIP Class 52 Cement Lined	LF	\$36.00
	6" DIP Class 52 Cement Lined	LF	\$40.00
	8" DIP Class 52 Cement Lined	LF	\$50.00
	10" DIP Class 52 Cement Lined	LF	\$61.00
	12" DIP Class 52 Cement Lined	LF	\$69.00
	14" DIP Class 52 Cement Lined	LF	\$82.00
	16" DIP Class 52 Cement Lined	LF	\$85.00
	18" DIP Class 52 Cement Lined	LF	\$103.00
	20" DIP Class 52 Cement Lined	LF	\$111.00
	24" DIP Class 52 Cement Lined	LF	\$138.00
	4" Valve and Box	EACH	\$784.00
	6" Valve and Box	EACH	\$979.00
	8" Valve and Box	EACH	\$1,470.00
15	10" Valve and Box	EACH	\$1,663.00
16	12" Valve and Box	EACH	\$1,729.00
	14" Valve and Box	EACH	\$1,956.00
18	16" Valve and Box	EACH	\$2,037.00
19	18" Valve and Box	EACH	\$2,446.00
20	20" Valve and Box	EACH	\$2,585.00
21	24" Valve and Box	EACH	\$2,936.00
22	Fire Hydrant Assembly	EACH	\$2,739.00
23	Blow-Off Hydrant	EACH	\$2,739.00
	Air Release Valve and Vault	EACH	\$7,829.00
25	Fittings	EACH	\$490.00
26	1" Service Connection (Pipe Abandoned in Place)	EACH	\$294.00
27	2" Service Connection (Pipe Abandoned in Place)	EACH	\$390.00
28	Concrete Encasement	LF	\$157.00
29	Concrete Cradle	EACH	\$3,511.00
30	Municipal Road Restoration	SY	\$90.00
31	County Road Restoration	SY	\$121.00
32	Concrete Sidewalk Restoration	SF	\$7.25
	Concrete Pad/Pavement Restoration	CF	\$25.00
	Traffic Control Devices	EACH	\$4,118.00
	Traffic Control Personel	Hr	\$107.00
	Clearing & Grubbing over 1 Ac	AC	\$14,874.00
	Clearing & Grubbing under 1 Ac	SY	\$7.00
	Seed, Fert., & Mulch	SY	\$14.00
	Wellpoint Dewatering 0'-12'	LF	\$54.00
	Wellpoint Dewatering 12'-18'	LF	\$74.00
	Deep Well Dewatering	LF	\$118.00
	Engineering and Stakeout	LF	\$6.50
43	As-Built Plans	LF	\$5.50