

Calculations to Support Funding Request					
Item No.	Description	Item No.	QTY	Unit Price	Total Price
<b>Bypass Pumping</b>					
5	Setup for 3" to 6" Pump	EA	5	\$ 1,500.00	\$ 7,500.00
6	Setup for 8" to 12" Pump	EA	5	\$ 4,000.00	\$ 20,000.00
7	Discharge Line for 3" to 6" Pump	LF	100	\$ 5.00	\$ 500.00
8	Discharge Line for 8" to 12" Pump	LF	100	\$ 12.00	\$ 1,200.00
9	Operation of 3" to 6" Pump	HR	100	\$ 95.00	\$ 9,500.00
10	Operation of 6" to 12" Pump	HR	100	\$ 350.00	\$ 35,000.00
<b>Pipe Rehabilitation - Cured in Place Pipe (CIPP) - Full Length</b>					
16	15" x 6.0 mm CIPP	LF	1000	\$ 65.00	\$ 65,000.00
18	18" x 67.5 mm CIPP	LF	1540	\$ 98.00	\$ 150,920.00
20	24" x 9.0 mm CIPP	LF	1520	\$ 155.00	\$ 235,600.00
21	30" x 12.0 mm CIPP	LF	1500	\$ 200.00	\$ 300,000.00
26	Additional Cost per 1.5 mm Thickness 15" diameter	LF	50	\$ 5.00	\$ 250.00
28	Additional Cost per 1.5 mm Thickness 18" diameter	LF	100	\$ 10.00	\$ 1,000.00
31	Additional Cost per 1.5 mm Thickness 30" diameter	LF	100	\$ 20.00	\$ 2,000.00
<b>Internal Mechanical Point Repair</b>					
308	15" Internal Seal	EA	5	\$ 6,000.00	\$ 30,000.00
310	18" Internal Seal	EA	3	\$ 8,000.00	\$ 24,000.00
312	24" Internal Seal	EA	2	\$ 10,000.00	\$ 20,000.00
313	30" Internal Seal	EA	3	\$ 12,500.00	\$ 37,500.00
<b>Manhole Repari/Rehabilitation Unpaved Areas</b>					
314	Repair Manhole Bench/Table and Invert	EA	2	\$ 400.00	\$ 800.00
331	Grout Used	GAL	5	\$ 400.00	\$ 2,000.00
<b>Manhole Adjustment Unpaved Areas</b>					
332	Internal Manhole Frame Seal	EA	5	\$ 500.00	\$ 2,500.00
333	External Manhole Frame Seal	EA	5	\$ 1,100.00	\$ 5,500.00
334	Re-Set Existing Manhole Frame & Cover	EA	5	\$ 500.00	\$ 2,500.00
335	Remove Existing Manhole Frame & Cover and Replace w/Standard Frame & Cover	EA	3	\$ 850.00	\$ 2,550.00
336	Remove Existing Manhole Frame & Cover and Replace w/Watertight (Bolt Down) Frame and Cover	EA	5	\$ 950.00	\$ 4,750.00
337	Locate and Expose Buried Manhole	EA	5	\$ 600.00	\$ 3,000.00
338	Adjust Elevation of Manhole Frame & Cover Up to 1.0 Feet Using Brick	EA	3	\$ 500.00	\$ 1,500.00
<b>Install 1.0' Vertical Riser Pre-Cast Manhole Barrel Section</b>					
339	48" Diameter	EA	1	\$ 500.00	\$ 500.00
340	60" Diameter	EA	1	\$ 550.00	\$ 550.00
341	72" Diameter	EA	1	\$ 750.00	\$ 750.00
<b>Install 2.0' Vertical Riser Pre-Cast Manhole Barrel Section</b>					
342	48" Diameter	EA	1	\$ 650.00	\$ 650.00
343	60" Diameter	EA	1	\$ 750.00	\$ 750.00
344	72" Diameter	EA	1	\$ 900.00	\$ 900.00
<b>Install 4.0' Vertical Riser Pre-Cast Manhole Barrel Section</b>					
345	44" Diameter	EA	1	\$ 950.00	\$ 950.00
346	60" Diameter	EA	1	\$ 1,200.00	\$ 1,200.00
<b>Manhole Replacement/New Manhole Installation Unpaved Areas 48: Diameter</b>					
352	0 - 8'	VF	1	\$ 350.00	\$ 350.00
353	8.01 - 10'	VF	1	\$ 400.00	\$ 400.00
354	10.01 - 12'	VF	1	\$ 575.00	\$ 575.00
355	12.01 - 14'	VF	1	\$ 700.00	\$ 700.00
356	14.01 - 16'	VF	1	\$ 700.00	\$ 700.00
357	16.01 - 18'	VF	1	\$ 900.00	\$ 900.00
358	18.01 - 20'	VF	1	\$ 900.00	\$ 900.00
359	20.01 - 22'	VF	1	\$ 900.00	\$ 900.00
360	22.01 - 24'	VF	1	\$ 900.00	\$ 900.00
361	24.01 - 26'	VF	1	\$ 900.00	\$ 900.00
<b>Easement Clearing</b>					
382	Light Easement Clearing by Machine	SY	50	\$ 3.00	\$ 150.00
383	Medium Easement Clearing by Machine	SY	50	\$ 4.50	\$ 225.00
384	Heavy Easement Clearing by Machine	SY	50	\$ 6.50	\$ 325.00
385	Light Easement Clearing by Hand	SY	50	\$ 6.50	\$ 325.00

386	Medium Easement Clearing by Hand	SY	50	\$ 12.50	\$ 625.00
387	Heavy Easement Clearing by Hand	SY	50	\$ 17.50	\$ 875.00
388	Selective Tree Clearing - 0" - 14"	EA	1	\$ 1,200.00	\$ 1,200.00
389	Selective Tree Clearing - 15" - 24"	EA	1	\$ 1,600.00	\$ 1,600.00
390	Selective Tree Clearing - 25" - 36"	EA	1	\$ 2,300.00	\$ 2,300.00
393	Seed and Fertilize	SY	100	\$ 1.50	\$ 150.00
394	Mulching	SY	100	\$ 1.50	\$ 150.00
395	Solid Sod	SY	100	\$ 7.50	\$ 750.00
396	Top Soil in Place	CY	10	\$ 95.00	\$ 950.00
Miscellaneous					
397	Back Fill (Sand/Clay)	TON	1	\$ 125.00	\$ 125.00
398	Remove and Reset Fencing	LF	75	\$ 35.00	\$ 2,625.00
399	Remove and Replace Curb and Gutter	LF	30	\$ 45.00	\$ 1,350.00
400	Remove and Replace Concrete Sidewalk	SY	10	\$ 65.00	\$ 650.00
402	Stone Bedding and Backfill	TON	1	\$ 150.00	\$ 150.00
403	Surface Stone for Site Access	TON	1	\$ 350.00	\$ 350.00
404	Rip Rap	SY	10	\$ 125.00	\$ 1,250.00
405	Standard Slope Matting	SY	10	\$ 15.00	\$ 150.00
407	Concrete Surface Restoration	SY	5	\$ 95.00	\$ 475.00
410	Compact Backfill to 95% as Determined by Modified Proctor ASTM Des D1557-70	LF	10	\$ 200.00	\$ 2,000.00
411	Tree Save/Orange Fence	LF	100	\$ 5.50	\$ 550.00
412	Hay Bales	EA	50	\$ 15.00	\$ 750.00
413	Silt Fencing - Type "A"	LF	70	\$ 5.00	\$ 350.00
414	Silt Fencing - Type "C"	LF	70	\$ 10.00	\$ 700.00
415	Roadway for Temporary Access	SY	10	\$ 35.00	\$ 350.00
<b>Grand Total</b>					\$ 999,995.00