



# CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

## ADDENDUM NO. 4

DATE: July 28, 2015

Contract 15-C-00046; Furnish and Install Miscellaneous Water & Stormwater Mains 2"- 48" Diameter - FY16

Bidders on the above referenced project are hereby notified that the following addendum is made to the Contract Documents. BIDS TO BE SUBMITTED SHALL CONFORM TO THIS NOTICE.

Item 1: Replace Proposal pages P-3R thru P-28R with the revised attached Proposal pages P-3RR thru P-28RR.

All other provisions of the Contract Documents and Specifications not in conflict with this Addendum shall remain in full force and effect. Questions are to be e-mailed to [ContractAdministration@tampagov.net](mailto:ContractAdministration@tampagov.net).

*Jim Greiner*

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Jim Greiner, P.E., Contract Management Supervisor

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
<b>SCHEDULE A - WATER - MAJOR PROJECTS PAY ITEMS</b>						
2100	F&I 4" ductile iron pipe with 5' trench or less	LF	1,000		\$	\$
2101	F&I 4" ductile iron pipe with more than 5' trench	LF	1,000		\$	\$
2102	F&I 6" ductile iron pipe with 5' trench or less	LF	40,000		\$	\$
2103	F&I 6" ductile iron pipe with more than 5' trench	LF	2,000		\$	\$
2104	F&I 8" ductile iron pipe with 5' trench or less	LF	6,000		\$	\$
2105	F&I 8" ductile iron pipe with more than 5' trench	LF	2,000		\$	\$
2106	F&I 12" ductile iron pipe with 5' trench or less	LF	4,000		\$	\$
2107	F&I 12" ductile iron pipe with more than 5' trench	LF	2,000		\$	\$
2108	F&I 16" ductile iron with more than 5' trench	LF	2,000		\$	\$
2109	F&I 20" ductile iron with more than 5' trench	LF	500		\$	\$
2110	F&I 24" ductile iron with more than 5' trench	LF	1,000		\$	\$
2111	F&I 30" ductile iron with more than 5' trench	LF	500		\$	\$
2112	F&I 36" ductile iron with more than 5' trench	LF	600		\$	\$
2113	F&I 42" ductile iron with more than 5' trench	LF	200		\$	\$
2114	F&I 48" ductile iron with more than 5' trench	LF	2,500		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
2150	F&I 2" PVC pipe and fittings at various depths	LF	500		\$	\$
2151	F&I 4" PVC pipe with 5' trench or less	LF	500		\$	\$
2152	F&I 4" PVC pipe with more than 5' trench	LF	100		\$	\$
2153	F&I 6" PVC pipe with 5' trench or less	LF	500		\$	\$
2154	F&I 6" PVC pipe with more than 5' trench	LF	100		\$	\$
2155	F&I 8" PVC pipe with 5' trench or less	LF	300		\$	\$
2156	F&I 8" PVC pipe with more than 5' trench	LF	100		\$	\$
2157	F&I 12" PVC pipe with more than 5' trench	LF	200		\$	\$
2158	F&I 16" PVC pipe with more than 5' trench	LF	200		\$	\$
2159	F&I 6" EagleLok or CertaLok restrained joint PVC pipe	LF	200		\$	\$
2160	F&I 8" EagleLok or CertaLok restrained joint PVC pipe	LF	200		\$	\$
2161	F&I 12" EagleLok or CertaLok restrained joint PVC pipe	LF	300		\$	\$
2162	F&I 16" EagleLok or CertaLok restrained joint PVC pipe	LF	200		\$	\$
2200	F&I 2" HDPE tubing by HDD w/HDPE adapters and HDPE fittings at various depths	LF	200		\$	\$
2201	F&I 4" HDPE pipe by HDD w/HDPE adapters and HDPE fittings at various depths	LF	300		\$	\$
2202	F&I 6" HDPE pipe by HDD w/HDPE adapters and HDPE fittings at various depths	LF	800		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
2203	F&I 8" HDPE pipe by HDD w/HDPE adapters and HDPE fittings at various depths	LF	800		\$	\$
2204	F&I 10" HDPE pipe by HDD w/HDPE adapters and HDPE fittings at various depths	LF	300		\$	\$
2205	F&I 12" HDPE pipe by HDD w/HDPE adapters and HDPE fittings at various depths	LF	600		\$	\$
2206	F&I 14" HDPE pipe by HDD w/HDPE adapters and HDPE fittings at various depths	LF	200		\$	\$
2207	F&I 6" RJPVC Pipe by HDD at various depths	LF	200		\$	\$
2208	F&I 8" RJPVC Pipe by HDD at various depths	LF	200		\$	\$
2212	F&I 12" RJPVC Pipe by HDD at various depths	LF	200		\$	\$
2216	F&I 16" RJPVC Pipe by HDD at various depths	LF	200		\$	\$
2300	Furnish install remove 2" temporary services lines	LF	50		\$	\$
2400	Furnish & install 4" OD steel casing pipe	LF	100		\$	\$
2401	Furnish & install 12" OD steel casing pipe	LF	200		\$	\$
2402	Furnish & install 14" OD steel casing pipe	LF	125		\$	\$
2403	Furnish & install 16" OD steel casing pipe	LF	200		\$	\$
2404	Furnish & install 20" OD steel casing pipe	LF	125		\$	\$
2405	Furnish & install 24" OD steel casing pipe	LF	125		\$	\$
2406	Furnish & install 30" OD steel casing pipe	LF	125		\$	\$
2407	Furnish & install 36" OD steel casing pipe	LF	200		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
2408	Furnish & install 42" OD steel casing pipe	LF	125		\$	\$
2409	Furnish & install 48" OD steel casing pipe	LF	200		\$	\$
2410	Furnish & install 54" OD Steel casing pipe	LF	50		\$	\$
2500	Removal of abandoned pipe 3" and smaller in diameter	LF	100		\$	\$
2501	Removal of abandoned pipe 4" - 10" in diameter	LF	1,000		\$	\$
2502	Removal of abandoned pipe 12" and larger in diameter	LF	1,000		\$	\$
2600	Cut and plug 3" and smaller in diameter pipe	EA	50		\$	\$
2601	Cut and plug 4", 6" and 8" diameter pipe	EA	25		\$	\$
2602	Cut and plug 10", 12" and 16" diameter pipe	EA	25		\$	\$
2700	Furnish and push 4" to 8" ductile iron pipe under root system	LF	500		\$	\$
2800	Make tap and furnish materials to connect 3" and smaller water mains to new/existing mains (0-15 ft. in length)	EA	50		\$	\$
2801	Make tap and furnish materials to connect 3" and smaller water mains to new/existing mains (more than 15 ft. in length)	EA	50		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
3000	F&I 4" wedge-action or flange restraint	EA	400			
3001	F&I 6" wedge-action or flange restraint	EA	3,000		\$	\$
3002	F&I 8" wedge-action or flange restraint	EA	2,000		\$	\$
3003	F&I 12" wedge-action or flange restraint	EA	400		\$	\$
3004	F&I 16" wedge-action or flange restraint	EA	200		\$	\$
3005	F&I 20" wedge-action or flange restraint	EA	100		\$	\$
3006	F&I 24" wedge-action or flange restraint	EA	100		\$	\$
3007	F&I 30" wedge-action or flange restraint	EA	50		\$	\$
3008	F&I 36" wedge-action or flange restraint	EA	50		\$	\$
3009	F&I 42" wedge-action or flange restraint	EA	50		\$	\$
3010	F&I 48" wedge-action or flange restraint	EA	50		\$	\$
3030	F&I 20" manufactured restrained joints	EA	10		\$	\$
3031	F&I 24" manufactured restrained joints	EA	10		\$	\$
3032	F&I 30" manufactured restrained joints	EA	10		\$	\$
3033	F&I 36" manufactured restrained joints	EA	10		\$	\$
3034	F&I 42" Manufactured restrained joints	EA	10		\$	\$
3035	F&I 48" Manufactured restrained joints	EA	300		\$	\$
3040	Furnish & install 4" bell and MJ restraint on existing pipe	EA	25		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
3041	Furnish & install 6" bell and MJ restraint on existing pipe	EA	50		\$	\$
3042	Furnish & install 8" bell and MJ restraint on existing pipe	EA	50		\$	\$
3043	Furnish & install 12" bell and MJ restraint on existing pipe	EA	50		\$	\$
3044	Furnish & install 16" bell and MJ restraint on existing pipe	EA	50		\$	\$
3050	Furnish & install 4" wedge-action MJ restraints on new PVC pipe	EA	20		\$	\$
3051	Furnish & install 6" wedge-action MJ restraints on new PVC pipe	EA	20		\$	\$
3052	Furnish & install 8" wedge-action MJ restraints on new PVC pipe	EA	20		\$	\$
3053	Furnish & install 12" wedge-action MJ restraints on new PVC pipe	EA	20		\$	\$
3054	Furnish & install 16" wedge-action MJ restraints on new PVC pipe	EA	20		\$	\$
3070	Furnish 4" push-on restraint gaskets	EA	50		\$	\$
3071	Furnish 6" push-on restraint gaskets	EA	600		\$	\$
3072	Furnish 8" push-on restrain gaskets	EA	350		\$	\$
3073	Furnish 12" push-on restraint gaskets	EA	300		\$	\$
3074	Furnish 16" push-on restraint gaskets	EA	100		\$	\$
3075	Furnish 20" push-on restraint gaskets	EA	25		\$	\$
3076	Furnish 24" push-on restraint gaskets	EA	25		\$	\$
3077	Furnish 30" push-on restraint gaskets	EA	30		\$	\$
3078	Furnish 36" push-on restrain gaskets	EA	25		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
4000	F&I 4" ductile iron plug or cap w/DIP, CIP or PVC	EA	10		\$	\$
4001	F&I 4" ductile iron bends, offsets, sleeves or reducers w/DIP, CIP or PVC	EA	20		\$	\$
4002	F&I 4" ductile iron tee w/DIP, CIP or PVC	EA	5		\$	\$
4003	F&I 4" ductile iron cross w/DIP, CIP or PVC	EA	2		\$	\$
4004	F&I 6" ductile iron plug or cap w/ DIP, CIP or PVC	EA	100		\$	\$
4005	F&I 6" ductile iron bends, offset, sleeves or reducers w/ DIP, CIP or PVC	EA	650		\$	\$
4006	F&I 6" ductile iron tee w/ DIP, CIP or PVC	EA	500		\$	\$
4007	F&I 6" ductile iron cross w/ DIP, CIP or PVC	EA	5		\$	\$
4008	F&I 8" ductile iron plug or cap w/ DIP, CIP or PVC	EA	100		\$	\$
4009	F&I 8" ductile iron bends, offsets, sleeves or reducers w/ DIP, CIP or PVC	EA	300		\$	\$
4010	F&I 8" ductile iron tee w/ DIP, CIP or PVC	EA	100		\$	\$
4011	F&I 8" ductile iron cross w/ DIP, CIP or PVC	EA	20		\$	\$
4012	F&I 12" ductile iron plug or cap w/ DIP, CI or PVC	EA	10		\$	\$
4013	F&I 12" bends, offsets, sleeves or reducers with DIP , CIP or PVC	EA	200		\$	\$
4014	F&I 12" ductile iron tee with DIP, CIP or PVC	EA	40		\$	\$
4015	F&I 12" ductile iron cross w/ DIP, CIP or PVC	EA	5		\$	\$
4016	F&I 16" ductile iron plug or cap w/ DIP, CIP or PVC	EA	5		\$	\$
4017	F&I 16" bends, offset, sleeves or reducers with DIP, CIP or PVC	EA	25		\$	\$



Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
4018	F&I 16" ductile iron tee with DIP, CIP or PVCIP	EA	5		\$	\$
4019	F&I 16" ductile iron cross with DIP or CIP	EA	6		\$	\$
4020	F&I 20" ductile iron plug or cap w/ DIP or CIP	EA	10		\$	\$
4021	F&I 20" bends, offsets, sleeves or reducers with DIP or CIP	EA	10		\$	\$
4022	F&I 20" ductile iron tee with DIP or CIP	EA	6		\$	\$
4023	F&I 20" ductile iron cross w/ DIP or CIP	EA	4		\$	\$
4024	F&I 24" ductile iron plug or cap w/ DIP or CIP	EA	4		\$	\$
4025	F&I 24" bends, offsets, sleeves or reducers with DIP or CIP	EA	25		\$	\$
4026	F&I 24" ductile iron tee with DIP or CIP	EA	5		\$	\$
4027	F&I 24" ductile iron cross w/ DIP or CIP	EA	4		\$	\$
4028	F&I 30" ductile iron plug or cap w/ DIP or CIP	EA	4		\$	\$
4029	F&I 30" bends, offsets, sleeves or reducers w/ DIP or CIP	EA	25		\$	\$
4030	F&I 30" ductile iron tee w/ DIP or CIP	EA	5		\$	\$
4031	F&I 30" ductile iron cross w/ DIP or CIP	EA	5		\$	\$
4032	F&I 36" ductile iron plug or cap w/ DIP or CIP	EA	4		\$	\$
4033	F&I 36" bends, offsets, sleeves or reducers w/ DIP or CIP	EA	30		\$	\$
4034	F&I 36" ductile iron tee with DIP or CIP	EA	5		\$	\$
4035	F&I 36" ductile iron cross w/ DIP or CIP	EA	2		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
4036	F&I 42" ductile iron plug or cap w/DIP or CIP	EA	4		\$	\$
4037	F&I 42" bends, offsets, sleeves or reducers w/ DIP or CIP	EA	25		\$	\$
4038	F&I 42" ductile iron tee W/ DIP or CIP	EA	4		\$	\$
4039	F&I 42" ductile iron cross w/ DIP or CIP	EA	2		\$	\$
4040	F&I 48" ductile iron plug or cap w/DIP or CIP	EA	4		\$	\$
4041	F&I 48" bends, offsets, sleeves or reducers w/ DIP or CIP	EA	40		\$	\$
4042	F&I 48" ductile iron tee W/ DIP or CIP	EA	15		\$	\$
4043	F&I 48" ductile iron cross w/ DIP or CIP	EA	2		\$	\$
4050	F&I 4" ductile iron plug or cap w/ HDPEP	EA	4		\$	\$
4051	F&I 4" ductile iron bends, offsets, sleeves or reducers w/ HDPEP	EA	10		\$	\$
4052	F&I 4" ductile iron tee w/ HDPEP	EA	4		\$	\$
4053	F&I 4" ductile iron cross w/ HDPEP	EA	2		\$	\$
4054	F&I 6" ductile iron plug or cap w/ HDPEP	EA	4		\$	\$
4055	F&I 6" ductile iron bends, offsets, sleeves or reducers w/ HDPEP	EA	20		\$	\$
4056	F&I 6" ductile iron tee w/ HDPEP	EA	4		\$	\$
4057	F&I 6" ductile iron cross w/ HDPEP	EA	2		\$	\$
4058	F&I 8" plug or cap w/ HDPEP	EA	6		\$	\$
4059	F&I 8" ductile iron bends, offset, sleeves or reducers w/ HDPEP	EA	10		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
4060	F&I 8" ductile iron tee w/ HDPEP	EA	4		\$	\$
4061	F&I 8" ductile iron cross w/ HDPEP	EA	2		\$	\$
4062	F&I 10" ductile iron bends, offsets, sleeves or reducers w/ HDPEP	EA	4		\$	\$
4063	F&I 12" ductile iron plug or cap w/ HDPEP	EA	4		\$	\$
4064	F&I 12" ductile iron bends, offsets, sleeves or reducers w/ HDPEP	EA	25		\$	\$
4065	F&I 12" ductile iron tee w/ HDPEP	EA	10		\$	\$
4066	F&I 12" ductile iron cross w/ HDPEP	EA	2		\$	\$
4067	F&I 14" ductile iron bends, offsets, sleeves or reducers w/ HDPEP	EA	4		\$	\$
5000	F&I full fire hydrant assembly on new or existing mains	EA	140		\$	\$
5001	F&I alt. fire hydrant assembly on new or existing mains w/6" Gradelok fitting	EA	10		\$	\$
5002	F&I alt. fire hydrant assembly on new or existing mains w/12" Gradelok fitting	EA	10		\$	\$
5003	F&I alt. fire hydrant assembly on new or existing mains w/24" Gradelok fitting	EA	10		\$	\$
5100	F&I protection post	EA	40		\$	\$
5200	Remove and salvage of fire hydrant	EA	30		\$	\$
6000	F&I 2" gate valve with box on DIP, CIP or PVC	EA	60		\$	\$
6001	F&I 4" gate or tapping valve with box on DIP, CIP or PVC	EA	30		\$	\$
6002	F&I 6" gate or tapping valve with box on DIP, CIP or PVC	EA	400		\$	\$
6003	F&I 8" gate or tapping valve with box on DIP, CIP or PVC	EA	300		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
6004	F&I 12" gate or tapping valve with box on DIP, CIP or PVC	EA	100		\$	\$
6005	F&I 16" gate or tapping valve with box on DIP, CIP or PVC	EA	30		\$	\$
6006	F&I 20" gate valve with box on DIP or CIP	EA	10		\$	\$
6007	F&I 24" gate valve with box on DIP or CIP	EA	10		\$	\$
6008	F&I 30" gate valve with box on DIP or CIP	EA	10		\$	\$
6009	F&I 36" gate valve with box on DIP or CIP	EA	10		\$	\$
6010	F&I 42" gate valve with box on DIP or CIP	EA	5		\$	\$
6011	F&I 48" gate valve with box on DIP or CIP	EA	8		\$	\$
6020	F&I 16" butterfly valve with box on DIP, CIP or PVC	EA	10		\$	\$
6021	F&I 20" butterfly valve with box on DIP or CIP	EA	5		\$	\$
6022	F&I 24" butterfly valve with box on DIP or CIP	EA	5		\$	\$
6023	F&I 30" butterfly valve with box on DIP or CIP	EA	5		\$	\$
6024	F&I 36" butterfly valve with box on DIP or CIP	EA	5		\$	\$
6025	F&I 42" butterfly valve with box on DIP or CIP	EA	5		\$	\$
6026	F&I 48" butterfly valve with box on DIP or CIP	EA	5		\$	\$
6070	F&I 2" gate valve and box on HDPE	EA	10		\$	\$
6071	F&I 4" gate valve and box on HDPE	EA	10		\$	\$
6072	F&I 6" gate valve and box on HDPE	EA	10		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
6073	F&I 8" gate valve and box on HDPEP	EA	10		\$	\$
6074	F&I 12" gate valve and box on HDPEP	EA	10		\$	\$
6080	F&I 2-ft. Valve Nut Extension	EA	5		\$	\$
6081	F&I 3-ft. Valve Nut Extension	EA	5		\$	\$
6082	F&I 4-ft. Valve Nut Extension	EA	5		\$	\$
6100	F&I 4" Linestop on Existing Water Main (0-5')	EA	10		\$	\$
6101	F&I 4"Linestop on Existing AC Water Main (0-5')	EA	10		\$	\$
6102	F&I 6" Linestop on Existing Water Main (0-5')	EA	10		\$	\$
6103	F&I 6"Linestop on Existing AC Water Main (0-5')	EA	10		\$	\$
6104	F&I 8" Linestop on Existing Water Main (0-5')	EA	10		\$	\$
6105	F&I 8"Linestop on Existing Water Main (+5')	EA	10		\$	\$
6106	F&I 10" Linestop on Existing Water Main (0-5')	EA	10		\$	\$
6107	F&I 10"Linestop on Existing Water Main (+5')	EA	10		\$	\$
6108	F&I 12" Linestop on Existing Water Main (0-5')	EA	10		\$	\$
6109	F&I 12"Linestop on Existing Water Main (+5')	EA	10		\$	\$
6110	F&I 16" Linestop on Existing Water Main (+5')	EA	10		\$	\$
6111	F&I 24"Linestop on Existing Water Main (+5')	EA	6		\$	\$
6112	F&I 30"Linestop on Existing Water Main (+5')	EA	5		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
6113	F&I 36" Linestop on Existing Water Main (+5')	EA	5		\$	\$
6201	F&I 4" TEAM Insertion Valve on Existing Water Main (0-5')	EA	10		\$	\$
6203	F&I 6" TEAM Insertion Valves on Existing Water Main (0-5')	EA	10		\$	\$
6205	F&I 8" TEAM Insertion Valves on Existing Water Main (0-5')	EA	10		\$	\$
6207	F&I 12" TEAM Insertion Valves on Existing Water Main (0-5')	EA	5		\$	\$
7000	F&I 4" tapping sleeve and make tap	EA	2		\$	\$
7001	F&I 6" tapping sleeve and make tap	EA	100		\$	\$
7002	F&I 8" tapping sleeve and make tap	EA	100		\$	\$
7003	F&I 12" tapping sleeve and make tap	EA	100		\$	\$
7004	F&I 16" tapping sleeve and make tap	EA	25		\$	\$
7005	F&I 20" tapping sleeve and make tap	EA	10		\$	\$
7006	F&I 24" tapping sleeve and make tap	EA	10		\$	\$
7007	F&I 30" tapping sleeve and make tap	EA	10		\$	\$
7008	F&I 36" tapping sleeve and make tap	EA	10		\$	\$
7009	F&I 42" tapping sleeve and make tap	EA	10		\$	\$
7010	F&I 48" tapping sleeve and make tap	EA	10		\$	\$
8100	Furnish tap and install 3/4" or 1" meter service on PVC, DIP, or CIP (0-15' HDPE)	EA	1,000		\$	\$
8101	Furnish, tap and install 3/4" meter service on PVC, DIP or CIP (+15-80' HDPE)	EA	1,000		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
8102	Furnish, tap and install 3/4" meter service on PVC, DIP or CIP (+80-150' HDPE)	EA.	200		\$	\$
8103	Furnish, tap and install 3/4" Dual meter service on PVC, DIP or CIP (0-15' HDPE)	EA	100		\$	\$
8104	Furnish, tap and install 3/4" Dual or 1" Dual meter service on PVC, DIP or CIP (+15-80' HDPE)	EA	100		\$	\$
8105	Furnish, tap and install 3/4" Dual meter service on PVC, DIP or CIP (+80-150' HDPE)	EA	50		\$	\$
8106	Furnish, tap and install 1" Dual meter service on PVC, DIP or CIP (0-15' HDPE)	EA	100		\$	\$
8107	Furnish, tap and install 1" or 1-1/2" meter service on PVC, DIP or CIP (+15-80' HDPE)	EA	100		\$	\$
8108	Furnish, tap and install 1" or 1-1/2" meter service on PVC, DIP or CIP (+80-150' HDPE)	EA	20		\$	\$
8109	Furnish, tap and install 1-1/2" or 2" meter service on PVC, DIP or CIP (0-15' HDPE)	EA	100		\$	\$
8110	Furnish, tap and install 2" DDCV and service on PVC, DIP or CIP (0-15' HDPE)	EA	100		\$	\$
8120	Furnish, tap and install 3/4" or 1" meter service on HDPE (0-15' HDPE)	EA	100		\$	\$
8121	Furnish, tap and install 3/4" meter service on HDPE (+15-80' HDPE)	EA	100		\$	\$
8122	Furnish, tap and install 3/4" meter service HDPE (+80-150' HDPE)	EA	20		\$	\$
8123	Furnish, tap and install 3/4" Dual meter service on HDPE (0-15' HDPE)	EA	20		\$	\$
8124	Furnish, tap and install 3/4" Dual or 1" Dual meter service on HDPE (+15-80' HDPE)	EA	10		\$	\$
8125	Furnish, tap and install 3/4" Dual meter service on HDPE (+80-150' HDPE)	EA	10		\$	\$
8126	Furnish, tap and install 1" Dual meter service on HDPE (0-15' HDPE)	EA	10		\$	\$
8127	Furnish, tap and install 1" or 1-1/2" meter service on HDPE (+15-80' HDPE)	EA	10		\$	\$
8128	Furnish, tap and install 1-1/2" or 2" meter service on HDPE (+80-150' HDPE)	EA	10		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
8129	Furnish, tap and install 1" or 1-1/2" meter service on HDPEP (0-15' HDPE)	EA	10		\$	\$
8130	Furnish, tap and install 2" DDCV and service on HDPEP (0-15' HDPE)	EA	20		\$	\$
8300	Install 3" meter	EA	6		\$	\$
8301	Install 4" meter	EA	6		\$	\$
8302	Install 6" meter	EA	6		\$	\$
8303	Install 8" meter	EA	6		\$	\$
8320	Install 4" double detector check valve assembly	EA	6		\$	\$
8321	Install 6" double detector check valve assembly	EA	6		\$	\$
8322	Install 8" double detector check valve assembly	EA	6		\$	\$
8323	Install 10" double detector check valve assembly	EA	6		\$	\$
8324	Install 12" double detector check valve assembly	EA	6		\$	\$
8400	F&I 6'0" X 6'0" above-ground vault or below-ground vault	EA	2		\$	\$
8401	F&I 8'0" X 5'4" above-ground vault or below-ground vault	EA	2		\$	\$
8402	F&I 9'4" X 8'0" above-ground vault or below-ground vault	EA	2		\$	\$
8403	F&I 10'8" X 8'0" above-ground vault or below-ground vault	EA	2		\$	\$
8404	F&I auxiliary materials for above-ground large service	EA	5		\$	\$
8405	F&I 12' X 5' concrete slab for above-ground Meters and DDCV's	EA	5		\$	\$
8406	F&I 12' X 9' concrete slab for above-ground Meters and DDCV's	EA	5		\$	\$
9200	Furnish, place and compact limerock base	CY	500		\$	\$
9201	Furnish, place and compact crushed concrete base	CY	500		\$	\$
9203	Furnish, place and compact Superpave Type SP-12.5 asphalt base course	SY-IN	7,200		\$	\$



Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9204	Furnish and install asphalt concrete surface Type S-1	SY-IN	7,200		\$	\$
9205	Furnish and install asphalt concrete surface Superpave Type SP-12.5	SY-IN	5,500		\$	\$
9206	Furnish, place, grade and compact Type SIII asphaltic concrete overlay	SY-IN	5,500		\$	\$
9207	Furnish, place, grade and compact Superpave Type SP-9.5 asphaltic concrete overlay	SY-IN	4,500		\$	\$
9208	Mobilization to perform mechanical milling	EA	10		\$	\$
9209	Mechanical milling of asphalt roadways in 1-inch increments	SY-IN	5,000		\$	\$
9210	Restore 6" thick concrete driveway	SY	1,000		\$	\$
9211	Restore brick pavement, including base material	SY	500		\$	\$
9212	Install Brick pavement furnished by City, Contractor F&I base material	SY	200		\$	\$
9213	Furnish materials & Install Signalization loops	EA	20		\$	\$
9214	Furnish Traffic Control Officer (Off Duty Law Enforcement)	MH	1,000		\$	\$
9215	Furnish and install Work Zone Signs	ED	10,000		\$	\$
9216	Furnish and install Business Signs	ED	20		\$	\$
9217	Furnish and install Barricades (Temporary – Type II)	ED	10,000		\$	\$
9218	Furnish and install Barricades (Temporary Type III) (6")	ED	10,000		\$	\$
9219	Furnish and install Advance Warning Arrow Panel	ED	20		\$	\$
9220	Furnish and install High Intensity Flashing Lights (Temporary-Type B)	ED	5,000		\$	\$
9221	Furnish and install Variable Message Sign (Temporary)	ED	20		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9300	Furnish and install Type "D" concrete curb	LF	500		\$	\$
9301	Furnish and install valley curb	LF	500		\$	\$
9302	Furnish and install Miami curb	LF	500		\$	\$
9303	Furnish and install Type "F" concrete curb	LF	500		\$	\$
9304	Furnish and install stone or precast curb	LF	500		\$	\$
9305	Remove and install existing stone curb	LF	100		\$	\$
9306	Furnish and install asphaltic concrete curb	LF	1,000		\$	\$
9307	Furnish and install 4" thick concrete sidewalk	SY	5,000		\$	\$
9308	Furnish and install hexagon block sidewalk	SY	250		\$	\$
9309	Grade and sod roadside/ditch bottoms and sides - Bahia	SY	100,000		\$	\$
9310	Grade and sod roadside/ditch bottoms & sides - St. Augustine	SY	100,000		\$	\$
9311	Grade, fertilize, sprig, and hydro-seed roadside	SY	10,000		\$	\$
9312	F&I detectable warnings on concrete walking surfaces	EA	100		\$	\$
9400	Grout abandoned pipe	CY	250		\$	\$
9500	Furnish, form and place reinforced concrete	CY	250		\$	\$
9501	Restore rip-rap (rubble)	CY	100		\$	\$
9502	Replace 4" or 6" VC sanitary sewer pipe with PVC	LF	500		\$	\$
9503	Replace 8" or 10" VC sanitary sewer pipe with PVC	LF	500		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9504	Replace damaged but not marked sanitary laterals, w PVC	LF	500		\$	\$
9505	Video photography	LF	30,000		\$	\$
9600	Demolish and Remove large service vault	EA	1		\$	\$
9601	Demolish and Remove Large service concrete slab	EA	2		\$	\$
9700	Excavation and removal of rock	CY	2		\$	\$
9701	Excavation and removal of muck	CY	10		\$	\$
9800	Removal of trees 5" in diameter and greater	EA	5		\$	\$
9801	Root Pruning	LF	500		\$	\$
9802	F&I 2" diameter Oaks	EA	5		\$	\$
9900	Excavation exploratory pits - \$600 per agreed and accepted pit	EA	50	Six Hundred Dollars & No Cents	\$ 600.00	\$ 30,000.00
9910	Valve Box Adjustment or removal	EA	40		\$	\$
9911	Vault adjustment or removal, small	EA	1		\$	\$
9912	Manhole adjustment	EA	1		\$	\$
9920	F&I blow-off assembly per Detail 2.16	EA	50		\$	\$
9921	F&I blow-off assembly per Detail 2.17	EA	50		\$	\$
9922	F&I air release valve per Detail 2.14 & 2.15	EA	50		\$	\$
9930	Furnish & install precast thrust blocks	EA	50		\$	\$
9931	Furnish, form & pour concrete thrust blocks	CY	98		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9940	Cut into existing asbestos concrete pipe	EA	18		\$	\$
9950	F&I new project signs	EA	12		\$	\$
9951	Furnish, install and reletter previously used project signs	EA	10		\$	\$
9960	Separate mobilization on project with a final cost equal to or less than \$7,000 for a unit price of \$2,000 and no cents.	EA	5		\$	\$
9970	Supplemental survey layout by a Registered Land Surveyor	LF	3,270		\$	\$
9980	Contingency allowance (Water) to be used as directed by the Engineer	EA	1	Four Hundred Thousand Dollars & No Cents	\$ 400,000.00	\$ 400,000.00
9990	Crew Day allowance	ED	30		\$	\$
10000	One-Time Performance Bond Allowance	LS	1		\$	\$
<b>SCHEDULE B - STORMWATER PAY ITEMS</b>						
SW100	Contingency allowance (Stormwater) to be used as directed by the Engineer	EA	1	One Hundred Fifty Dollars & No Cents	\$ 150,000.00	\$ 150,000.00
SW120	Regrade ditch/embankment/misc. grading	SY	6,000		\$	\$
SW125	Regular excavation	CY	1,600		\$	\$
SW350	Concrete Flume	SY	45		\$	\$
SW425.01	Stormwater Manhole (Type P-8)	EA	20		\$	\$
SW425.03	Stormwater Manhole (Type J-8)	EA	20		\$	\$
SW425.1	Inlet, COT Curb Type 2 (P-Bott)	EA	10		\$	\$
SW425.11	Inlet, Ditch Bottom (Type C Modified) (J-Bott)	EA	10		\$	\$
SW425.2	Inlet, COT Curb Type 2 (J-Bott)	EA	10		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
SW425.3	Inlet, COT Curb Type 3 (P-Bott)	EA	12		\$	\$
SW425.4	Inlet, COT Curb Type 3 (J-Bott)	EA	8		\$	\$
SW425.5	Inlet, COT Curb Type BR-1 (P-Bott)	EA	8		\$	\$
SW425.6	Inlet, COT Curb Type BR-2 (J-Bott)	EA	8		\$	\$
SW425.7	Inlet, COT Grate Type T (P-Bott)	EA	8		\$	\$
SW425.8	Inlet, Ditch Bottom (Type C)	EA	10		\$	\$
SW425.9	Inlet, Ditch Bottom (Type C Modified)	EA	4		\$	\$
SW430.1	Pipe Culvert (0-24" SS) (Round)	LF	400		\$	\$
SW430.2	Pipe Culvert (0-24" SS) (Round) CLIV	LF	200		\$	\$
SW430.3	Pipe Culvert (25-36" SS) (Round)	LF	300		\$	\$
SW430.4	Pipe Culvert (37-48" SS) (Round)	LF	40		\$	\$
SW430.5	Pipe Culvert (49-60" SS) (Round)	LF	40		\$	\$
SW430.6	Pipe Culvert (14" x 23" & 19"x 30" SS) (Elliptical)	LF	200		\$	\$
SW430.7	Pipe Culvert (14" x 23" & 19"x 30" SS) (Elliptical) CLIV	LF	100		\$	\$
SW430.8	Pipe Culvert (24" x 38" SS) (ECP)	LF	150		\$	\$
SW430.85	Pipe Culvert (29" x 45" SS) (ECP)	LF	40		\$	\$
SW430.86	Pipe Culvert (43" x 68" SS) (ECP)	LF	40		\$	\$
SW430.9	Pipe Culvert (38" x 60" SS) (ECP)	LF	20		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
SW435	Connect To Existing Stormwater To Manhole	EA	18		\$	\$
SW530	Riprap (rubble)	CY	100		\$	\$
	<b>SCHEDULE C - WATER - MINOR PROJECTS PAY ITEMS</b>					
DD5001	F&I full fire hydrant assembly on existing mains via Tap	EA	10		\$	\$
DD5002	F&I full fire hydrant assembly on existing mains via remove & replace ex FH, valve & Tee	EA	5		\$	\$
DD5003	F&I fire hydrant assembly & new hydrant valve downstream of existing (to remain, wasted) hydrant valve	EA	5		\$	\$
DD5101	F&I 6" Gradelok fitting with DD5001, DD5002, or DD5003	EA	10		\$	\$
DD5102	F&I 12" Gradelok fitting with DD5001, DD5002, or DD5003	EA	10		\$	\$
DD5103	F&I 24" Gradelok fitting with DD5001, DD5002, or DD5003	EA	10		\$	\$
DD5201	Remove & salvage hydrant - Type I removal	EA	5		\$	\$
DD5003	Remove & salvage hydrant - Type II removal	EA	5		\$	\$
DD6012	F&I 2" gate valve with box on DIP, CIP or PVC	EA	5		\$	\$
DD6013	F&I 3" gate valve with box on DIP, CIP or PVC	EA	2		\$	\$
DD6014	F&I 4" gate valve with box on DIP, CIP or PVC	EA	2		\$	\$
DD6015	F&I 6" gate valve with box on DIP, CIP or PVC	EA	5		\$	\$
DD6016	F&I 8" gate valve with box on DIP, CIP or PVC	EA	5		\$	\$
DD6017	F&I 10" gate valve with box on DIP, CIP or PVC	EA	2		\$	\$
DD6018	F&I 12" gate valve with box on DIP, CIP or PVC	EA	5		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
DD6019	F&I 16" gate valve with box on DIP, CIP or PVC	EA	5		\$	\$
DD6020	F&I 16" butterfly valve with box on DIP, CIP or PVC	EA	10		\$	\$
DD6021	F&I 20" butterfly valve with box on DIP or CIP	EA	5		\$	\$
DD6022	F&I 24" butterfly valve with box on DIP or CIP	EA	10		\$	\$
DD6023	F&I 30" butterfly valve with box on DIP or CIP	EA	10		\$	\$
DD6024	F&I 36" butterfly valve with box on DIP or CIP	EA	6		\$	\$
DD6025	F&I 42" butterfly valve with box on DIP or CIP	EA	2		\$	\$
DD6026	F&I 48" butterfly valve with box on DIP or CIP	EA	2		\$	\$
DD6027	F&I 16" gate valve with box on DIP, CIP or PVC, in ex. Vault	EA	5		\$	\$
DD6028	F&I 16" butterfly valve with box on DIP, CIP or PVC, in ex. Vault	EA	5		\$	\$
DD6029	F&I 20" butterfly valve with box on DIP or CIP, in ex. Vault	EA	2		\$	\$
DD6030	F&I 24" butterfly valve with box on DIP or CIP, in ex. Vault	EA	2		\$	\$
DD6031	F&I 30" butterfly valve with box on DIP or CIP, in ex. Vault	EA	2		\$	\$
DD6032	F&I 36" butterfly valve with box on DIP or CIP, in ex. Vault	EA	2		\$	\$
DD6033	F&I 42" butterfly valve with box on DIP or CIP, in ex. Vault	EA	2		\$	\$
DD6075	F&I 2" gate valve and box on HDPE	EA	2		\$	\$
DD6076	F&I 4" gate valve and box on HDPE	EA	2		\$	\$
DD6077	F&I 6" gate valve and box on HDPE	EA	2		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
DD6078	F&I 8" gate valve and box on HDPEP	EA	2		\$	\$
6074	F&I 12" gate valve and box on HDPEP	EA	2		\$	\$
DD8200	Furnish tap and install 3/4" or 1" meter service on PVC, DIP, or CIP (0-15' HDPE)	EA	600		\$	\$
DD8201	Furnish, tap and install 3/4" meter service on PVC, DIP or CIP (+15-80' HDPE)	EA	200		\$	\$
DD8202	Furnish, tap and install 3/4" meter service on PVC, DIP or CIP (+80-150' HDPE)	EA	2		\$	\$
DD8203	Furnish, tap and install 3/4" Dual meter service on PVC, DIP or CIP (0-15' HDPE)	EA	5		\$	\$
DD8204	Furnish, tap and install 3/4" Dual or 1" Dual meter service on PVC, DIP or CIP (+15-80' HDPE)	EA	5		\$	\$
DD8205	Furnish, tap and install 3/4" Dual meter service on PVC, DIP or CIP (+80-150' HDPE)	EA	2		\$	\$
DD8206	Furnish, tap and install 1" Dual meter service on PVC, DIP or CIP (0-15' HDPE)	EA	2		\$	\$
DD8207	Furnish, tap and install 1" or 1-1/2" meter service on PVC, DIP or CIP (+15-80' HDPE)	EA	5		\$	\$
DD8208	Furnish, tap and install 1" or 1-1/2" meter service on PVC, DIP or CIP (+80-150' HDPE)	EA	2		\$	\$
DD8209	Furnish, tap and install 1-1/2" or 2" meter service on PVC, DIP or CIP (0-15' HDPE)	EA	5		\$	\$
DD8210	Furnish, tap and install 2" DDCV and service on PVC, DIP or CIP (0-15' HDPE)	EA	1		\$	\$
DD8250	Furnish, tap and install 3/4" or 1" meter service on HDPEP (0-15' HDPE)	EA	5		\$	\$
DD8251	Furnish, tap and install 3/4" meter service on HDPEP (+15-80' HDPE)	EA	2		\$	\$
DD8252	Furnish, tap and install 3/4" meter service HDPEP (+80-150' HDPE)	EA	2		\$	\$
DD8253	Furnish, tap and install 3/4" Dual meter service on HDPEP (0-15' HDPE)	EA	2		\$	\$
DD8254	Furnish, tap and install 3/4" Dual or 1" Dual meter service on HDPEP (+15-80' HDPE)	EA	2		\$	\$



Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
DD8255	Furnish, tap and install 3/4" Dual meter service on HDPEP (+80-150' HDPE)	EA	2		\$	\$
DD8256	Furnish, tap and install 1" Dual meter service on HDPEP (0-15' HDPE)	EA	2		\$	\$
DD8257	Furnish, tap and install 1" or 1-1/2" meter service on HDPEP (+15-80' HDPE)	EA	2		\$	\$
DD8258	Furnish, tap and install 1-1/2" or 2" meter service on HDPEP (+80-150' HDPE)	EA	2		\$	\$
DD8259	Furnish, tap and install 1" or 1-1/2" meter service on HDPEP (0-15' HDPE)	EA	5		\$	\$
DD8260	Furnish, tap and install 2" DDCV and service on HDPEP (0-15' HDPE)	EA	2		\$	\$
DD9230	Furnish, place and compact limerock base	CY	100		\$	\$
DD9231	Furnish, place and compact crushed concrete base	CY	100		\$	\$
DD9233	Furnish, place and compact Superpave Type SP-12.5 asphalt base course	SY-IN	3,000		\$	\$
DD9234	Furnish and install asphalt concrete surface Type S-1	SY-IN	4,000		\$	\$
DD9235	Furnish and install asphalt concrete surface Superpave Type SP-12.5	SY-IN	2,000		\$	\$
DD9236	Furnish, place, grade and compact Type SIII asphaltic concrete overlay	SY-IN	4,500		\$	\$
DD9237	Furnish, place, grade and compact Superpave Type SP-9.5 asphaltic concrete overlay	SY-IN	2,000		\$	\$
DD9238	Mobilization to perform mechanical milling	EA	12		\$	\$
DD9239	Mechanical milling of asphalt roadways in 1-inch increments	SY-IN	5,000		\$	\$
DD9240	Restore 6" thick concrete driveway	SY	300		\$	\$
DD9241	Restore brick pavement, including base material	SY	200		\$	\$
DD9242	Install Brick pavement furnished by City, Contractor F&I base material	SY	100		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
DD9243	Furnish materials & Install Signalization loops	EA	6		\$	\$
DD9244	Furnish Traffic Control Officer (Off Duty Law Enforcement)	MH	250		\$	\$
DD9245	Furnish and install Work Zone Signs	ED	5,000		\$	\$
DD9246	Furnish and install Business Signs	ED	10		\$	\$
DD9247	Furnish and install Barricades (Temporary - Type II)	ED	5,000		\$	\$
DD9248	Furnish and install Barricades (Temporary Type III) (6")	ED	5,000		\$	\$
DD9249	Furnish and install Advance Warning Arrow Panel	ED	10		\$	\$
DD9250	Furnish and install High Intensity Flashing Lights (Temporary-Type B)	ED	1,500		\$	\$
DD9251	Furnish and install Variable Message Sign (Temporary)	ED	5		\$	\$
DD9308	Furnish and install valley curb	LF	100		\$	\$
DD9309	Furnish and install Miami curb	LF	100		\$	\$
DD9310	Furnish and install Type "D" concrete curb	LF	100		\$	\$
DD9311	Furnish and install Type "F" concrete curb	LF	100		\$	\$
DD9312	Furnish and install stone or precast curb	LF	100		\$	\$
DD9313	Remove and install existing stone curb	LF	80		\$	\$
DD9314	Furnish and install asphaltic concrete curb	LF	200		\$	\$
DD9315	Furnish and install 4" thick concrete sidewalk	SY	500		\$	\$
DD9316	Furnish and install hexagon block sidewalk	SY	20		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
DD9318	Grade, fertilize, sprig, and hydro-seed roadside	SY	1,000		\$	\$
DD9319	F&I detectable warnings on concrete walking surfaces	EA	20		\$	\$
DD9320	Grade and sod roadside/ditch bottoms and sides - Bahia	SY	2,500		\$	\$
DD9321	Grade and sod roadside/ditch bottoms & sides - St. Augustine	SY	2,500		\$	\$
				TOTAL	\$	\$