



# CITY OF TAMPA

Bob Buckhorn, Mayor

CONTRACT ADMINISTRATION DEPARTMENT

Michael W. Chucran, Director

## ADDENDUM 2

April 18, 2018

Contract 17-C-00021; Citywide Water Meter and Valve Installation - Rebid

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-2 through P-18 with the attached pages P-2R through P-18R.

Item 2: Clarification: The following Requests for Information and Responses are provided.

1. How many contracts will be awarded?  
Response: The number of contracts to be awarded are unknown at this time, and will be determined after bids are received. However, up to three contracts may be issued.
2. If multiple contracts are awarded, will the contract amount be split?  
Response: Each contract will be awarded in the amount of about \$2 million.
3. If multiple contracts are awarded, will crew requirement numbers change?  
Response: No – crew requirements will remain the same for each contractor, as specified in Specific Provisions section S-4.04 Available Resources.
4. If multiple contracts are awarded, how will work be allocated between each contractor?  
Response: Initially, workload quantity will be distributed equally, alternately. Upon completion of assigned projects, contractors will receive the next highest priority project, if available. As noted in Specific Provisions section S-4.01, subsequent quantities of work issued to the contractor may be based on performance criteria.
5. Are American made materials required for pipes, fittings, etc.?  
Response: Source of materials provided (whether domestic manufacture or not) is specified (for all products) in the Materials Specifications section of the bid documents. "American-made" is required for some products, but not all.

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 Contract Administration@tampagov.net.

*Jim Greiner*

Jim Greiner, P.E., Contract Management Supervisor

306 E. Jackson Street, 4N • Tampa, Florida 33602 • (813) 274-8456 • FAX: (813) 274-8080



Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
<b>CONTRACT PAY ITEMS</b>						
2100	F&I 4" ductile iron pipe	LF	200		\$	\$
2102	F&I 6" ductile iron pipe	LF	200		\$	\$
2104	F&I 8" ductile iron pipe	LF	200		\$	\$
2105	F&I 10" ductile iron pipe	LF	200		\$	\$
2106	F&I 12" ductile iron pipe	LF	200		\$	\$
2108	F&I 16" ductile iron pipe	LF	200		\$	\$
2149	F&I 2" PVC pipe and fittings at various depths	LF	100		\$	\$
2150	F&I 4" PVC pipe	LF	100		\$	\$
2152	F&I 6" PVC pipe	LF	100		\$	\$
2154	F&I 8" PVC pipe	LF	100		\$	\$
2156	F&I 12" PVC pipe	LF	100		\$	\$
2158	F&I 16" PVC pipe	LF	100		\$	\$
2160	F&I 4" restrained joint PVC pipe by open cut	LF	100		\$	\$
2162	F&I 6" restrained joint PVC pipe by open cut	LF	100		\$	\$
2164	F&I 8" restrained joint PVC pipe by open cut	LF	100		\$	\$
2166	F&I 12" restrained joint PVC pipe by open cut	LF	100		\$	\$
2168	F&I 16" restrained joint PVC pipe by open cut	LF	100		\$	\$
2200	F&I 2" HDPE w/HDPE transitions adapters at various depths	LF	100		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
2201	F&I 4" HDPE pipe at variuos depths	LF	100		\$	\$
2202	F&I 6" HDPE pipe at variuos depths	LF	100		\$	\$
2203	F&I 8" HDPE pipe at variuos depths	LF	100		\$	\$
2204	F&I 10" HDPE pipe at variuos depths	LF	100		\$	\$
2205	F&I 12" HDPE pipe at variuos depths	LF	100		\$	\$
2206	F&I 14" HDPE pipe at variuos depths	LF	100		\$	\$
2207	F&I 6" restrained joint PVC pipe by HDD at various depths	LF	100		\$	\$
2208	F&I 8" restrained joint PVC pipe by HDD at various depths	LF	100		\$	\$
2212	F&I 12" restrained joint PVC pipe by HDD at various depths	LF	100		\$	\$
2216	F&I 16" restrained joint PVC pipe by HDD at various depths	LF	100		\$	\$
2300	Furnish, install and remove 2-inch temporary service line	LF	50		\$	\$
2400	Furnish & install 4" OD steel casing pipe	LF	2		\$	\$
2401	Furnish & install 12" OD steel casing pipe	LF	2		\$	\$
2402	Furnish & install 14" OD steel casing pipe	LF	2		\$	\$
2403	Furnish & install 16" OD steel casing pipe	LF	2		\$	\$
2404	Furnish & install 20" OD steel casing pipe	LF	2		\$	\$
2405	Furnish & install 24" OD steel casing pipe	LF	2		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
2500	Removal of abandoned pipe 3" and smaller in diameter	LF	2			
2501	Removal of abandoned pipe 4" - 10" in diameter	LF	2	\$	\$	
2502	Removal of abandoned pipe 12" and larger in diameter	LF	2	\$	\$	
2600	Cut and plug 3" and smaller in diameter pipe, to include meter services lines	EA	10	\$	\$	
2601	Cut and plug 4", 6" and 8" diameter pipe	EA	2	\$	\$	
2602	Cut and plug 10", 12" and 16" diameter pipe	EA	2	\$	\$	
2700	Furnish and push 4" ductile iron pipe under root system	LF	10	\$	\$	
2701	Furnish and push 6" ductile iron pipe under root system	LF	10	\$	\$	
2702	Furnish and push 8" ductile iron pipe under root system	LF	10	\$	\$	
2800	Make tap and furnish materials to connect 3" and smaller water mains to new/existing mains (0-15 ft. in length)	EA	2	\$	\$	
2801	Make tap and furnish materials to connect 3" and smaller water mains to new/existing mains (more than 15 ft. in length)	EA	2	\$	\$	
3000	F&I 4" wedge-action MJ or flange restraint	EA	10	\$	\$	
3001	F&I 6" wedge-action MJ or flange restraint	EA	10	\$	\$	
3002	F&I 8" wedge-action MJ or flange restraint	EA	10	\$	\$	
3003	F&I 10" wedge-action MJ or flange restraint	EA	10	\$	\$	
3004	F&I 12" wedge-action MJ or flange restraint	EA	10	\$	\$	
3005	F&I 14" wedge-action MJ or flange restraint	EA	10	\$	\$	
3006	F&I 16" wedge-action MJ or flange restraint	EA	10	\$	\$	

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
3040	Furnish & install 4" bell and MJ restraint on existing pipe	EA	4		\$	\$
3041	Furnish & install 6" bell and MJ restraint on existing pipe	EA	4		\$	\$
3042	Furnish & install 8" bell and MJ restraint on existing pipe	EA	4		\$	\$
3043	Furnish & install 10" bell and MJ restraint on existing pipe	EA	4		\$	\$
3044	Furnish & install 12" bell and MJ restraint on existing pipe	EA	4		\$	\$
3045	Furnish & install 16" bell and MJ restraint on existing pipe	EA	4		\$	\$
3050	Furnish & install 4" wedge-action MJ restraint on new PVC pipe	EA	10		\$	\$
3051	Furnish & install 6" wedge-action MJ restraint on new PVC pipe	EA	10		\$	\$
3052	Furnish & install 8" wedge-action MJ restraint on new PVC pipe	EA	10		\$	\$
3053	Furnish & install 12" wedge-action MJ restraint on new PVC pipe	EA	10		\$	\$
3054	Furnish & install 16" wedge-action MJ restraint on new PVC pipe	EA	10		\$	\$
3070	Furnish 4" push-on gasket (gripper-type) restraint	EA	2		\$	\$
3071	Furnish 6" push-on gasket (gripper-type) restraint	EA	2		\$	\$
3072	Furnish 8" push-on gasket (gripper-type) restraint	EA	2		\$	\$
3073	Furnish 12" push-on gasket (gripper-type) restraint	EA	2		\$	\$
3074	Furnish 16" push-on gasket (gripper-type) restraint	EA	2		\$	\$
4000	F&I 4" DI MJ plug or cap	EA	2		\$	\$
4001	F&I 4" DI MJ bend, offset, sleeve or reducer	EA	2		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
4002	F&I 4" DI MJ tee	EA	2		\$	\$
4003	F&I 4" (x 12") DI MJ offset	EA	2		\$	\$
4004	F&I 6" DI MJ plug or cap	EA	2		\$	\$
4005	F&I 6" DI MJ bend, offset, sleeve or reducer	EA	2		\$	\$
4006	F&I 6" DI MJ tee	EA	2		\$	\$
4007	F&I 6" (x 12") DI MJ offset	EA	2		\$	\$
4008	F&I 8" DI MJ plug or cap	EA	2		\$	\$
4009	F&I 8" DI MJ bend, offset, sleeve or reducer	EA	2		\$	\$
4010.1	F&I 8" x 4" DI MJ tee	EA	2		\$	\$
4010.2	F&I 8" x 6" DI MJ tee	EA	2		\$	\$
4010.3	F&I 8" x 8" DI MJ tee	EA	2		\$	\$
4011	F&I 8" (x 12") DI MJ offset	EA	2		\$	\$
4012	F&I 12" D MJ plug or cap	EA	2		\$	\$
4013	F&I 12" DI MJ sleeve or reducer	EA	2		\$	\$
4013.1	F&I 12" DI MJ 11.25°(or 22.5°) bend	EA	2		\$	\$
4013.2	F&I 12" 45° DI MJ bend	EA	2		\$	\$
4013.3	F&I 12" 90° DI MJ bend	EA	2		\$	\$
4014.1	F&I 12" x 4" (or 6") DI MJ tee	EA	2		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
4014.2	F&I 12" x 8" DI MJ tee with	EA	2		\$	\$
4014.3	F&I 12" x 12" DI MJ tee	EA	2		\$	\$
4015	F&I 12" (x 12") DI MJ offset	EA	2		\$	\$
4016	F&I 16" MJ DI MJ plug or cap	EA	2		\$	\$
4017	F&I 16" DI MJ sleeve or reducer	EA	2		\$	\$
4017.1	F&I 16" DI MJ 11.25° bend	EA	2		\$	\$
4017.2	F&I 16" 22.5° DI MJ bend	EA	2		\$	\$
4017.3	F&I 16" 45° DI MJ bend	EA	2		\$	\$
4017.4	F&I 16" 90° DI MJ bend	EA	2		\$	\$
4018.1	F&I 16" x 4" (or 6") DI MJ tee	EA	2		\$	\$
4018.2	F&I 16" x 8" DI MJ tee	EA	2		\$	\$
4018.3	F&I 16" x 12" DI MJ tee	EA	2		\$	\$
4018.4	F&I 16" x 16" DI MJ tee	EA	2		\$	\$
4019	F&I 16" (x 12") DI MJ offset	EA	2		\$	\$
5000	F&I Full FHA on new or existing main – via Tee or Tap (valve and tee/tap paid separate)	EA	2		\$	\$
5001	F&I Full FHA on ex. main – via Remove & Replace ex. hydrant, valve & tee (new valve and tee paid separate)	EA	2		\$	\$
5002	F&I FHA and Valve on ex. main – via Remove & Replace ex. hydrant and hydrant valve (new valve to be paid separate)	EA	2		\$	\$
5003	F&I FHA and Valve on ex. main – via Remove & Replace ex. FHA & waste ex. valve (new valve paid separate)	EA	2		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
5004	Remove and Relocate ex. FHA and/or valve downstream of ex. hydrant valve or tee	EA	2		\$	\$
5010	F&I 6" Gradelok fitting with 5001, 5002, or 5003 installations	EA	2		\$	\$
5011	F&I 12" Gradelok fitting with 5001, 5002, or 5003 installations	EA	2		\$	\$
5012	F&I 24" Gradelok fitting with 5001, 5002, or 5003 installations	EA	2		\$	\$
5101	Remove & salvage hydrant - Type I removal	EA	2		\$	\$
5102	Remove & salvage hydrant - Type II removal	EA	2		\$	\$
5300	F&I Protection Post	EA	2		\$	\$
6000	F&I 2" gate or tapping valve (wow) with box on new main	EA	2		\$	\$
6001	F&I 4" gate or tapping valve (wow) with box on new main	EA	2		\$	\$
6002	F&I 6" gate or tapping valve (wow) with box on new main	EA	2		\$	\$
6003	F&I 8" gate or tapping valve (wow) with box on new main	EA	2		\$	\$
6004	F&I 10" gate or tapping valve (wow) with box on new main	EA	2		\$	\$
6005	F&I 12" gate or tapping valve (wow) with box on new main	EA	2		\$	\$
6006	F&I 16" gate valve (wow) with box on new main	EA	2		\$	\$
6020	F&I 16" butterfly valve (wow) with box on new main	EA	2		\$	\$
6080	F&I 2-ft. Valve Nut Extension	EA	2		\$	\$
6081	F&I 3-ft. Valve Nut Extension	EA	2		\$	\$
6082	F&I 4-ft. Valve Nut Extension	EA	2		\$	\$



Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
6100	F&I 2" gate valve and box on existing main	EA	2		\$	\$
6101	F&I 3" gate valve and box on existing main	EA	2		\$	\$
6102	F&I 4" gate valve and box on existing main	EA	2		\$	\$
6103	F&I 6" gate valve and box on existing main	EA	2		\$	\$
6104	F&I 8" gate valve and box on existing main	EA	2		\$	\$
6105	F&I 10" gate valve and box on existing main	EA	2		\$	\$
6106	F&I 12" gate valve and box on existing main	EA	2		\$	\$
6107	F&I 16" gate valve and box on existing main	EA	2		\$	\$
6115	F&I 16" butterfly valve and box on existing main	EA	2		\$	\$
6130	F&I 16" gate valve and box on existing DIP or CIP, in ex. Vault	EA	2		\$	\$
6131	F&I 16" butterfly valve and box on existing DIP or CIP, in ex. Vault	EA	2		\$	\$
6140	Remove ≥16" valve from ex. vault, sleeve pipe ends together, backfill vault, dispose of ex. lid	EA	2		\$	\$
6200	F&I 2" or 2-1/2" Linestop on Water Main	EA	1		\$	\$
6201	F&I 4" Linestop on DI/CI/PVC Water Main	EA	1		\$	\$
6202	F&I 4" Linestop on AC Water Main	EA	1		\$	\$
6203	F&I 6" Linestop on DI/CI/PVC Water Main	EA	1		\$	\$
6204	F&I 6" Linestop on AC Water Main	EA	1		\$	\$
6205	F&I 8" Linestop on DI/CI/PVC Water Main	EA	1		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
6206	F&I 8" Linestop on AC Water Main	EA	1		\$	\$
6207	F&I 10" Linestop on DI/CI/PVC Water Main	EA	1		\$	\$
6208	F&I 12" Linestop on DI/CI/PVC Water Main	EA	1		\$	\$
6209	F&I 16" Linestop on DI/CI/PVC Water Main	EA	1		\$	\$
6210	F&I 24" Linestop on DI/CI Water Main	EA	1		\$	\$
6211	F&I 30" Linestop on DI/CI Water Main	EA	1		\$	\$
6212	F&I 36" Linestop on DI/CI Water Main	EA	1		\$	\$
6304	F&I 4" TEAM Insertion Valve	EA	1		\$	\$
6306	F&I 6" TEAM Insertion Valve	EA	1		\$	\$
6308	F&I 8" TEAM Insertion Valve	EA	1		\$	\$
6312	F&I 12" TEAM Insertion Valve	EA	1		\$	\$
7001.0	F&I 4" MJ tapping sleeve and make tap	EA	1		\$	\$
7000.1	F&I 6" x 4" Steel tapping sleeve and make tap	EA	1		\$	\$
7001.2	F&I 6" x 6" MJ tapping sleeve and make tap	EA	1		\$	\$
7002.1	F&I 8" x 4" Steel tapping sleeve and make tap	EA	1		\$	\$
7002.2	F&I 8" x 6" Steel tapping sleeve and make tap	EA	1		\$	\$
7002.3	F&I 8" x 8" MJ tapping sleeve and make tap	EA	1		\$	\$
7003.1	F&I 12" x 4" Steel tapping sleeve and make tap	EA	1		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
7003.2	F&I 12" x 6" Steel tapping sleeve and make tap	EA	1		\$	\$
7003.3	F&I 12" x 8" Steel tapping sleeve and make tap	EA	1		\$	\$
7003.4	F&I 12" x 12" MJ tapping sleeve and make tap	EA	1		\$	\$
7004.1	F&I 16" x (≤8") Steel tapping sleeve and make tap	EA	1		\$	\$
7004.2	F&I 16" x 12" Steel tapping sleeve and make tap	EA	1		\$	\$
7004.3	F&I 16" x 16" MJ tapping sleeve and make tap	EA	1		\$	\$
8100	FT&I 3/4" or 1" meter service on PVC, DIP, or CIP (0-15')	EA	160		\$	\$
8101	FT&I 3/4" meter service on PVC, DIP or CIP (+15'-80')	EA	160		\$	\$
8102	FT&I 3/4" meter service on PVC, DIP or CIP (+80'-150')	EA.	1		\$	\$
8103	FT&I 3/4" or 1" Dual meter service on PVC, DIP or CIP (0 - 15')	EA.	1		\$	\$
8104	FT&I 3/4" or 1" Dual meter service on PVC, DIP or CIP (+15'-80')	EA.	1		\$	\$
8105	FT&I 3/4" Dual meter service on PVC, DIP or CIP (+80'-150')	EA.	1		\$	\$
8106	FT&I 1" Dual meter service on PVC, DIP or CIP (+80'-150')	EA.	1		\$	\$
8107	FT&I 1" or 1-1/2" meter service on PVC, DIP or CIP (+15'-80')	EA	1		\$	\$
8108	FT&I 1" or 1-1/2" meter service on PVC, DIP or CIP (+80'-150')	EA	1		\$	\$
8109	FT&I 1-1/2" or 2" meter service on PVC, DIP or CIP (0-15')	EA	1		\$	\$
8110	FT&I 2" DDCV and service on PVC, DIP or CIP (0-15')	EA	1		\$	\$
8120	FT&I 3/4" or 1" meter service on HDPE (0-15')	EA	1		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
8121	FT&I 3/4" meter service on HDPEP (+15'-80')	EA	1		\$	\$
8122	FT&I 3/4" meter service on HDPEP (+80'-150')	EA	1		\$	\$
8123	FT&I 3/4" or 1" Dual meter service on HDPEP (0 - 15')	EA	1		\$	\$
8124	FT&I 3/4" or 1" Dual meter service on HDPEP (+15'-80')	EA.	1		\$	\$
8125	FT&I 3/4" Dual meter service on HDPEP (+80'-150')	EA.	1		\$	\$
8126	FT&I 1" Dual meter service on HDPEP (80'-150')	EA.	1		\$	\$
8127	FT&I 1" or 1-1/2" meter service on HDPEP (+15'-80')	EA	1		\$	\$
8128	FT&I 1" or 1-1/2" meter service on HDPEP (+80'-150')	EA	1		\$	\$
8129	FT&I 1-1/2" or 2" meter service on HDPEP (0-15')	EA	1		\$	\$
8130	FT&I 2" DDCV and service on HDPEP (0-15')	EA	1		\$	\$
8300	Install City-provided 3" meter (slab or vault to be paid separate)	EA	1		\$	\$
8301	Install city-provided 4" meter (slab or vault to be paid separate)	EA	1		\$	\$
8302	Install city-provided 6" meter (slab or vault to be paid separate)	EA	1		\$	\$
8303	Install city-provided 8" meter (slab or vault to be paid separate)	EA	1		\$	\$
8320	Install 4" double detector check valve assembly	EA	1		\$	\$
8321	Install 6" double detector check valve assembly	EA	1		\$	\$
8322	Install 8" double detector check valve assembly	EA	1		\$	\$
8323	Install 10" double detector check valve assembly	EA	1		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
8324	Install 12" double detector check valve assembly	EA	1		\$	\$
8400	F&I 6' 0" X 6' 0" above-ground vault or below-ground vault	EA	1		\$	\$
8401	F&I 8' 0" X 5' 4" above-ground vault or below-ground vault	EA	1		\$	\$
8402	F&I 9' 4" X 8' 0" above-ground vault or below-ground vault	EA	1		\$	\$
8403	F&I 10' 8" X 8' 0" above-ground vault or below-ground vault	EA	1		\$	\$
8404	F&I auxiliary materials for above-ground large service w/ 12'x5' slab	EA	1		\$	\$
8405	F&I auxiliary materials for above-ground large service w/ 12'x9' slab	EA	1		\$	\$
9200	(RFS) Furnish, place and compact limerock base	CY	40		\$	\$
9201	(RFS) Furnish, place and compact crushed concrete base	CY	40		\$	\$
9202	(RFS) Furnish and place approved flowable fill	CY	10		\$	\$
9203	(RFS) Furnish, place and compact asphalt base course (Superpave Type B-12.5)	SY-IN	60		\$	\$
9204	(RFS) Furnish and install asphalt concrete surface course (Type S-1)	SY-IN	60		\$	\$
9205	(RFS) Furnish, place and compact asphalt concrete surface course, (Superpave Type SP-12.5)	SY-IN	60		\$	\$
9206	(RFS) Furnish, place, grade and compact asphaltic concrete overlay (Type SIII)	SY-IN	60		\$	\$
9207	(RFS) Furnish, place, grade and compact asphaltic concrete overlay (Superpave Type SP-9.5)	SY-IN	60		\$	\$
9208	(RFS) Mobilization to perform mechanical milling	EA	4		\$	\$
9209	(RFS) Mechanical milling of asphalt roadways in 1-inch increments	SY-IN	1,000		\$	\$
9210	(RFS) Restore 6" thick concrete driveway	SY	60		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9211	(RFS) Restore brick pavement, including base material	SY	10		\$	\$
9212	(RFS) Install Brick pavement furnished by City, Contractor F&I base material	SY	10		\$	\$
9220	(RFO) Furnish, place and compact limerock base	CY	40		\$	\$
9221	(RFO) Furnish, place and compact crushed concrete base	CY	40		\$	\$
9222	(RFO) Furnish and place approved flowable fill	CY	10		\$	\$
9223	(RFO) Furnish, place and compact asphalt base course (Superpave Type B-12.5)	SY-IN	60		\$	\$
9224	(RFO) Furnish and install asphalt concrete surface course (Type S-1)	SY-IN	60		\$	\$
9225	(RFO) Furnish, place and compact asphalt concrete surface course, (Superpave Type SP-12.5)	SY-IN	60		\$	\$
9226	(RFO) Furnish, place, grade and compact asphaltic concrete overlay (Type SIII)	SY-IN	60		\$	\$
9227	(RFO) Furnish, place, grade and compact asphaltic concrete overlay (Superpave Type SP-9.5)	SY-IN	60		\$	\$
9228	(RFO) Mobilization to perform mechanical milling	EA	5		\$	\$
9229	(RFO) Mechanical milling of asphalt roadways in 1-inch increments	SY-IN	1,000		\$	\$
9230	(RFO) Restore 6" thick concrete driveway	SY	60		\$	\$
9231	(RFO) Restore brick pavement, including base material	SY	20		\$	\$
9232	(RFO) Install Brick pavement furnished by City, Contractor F&I base material	SY	20		\$	\$
9250	Furnish materials & Install Signalization loops	EA	2		\$	\$
9251	Furnish Traffic Control Officer (Off-Duty Law Enforcement)	MH	10		\$	\$
9252	Furnish and install Work Zone Signs	ED	200		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9253	Furnish and install Business Signs	ED	10		\$	\$
9254	Furnish and install Barricades (Temporary - Type II)	ED	1,000		\$	\$
9255	Furnish and install Barricades (Temporary Type III) (6')	ED	1,000		\$	\$
9256	Furnish and install Advance Warning Arrow Panel	ED	10		\$	\$
9257	Furnish and install High Intensity Flashing Lights (Temporary-Type B)	ED	1,000		\$	\$
9258	Furnish and install Variable Message Sign (Temporary)	ED	10		\$	\$
9259	Prepare and submit agency specific S&S MOT plans, if required	SH	10		\$	\$
9300	(RFS) Furnish and install Type "D" concrete curb	LF	20		\$	\$
9301	(RFS) Furnish and install valley curb	LF	20		\$	\$
9302	(RFS) Furnish and install Miami curb	LF	10		\$	\$
9303	(RFS) Furnish and install Type "F" concrete curb	LF	10		\$	\$
9304	(RFS) Furnish and install stone or precast curb	LF	20		\$	\$
9305	(RFS) Remove and install existing stone curb	LF	10		\$	\$
9306	(RFS) Furnish and install asphaltic concrete curb	LF	10		\$	\$
9307	(RFS) Furnish and install 4" thick concrete sidewalk	SY	60		\$	\$
9308	(RFS) Furnish and install hexagon block sidewalk	SY	10		\$	\$
9309	(RFS) Grade and sod roadside/ditch bottoms and sides - Bahia	SY	500		\$	\$
9310	(RFS) Grade and sod roadside/ditch bottoms & sides - St. Augustine	SY	300		\$	\$

Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9311	(RFS) Grade, fertilize, sprig, and hydro-seed roadside	SY	20		\$	\$
9312	(RFS) F&I detectable warnings on concrete walking surfaces	EA	6		\$	\$
9320	(RFO) Furnish and install Type "D" concrete curb	LF	20		\$	\$
9321	(RFO) Furnish and install valley curb	LF	20		\$	\$
9322	(RFO) Furnish and install Miami curb	LF	20		\$	\$
9323	(RFO) Furnish and install Type "F" concrete curb	LF	20		\$	\$
9324	(RFO) Furnish and install stone or precast curb	LF	20		\$	\$
9325	(RFO) Remove and install existing stone curb	LF	20		\$	\$
9326	(RFO) Furnish and install asphaltic concrete curb	LF	20		\$	\$
9327	(RFO) Furnish and install 4" thick concrete sidewalk	SY	50		\$	\$
9328	(RFO) Furnish and install hexagon block sidewalk	SY	3		\$	\$
9329	(RFO) Grade and sod roadside/ditch bottoms and sides - Bahia	SY	200		\$	\$
9330	(RFO) Grade and sod roadside/ditch bottoms & sides - St. Augustine	SY	200		\$	\$
9331	(RFO) Grade, fertilize, sprig, and hydro-seed roadside	SY	2		\$	\$
9332	(RFO) F&I detectable warnings on concrete walking surfaces	EA	2		\$	\$
9400	Grout abandoned pipe	CY	2		\$	\$
9410	Place and compact backfill soils	CY	2		\$	\$
9411	Furnish, place and compact backfill soils	CY	2		\$	\$



Item No.	Description	Unit	Approx. Quantity	Unit Price in Words	Unit Price	Total Computed Price
9500	Furnish, form and place reinforced concrete	CY	2		\$	\$
9501	Restore rip-rap (rubble)	CY	2		\$	\$
9502	Replace 4" or 6" VC sanitary sewer pipe with PVC	LF	2		\$	\$
9503	Replace 8" or 10" VC sanitary sewer pipe with PVC	LF	2		\$	\$
9504	Replace damaged but not marked sanitary laterals, w PVC	LF	2		\$	\$
9505	Video photography	LF	100		\$	\$
9600	Demolish and Remove Large service vault	EA	1		\$	\$
9601	Demolish and Remove Large service concrete slab	EA	1		\$	\$
9700	Excavation and removal of rock	CY	6		\$	\$
9701	Excavation and removal of muck	CY	6		\$	\$
9800	Removal of trees 5" in diameter and greater	EA	1		\$	\$
9801	Root Pruning	LF	1		\$	\$
9802	F&I 2" diameter Oaks	EA	1		\$	\$
9900	Excavation exploratory pits	EA	1	Five Hundred Dollars	\$ 500.00	\$ 500.00
9920	F&I blow-off assembly w/valve & meter box, per Detail 2.16	EA	1		\$	\$
9921	F&I blow-off assembly w/valve & meter box, per Detail 2.17	EA	1		\$	\$
9922	F&I air release valve (ARV) w/pedestal per Detail 2.14	EA	1		\$	\$
9923	F&I air vacuum air release valve (AVAR) w/pedestal, per Detail 2.14C	EA	1		\$	\$

