BARTLET & WEST ENGINEERING SERVICES FEE ESTIMATE										
MAPLE STREET STORM SEWER IMPROVEMENTS										
DATE: ARIL 3, 2015										
	Engineer	Engineer	Engineer	Engineer	Engineer	Eng. Tech.	Eng. Tech.	Expenses	Description	
	TD	BTA	ADW	AC	CC	DM	MH			Total Dollars
	$169.00	$142.00	$132.00	$142.00	$122.00	$108.00	$125.00			
INITIAL BIDDING PHASE SERVICES										
Prepare for and attend pre-bid meeting and answer contractor questions		2	2							$548.00
Issue addendum and clarifications		16	16							$4,384.00
Issue revised drawings for addendum			8			8				$1,920.00
Coordinate with BRB, CAS, RDJE on cost cutting options		2								$284.00
Meeting with city to discuss cost cutting options (2 meetings)										$0.00
DESIGN PHASE										
Coordinate with UPRR on Utility Crossing Force Main Changes			4							$528.00
Coordinate with USACE on Outfall structure changes		4								$568.00
Update Drainage Calculations with revised runoff coefficient criteria		8								$1,136.00
Revise MEP design based on revised design flow	24		24				40			$12,224.00
Revise Hydraulics		4	12							$2,152.00
Revise wet well design and layout		4	24				40			$8,736.00
Revise discharge piping design		4	24				40			$8,736.00
Revise pump station structural design based on smaller size				48		48				$12,000.00
Revised pump station architectural design based on smaller size								$2,500.00	Sabatini	$2,500.00
Update site plan based on revised pump station design					8					$976.00
Update Typical Section based on pipe alternates and smaller pipe size		4				8				$1,432.00
Update plan and profile sheets with revised flowline and pipe size information		8				40				$5,456.00
Update Paving Plan for 6th Street reconstruction		4				12				$1,864.00
Update Bid Items and quantities		8	4			16				$3,392.00
Update Opinion of Probable Cost		4	4							
Update Project Manual and Bid Form		4	4							$1,096.00
Reissue plans for construction						2				$216.00
FINAL BIDDING PHASE SERVICES										
Prepare for and attend pre-bid meeting and answer contractor questions		2	2							$548.00
Issue addendum and clarifications		8	8							$2,192.00
Issue revised drawings for addendum		4	4			8				$1,960.00
Total hours	24	90	140	48	8	142	120			
	$4,056.00	$12,780.00	$18,480.00	$6,816.00	$976.00	$15,336.00	$15,000.00	$2,500.00		**$75,944.00**
The following items are excluded from the base scope of work described in above tasks:										
Construction staking and GIS locates not specifically mentioned above.										
Construction phase services.										
As-built survey information.										