

April 17, 2008

Mr. Courtney McCracken
Project Manager
Brown Facilities Management
295 Lloyd Avenue
Providence, RI 02912

Re: JW Wilson Chiller Plant

Dear Courtney:

Since the start of construction, we have made several revisions to the mechanical, electrical and electrical design on the JWW chiller plant. The revisions were in response to the request from Shawmut or Brown Engineering for coordination with the building renovation project. The work is not covered under any of the current work orders. We therefore request additional fees for the work items listed below.

Item	Work Description	Affected Trades	Man-Hours
1	Deleted cooling towers and associated piping and structural work related to the third chiller.	M/E/S	6
2	Changed electric motor valve actuators to pneumatic actuators. Work included selection of actuators and review of shop drawings.	M	6
2	Relocated electric switchgear and substation to a new location to accommodate the building HVAC air handling unit. The work also included relocation of refrigerant exhaust fans.	M/E	42
3	Changed chilled water piping entry to the building from the JWW project to Campus Utilities Upgrade project	M	4
4	Revised CHW riser and basement piping layout as a result of shaft location change. Added magnetic flow meters in the risers.	M	30
5	Revised CHW and CW connection to chillers as a result of purchasing York chillers.	M	18
6	Revised chiller supporting steel design as a result of purchasing York chillers.	S	6

7	Replaced a 16" flow meter with two 12" flow meters in the CHW risers. This work included revising chilled water piping layout as well.	M	6
8	Revised switchgear and substation supporting steel; provided fence around the switchgear and substation. The work included resolving steel beam conflict with building renovation project.	S	28
9	Revise cooling tower screen wall supporting structural design. The work is required to accommodate new roofing installation. (On-going)	M/S	32
10	Revised gas riser sizing and design as a result of low gas pressure in street main	M	8
11	Size and design compressed air riser and receiver for the future gas pressure booster and pneumatic valve actuators. (To be Done)	M	10
	Total		196

At an averaged billing rate of \$110 per hour, our engineering fee for the above items is **\$21,560**.

We appreciate the opportunity to provide our services to you. If you have any questions with regard to the above, please do not hesitate to contact us.

Very truly yours,

WM Group Engineers, P.C.



Douglas Wen, P.E.
Vice President