

HOUSE No. 6.

Commonwealth of Massachusetts.

BOSTON, Dec. 23, 1893.

To His Excellency WILLIAM E. RUSSELL, *Governor of Massachusetts.*

SIR:—The undersigned, State House Construction Commissioners, report to you as follows with regard to the work of the extension of the State House during the current year:—

The sums expended and contracts made to date are as follows:—

BILLS APPROVED BY STATE HOUSE COMMISSIONERS.

1892.			
		Bills approved to Dec. 25, 1892,	\$1,253,791 76
Dec.	30.	General Electric Company, on account,	3,600 00
		S. D. Hicks & Son, on account,	5,000 00
		Thomas Parker, on account,	8,000 00
		Norcross Brothers, extras,	218 14
		Morrill, Dexter & Co., oils,	6 59
		Charles Brigham, on account,	1,000 00
		Wages of engineers, firemen and watchmen,	131 12
1893.			
Jan.	10.	Albert B. Franklin, on account,	4,100 48
		Boston Gas Light Company, gas,	115 83
		Edward O. Googins, carpenter jobbing,	61 72
		Wages of engineers, firemen and watchmen,	221 00
		George W. Perkins, gas fixtures,	468 62
		L. G. Burnham & Co., coal,	867 20
		Boston Electric Light Company, lighting,	23 25
		Woodbury & Leighton, on account,	4,000 00
		Norcross Brothers, on account,	25,000 00
		L. G. Burnham & Co., coal,	879 57

1893.

Jan.	21.	Wages of engineers, firemen and watchmen, S. D. Hicks & Son, on account,	\$109 74 5,088 61
Jan.	27.	Lewis F. Perry, on account, Megquier & Jones, on account,	3,448 04 5,000 00
Feb.	3.	General Electric Company, on account, Thomas Parker, on account,	960 00 7,906 98
		Wages of engineers, firemen and watchmen,	261 00
Feb.	7.	Advertising bills, interior marble work, A. H. Kelsey, on account,	95 01 1,038 33
		Wages of engineers, firemen and watchmen, E. O. Googins, carpenter jobbing,	111 75 41 33
		Norcross Brothers, on account,	14,989 26
		L. G. Burnham & Co., coal to January 17, L. G. Burnham & Co., coal to February 1,	970 47 801 80
		Charles Brigham, on account,	2,000 00
Feb.	24.	Lewis F. Perry, on account, General Electric Company, on account, Brown-Ketchum Company Iron Works, on account,	5,147 75 1,360 00 5,509 19
		S. C. Nightingale & Childs, magnesia cov- ering,	177 60
		Whittier Machine Company, on account,	11,000 00
		Wages of engineers, firemen and watchmen, Edward O. Googins, carpenter jobbing,	111 00 38 33
March	3.	Boston Electric Light Company, lighting, Wages of engineers, firemen and watchmen,	23 25 222 75
March	6.	Norcross Brothers, on account, Woodbury & Leighton, on account, Thomas Parker & Co., on account, Charles Brigham, on account,	20,000 00 4,402 35 7,886 65 1,000 00
		Wages of engineers, firemen and watchmen, Edward O. Googins, carpenter jobbing, Leonard & Ellis, kerosene oil,	119 50 30 00 1 50
March	15.	General Electric Company, on account, Albert B. Franklin, on account, L. G. Burnham & Co., coal to February 15, L. G. Burnham & Co., coal to March 1, Charles Brigham, paid M. E. Macgregor, Charles Brigham, paid W. White, William Allison, watchman,	840 00 2,250 00 944 89 502 31 28 00 70 48 15 00
March	28.	Winslow & Harrington, oils, Boston Electric Light Company, lighting, William Gray & Sons, on account, Wages of engineers, firemen and watchmen,	9 28 21 00 5,000 00 261 10
April	4.	Thomas Parker, on account, Lewis F. Perry, on account, L. G. Burnham & Co., coal, Boston Electric Light Company, lighting,	8,396 71 3,988 95 778 64 23 25

1893.			
April	4.	J. J. Gracea, figuring weights of iron, . . .	\$218 25
		William Allison, watchman,	15 00
		E. O. Gogins, carpenter jobbing,	43 29
		Charles Brigham, on account,	1,000 00
April	13.	General Electric Company, on account, . . .	1,200 00
		Henry Hussey & Co., on account,	1,500 00
		Albert B. Franklin, on account,	1,800 00
		Wages of engineers, firemen and watchmen,	192 44
April	24.	Bowker, Torrey & Co., on account,	14,103 00
		S. D. Hicks & Son, on account,	627 39
		Charles Brigham, on account,	1,000 00
		Charles Emmel, models,	31 48
		Hill & Cutter, cotton waste,	8 25
		Wages of engineers, firemen and watchmen,	208 00
		E. O. Gogins, carpenter jobbing,	35 33
May	5.	E. O. Gogins, carpenter jobbing,	37 93
		Wages of engineers, firemen and watchmen,	176 00
		Blacker & Shepherd, lumber,	100 73
		Boston Electric Light Company, lighting, . .	22 50
		L. F. Perry, on account,	1,584 83
		Boston Gas Light Company, gas,	249 36
		A. H. Kelsey, on account,	375 00
		A. B. Franklin, on account,	3,654 00
		Tito Conti, models,	130 00
		G. W. & F. Smith Iron Company, covers, . .	48 00
		L. G. Burnham & Co., coal,	734 94
		Thomas Parker, on account,	7,001 68
		Westinghouse, Church, Kerr & Co., instruc- tion firemen,	84 00
May	16.	Woodbury & Leighton, extras,	94 21
		Wages of engineers, firemen and watchmen,	193 00
		E. O. Gogins, carpenter jobbing,	41 46
May	24.	Wages of engineers, firemen and watchmen,	80 98
		R. M. Yale & Co., canvas covers,	14 00
		Brown-Ketchum Company Iron Works, on account,	4,500 00
		Charles Brigham, on account,	1,000 00
June	3.	General Electric Company, on account, . . .	720 00
		Bowker, Torrey & Co., on account,	14,883 30
		Walworth Manufacturing Company, material for repairs,	4 76
		Boston Electric Light Company, lighting, . .	17 25
		G. W. & F. Smith Iron Company, material for repairs,	4 00
		L. G. Burnham & Co., coal,	663 06
		Thomas Parker, on account,	9,147 77
		Wages of engineers, firemen and watchmen,	96 00
		E. O. Gogins, carpenter jobbing,	38 33

1893.			
June	6.	Whittier Machine Company, on account,	\$4,000 00
		Henry Hussey & Co., on account,	12,000 00
		Woodbury & Leighton, on account,	3,547 61
		A. B. Franklin, on account,	2,385 00
		Wages of engineers, firemen and watchmen,	82 00
June	16.	General Electric Company, on account,	1,344 00
		Wages of engineers, firemen and watchmen,	65 15
June	28.	Bowker, Torrey & Co., on account,	9,188 10
		Norcross Brothers, extras,	997 60
		Thomas Parker, on account,	6,434 17
		Charles Brigham, on account,	1,000 00
		Wages of engineers, firemen and watchmen,	124 00
		E. O. Googins, carpenter jobbing,	41 83
July	7.	Norcross Brothers, on account,	19,553 12
		L. G. Burnham & Co., coal,	83 65
		Wages of watchmen,	42 00
		E. O. Googins, carpenter jobbing,	33 00
July	13.	Megquier & Jones, in full,	18,000 00
		Henry Hussey & Co., on account,	6,000 00
		Albert B. Franklin, on account,	3,292 01
		P. O. Riordan, carting ashes,	173 00
		Wages of engineer and watchman,	82 00
		Charles Brigham, paid J. J. Gracea,	250 00
July	20.	General Electric Company, on account,	1,400 00
		S. D. Hicks & Son, extras,	99 96
		Wages of watchmen,	42 00
		E. O. Googins, carpenter jobbing,	35 33
		Moses Williams, referee Megquier & Jones,	150 00
July	26.	Bowker, Torrey & Co., on account,	7,952 40
		Wages of engineer and watchmen,	82 00
		Charles Brigham, on account,	1,000 00
July	28.	Thomas Parker, on account,	5,515 92
Aug.	3.	Charles Brigham, expenses to Indianapolis, New York, etc.,	225 29
		Woodbury & Leighton, on account,	4,569 41
		Whittier Machine Company, on account,	4,500 00
		Norcross Brothers, on account,	5,092 55
		G. W. & F. Smith Iron Company, covers and frames,	24 00
		Megquier & Jones, old building,	20 00
		L. G. Burnham & Co., coal,	91 20
		A. H. Kelsey, on account,	375 00
		Wages of watchmen,	42 00
Aug.	15.	Herring-Hall-Marvin Company, on account,	8,000 00
		General Electric Company, on account,	1,040 00
		S. Homer Woodbridge, on account,	1,500 00
		Brown-Ketchum Company Iron Works, on account,	3,000 00
		Wages of firemen and watchmen,	124 00

1893.			
Aug.	30.	Thomas Parker, on account,	\$8,056 98
		Bowker, Torrey & Co., on account,	8,682 30
		Brown-Ketchum Company Iron Works, on account,	9,043 53
		Massachusetts Electrical Engineering Com- pany, on account,	1,000 00
		Charles Brigham, on account,	1,000 00
		Wages of engineers, firemen and watchmen,	166 00
Sept.	12	Henry Hussey & Co, on account,	6,000 00
		C. O. Barrows, one-half stenographer Meg- quier & Jones,	10 75
		Boston Lightning Rod Company, lightning rods,	350 00
		L. G. Burnham & Co., coal,	62 70
		Charles Brigham, expenses to Indianapolis, .	89 05
		Charles Brigham, expenses to Lee,	13 82
		Charles Brigham, W. White, expenses to Hallowell,	20 00
		Wages of watchmen and firemen,	124 50
		S. D. Hicks & Son, on account,	999 30
Sept.	15.	William Gray & Sons, on account,	15,000 00
		General Electric Company, on account, . .	640 00
		Geo. F. Blake Manufacturing Company, tank pump,	120 00
		Wages of watchmen and firemen,	82 00
Sept.	25.	Bowker, Torrey & Co., on account,	12,562 20
		Charles Brigham, on account,	500 00
		Wages of watchmen,	42 00
Oct.	12.	Herring-Hall-Marvin Company, balance of contract,	8,465 00
		Herring-Hall-Marvin Company, extra air- space doors,	486 88
		Woodbury & Leighton, on account,	4,403 96
		Thomas Parker, on account,	6,511 42
		L. G. Burnham & Co, coal,	75 53
		Wages of engineer and watchmen,	124 00
Oct.	20.	Brown-Ketchum Company Iron Works, on account,	6,724 36
		Westinghouse, Church, Kerr & Co., boiler grates,	84 12
		Advertising bill, mosaic work,	91 87
		Wages of engineer and watchmen,	120 25
Oct.	23.	Albert B. Franklin, on account,	4,147 20
Oct.	26.	Bowker, Torrey & Co., on account,	7,714 80
		Charles Emmel, models,	400 00
		Tito Conti, models,	100 00
		E. M. McPherson, safe expert,	423 80
		Charles Brigham, on account,	1,000 00

1893.			
Oct.	26.	Charles A. Legg, chief engineer,	\$38 46
		Wages of engineer, watchmen and firemen, .	76 57
Nov.	6.	Norcross Brothers, extras,	3,976 93
		Thomas Parker, on account,	5,021 76
		L. G. Burnham & Co, coal,	516 17
		General Electric Company, on account, . .	880 00
		Woodbury & Leighton, extras,	242 91
		Boston Electric Light Company, lighting, .	9 00
		Walworth Manufacturing Company, packing and wicking,	9 66
		A. H. Kelsey, on account,	375 00
		C. A. Legg, chief engineer,	76 92
		Wages of engineer, firemen and watchmen, .	194 00
Nov.	8.	John Evans & Co., models, carving, etc., on account,	1,200 00
Nov.	27.	Bowker, Torrey & Co., on account,	12,066 30
		Albert B. Franklin, on account,	3,714 80
		Charles Brigham, on account,	1,000 00
		Charles A. Legg, chief engineer,	115 38
		Wages of engineer, watchmen, firemen and laborers,	410 55
		Merrill, Dexter & Co., kerosene oil,	5 07
Dec.	5.	Brown-Ketchum Company Iron Works, on account,	9,738 60
		G. W. & F. Smith Company, teaming,	6 00
		Boston Electric Lighting Company, lighting,	22 50
		William F. Low, polish,	2 00
		Hill & Cutler, waste,	9 09
		General Electric Company, on account, . . .	480 00
		Charles A. Legg, chief engineer,	38 46
		Wages of engineer, watchmen, firemen and laborers,	158 25
Dec.	13.	Whittier Machine Company, on account, . . .	4,440 00
		Burditt & Williams, tar paper,	11 66
		Blacker & Shephard, lumber,	131 31
		Charles Brigham, travelling expenses, . . .	92 01
		Charles A. Legg, chief engineer,	38 46
		Wages of engineer, firemen, watchmen and laborers,	193 83
		Commissioners' salaries for one year, . . .	9,000 00
		Total payments to Dec. 20, 1893,	<u>\$1,791,475 87</u>

PURCHASES UNDER CHAPTER 404, ACTS OF 1892.

Amount reported to Dec. 31, 1892,	\$81,960 70
Balch & Rackemann, examination of titles,	302 50
A. C. Wheelwright, 1, 2, 3 Beacon Hill Place, including passageway,	148,031 57
E. H. Darling, tenant 57 Bowdoin Street,	200 00
Jacob Fottler, 1, 3, 5 Derne Street,	78,300 00
John R. Standley, tenant 5 Derne Street,	750 00
Smith & Miller, photographs,	9 00
Balch & Rackemann, examination of titles,	654 40
Blacker & Shephard, lumber for fences,	77 99
Richard Hill, digging post holes, etc.,	13 50
E. O. Gogins, carpenter, building fences,	45 25
E. B. Badger, 51 Bowdoin Street,	31,000 00
R. F. Evans, 55 Bowdoin Street,	31,500 00
Total to Dec. 31, 1893,	<u>\$372,846 91</u>

CONTRACTS FOR STATE HOUSE EXTENSION TO DEC. 31, 1893.

1893.

Amount reported to Dec. 31, 1892,	\$1,840,483 15
Jan. 10. Bowker, Torrey & Co., interior marble work,	147,794 00
Jan. 27. S. C. Nightingale & Childs, magnesia covering,	177 60
June 16. H. L. Willard, lightning rods,	350 00
June 16. Geo. F. Blake Manufacturing Company, steam pump,	120 00
Oct. 23. Boston Mosaic Company, mosaic floors,	33,900 00
Whittier Machine Company, temporary ele- vator,	125 00
Total to Dec. 31, 1893,	<u>\$2,022,949 75</u>

For the present condition of the work the Commissioners refer to the report of the superintendent, Mr. A. H. Kelsey, a copy of which is as follows:—

BOSTON, MASS., Dec. 15, 1893.

Hon. JOHN D. LONG, *Chairman State House Construction Commissioners*

GENTLEMEN:—Herewith please find a statement of the progress made since my last report, and the present condition of the work now under construction.

The several parts of the building have been advanced within the past season by the different mechanics in a fairly satisfactory manner.

The exterior work this season has been quite limited, as the building was completely roofed in last season, and there remains but little to be done except cleaning down and pointing the walls, which will be done early next spring.

The erection of the stone steps at the Derne Street entrance has been completed this season, as has also the construction of drains to areas of the Hancock Street side of building, and the finishing of areas with granolithic, which makes a very complete and thorough job.

The work on the Temple Street entrance is partly done, and is stopped at the present time by want of marble not being received from the contractors, Messrs. William Gray & Sons.

The inside work of plastering, which forms a very important part, has progressed in a very satisfactory manner, and at the present time about eighty per cent. of the entire job is completed.

The carpentry and joiner's work is as far advanced as the other mechanics will admit. The standing finish on doors and windows is well advanced for the sub-basement, basement, fourth and fifth stories, and work will soon be commenced on the finished or top floors.

The exterior windows are all glazed and hung, and the glass in interior windows and doors is now being put in place, and painters will soon commence to prime the walls of rooms in the fourth and fifth stories as well as rooms in the sub-basement and basement.

In the plumbing contract the work embraced has not been pushed forward in the manner that it should have been, and has, therefore, caused delay in the progress of the work generally. It is hoped that it will soon be completed and ready for the final test.

The marble finish in corridors, which is a very important part of the whole structure, is being advanced in a very satisfactory manner, and, from present appearances, will be completed without any delay on the part of the contractors.

The work included in the contract of Messrs. Brown-Ketchum & Co. is now, as it has been from the beginning, in a condition which retards the progress of other work.

The electrical work in dynamo and engine rooms is very backward, and, in fact, in a condition showing neglect on the part of the contractors; and other parts of the work are kept back from the want of the fans which are connected with the system of indirect heating.

In conclusion it may be said that, with the exceptions noted above, the general condition of the building and progress of the work is fairly good, and from present indications the offices may be made ready for occupancy in the early spring.

Agreeable to your request I herewith submit the result of my examination of the dome of the old State House.

I find the timbers forming the trusses which support the dome to be in a defective condition. The life of the timbers is gone, and the ends of the timbers which rest in the wall and form a very important part of the main trusses are defective, showing signs of dry rot. The whole dome structure shows a very perceptible settling from its original position, which would suggest that immediate attention be given it as every wind has its effect notwithstanding the dome shape is well calculated to resist wind pressure.

Very respectfully,

A. H. KELSEY.

The Commissioners feel it their duty to again suggest that the whole State House be made new. As we said in our report of 1892: "When the extension already authorized is completed, practically nothing of the old part will be left except the Doric Hall with its wings and the halls, rooms and dome above it. It is some hundred years old. Its outer walls and wooden finish will not be in keeping with what, while called an extension, will really be five-sixths of the whole building. The dome is of wood, subject to the impairment of age, and should be of iron. It is hardly possible that many years will pass before, in any event, this old and most conspicuous part, facing Beacon Street and the Common, will be made new and of equal quality with the rest. If so, it is to be considered whether this renovation cannot be made better and cheaper now, in conjunction with the work of the extension, than hereafter as a new enterprise. It is recognized, of course, that no change would ever be permitted in the now historic and always admirable contour and architectural effect of the State House; but we believe the time has come when the front should be rebuilt, preserving its present proportions, and rebuilt now, in connection with the extension."

The experience of the past year and the further progress of the work have confirmed these views. The finding of Mr. Kelsey, included in his foregoing report, as to the security of the dome, deserves especial attention. The time is favorable for the employment of labor and for reasonable

cost of construction. We believe that it is neither prudent nor fitting to leave the State House in the imperfect, fire-exposed and incongruous condition which it will present if the front is not rebuilt to conform in stability, security and beauty with the main body of the extension.

We are, very respectfully, yours,

JOHN D. LONG.
B. D. WHITCOMB.
WM. ENDICOTT, JR.

