PRODUCED AT THE NATIONAL ARCHIVES

Pond Island
ME

Custom House,
Portland, July 9, 1852.

SEALED PROPOSALS will be received at this office until the 24th day of July present, at 12 o'clock, noon, for building a Light house and keeper's dwelling conjoint, on Pond Island, to be under the direction of the Superintendent of Light Houses for Maine, or any person he may appoint, agreeably to drawing made by Ammi B. Young, Architect for the same—which drawing may be seen at this office—and in conformity with the following

SPECIFICATIONS.

DESCRIPTION OF BUILDING.—The building is to be thirty eight by twenty feet on the outside. The exterior walls of the house are to be constructed of hard brick, and the interior walls and walls of the tower of hard brick, all laid in the best hydraulic cement mortar. Under the whole house is a cellar 6 feet deep in the clear, under the flooring joist of entrance story floor.

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The walls of the cellar shall be of stone 2 feet thick and laid in cement

WALLS—CELLAR—HEIGHT OF STORY—CHIMNEYS.—The cellar exterior walls, and the exterior walls of the building are to be twelve inches thick. The cellar floor is to be paved with best quality hard paving brick. Doorway to enter cellar from the outside of the building, with steps to go down, a stone curb around it, and bulkhead over it to protect it against storms, &c. There will be two windows of six lights each, 8 by 10 glass, in the cellar. The walls of the house are to be carried up 9 3-6 feet above top of entrance story floor, when the flooring numbers of the attic flooring will be laid on; then carried up 2 feet to the plates where it will receive the rafters. Chimneys at each end, one of which to have a fire place, the other a hearth and flue, with proper funnel pipe for a cooking stove in the entrance story; one fire place in one attic chamber, and a funnel pipe for a stove in the other.

ENTRANCE STORY—ATTIC STORY. The entrance story is divided into two rooms, with an entrance vestibule, stairway, &c., of 8 feet between them—The stairs lead from the entrance vestibule to the attic and lantern; and under them are the stairs leading from the kitchen to the cellar. The space back of the stairway is divided into two closets one opening to each room, and to be finished with shelves and other necessary conveniences. The attic is divided into two chambers, with the tower and stairway between them. In front of the stairway is a closet opening into it, and in rear are two recesses, one opening into each chamber.

TIMBER—ROOF—LIGHT TOWER—DECK.—The lower flooring joist are to be 3 by 8 inches, 15 inches apart, and doubled as trimmers, and as trimming joist at the sides of the hearths and other openings; the attic flooring to be the same. The ridge of the roof, to receive the upper end of the rafters, is to be a truss of 7 by 7 inch timber, of sufficient depth and strength to support the roof. The roof is to be rectangular, and to have 1 3d pitch; the rafters are to be 6 by 6 inches, 2 feet apart, resting on the plates and ridge, covered with good seasoned inch boards, matched, jointed and matched, and well nailed on. It is to be covered with the best quality of Ladies' slates, laid 1 3d of an inch less than 1-3d their length to the weather, nailed on and secured to the boarding by the best copper or composition nails for the purpose. In the centre of the building is to be a circular brick tower, 8 ft. in diameter on the inside, built on a proper foundation, 20 inches wide and 2 feet deep below cellar floor, and up to three ft. above the ridge of the house, and there receive a stone deck of granite, fine hammered, one foot thick in the centre, 11 inches outside the lantern, 9 inches outer edge, and joints coppered. Its walls are to be one foot thick, and connected with the outer walls by brick partition walls 8 inches thick. In the walls will be proper openings for doorways, &c., and for one window in front above the roof of 6 lights, 9 by 12 inches. The openings will have to be secured by arches turned over them, and extra security given to the walls by the insertion of nail plate in the joints of masonry at proper intervals and places. The scuttle door to be of iron and made tight and secure.

LEAD WORK—WINDOWS—DOORS. The tower and chimneys will be collared with lead and properly secured with lead or zinc flashings. There will be three windows in each room of the entrance story and one in each of the chambers, 12 lights each, of 9 by 10 cylinder glass. The outside door in front will be 3 feet 4 inches by 7 feet 4 inches, 1 1-2 inch thick four panels and two fleze lights; the outside door of porch 2 feet 6 inches by 7 feet, 1 1-4 inch thick, four panels. In the entrance story are five inside doors, 2 feet 8 inches by 7 feet, 1 1-4 inch thick, four panels. In the attic story are two doors, 2 feet 6 inches by 6 feet 6 inches, 1 inch thick, four panels; and one to closet, 2 feet 4 inches wide, and as high as roof will admit. On the front door will be a lock, and on all the doors good hinges, latches, bolts and fastenings.

PLASTERING—FLOORS—STAIRS—STONE STEPS.—The stairway and cross walls above the cellar are to be plastered on the walls; all the rest of the building above the cellar, together with the porch, is to be furred, lathed and plastered, and finished in a decent manner. All the floors are to be laid double, the upper one of southern pine. Stairs of cast iron are to be constructed from the entrance to the lantern, and from the kitchen to the cellar in a proper manner. There are to be stone steps to the front door, also to the outside door of porch.

PORCH—GUTTERS—PAINTING. Attached to the back of the house is a frame porch, 12 by 10 feet, with a lean to roof, boarded and slated. The floor is

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PORCH—GUTTERS—PAINTING. Attached to the back of the house is a frame porch, 12 by 10 feet, with a lean to roof, boarded and slated. The floor is 18 inches below floor of entrance story, and the room 7 feet high. There is to be one window, 12 lights 8 by 10 glass. It is to have a proper sink, shelves, &c. There are to be gutters to all the eaves, with trunks to lead the water into the cisterns. All the wood work of the house, except the floors, to be painted—three coats best quality of paint; floors and stairs oiled with linseed oil.

LANTERN. On the top the tower is to be a wrought iron lantern, sufficient in height and diameter to contain six lights in each octagon 16 by 24 inches, and two copper panes 12 by 16 inches. In four of these copper panes ventilators are to be constructed to admit the air when required and to keep out the water. There are to be lantern ports 1 1 2 inch square to run down through the deck and arch, and be tightly secured by bolts to the inside of the tower. To these are secured in a proper manner, the iron sash with rebates of 3 4ths of an inch in depth. A door, 2 by 4 feet, is to be made on one side of the octagon, and which is to be glazed and partly covered with copper, if required, and made to shut tight into rebates, having two strong turn buttons and handle.

DOME—GLASS—ELECTRICAL ROD—OUTHOUSE—CISTERN. The top of the lantern is a dome formed by 16 rafters of iron, concentrating into an iron hoop 18 inches in diameter, 5 inches wide, and 1-2 inch thick at top, and at the bottom secured to top rail of lantern, which is covered with 32 ounce copper, coming down and riveting to the top rail of lantern or the sashes, which is three inches wide, and forms a favorable termination to it. On the top of this dome is a traversing ventilator of Collins' patent; ventilator 15 inches diameter, 24 inches high.—Around the lantern are to be eight iron railing posts, 1 1-8 square, standing off 27 inches from the outside of the post of the lantern, the lower end to be fastened securely to the deck, and at the top secured to the post of the lantern. Two railings three fourths inch round iron, are to go quite around through these posts. Across the base of the dome is to be an iron bar one inch square, riveted to the upper bar of sash. The lantern to be glazed with best French Paris made, plate glass, one-fourth of an inch thick, no pane less than three-sixteenths of an inch thick to be allowed to be put in. The lantern is to be painted three coats black outside, and white inside.—A copper electrical rod five eighths of an inch diameter, is to run up two feet above vane, and from thence down to and two feet into the ground. To construct an outhouse five by four feet, the walls to be inch boards, mitred, jointed and matched, the roof boarded and shingled. The inside finished with proper seats, &c. A brick cistern is to be constructed in the cellar to hold one thousand gallons, the walls and bottom of which are to be one foot thick laid in cement mortar of best quality, and plastered on the inside with the same, and finished with proper pump and pipes leading to the sink. The whole to be done in a good workmanlike manner, of best materials, and in every particular to the satisfaction and approval of the Superintendent of Lights for Maine, or any person whom he may appoint.

LUTHER JEWETT,
Sup't of Light Houses for State of Maine.

* Caps and Sills to the windows and doors are to be of hammered dressed granite—

and to be completed so as to be lighted up on or before the 15 day of October next—

X Included in the Contract made,