SPECIAL REPORT

OF THE

Commissioners of the Lunatic Asylum,

IN ANSWER TO A RESOLUTION, PASSED BY THE ASSEMBLY OF THE

STATE OF WISCONSIN,

JANUARY 19, 1855.

MADISON:
BERIAH BROW, PRINTER.
1855.
To the Honorable the Assembly, of the State of Wisconsin:

By direction of the Board of Commissioners of the Wisconsin State Lunatic Asylum, I herewith lay before you their Report, asked for under a resolution passed by you, January 19, 1855, together with accompanying papers.

GEO. R. McLANE,
Sup. of Wis. State Lunatic Asylum.

Madison, January 22, 1855
SPECIAL REPORT.

To the Assembly of the State of Wisconsin:

In a resolution, passed by you, January the 19th, 1855, a copy of which directed to us, is in the words and figures following, to wit:

Assembly Hall,
Madison, January 19, 1855.

To the Commissioners of the State Lunatic Asylum:

A resolution, of which the following is a true copy, passed the Assembly this morning:

Resolved, That the Board of Commissioners, appointed by the Governor, by virtue of an act, entitled "An Act to provide for a State Lunatic Asylum," approved, March 30, 1854, be requested to inform this House, at as early a day as possible, what, if any, contract has been entered into by them on the part of the State, by virtue of Section 7, of aforesaid act, and if any contract has been made, transmit to this House a copy of the same, with all specifications connected therewith or alluded to in such contract; also, the number of bids or proposals received before the letting of said contract; the prices contained in each bid, the names of persons making such bids; also, the estimated expense necessary to complete and furnish the Asylum under the present contract, and that the Chief Clerk of this House, be instructed to transmit to said Board of Commissioners a copy of this resolution.

Attest: . DAVID ATWOOD,
Chief Clerk Assembly.
You request to be informed at as early a day as possible.

First. What, if any, contract has been entered into by the Commissioners on the part of the State, by virtue of Section 7, of the aforesaid act.

Second. That if any contract has been made, we transmit to you a copy of the same, with all specifications connected therewith or alluded to in such contract.

Third. To be informed of the number of proposals received before the letting of said contract, the prices contained in each bid, and the names of persons making such bids.

Fourth. To be informed of the estimated expense necessary to complete and furnish the Asylum under the present contract.

In reply to the first request, we would most respectfully refer you to our Report, made to the Honorable Legislature at its present session, by reading which you will be fully informed on that subject.

In compliance with the second, we herewith transmit to you a copy of the contract, with the written specifications connected therewith.

Also, in compliance with the third, we herewith send you a copy of all the proposals received by us before the letting of said contract, in which proposals is specified the price for materials and work.

And in answer to so much of the fourth, as relates to the expense necessary to complete said Asylum, we would again refer you to our said Report. And as to the expense necessary to furnish the Asylum, the Commissioners have not had that matter under consideration, and therefore, cannot at this time give you an estimate of the cost with any certainty of accuracy.

We have in our office plans and drawings of the Asylum, which are made a part of the aforesaid contract, but we do not herewith submit copies thereof, for the reason that it would involve the expenditure of about four hundred dollars, which we deem a useless outlay, inasmuch as we heretofore have stated to the Legislature, that the said plans and drawings are open to inspection at the office of the Asylum, and accessible to all; but if the Assembly upon mature reflection, considers that the public interest demands a copy of these drawings and plans, the Commissioners will procure the same as soon as possible.

The Commissioners at the time of entering into the contract aforesaid, thought proper to request of the contractor a bond with sureties, to secure the performance of his agreements, with which request he promptly complied; and a copy of said bond is also herewith submitted to you.

ALDEN S. SANBORN,
SAM. G. BUGH,

Madison, January 22, 1855. Commrs of Wis. State Lunatic Asylum.
PROPOSAL.

To the Governor and Commissioners of the State Lunatic Asylum.

Gents:—I hereby propose to do all the work and furnish the materials for the State Lunatic Asylum, to be contracted at Madison, according to the plan and specifications exhibited by you, and agree to build the main building and two longitudinal and two transverse wings in the year 1855, and the remainder of the building whenever the Board of Commissioners or Legislature consider it necessary; and I will give satisfactory security to any amount you may require, to secure the completion of the work according to contract: the State to pay 80 per cent. of the work as it progresses, at the end of each and every thirty days, and the balance of twenty per cent. when the work is completed; and I further agree to commence the work immediately, and to drive it until completed, provided I am paid according to contract at the following rates, viz:

For all excavation necessary, and depositing the same as required by the Commissioners or Superintendent.

For all rock excavation $1,50

For all rabble or rough masonry, such as cellar walls, partition walls, and the outer walls of building, 3.60 per perch.

For all cut stone masonry 16.50

do brick in work 12.50 per thousand.

do cast iron in work 12 cts. per pound.

do wrought iron in work 16 cts. do

do locks used in building 2.50 each.

do screws 1.25 each.

do butts 2.00 per gross.

do nails 3.00 per doz. pair.

do pine lumber, used in building, 7 cts. per pound.

do oak lumber 34.75 per thousand.

Lathing in work complete 22.50

28 cts per yard.

Cross tin, leaded and painted on both sides, laid on roof 25 cts per foot.

For all 4in. tin conductors put up 25 do

do 12in. tin flues 50 do
Plastering, two coats, brown, and one coat hard finish, 28 cts per yard. 
Fancy and hydraulic cement plastering 37½ do 
Rough casting and pencilling exterior with composition of washed sand and tallow, and finishing the same good 45 do 
For speaking tubes of tin in work 25 cts per foot. 
Painting according to specifications, main building, 1,000,000 
do do do for each longitudinal and each transverse wing, 666,666 
For all glass used in said building in work 9,50 per box. 
Joiner work on main building, as specified, 7,495,000 
Joiner work on each longitudinal and transverse wing 4,995,000 
Extra items not included in the above schedule that 
may be necessary on main building, 1,800,000 
Extra items on each longitudinal and transverse wing 1,200,000 
The above materials to be of excellent quality and the work to be done in a substantial and workmanlike manner. 
Respectfully submitted, 
ANDREW PROUDFIT. 
WAUPUN, October 18, 1854. 

ARTICLE OF AGREEMENT. 

Article of agreement made and concluded this sixteenth day of November, in the year of our Lord one thousand eight hundred and fifty-four, between Andrew Proudfit of the county of Waukesha, in the State of Wisconsin, of the first part, and David S. Vittum, Samuel G. Bugh and Alden S. Sanborn, commissioners of the Wisconsin State Lunatic Asylum of the second part, whereof it is covenanted and agreed as follows: That the said Andrew Proudfit hereby contracts, covenants and agrees to furnish all the materials which shall be of a sound and good quality, and perform all the labor necessary to construct and finish, in every respect, in a good and substantial and workmanlike manner, "The Wisconsin State Lunatic Asylum," on the terms and for the price set forth and stated in his proposal hereunto annexed; the said work to be executed and conform in all respects to the annexed specifications, and the plans now in the possession of the said commissioners, and to be completed as follows:
The main building and two longitudinal and two transverse wings on or before the first day of January one thousand eight hundred and fifty-six; two more longitudinal and two more transverse wings on or before the first day of January one thousand eight hundred and fifty-seven; and two more longitudinal and two more transverse wings whenever the commissioners shall direct, giving one years time to do said last mentioned work after notice given to said Andrew Proudfit.

And it is further agreed that the building contracted to be built shall during its erection be under the inspection of the superintendent of said asylum and the commissioners thereof.

And it is further agreed on the part of said commissioners that monthly estimates shall be made, either by them or some one to be appointed by them, and that upon said monthly estimate of materials furnished and work done, the State shall pay to the contractor, Andrew Proudfit, eighty per cent. on the amount of work done and materials furnished.

And it is further agreed that within thirty days after the said building shall be completed according to the terms and conditions of this contract and the specifications hereunto attached, and accepted by the said commissioners, the State of Wisconsin shall pay to the said Andrew Proudfit the sum which, according to the terms of this contract, shall remain unpaid after deducting all previous payments.

And it is further understood and agreed by and between the parties to this contract that the work about said building shall be measured including openings.

ANDREW PROUDFIT, [SEAL.]
D. S. VITTUM, [SEAL.]
ALDEN S. SANBORN. [SEAL.]
SAM. G. BUGH. [SEAL.]

Sealed, signed and delivered in presence of Geo. R. McLane. E. M. Hunter as to the signature of S. G. Bugh.
SPECIFICATION

Of work and materials to be used in the erection of the Wisconsin State Lunatic Asylum.

DESCRIPTION.

The buildings are composed of a centre 65 feet by 120, and on each side are three longitudinal and three transverse wings. The centre building is four stories high. The first story, 12, second 15, third 13, and the fourth 11 feet, each in the clear of the floor and ceilings. The longitudinal wings are three stories high, each 12 feet in the clear; the transverse wings have an additional story, which is 7 feet high at the eaves, but extends up into the roof to the height of 10 feet, and is finished to the collar beams.; a cellar is throughout the whole extent, and is 8 feet deep in the clear of floor and lower edge of joists. On the centre building is a dome, intended to receive the water tanks; and on each transverse wing is a dome of smaller dimensions or cupola, intended as ventilators for the flues and ducts throughout the building. For the interior arrangements and other particulars, reference is to be had to the plans, when all are figured and fully explained.

EXCAVATIONS.

The cellar will be excavated throughout the whole extent of the building, and to measure 8 feet in the clear of floor and lower edge of joists, when finished. Foundation trenches will be dug for the outer walls; centre building 18 inches, wings 12 inches, and for all the partition walls 6 inches, below the level of the floor of the cellar; all earth from the excavations will be leveled and graded around the building. The foundations will all be sunk deeper than the above specifications, if necessary to procure an approved foundation. All rubbish will be removed from the building and cellar, and the floor of the cellar prepared for grouting and paving.

CUT STONE.

A base of hammer dressed stone will extend around the whole building, 8 inches wide, which will form the cills of the cellar windows, and will project 2 1-2 inches from the face of the wall, with a wash on the same at the opening of the cellar windows, they will be 9 inches thick on the top: the outside door sills and steps of front and back main entrances, and all the window sills
will be of cut stone; likewise the rustic groins of the centre building, up to
the level of the second floor, and the rustic blocks around the windows of the
first story centre building; the stone must be of the best that can be procured
in the vicinity, and all excepting the base, smoothly dressed, and all firmly and
solidly set, and where necessary well strapped with iron into the masonry; 12
stone sills will likewise be required at the doors of the cross corridor entrances,
12 inches broad on the top, and 6 inches thick; all the bath rooms and water
closets in the wings, and drying rooms, and kitchen floors, will be laid with clay
tiling or stone flagging, well bedded in cement, the cross passage between the
corridors will be done in like manner.

MASONRY.

All the exterior walls will be built of quarry building stones, laid
on their broadest beds, and the foundation stones broad and flat, and
solidly bedded in mortar. Those of the cellar centre building will be 3
feet thick, and wings 2 feet, with footings of 6 inches projecting from each
face of the same; the walls of the centre building, up to the level of the second
floor will be 2 feet 6 inches, from that line up to the level of the third floor 2
feet 3 inches, thence up to the fourth floor 2 feet, and upwards 22 inches, in
the tympanum the wall will be 18 inches; from the cellar walls up to the level
of the third floor in the wings will be 20 inches, and the remainder 18 inches;
all the partition walls will be built of brick. In the centre building up to the
line of the first floor, all the corridor walls will be 22 inches thick, all the others
and all on the wings excepting those in the crossings between the corridors, will
be 18 inches; the cross partitions of the centre building, and the walls of the
cross corridors will be 13 inches, and all others on the wings will be 9 inches,
as, also, the corridor walls above the ceiling of the third floor; the cross passages
between the corridors will be arched, and made thoroughly fire proof; the heads
of all the openings throughout the cellar will be arched, likewise the heads of
the cellar windows and cellar doors, and arching likewise will be required where
the partition wall commences over an opening. All openings intended for cold
and hot air, flues, gas, ventilators, &c., will will be made according to the plans,
and where directed by the superintendent during the progress of the work.
All flues to be well and thoroughly parquett-ed. All the masonry, including
the brick work, to be done in the best and most substantial manner; the brick
to be good, and the stone to be well selected. The mortar to be composed of
clean sharp sand, and fresh wood burned lime, in such proportions as will en-
sure an approved cement. Iron bars 1-4 by 2 1-2 inches will be required in
the cellar for the support of the flues at starting; and anchors from the joists into the walls, and iron rods with screw backs, for the support of some of the partition walls, and all other iron rods and bars required in the construction of the above, must be inserted in the same.

CAST IRON AND WROUGHT IRON WORK.

All the outside windows throughout the whole building, excepting those opening from the corridors, will have a neat wrought iron guard, to extend within 5 inches of the top and bottom of the lower sash, securely fastened on the outside of each, and all the upper sash of the dormitories, bath rooms and water closets, will be made of cast iron, securely fastened to a frame of wood. Wrought iron guards will be made for all the windows in the corridors, secured on the inside across the same, with doors of stout wire in each, to be hinged and secured with bolts and lock; likewise at the foot and head of stairs, will be doors of the same kind made, and securely hung and fastened with locks and bolts. Wrought iron bearers, with cast iron risers, will be made for all the stairs in the wings, and likewise in the centre building, the flight leading from the first story into the second; this flight will have iron balusters and hand rail, and will be entirely of that material, excepting wooden treads, secured upon the iron bearers and risers, open cast iron guards will be made and walled in the cellar windows, but in four of each longitudinal wing, they will be hung and secured with bolts; 1 1-2 inch iron rods with screw backs riveted on the ends, will be required wherever a partition wall is started over an opening above 10 feet space, to support the brick work of the same; an iron frame and door will be made and hung at each end of the cross corridors, and secured with strong locks and bolts, and a complete set of iron safe doors for the centre building; wickets about 8 inches square will be made and inserted in all the dormitory doors, with suitable locks on the same. The balconies in the centre building will be of iron, excepting the joists, rafters and roof, and all in accordance with the elevation. 1 1-4 inch iron rods will be required for the framing of the trussed girders, and bolts for the same, and for the domes; anchors for the joists, eyes for the cellar doors opening into the air chamber, jumb screws for all the dormitory door frames, stubs, screws and every thing else necessary to complete the building.

LUMBER, HARDWARE AND CARPENTER WORK.

All the flooring joists in the centre building and transverse wings will be 3 x 12 inches, and in the longitudinal wings 3 x 8 inches, ceiling joists of
longitudinal wings 2 × 8 inches, ceiling joists of centre building 3 × 10 inches and ceiling joists of: collar-beams over the rooms in the transverse wings will be 2 × 10 inches, and all placed 16 inches between centres; all joists over 12 feet to be backed, and all leveled up straight across the ends, and blocked up with hard dry blocking. In all framing for stair-ways the trimmers will be double and pinned together; all requisite framing to be attended to for flues, dumb-waiters, water closets, &c.; the common rafters on the longitudinal wings will be 3 × 6 inches, and will be placed 20 inches between centres, secured on wall-plates on the corridor walls, and tied together with collar-beams of inch board nailed across them; on the back part of the transverse wings the roof will be hipped, and the front part as shown in the elevation. Strong collar beams will be required both front and back of 2 × 10 inch plank to form the ceiling of the fourth stories; in the centre building over the chapel will be required three single trussed girders to support the roof over the same; they will be laid crosswise the room; the ceiling joists will be secured between by cleating the girders and notching the ends of the joists on them; the rafters will be placed across the girders, and raising pieces secured on the top of the ceiling joists in the usual manner; the tie-beam or lower piece of timber of the girders will be 5 × 1 2 inches; braces and level plates 5 × 5, with centre 1 1/2 inch iron rods, with stout plates well riveted on one end and double nuts on the other. Over the other portion of the centre building the ceiling joist will be laid across the walls in the usual manner, on wall plates, and the rafters will bear upon the raising pieces, and the corridor walls, which will be carried up to the roof; these rafters will all be 3 × 8 inch joists, and placed 20 inches between centres; directly under the dome will be laid 4 × 14 inch joists, 12 inches between centres, covering a space not less than 40 feet square; this floor of joists is to receive the water tanks and likewise the sills of the dome, which will be a circular rim 4 × 10 inches; posts 4 × 9 tapered up to 4 × 5; plates, ties and braces 4 × 5 inches, and the upper floor of joist will be 3 × 10, ceiling 3 × 8, and the ribs will be made with 3 × 6 scantling (chord), arc of plank well secured and braced to the same. The smaller domes and ventilators will be made in the same manner, with posts 3 × 6 tapered up to 3 × 4; the base of the dome and roof will be boarded from tinning, and all other parts will be made in accordance with the elevation; all other external finish will be in accordance with the elevation, viz: eaves and cornice, front dressings of the windows of the second story of the transverse wings, the pediment heads of which will be of wood; front door-ways and windows of centre building balconies, &c. All partitions not of brick will be 4×4
inch studding, 16 inches between centres, all the joists will have strips of 1x2½ inch, well nailed on them to receive rough boarding for deafening of sound; and the boarding will be kept 2 inches below the top of the joists, where the floors are intended to be flagged, the joists will be leveled two inches lower than the others, and in such cases the rough boarding may be nailed on the top of the joists.

FLOORS.

Planed and grooved flooring 5-4 thick of oak or yellow pine will be laid and well nailed to the joists, and the joints shot throughout the building excepting where the floors are flagged, including balconies. The main entrance outside door frame will be a large beaded jam, secured against the stone jam of the same, and the back door frames will be of 3x6 inch scantling (these last mentioned are those on the stairways of the wings.)

WINDOW FRAMES.

All the window frames will be made plank front, or casing with moulding on the front, and all double wing with the best axle pullies cord and weights, excepting on the dormitories, where they will be hung single, and in the corridors where they will be hung with hinges, and these will be secured with bolts, top, bottom and middle, those of the dormitories will be secret hung; the sash will all be 1 3 4 inches thick in the centre building and transverse wings, they will be made 12 lights in the usual manner excepting those opening down to the floor where they will be 15, and those in the dormitory will be made 5 lights wide, each 5 1-2 inches and 4 high. 1st and 2nd stories 18 inches, and 3d 16 inches, the others will be marked on the ground plans, 4 windows in every ward will have a wire frame made and hung on the inside of the windows, likewise in all of the dormitories for noisy patients will be the same but of stouter and stronger materials and all secured with locks and bolts, all windows opening out on the balconies will extend to the floor, and the lower sash will be made to fly up into the head, one light.

STAIRS.

All the wood work of the stairs will be required to be put up, viz: in the wings a newel will be made of 1 1-2 inch plank, planed and grooved together, which forms a square trunk or box, and which will be arranged for a ventilator for the corridor and will connect with the corridor above and below the stairs viz: at the floor and ceiling, around this shaft the steps will be secured, being let into it and likewise secured on the iron bearers, which will be put up
distinct and separate from the shaft, the other end of the steps and landings will be skirted in the usual manner, all to be prepared for finishing without plastering on the under side. The main flight first story will require the steps to be secured to the risers and bearers, and trim and finish around the floor on the second story and also to secure the newels on the first. The other stairs will be all of wood, and continued bend rail, and all the steps to be of oak 6-4 thick, there to be tongued and blocked together, and let into the wall string and built upon four carriages of 3 inch posts, the hand rail to be 2 1-2x 4 1-2, the balusters of 2 1-2 inch square at the base and the newels 8 inches, all of oak, and the two latter neatly turned, and the whole put up in a complete and substantial manner, stairs will be continued to the cellar where they are marked on the plans, and done in the usual manner, likewise stairs will be continued up to the fourth story wings in the same manner as the others in the wings, but all of wood, also stairs will be continued up to the dome and will be enclosed within a partition of boards planed and grooved, a grooved floor will be laid around the tank, and likewise up into the dome. The dormitory door frames will be made of 4x6 inch scantling, and on the corridor side a moulding 2 inches wide will cover the joint of plastering, they will be made with an opening of five inches wide over the door, and well secured into the walls by jamb screws and stubs at the bottom, all the other room doors will be jamb cased with two inch plank rebated, and all over 14 inches wide, framed, head and butt in imitation of the doors, closet doorways will be jamb cased, with 1½ inch plank, the windows in the front half of the centre building, 1st, 2nd and 3d stories will be jamb cased for inside shutters with back and jambs continued to the floor and panelled soffits, this panelling will all be flat with edges of stiles and rails slightly bevelled.

The dressings around the doors of the parlors and dining rooms in the wings will be an architrave 6 inches wide, first and third, centre building 7 inches, and in the second 9 inches, all two inches thick on the back edge; this includes the windows, likewise in the 1st, 2nd and 3rd stories, front half of the centre building, all the window jambs of the remainder being plastered; the windows intended for inside shutters will be finished with sills and fascia in the usual manner, and all the others will have a sill of 2 inch plank with a neat fascia under the same. The wash-boards in the corridors will be 6 inches wide, the top edge slightly bevelled; the skirtings of the stairs in the wings will be done in the same manner; this style of wash-board will be put up in the 4th stories of the wings and 4th story centre building; in the parlors and dining rooms of
the wings the wash-boards will be 8 inches and moulding on top, and the skirting of the main stairways finished to match. The main entrance doors will be made in pairs in two thicknesses of 1½ inch plank, secured together and moulded on the front side, hung with 5x5 inch butts, and secured with 8 inch upright mortice locks and iron flush bolts. All the dormitory, parlor and dining-room and cross passage doors will be 1½ inches thick, and excepting those in the noisy patients, made bead and butt on both sides, hung with 4x4 inch butts and secured with 4½ inch mortice locks; the noisy patients dormitories doors will be made in two thicknesses of inch grooved boards made crosswise and put together with wrought nails and hung and secured in the same manner as the others. In all the dormitory doors will be an iron wicket inserted with a spring lock on each (described under the head of iron work); sash doors will be made and hung in the partition wall between the associated dormitories and the attendants rooms with locks same as dormitory doors. All the closets, clothes-hoppers, dumb-waiters and bath-room doors will be made the same as those of the dormitories and 1½ inches thick, hung with 3½ inch butts, and secured in the same manner; the doors also in the 4th story of the wings, also the doors in the first and third story of the centre building, but in thickness they will be two inches; the doors in the second story centre building will be panelled the same, but made in two thicknesses of 1½ inches, secured together, hung with 5x5 inch butts and secured with 5 inch mortise locks; the 4th story centre building- room doors will be 1½ inches, closets 1½, hung and secured same as bath-room doors; all the doors excepting the closet, bath-room and 3d and 4th stories centre building will have three hinges on each door.

inside shutters.

All the windows in the centre building will have inside shutters, one inch thick, in four folds, bead and butt on one side, flat panel on the other, and styles and rails slightly bevelled, to be hung with back flaps and secured with hooks in the usual manner; all excepting those of the 4th story to be cut at the meeting rail, and in the 1st, 2nd and 3rd stories front they will fold into boxes, and where the walls are thicker than required to secure the shutters the jambs will be widened to meet them, all the others will open against the jambs without boxes; the inside shutters will be square headed in all the frames; clothes hoppers will be made where marked on the plans, enclosed by doors on every story; a horizontal shaft for ventilation will be made of planed and grooved boards over the corridors of the wings, which will connect with the ventilators on the roof; all the brick fues and likewise the shaft through stairs will be made to
empty into the same; particular care will be taken to have it air tight; those for the centre building will be led by ducts up into the dome above the floor of the same, made smooth on the inside and perfectly air tight.

CLOSETS.

All the closets will be made where marked on the plans, and fitted up with shelves; and, where needed, pin rails and clothes pins of the most approved kind; and in the dining rooms and those for kitchen purposes, the shelves will be made moveable for cleansing.

DUMB WAITERS

Will be made of the most approved kind, to be hung with weights, and, in addition, a windlass will be required to work from below; where required, the dumb waiters will be enclosed with doors, which come under the denomination of closet doors, and will be made the same. All the dumb waiters operate from the cellar upwards.

WATER CLOSETS

Will all be made where marked, and will require a seat hinged, to operate in connection with the plumbing. Each noisy patient's dormitory will be fitted up with one where marked on the plan. The water closet intended for the physician's family, will be enclosed, with riser, in the usual manner of dwelling houses.

BATH ROOMS.

All the wood work required in the securing of the tubs and other matters, will be attended to by the carpenters. Frames for wire will be made and hung on the inside of the windows of all the dormitories of noisy patients, and to four in each of the other wards, and secured with a spring lock and bolt.

CHAPEL

The chapel will be fitted up with comfortable pews without doors, with scroll backs. A platform will be raised three risers, and a neat pulpit or desk built upon the same.

All the locks must be of a superior kind, and case-hardened, and must be made so that the keys of one wing cannot possibly open the locks of the other, and in addition to the locks on the dormitory, will be two small flush bolts on the corridor side of the door, and the doors will all be hinged to open out.
wards into the corridor. The carpenter will be required to put up, all iron guards and inside iron frames, and doors or grates in the same, secure all the anchors on the joists, and attend to setting the iron window guards of the cellar. All lintels must be placed upon their edges, and to suit the thickness of the walls, and none less than eight inches deep for the doors, and six inches for the windows. All requisite bond timbers and wooden brick to be cut for the brick layer, and attention paid to setting the same; also, to setting all window frames, door frames, &c.

WASH BOARDS.

The wash boards in the centre building, first and third stories, will be ten inches wide, including a sub-base of two and a half inches; in the second story it will be twelve inches, likewise including a sub-base, and mouldings on the top of each. All the joists will be of pine, and the first floor, free from sap, and all the lumber to be thoroughly seasoned, and of the best quality, for the different kinds of work, and the work to be done in the best and most substantial manner. All hardware must likewise be of the best quality; also smith work, including every thing in both branches requisite to complete the carpentry in a workmanlike manner.

TIN WORK.

The whole building, including domes, ventilators and balconies, will be covered with the best cross leaded roofing tin, put on standing grooves, and well cleated to the boards, painted on both sides, the upper side two coats, the first coat to be red lead; all the gutters will be properly formed in the roof, and a sufficient number of four inch tin conductors to be put up to convey the water to the ground, and spout stones to be provided for the same. The whole of the base of the domes will be covered; commencing with the roof, in a complete and satisfactory manner; tin flues, 12 inches in diameter, will be required for dust conductors, with flanges and doors of iron made and hung in the cross corridors of each story of wings, as shown in the plan.

PLASTERING.

All the interior walls, partitions and ceilings above the first floor will be plastered with two coats of brown mortar and one of hard white finish; the cellar ceiling of the warm air chamber will also be plastered in two coats of brown mortar; all the jambs of the windows in the dormitories and fourth story of the wings will be plastered and angles rounded; those of the Parlor and Dining
rooms will be plastered and a moulding run on the angles, as will also all the windows on the rear portion of the centre building, including the chapel; in the 4th story front the jambs will be rounded; the inside of the dormitory doors will also be rounded; in the kitchens, store rooms, dormitories, water closets, bath rooms and drying rooms a coating of hydraulic cement will be put on the walls directly above the floor instead of wash boards. On all the rough flooring, excepting the fourth story centre building, will be put a coating of mortar one inch thick, and the same kept one inch below the top of the joists for deafning of sound. The mortar for the plastering of the interior to be composed of clean sharp sand, and fresh burnt lime, and slaughtered hair, in such proportions as will ensure an approved cement.

ROUGH CASTING.

All the exterior walls will be coated with rough casting mortar, composed of washed sand, fresh burnt lime, and in the mixture a portion of tallow, each in such proportion as will ensure an approved cement, the whole to be laid off in blocks in imitation of cut stone, and tinted as directed. The architrave of the windows will be formed in the same material.

SPEAKING TUBES

Will be inserted in the walls to communicate with the dining rooms and kitchen, and bells also in connection with them.

GAS PIPES

Will be inserted in the walls and ceiling all over the building, except the dormitories.

PAINTING AND GLAZING.

All the wood work usual to paint will be painted in three coats of pure white lead and linseed oil, in such colors as directed. All the iron work likewise in three coats, the first to be read lead, to be finished as directed. The roofing of the domes all likewise included, and in such colors as directed. All the sash will be glazed with the best American glass, well bedded, bradded and back putted. The sizes can be had from the plans on which they are marked.
PROPOSAL.

We, the undersigned, propose to do the excavation of the cellars and all other necessary excavation of earth and rock, and furnish the materials, and do all of the masonry, stone and brick work, including iron bars, and bolts and fastenings for the same, for the Wisconsin State Lunatic Asylum, in accordance with the plans and specifications now in the office of the Commissioners, to wit:

For excavation of common earth, and depositing the same at a convenient distance from the buildings, and leveling the same, per cubic yard, $00 35

For excavation of loose and detached rock, and moving the same, per cubic yard, $00 75

For excavation of solid rock, and moving the same, per cubic yd, $1 50

For furnishing rock, lime, sand, &c., and laying up the main walls and cellar, partition and corridor walls, per perch, $4 00

For all fine cut stone for sills, pilasters, flagging, &c., per foot, $1 00

For brick laid in walls, per thousand, $13 50

For iron bars, bolts and fastenings, $00 25

For Pine lumber in work, $49 00

For Oak do do $25 00

For laiting in work complete, $25

Tin roofing, per foot, $18

Plastering, per yard, $30

Painting main building and finding materials, &c., $1,300 00

Painting each wing and furnishing materials, $775 00

Carpenter work for main building, $9,250 00

do. do each wing, $6,600 00

For all extra items not included in the above bid, we will charge the usual retail market price.

The above bid is on conditions that the whole is accepted, and the supposition that the rock can be had from the quarry near the tavern at the going rates; if, however, the quarry should prove insufficient, there would have to be added for hauling; but it is our opinion, that the quarry will prove good and sufficient for all purposes with some expense in opening.

C. H. LAMAR,
ARTHUR KELSEY.

Madison, Oct. 31st, 1854.
Know all men by these presents, that we, Andrew Proudfit and James K. Proudfit, N. P. Hawks, Wm. M. Jacques, Albert Alden, David E. Clapperton, Wm. H. Thomas, Wm. M. Dennis, Beriah Brown, William S. Strong, Samuel Hale, Geo. P. Delaplaine, Elisha Burdick and E. W. Edgerton, are held and firmly bound unto the State of Wisconsin in the sum of Fifty Thousand Dollars, lawful money of the United States, for which payment well and truly to be made we bind ourselves, our heirs, executors and administrators jointly and severally firmly by these presents. Sealed with our seals, and dated at Madison, the capitol of said state, this sixteenth day of November, in the year of our Lord one thousand eight hundred fifty-four.

The condition of the above obligation is such that, whereas the said Andrew Proudfit has this day entered into a contract with the Commissioners of the Wisconsin State Lunatic Asylum to erect a certain building therein described. Now, therefore, if the said Andrew Proudfit shall well and truly perform the said work, and erect the said building in all respects in strict compliance with the terms and conditions of said contract, and the specifications and proposals thereto annexed, and at the time therein named, then this obligation to be void; otherwise to remain in full force and virtue in law.

ANDREW PROUDFIT, [L. S.]
JAMES K. PROUDFIT, [L. S.]
N. P. HAWKS, [L. S.]
WILLIAM M. JACQUES, [L. S.]
ALBERT ALDEN, [L. S.]
DAVID E. CLAPPERTON, [L. S.]
WM. H. THOMAS, [L. S.]
WILLIAM M. DENNIS, [L. S.]
BERIAH BROWN, [L. S.]
WM. S. STRONG, [L. S.]
SAMUEL HALE, [L. S.]
GEORGE P. DELAPLAINE, [L. S.]
ELISHA BURDICK, [L. S.]
E. W. EDGERTON. [L. S.]