

EXPLANATION OF NECESSITY FOR MODIFICATION OF ALLOTMENTS.

A sum of Rs 140 is required under Provincial Repairs Civil Buildings for turning an arch in the wall over the Swartz monument in the Fort Church, Bangalore referred to in G. O. No. 27784 dated 25<sup>th</sup> October 1882, hence the necessity for this application.

The Estimate is sanctioned by the Local authority.

*M. M. M.* — Lt. Col. R. R.  
Superintending Engineer 6<sup>th</sup> Circle  
25<sup>th</sup> January 1883

[P. W. D. Code, Chapter IX, Para. 1187.]

P. W. D. Madras.  
Form No. M 46 a.

From

THE SUPERINTENDING ENGINEER,

CIRCLE,

To

THE SECRETARY TO GOVERNMENT,

PUBLIC WORKS DEPARTMENT,

Through the Examiner, P. W. Accounts.

No. X 18997, dated 25<sup>th</sup> January 1883.

Submits application for modification of

Provincial allotments for the reasons noted in the margin.

No. 98 B, dated 30<sup>th</sup> January 1883.

Forwarded to the Secretary to Government, Public Works Department.

The increase applied for may be met from the balance of Reserve under Provincial

*W. J. L. L.*  
Ag. Examiner of P. W. Accounts.

Proceedings of the Government of Madras,  
No. 358, dated 1<sup>st</sup> February 1883.

Read application from Superintending Engineer,  
6<sup>th</sup> Circle, No. 1899 of 25<sup>th</sup> Jan. 1883, requesting modification of Provincial Allotments.

ORDER THEREON

Amount applied for  
The modifications shown in the accompanying statements are sanctioned from the Reserve

(True Extract)

Secretary to Government.

N. B.—If there is not room here for the whole of the explanation an additional half sheet or more of foolscap should be added and the explanation should be continued thereon.

• Here enter the Fund.

S. E. 6<sup>th</sup> Circle  
Per P. W. D.

14311 despatched 1/2/83

Commercial Store

1

Station *Kumbhakarna*  
Dated *25.6 January 1937*

• When Funds are applied for under Provincial, the entries should be made in this Column ; when under Imperial the Columns Postal, Telegraph and Salt should be filled up as required.

*M. M. M.* *L. C. C.*  
Superintending Engineer, *L. C. C.*  
Circle.

*N.B.*—The application must be submitted in triplicate, but the explanations need only be given on one copy. The other copy will be returned showing the modifications, if any, made by Government on the Superintending Engineer's proposals. And the third will after sanction be retained in the Examiner's Office. The amount of additional grants required will be entered in black ink, reductions or surrenders in red ink with the minus sign prefixed.

should be filled up as required.

M. M. Martin — J. H. Campbell  
Superintendent Fisheries

*N.B.*—The application must be submitted in triplicate, but the explanations need only be given on one copy. The other copy will be returned showing the modifications, if any, made by Government on the Superintending Engineer's proposals. And the third will after sanction be retained in the Examiner's Office. The amount of additional grants required will be entered in black ink, reductions or surrenders in red ink with the minus sign prefixed.

PUBLIC WORKS DEPARTMENT.

**Buildings and Roads.**  
**Civil Works.**

Read the following paper :—

No. 31. From R. CHISHOLM, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, Buildings and Roads Branch, dated Chepauk, 30th July 1879, No. 226.

I HAVE the honor to forward herewith nine drawings, one specification and estimate of the designs for Sub-Judge's and District Munsif's Court-houses.

2. In elaborating the details I found it necessary to make minor alterations in the general plans.

3. I shall feel obliged if you will inform me whether the alternative plans for terraced roofed buildings, forwarded to you with my No. 281, dated the 10th of August last, are to be treated in a similar manner.

SPECIFICATION of Work to be performed in constructing a Court-house for a Sub-Judge or District Munsif according to standard design signed by the Consulting Architect, — July 1879.

ORDINARY LABORER.—*Excavating*.—Excavate the trenches to the full depths shown on the drawing or to such depths as the officer in charge of the work may direct.

*Slips.*—Clear away ~~all slips~~ which may occur during the progress of the work, and, if necessary, ~~shore the sides~~ in a manner to be approved by the officer in immediate charge of the ~~work.~~

*Baling.*—In the event of wet foundations, bale the water from an excavation on the exterior of the site of the building. The officer in charge will fix the number of balers to be employed. They will be paid for extra at a daily rate to be agreed on with the petty contractor.

*Filling in.*—On receiving an order from the officer in charge in writing, fill in the sides of the completed masonry in layers of not greater thickness than 12 inches of material at a time. Well water and ram with approved beaters each layer until the whole is brought up to the level of the ground.

*Flooring foundation.*—Fill in layers of 6 inches, earth or sand to within 4 inches of the floor level, immediately over this and under the floor, ram three inches of broken brick rubbish to form a foundation for the flooring.

*Scaffolding.*—Erect, maintain, and dismantle (under orders) all necessary scaffolding and centring. The scaffolding will consist of casuarina uprights cross-braced with pieces of palm tree and bamboos strongly bound together by coir rope.

**Clearing away on Completion.**—On completion of the work, clear away all rubbish which may have accumulated during the progress of the work, and all implements, machinery, and materials used during its construction. Remove stains of white-wash or lime from wood-work. Oil and render efficient all door furniture and fastenings, and other moveable fixtures, and deliver the works up in a sound, neat and workman-like condition.

**Stone Mason.**—Provide and lay on even beds No. 30 stones under the posts of verandahs with clean wrought mortice holes for the posts.

Provide and lay on even beds No. 18 stones under beams. Dress all bed stones two lines generally. Where stone can be dressed and put in the work at reasonable rates, provide and lay a stone curbing to the verandah and along the top of the plinth; also protect angles of the building by quoins and upstarts as shown on the elevation. The capping to the plinth will be splayed.

Provide and lay steps 6 inches thick as shown on the plan. Each stone to be tailed in not less than 3 inches.

**Iron-monger.**—Provide and fix in the lower openings of the record room No. 2 sets of iron barred gratings, and fix the same into the wooden frame with unreversible screws.

Provide and fix No. 6 sets of iron barred gratings for the property room.

Provide and supply to carpenters all necessary straps, bolts, nails, screws and whatever other iron work may be necessary for the due and substantial completion of the building.

Provide all requisite door furniture in (specify whether of brass or iron).

**BRICKLAYER—Concrete.**—After the trenches have been opened to the full depths determined by the officer in charge of the work, well water and ram the bottom to receive the concrete. Lay and ram in two layers 12 inches of concrete, composed as follows. Two parts broken brick (broken to pass through a one-and-a-half inch ring) one part gravel, one part sharp river sand, and one part lime.

**Footing courses.**—Carry up the foundations according to the detailed drawing.

**Superstructure.**—Build the walls one-and-a-half brick thick, splay all angles of doors and windows, leave openings for doors and windows of the sizes and dimensions shown on the drawings, fix all nogs and other minor fastenings for the after reception of the door-frames, &c.

Lay bricks in English bond, alternate courses of headers and stretchers, using king or queen closers only where necessary. Keep courses truly level worked to three-eighth inch mortar joints, horizontal and vertical.

**Segmental arches.**—Build segmental arches over all openings of rubbed bricks breaking bond, and 12 inches deep on face at crown set flush with face of wall. On the exterior of all arches lay a one-and-a-half inch tile projecting two inches as a weather course.

**Defects to be made good.**—After the roofing and fixtures are completed, make good all defects to the masonry caused by the execution of other works. Plug all putlog holes and remove any bad face bricks marked by the officer in charge of the work, and re-insert sound bricks in their places.

**Pointing.**—Rake out the exterior joints of all masonry work to the depth of half an inch; well wash the surface and point with flush pointing. The mortar should be toned to harmonize with the color of the brick by the addition of red ochre.

**Plasterer.**—Plaster the whole of the interior with two coats of plaster. In the record tower, lath and plaster under the joists to form a ceiling for the protection of the wood-work in case of fire. It would be advisable to tint the final coat. The following will be found pleasing. Around the openings on the cornice, &c., toned white composed of:—

60 parts chunam,

$\frac{1}{2}$  yellow ochre,

and on all blank surfaces either toned buff or grey, the former composed of—

10 parts chunam,

1 part yellow ochre,

and the latter of—

50 parts chunam,

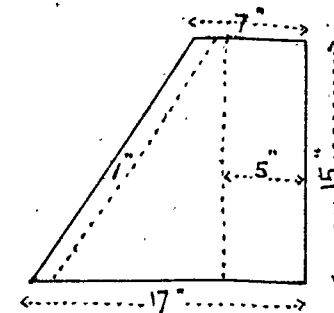
1 part yellow ochre,

$\frac{1}{4}$  „ black.

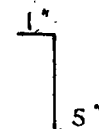
**Roofer.**—Over one course of flat tiles lay a roof of well-burnt pan tiles protected in the usual way by chunam bands.

Lay zinc or lead valleys.

Where the roof abuts on walls lead flashing should be fastened into the courses in the usual way. The pieces of lead or zinc should be cut in convenient sizes not larger than—

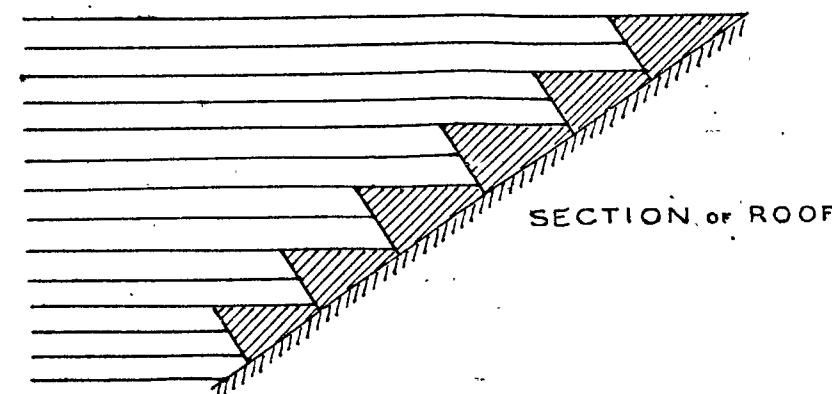


These should be bent up



on the lines of the dots. The joints should be

raked out to the full depth of one inch and the flashing inserted. Each sheet should lap two inches. When finished the flashing should present this appearance.



**Flooring.**—After the surface has been brought up to the proper level, lay a course of well burnt six inch square tiles.

**Terracing.**—Terrace the side verandahs with one course tiles on edge, one course flat tiles over six inches of jelly rammed to four inches plastered on the top. Terrace the floors of the record tower with one course tiles on edge, two courses flat tiles over nine inches of jelly beaten to six inches.

**Carpenter.**—Frame all the trusses in a sound workman-like manner, and let each truss be weighted to double the permanent strain by loading with pig iron before being placed in position.

Provide frame and fix all the necessary doors, windows, verandah posts and external carved work in sound, well seasoned timber free from defects.

Provide frame and fit up the necessary benches and drawers in the lost property room.

**Painter.**—Paint all doors and windows and exposed wood-work with three coats of Carson's oak color, and the wood-work of the roof with three coats of wood-oil.

**Workmanship and Materials.**—The wood will be teak well seasoned and free from knots or other defects, clean wrought and finished with European tools. All mortices, mitres and joints of every description will be carefully cut and executed in a clean and workman-like manner.

The iron will be that known as Swedish, clean wrought and welded hot with an approved lap. All bolts will be provided with washers twice the diameter of the nut or head.

The concrete will be composed of one part broken brick, one part sand, one part gravel, and one part lime well mixed and thrown in a semi-fluid state. The bricks will be table-moulded cast from moulds \_\_\_\_\_ inches by \_\_\_\_\_ inches by \_\_\_\_\_ inches in size, five per cent. of bats will be allowed. The mortar will be composed of one part shell lime and two parts river sand well pounded and mixed fresh before using.

(Signed) R. CHISHOLM,  
Consulting Architect to Government.

PUBLIC WORKS DEPARTMENT, 6TH SEPTEMBER 1879, No. 2,294 W.

ESTIMATE for constructing a Court-house for a Sub-Judge or District Munsif.

## Detailed Quantities.

| Description of Work.                                                         | No. | Length. | Breadth. | Depth. | Contents. | Total. |
|------------------------------------------------------------------------------|-----|---------|----------|--------|-----------|--------|
| <i>Excavation for foundations.</i>                                           |     |         |          |        |           |        |
| Court walls ...                                                              | ... | 130 0   | 4 6      | 4 6    | 3,655     |        |
| Record tower walls ...                                                       | ... | 50 6    | 4 6      | 4 6    | 545       |        |
| Spiral ...                                                                   | ... | 11 0    | 11 0     | 4 6    |           |        |
| Gumastah's and head clerk's room and passage front, rear and end walls ...   | ... | 132 6   | 4 3      | 4 6    | 5,192     |        |
| Do. partitions ...                                                           | 2   | 15 0    | 4 3      | 4 6    |           |        |
| Retiring room, front, rear and end walls ...                                 | ... | 53 6    | 4 3      | 4 6    | 3,405     |        |
| Property room, rear and end walls ...                                        | ... | 55 6    | 3 10     | 4 6    | 416       |        |
| Verandah walls ...                                                           | 2   | 197 5   | 4 0      | 2 0    |           |        |
| Steps ...                                                                    | 2   | 16 0    | 4 0      | 2 0    |           |        |
| Do. ...                                                                      | 2   | 10 0    | 4 0      | 2 0    | 13,213    |        |
| Cubic feet ...                                                               | ... | ...     | ...      | ...    | ...       | 490    |
| Cubic yards ...                                                              | ... | ...     | ...      | ...    | ...       |        |
| <i>Concrete 12 inches thick.</i>                                             |     |         |          |        |           |        |
| Excavation cubic ft. $12,797 \div 9 \times 2 =$                              | 2   | 16 0    | 4 0      | 0 6    | 2,844     |        |
| Steps ...                                                                    | 2   | 10 0    | 4 0      | 0 6    | 104       |        |
| Do. ...                                                                      | 2   | ...     | ...      | ...    | 2,948     |        |
| Cubic feet ...                                                               | ... | ...     | ...      | ...    | ...       |        |
| <i>Brickwork in foundations.</i>                                             |     |         |          |        |           |        |
| <i>Footings.</i>                                                             |     |         |          |        |           |        |
| Court walls ...                                                              | ... | 130 0   | 2 6      | 1 6    | 684       |        |
| Record tower ...                                                             | ... | 52 6    | 2 6      | 1 6    | 122       |        |
| Spiral ...                                                                   | ... | 9 0     | 9 0      | 1 6    |           |        |
| Gumastah's and head clerk's rooms and passage, front, rear and end walls ... | ... | 134 6   | 2 3      | 1 6    | 950       |        |
| Partitions ...                                                               | 2   | 17 0    | 2 3      | 1 6    |           |        |
| Retiring room, front, rear and end walls ...                                 | ... | 55 6    | 2 3      | 1 6    | 566       |        |
| Property room, rear and walls ...                                            | ... | 57 6    | 2 3      | 1 6    |           |        |
| Verandah walls ...                                                           | ... | 205 10  | 1 10     | 1 6    |           |        |
| Above footings to ground level—                                              | ... | 130 0   | 1 6      | 2 0    | 551       |        |
| Court walls ...                                                              | ... | 53 6    | 1 6      | 2 0    | 128       |        |
| Record tower ...                                                             | ... | 8 0     | 8 0      | 2 0    |           |        |
| Spiral ...                                                                   | ... | ...     | ...      | ...    |           |        |
| Gumastah's and head clerk's rooms and passage, front, rear and end walls ... | ... | 135 6   | 1 3      | 2 0    | 716       |        |
| Partitions ...                                                               | 2   | 18 0    | 1 3      | 2 0    |           |        |
| Retiring room, front, rear and end walls ...                                 | ... | 56 6    | 1 3      | 2 0    | 71        |        |
| Property room, rear and end walls ...                                        | ... | 58 6    | 1 3      | 2 0    | 348       |        |
| Extra thickness for plinth ...                                               | ... | 141 9   | 0 3      | 2 0    |           |        |
| Verandah walls ...                                                           | ... | 203 10  | 0 10     | 1 6    | 312       |        |
| Steps ...                                                                    | 2   | 16 0    | 4 0      | 1 6    |           |        |
| Do. ...                                                                      | 2   | 10 0    | 4 0      | 1 6    | 4,448     |        |
| Cubic feet ...                                                               | ... | ...     | ...      | ...    | ...       |        |
| <i>Brickwork in basement.</i>                                                |     |         |          |        |           |        |
| Court walls ...                                                              | ... | 130 0   | 1 6      | 2 0    | 551       |        |
| Record tower ...                                                             | ... | 53 6    | 1 6      | 2 0    | 128       |        |
| Spiral ...                                                                   | ... | 8 0     | 8 0      | 2 0    |           |        |
| Gumastah's and head clerk's rooms and passage, front, rear and end walls ... | ... | 135 6   | 1 3      | 2 0    | 570       |        |
| Do. do. partitions ...                                                       | 2   | 18 0    | 1 3      | 2 0    |           |        |
| Retiring room, front, rear and end walls ...                                 | ... | 56 6    | 1 3      | 2 0    | 73        |        |
| Property room, rear and end walls ...                                        | ... | 58 6    | 1 3      | 1 0    |           |        |

PUBLIC WORKS DEPARTMENT, 6TH SEPTEMBER 1879, No. 2,294 W.

## Detailed Quantities—cont.

| Description of Work.                                                         | No. | Length. | Breadth. | Depth.  | Contents. | Total. |
|------------------------------------------------------------------------------|-----|---------|----------|---------|-----------|--------|
| <i>Brickwork in basement—cont.</i>                                           |     |         |          |         |           |        |
| Extra thickness for plinth ...                                               | ... | ...     | FT. IN.  | FT. IN. | FT. IN.   |        |
| Do. do. ...                                                                  | ... | ...     | 99 3     | 0 3     | 2 0       | 50     |
| Verandah walls ...                                                           | ... | ...     | 42 6     | 0 3     | 1 0       | 11     |
| Steps ...                                                                    | ... | ...     | 208 10   | 0 10    | 2 0       | 348    |
| Do. ...                                                                      | 2   | ...     | 16 0     | 4 0     | 0 6       | 64     |
| Do. ...                                                                      | 2   | ...     | 14 0     | 3 0     | 0 6       | 42     |
| Do. ...                                                                      | 2   | ...     | 12 0     | 2 0     | 0 6       | 24     |
| Do. ...                                                                      | 2   | ...     | 10 0     | 1 0     | 0 6       | 10     |
| Do. ...                                                                      | 2   | ...     | 10 0     | 4 0     | 0 6       | 40     |
| Do. ...                                                                      | 2   | ...     | 8 0      | 3 0     | 0 6       | 24     |
| Do. ...                                                                      | 2   | ...     | 6 0      | 2 0     | 0 6       | 12     |
| Do. ...                                                                      | 2   | ...     | 4 0      | 1 0     | 0 6       | 4      |
| Deductions—                                                                  | ... | ...     | ...      | ...     | ...       | 1,951  |
| Stone under posts and trusses as per details ...                             | ... | ...     | ...      | ...     | ...       | 34     |
| Stone in steps and capping to plinth ...                                     | ... | ...     | ...      | ...     | ...       | 248    |
| Cubic feet ...                                                               | ... | ...     | ...      | ...     | ...       | 282    |
| <i>Brickwork in superstructure.</i>                                          |     |         |          |         |           |        |
| Court walls ...                                                              | ... | 130 0   | 1 6      | 20 0    | 3,900     |        |
| Do. gables ...                                                               | 2   | 23 6    | 1 6      | 3 11    | 276       |        |
| Record tower walls ...                                                       | ... | 53 6    | 1 6      | 32 6    | 2,608     |        |
| Do. gables ...                                                               | 2   | 15 0    | 1 6      | 2 6     | 113       |        |
| Spiral octagonal ...                                                         | ... | 53 0    | Area ... | 36 6    | 1,935     |        |
| Do. upper portion ...                                                        | ... | 40 7    | Area ... | 5 0     | 203       |        |
| Gumastah's and head clerk's rooms and passage, front, rear and end walls ... | ... | 135 6   | 1 3      | 14 0    | 2,371     |        |
| Do. do. do. partitions ...                                                   | 2   | 18 0    | 1 3      | 14 0    | 630       |        |
| Do. gables ...                                                               | 3   | 19 3    | 1 3      | 3 2½    | 232       |        |
| Retiring room, front, rear and end walls ...                                 | ... | 56 6    | 1 3      | 14 0    | 989       |        |
| Do. gables ...                                                               | 1   | 19 3    | 1 3      | 3 2½    | 77        |        |
| Property room, rear and end walls ...                                        | ... | 58 6    | 1 3      | 10 0    | 731       |        |
| Do. gable ...                                                                | 1   | 15 3    | 1 3      | 2 6½    | 48        |        |
| Do. step ...                                                                 | 1   | 4 0     | 1 0      | 0 6     | 2         |        |
| Deductions—                                                                  | ... | ...     | ...      | ...     | ...       | 14,115 |
| Doors in court room ...                                                      | 10  | 4 0     | 1 6      | 8 0     | 480       |        |
| Head clerk, gumastah's room, &c., doors ...                                  | 11  | 4 0     | 1 3      | 8 0     | 440       |        |
| Archways in passage ...                                                      | 2   | 7 0     | 1 3      | 8 0     | 140       |        |
| Record tower door ...                                                        | 1   | 2 9     | 1 6      | 6 6     | 27        |        |
| Spiral doors ...                                                             | 3   | 2 0     | 1 0      | 5 6     | 33        |        |
| Do. semi-circular portion ...                                                | 1½  | 3 1     | Area ... | 1 0     | 5         |        |
| Windows for head clerks and retiring room ...                                | 4   | 2 0     | 1 3      | 6 6     | 65        |        |
| Do. for record tower ...                                                     | 4   | 3 0     | 1 6      | 4 0     | 72        |        |
| Do. upper do. ...                                                            | 4   | 1 6     | 1 6      | 3 6     | 32        |        |
| Do. do. semi-circular portion ...                                            | 2   | 1 9     | Area ... | 1 6     | 5         |        |
| Do. for property room ...                                                    | 6   | 2 0     | 1 3      | 5 0     | 75        |        |
| Court upper lights ...                                                       | 14  | 2 0     | 1 6      | 5 0     | 210       |        |
| Gumastah's and Clerks' room do. ...                                          | 8   | 5 0     | 1 3      | 2 1½    | 106       |        |
| Spiral void, six feet diar. ...                                              | ... | 28 3    | Area ... | 36 6    | 1,031     |        |
| Do. upper portion ...                                                        | ... | 15 10   | Area ... | 5 0     | 79        |        |
| Segmental archwork as per details ...                                        | ... | ...     | ...      | ...     | 236       |        |
| Semi-circular do. do. ...                                                    | ... | ...     | ...      | ...     | 63        |        |
| Cubic feet ...                                                               | ... | ...     | ...      | ...     | ...       | 3,099  |
|                                                                              | ... | ...     | ...      | ...     | ...       | 11,016 |

## Detailed Quantities—cont.

| Description of Work.                                  | No. | Length.        | Breadth.       | Depth.         | Contents. | Total. |
|-------------------------------------------------------|-----|----------------|----------------|----------------|-----------|--------|
| <i>Stone under posts and trusses.</i>                 |     |                |                |                |           |        |
| Under posts ... ..                                    | 30  | FT. IN.<br>1 0 | FT. IN.<br>1 0 | FT. IN.<br>0 5 | 13        |        |
| Under trusses ... ..                                  | 6   | 2 0            | 1 6            | 0 5            | 8         |        |
| Do. ... ..                                            | 12  | 2 0            | 1 3            | 0 5            | 13        |        |
| Cubic feet ... ..                                     | ... | ...            | ...            | ...            | 34        |        |
| <i>Stonework (if easily procurable)—</i>              |     |                |                |                |           |        |
| Steps ... ..                                          | 2   | 65 6           | 1 3            | 0 6            | 136       |        |
| Do. ... ..                                            | 2   | 41 6           | 1 3            | 0 6            |           |        |
| Do. ... ..                                            | 1   | 4 0            | 1 3            | 0 6            |           |        |
| Capping to plinth ... ..                              | ... | 322 0          | 0 10           | 0 5            | 112       |        |
| Cubic feet ... ..                                     | ... | ...            | ...            | ...            | 248       |        |
| <i>N.B.—Stone quoins not included.</i>                |     |                |                |                |           |        |
| <i>Segmental archwork.</i>                            |     |                |                |                |           |        |
| Over court doors ... ..                               | 10  | 5 0            | 1 6            | 1 0            | 75        |        |
| Head clerk, gumastah's room, &c., do.                 | 11  | 5 0            | 1 3            | 1 0            | 69        |        |
| Archways in passage ... ..                            | 2   | 9 0            | 1 3            | 1 0            | 23        |        |
| Record tower door ... ..                              | 1   | 3 9            | 1 6            | 1 0            | 6         |        |
| Over windows for head clerks and retiring room ... .. | 4   | 3 0            | 1 3            | 1 0            | 15        |        |
| Do. record tower ... ..                               | 4   | 4 0            | 0 10           | 1 0            | 13        |        |
| Do. property room ... ..                              | 2   | 3 0            | 1 3            | 1 0            | 8         |        |
| Court upper lights ... ..                             | 6   | 3 0            | 1 6            | 1 0            | 27        |        |
| Cubic feet ... ..                                     | ... | ...            | ...            | ...            | 236       |        |
| <i>Semi-circular Archwork.</i>                        |     |                |                |                |           |        |
| Spiral doors ... ..                                   | 3   | 4 9            | 1 0            | 1 0            | 14        |        |
| Record tower, upper windows ... ..                    | 4   | 4 0            | 0 10           | 1 0            | 13        |        |
| Do. above do. front ... ..                            | 1   | 14 3           | 1 6            | 1 0            | 21        |        |
| Do. do. side ... ..                                   | 1   | 10 0           | 1 6            | 1 0            | 15        |        |
| Cubic feet ... ..                                     | ... | ...            | ...            | ...            | 63        |        |
| <i>Earthfilling in basement.</i>                      |     |                |                |                |           |        |
| Court ... ..                                          | 1   | 40 0           | 22 0           | 1 6            | 1,320     |        |
| Head clerk, gumastah's room, &c. ... ..               | ... | 73 0           | 18 0           | 1 6            | 1,971     |        |
| Tower ... ..                                          | 1   | 13 6           | 13 6           | 1 6            | 273       |        |
| Property room ... ..                                  | 1   | 21 0           | 14 0           | 0 6            | 147       |        |
| Verandahs ... ..                                      | ... | 121 4          | 8 2            | 1 6            | 1,486     |        |
| Do. ... ..                                            | ... | 86 1           | 7 2            | 1 6            | 925       |        |
| Cubic feet ... ..                                     | ... | ...            | ...            | ...            | 6,122     |        |
| Cubic yards ... ..                                    | ... | ...            | ...            | ...            | ...       |        |
| <i>Teakwood.</i>                                      |     |                |                |                |           |        |
| <i>Court—</i>                                         |     |                |                |                |           |        |
| Three trusses 22 feet span. { Tie beams ... ..        | 3   | 25 0           | 0 6            | 0 8            | 25        |        |
| Principal rafters ... ..                              | 6   | 14 6           | 0 5            | 0 6            | 18        |        |
| Struts ... ..                                         | 6   | 7 0            | 0 4            | 0 5            | 6         |        |
| Purlins ... ..                                        | 2   | 47 0           | 0 6            | 0 7            | 27        |        |
| Purlins over wall ... ..                              | 2   | 47 0           | 0 4            | 0 4            | 10        |        |
| Ridge ... ..                                          | 1   | 47 0           | 0 3            | 0 8            | 8         |        |

## Detailed Quantities—cont.

| Description of Work.                          | No.    | Length.                                      | Breadth.                         | Depth.                           | Contents. | Total. |
|-----------------------------------------------|--------|----------------------------------------------|----------------------------------|----------------------------------|-----------|--------|
| <i>Teakwood—cont.</i>                         |        |                                              |                                  |                                  |           |        |
| Common rafters ... ..                         | 64     | FT. IN.<br>16 10 <sup>1</sup> / <sub>2</sub> | FT. IN.<br>0 3                   | FT. IN.<br>0 4                   | 90        |        |
| Barge boards ... ..                           | 4      | 17 6                                         | 0 2                              | 0 9                              | 10        |        |
| Do. ... ..                                    | 4      | 2 0                                          | 0 2                              | 0 9                              |           |        |
| Do. ... ..                                    | 2      | 13 6                                         | 0 2                              | 0 7                              |           |        |
| Do. ... ..                                    | 4      | 5 3                                          | 0 2                              | 1 6                              | 5         |        |
| Do. carved pieces ... ..                      | 4      | 2 6                                          | 0 1                              | 1 9                              | 1         |        |
| Finial ... ..                                 | 2      | 7 0                                          | 0 4                              | 0 4                              | 2         |        |
| Do. upper portion ... ..                      | 2      | 1 3                                          | 1 0                              | 1 0                              | 3         |        |
| Do. do. ... ..                                | 2      | 1 10 <sup>1</sup> / <sub>2</sub>             | 0 6                              | 0 6                              | 1         |        |
| Do. lower ball ... ..                         | 2      | 1 1 <sup>1</sup> / <sub>2</sub>              | 0 8                              | 0 8                              | 1         |        |
| Eaves boarding ... ..                         | 2      | 47 0                                         | 0 2 <sup>1</sup> / <sub>4</sub>  | 0 5                              | 2         |        |
| <i>Head clerk, gumastah's &amp;c., rooms—</i> |        |                                              |                                  |                                  |           |        |
| Four trusses 18 feet span. { Tie beam ... ..  | 4      | 20 6                                         | 0 4                              | 0 6                              | 14        |        |
| Principal rafters ... ..                      | 8      | 11 9                                         | 0 4                              | 0 5                              | 13        |        |
| Struts ... ..                                 | 8      | 5 6                                          | 0 4                              | 0 4                              | 5         |        |
| Purlins ... ..                                | 2      | 84 0                                         | 0 5                              | 0 6                              | 35        |        |
| Do. over wall ... ..                          | 2      | 84 0                                         | 0 4                              | 0 4                              | 19        |        |
| Ridge ... ..                                  | 1      | 84 0                                         | 0 3                              | 0 8                              | 14        |        |
| Common rafters ... ..                         | 114    | 14 0                                         | 0 3                              | 0 4                              | 133       |        |
| Barge boards ... ..                           | 4      | 14 6                                         | 0 2                              | 0 9                              | 8         |        |
| Do. ... ..                                    | 4      | 2 0                                          | 0 2                              | 0 9                              |           |        |
| Do. ... ..                                    | 2      | 10 9                                         | 0 2                              | 0 6                              |           |        |
| Do. ... ..                                    | 4      | 4 0                                          | 0 2                              | 1 3                              | 3         |        |
| Do. ... ..                                    | 4      | 1 3                                          | 0 2                              | 0 3                              | 1         |        |
| Do. ... ..                                    | 4      | 0 10 <sup>1</sup> / <sub>2</sub>             | 0 2                              | 0 3                              |           |        |
| Do. ... ..                                    | 2      | 6 0                                          | 0 3 <sup>1</sup> / <sub>2</sub>  | 0 3 <sup>1</sup> / <sub>2</sub>  |           |        |
| Finials ... ..                                | 2      | 2 3                                          | 0 10 <sup>1</sup> / <sub>2</sub> | 0 10 <sup>1</sup> / <sub>2</sub> | 3         |        |
| Do. upper portion ... ..                      | 2      | 2 0                                          | 0 10                             | 0 10                             | 3         |        |
| Do. lower do. ... ..                          | 2      | 2 0                                          | 0 10                             | 0 10                             | 3         |        |
| Eaves boarding ... ..                         | 2      | 81 0                                         | 0 2 <sup>1</sup> / <sub>4</sub>  | 0 5                              | 4         |        |
| <i>Property room—</i>                         |        |                                              |                                  |                                  |           |        |
| Two trusses 14 feet span. { Tie beams ... ..  | 2      | 16 6                                         | 0 4                              | 0 5                              | 5         |        |
| Principal rafters ... ..                      | 4      | 9 3                                          | 0 4                              | 0 4                              | 4         |        |
| Struts ... ..                                 | 4      | 4 6                                          | 0 3                              | 0 4                              | 2         |        |
| Purlins ... ..                                | 2      | 25 0                                         | 0 4                              | 0 5                              | 7         |        |
| Do. over wall ... ..                          | 2      | 25 0                                         | 0 4                              | 0 4                              | 6         |        |
| Ridge ... ..                                  | 1      | 25 0                                         | 0 3                              | 0 7                              | 4         |        |
| Common rafters ... ..                         | 34     | 11 8                                         | 0 3                              | 0 3                              | 25        |        |
| Barge boards ... ..                           | 2      | 12 0                                         | 0 2                              | 0 8                              | 3         |        |
| Do. ... ..                                    | 4      | 0 4                                          | 0 2                              | 0 8                              |           |        |
| Do. ... ..                                    | 1      | 8 0                                          | 0 2                              | 0 4                              |           |        |
| Do. ... ..                                    | 2      | 2 0                                          | 0 2                              | 0 7 <sup>1</sup> / <sub>2</sub>  | 1         |        |
| Do. ... ..                                    | 1      | 2 6                                          | 0 2                              | 0 3                              | 1         |        |
| Eaves boarding ... ..                         | ...    | 28 0                                         | 0 2 <sup>1</sup> / <sub>4</sub>  | 0 4                              | 1         |        |
| <i>Record tower—</i>                          |        |                                              |                                  |                                  |           |        |
| Joists ... ..                                 | 2 × 10 | 15 6                                         | 0 4                              | 0 7                              | 60        |        |
| Rafters ... ..                                | 28     | 11 6                                         | 0 3                              | 0 5                              | 41        |        |
| Collar pieces ... ..                          | 10     | 7 6                                          | 0 3                              | 0 5                              |           |        |
| Ridge ... ..                                  | 1      | 19 6                                         | 0 3                              | 0 7                              |           |        |
| Wall plates ... ..                            | 2      | 19 6                                         | 0 3                              | 0 3                              | 2         |        |
| Barge boards ... ..                           | 4      | 12 3                                         | 0 2                              | 0 7                              | 5         |        |
| Do. ... ..                                    | 4      | 1 2                                          | 0 2                              | 0 7                              |           |        |
| Do. ... ..                                    | 4      | 4 0                                          | 0 2                              | 2 1 <sup>1</sup> / <sub>2</sub>  |           |        |
| Finials ... ..                                | 2      | 4 0                                          | 0 4                              | 0 4                              | 1         |        |
| Do. upper portion ... ..                      | 2      | 3 1 <sup>1</sup> / <sub>2</sub>              | 0 9                              | 0 9                              | 4         |        |
| Do. lower do. ... ..                          | 2      | 1 1 <sup>1</sup> / <sub>2</sub>              | 0 7 <sup>1</sup> / <sub>2</sub>  | 0 7 <sup>1</sup> / <sub>2</sub>  | 1         |        |
| Eaves boards ... ..                           | 2      | 19 6                                         | 0 2 <sup>1</sup> / <sub>4</sub>  | 0 5                              | 1         |        |
| <i>Verandahs—</i>                             |        |                                              |                                  |                                  |           |        |
| Posts ... ..                                  | 4      | 10 3                                         | 0 5                              | 0 5                              | 44        |        |
| Do. ... ..                                    | 14     | 7 10                                         | 0 5                              | 0 5                              |           |        |
| Do. ... ..                                    | 12     | 8 6                                          | 0 5                              | 0 5                              |           |        |

## Detailed Quantities—cont.

| Description of Work.                          | No. | Length.         | Breadth. | Depth.  | Contents. | Total. |
|-----------------------------------------------|-----|-----------------|----------|---------|-----------|--------|
| <i>Teakwood—cont.</i>                         |     |                 |          |         |           |        |
| Verandahs—cont.                               |     | FT. IN.         | FT. IN.  | FT. IN. |           |        |
| Bases to posts ...                            | 30  | 0 7             | 0 7      | 0 6     | 5         |        |
| Breastsummers ...                             | ... | 206 0           | 0 5      | 0 5     | 36        |        |
| Struts ...                                    | 47  | 2 9             | 0 3½     | 0 3½    | 11        |        |
| Cleats ...                                    | 51  | 0 9             | 0 3      | 0 3½    | 3         |        |
| Knobs ...                                     | 51  | 0 5             | 0 5      | 0 10    | 7         |        |
| Plank ...                                     | 47  | 2 0             | 1 6      | 0 1     | 6         |        |
| Rafters ...                                   | 47  | 11 3            | 0 3      | 0 4     | 91        |        |
| Small rafters ...                             | 88  | 6 5             | 0 3      | 0 4     |           |        |
|                                               |     | Average length. |          |         |           |        |
| Hip rafters ...                               | 8   | 14 0            | 0 4      | 0 5     | 16        |        |
| Ridge over entrances ...                      | 2   | 11 0            | 0 3      | 0 5     | 2         |        |
| Wall plates ...                               | ... | 96 0            | 0 3½     | 0 5     | 12        |        |
| Pieces to secure rafters to breastsummers ... | 132 | 1 3             | 0 3      | 0 1½    | 5         |        |
| Do. do. uprights ...                          | 66  | 0 10            | 0 3      | 0 3     | 3         |        |
| Joists ...                                    | 62  | 9 6             | 0 3      | 0 4     | 53        |        |
| Do. ...                                       | 7   | 6 0             | 0 3      | 0 4     |           |        |
| Eaves boarding for joists ...                 | 2   | 32 0            | 0 2      | 0 4     | 4         |        |
| Do. for rafters ...                           | ... | 107 0           | 0 2½     | 0 5     | 3         |        |
| Barge board for entrances ...                 | 4   | 10 0            | 0 1½     | 0 7     | 3         |        |
| Do. ...                                       | 2   | 4 0             | 0 2      | 2 0     | 3         |        |
| Do. collar pieces ...                         | 2   | 8 6             | 0 3      | 0 4     | 1         |        |
| Do. strut ...                                 | 4   | 6 0             | 0 3      | 1 6     | 9         |        |
| Turret—                                       |     |                 |          |         |           |        |
| Gill ...                                      | 8   | 2 6             | 0 11     | 1 0     | 18        |        |
| Uprights ...                                  | 8   | 0 8             | 0 9      | 4 6     | 18        |        |
| Breastsummers ...                             | 8   | 2 3             | 0 8      | 0 6     | 6         |        |
| Do. above ...                                 | 8   | 3 3             | 1 6      | 1 0     | 39        |        |
| Brackets ...                                  | 16  | 0 8             | 0 6      | 0 9     | 4         |        |
| Venetians ...                                 | 40  | 1 3             | 0 1      | 1 6     | 6         |        |
| Do. ...                                       | 32  | 0 4             | 0 2      | 1 3     | 1         |        |
| Bay windows—                                  |     |                 |          |         |           |        |
| Brackets ...                                  | 8   | 3 0             | 0 3      | 0 7     | 4         |        |
| Knobs ...                                     | 8   | 0 7½            | 0 4      | 0 4     | 1         |        |
| Joists ...                                    | 8   | 3 0             | 0 3      | 0 3     |           |        |
| Longitudinal pieces ...                       | 4   | 8 0             | 0 3      | 0 3     | 4         |        |
| Uprights ...                                  | 8   | 0 3             | 0 3      | 7 3     | 6         |        |
| Do. ...                                       | 4   | 0 3             | 0 3      | 8 9     |           |        |
| Breastsummers ...                             | 4   | 3 0             | 0 3      | 0 3     |           |        |
| Do. ...                                       | 2   | 8 0             | 0 3      | 0 3     | 3         |        |
| Do. ...                                       | 4   | 2 0             | 0 3      | 0 3     |           |        |
| Do. ...                                       | 2   | 8 0             | 0 3      | 0 3     |           |        |
| Brackets ...                                  | 20  | 0 6             | 0 3      | 1 3     | 3         |        |
| Rail ...                                      | 2   | 8 0             | 0 3      | 0 3     |           |        |
| Do. ...                                       | 8   | 2 0             | 0 3      | 0 3     | 2         |        |
| Battens for panel                             | ... | 100 0           | 0 1      | 0 2     | 1         |        |
| Frame ...                                     | 4   | 4 0             | 0 1½     | 0 2½    |           |        |
| Do. ...                                       | 12  | 1 6             | 0 1½     | 0 2½    | 2         |        |
| Do. ...                                       | 20  | 1 10½           | 0 1½     | 0 2½    |           |        |
| Rafters ...                                   | 6   | 4 0             | 0 2      | 0 2     | 1         |        |
| Hip rafters ...                               | 4   | 5 0             | 0 2      | 0 2½    | 1         |        |
| Small rafters ...                             | 8   | 2 6             | 0 2      | 0 2     | 1         |        |
| Planking floor ...                            | 2   | 8 0             | 2 0      | 0 1     | 3         |        |
| Do. for roof ...                              | 28  | 10 6            | 0 2      | 0 6     | 6         |        |
| Roll cap ...                                  | 4   | 4 6             | 0 2      | 0 2½    | 1         |        |
| Cubic feet ...                                | ... | ...             | ...      | ...     | 1,103     |        |

## Detailed Quantities—cont.

| Description of Work.                                         | No. | Length.     | Breadth.    | Depth.      | Contents. | Total.  |
|--------------------------------------------------------------|-----|-------------|-------------|-------------|-----------|---------|
| Venetian and panel doors with frames.                        | 21  | FT. IN. 4 0 | FT. IN. ... | FT. IN. 8 0 | 672       | sq. ft. |
| Batten door to record room with frames.                      | 1   | 2 9         | ...         | 6 6         | 18        | sq. ft. |
| Venetian windows with frames.                                |     |             |             |             |           |         |
| Head clerk's and retiring room ...                           | 4   | 2 0         | ...         | 6 6         | 52        | sq. ft. |
| Windows with iron bars and glazed shutters including frames. |     |             |             |             |           |         |
| Record-room lower windows ...                                | 2   | 3 0         | ...         | 4 0         | 24        |         |
| Property room windows ...                                    | 6   | 2 0         | ...         | 5 0         | 60        |         |
|                                                              |     |             |             |             | 84        | sq. ft. |
| Windows with frames and glazed shutters.                     |     |             |             |             |           |         |
| Record-room upper windows ...                                | 2   | 3 0         | ...         | 4 0         | 24        |         |
| Do. do. ...                                                  | 4   | 1 6         | ...         | 4 3         | 26        |         |
|                                                              |     |             |             |             | 50        | sq. ft. |
| Upper lights with glazed shutters and frames.                |     |             |             |             |           |         |
| Court ...                                                    | 14  | 2 0         | ...         | 5 0         | 140       |         |
| Head clerk, gumastah's room, &c. ...                         | 8   | 5 0         | ...         | 2 1½        | 85        |         |
|                                                              |     |             |             |             | 225       | sq. ft. |
| Wrought iron work in trusses, &c.                            |     |             |             |             |           |         |
| 1½" diameter king rods for 22 ft. trusses.                   | 3   | 9 9         | 29 3        | ×4-09       | 119-63    |         |
| 1½" hex. nuts and bolt heads for do. ...                     | 9   | ...         | ...         | ×2-14       | 19-26     |         |
| 3" × 3" × ½" washers for do. ...                             | 9   | ...         | ...         | ×0-32       | 2-88      |         |
| 1½" × ¾" straps for do. ...                                  | 6   | 3 0         | 18 0        | ×1-87       | 33-66     |         |
| 1½" × ½" bearing plates for do. ...                          | 6   | 0 7½        | 3 10½       | ×2-50       | 9-68      |         |
| ¾" hex. nuts for do. ...                                     | 12  | ...         | ...         | ×2-67       | 32-04     |         |
| 1" diar. king rods for 18 feet do. ...                       | 4   | 8 0         | 32 0        | ×2-62       | 83-84     |         |
| 1" hex. nuts and bolt heads for do. ...                      | 12  | ...         | ...         | ×1-10       | 13-20     |         |
| 3" × 3" × ½" washers for do. ...                             | 12  | ...         | ...         | ×0-32       | 3-84      |         |
| 1½" × ¾" straps for do. ...                                  | 8   | 2 7         | 20 8        | ×1-87       | 38-64     |         |
| 1½" × ½" bearing plates for do. ...                          | 8   | 0 6½        | 4 6         | ×2-50       | 11-25     |         |
| ¾" hex. nuts for do. ...                                     | 16  | ...         | ...         | ×2-67       | 4-27      |         |
| ¾" diar. king rods for 14 feet do. ...                       | 2   | 6 3         | 12 6        | ×2-01       | 25-12     |         |
| ¾" hex. nuts and bolt heads for do. ...                      | 6   | ...         | ...         | ×0-73       | 4-38      |         |
| 3" × 3" × ½" washers for do. ...                             | 6   | ...         | ...         | ×0-32       | 1-92      |         |
| 1½" × ¾" straps for do. ...                                  | 4   | 2 3         | 9 0         | ×1-87       | 16-83     |         |
| 1½" × ½" bearing plates for do. ...                          | 4   | 0 6½        | 2 3         | ×2-50       | 5-62      |         |
| ¾" hex. nuts for do. ...                                     | 8   | ...         | ...         | ×2-67       | 2-13      |         |
| ¾" bolts for verandah wall plates ...                        | 22  | 2 0         | 44 0        | ×1-47       | 64-68     |         |
| ¾" hex. nuts and bolt heads for do. ...                      | 44  | ...         | ...         | ×0-43       | 18-92     |         |
| 1" bolts for securing bay window uprights to wall.           | 4   | 1 6         | 6 0         | ×2-62       | 15-72     |         |
| 1" hex. nuts and bolt heads for do. ...                      | 16  | ...         | ...         | ×1-10       | 17-60     |         |
| ¾" bolts to secure verandah rafters to breastsummers.        | 132 | 0 6         | 66 0        | ×1-64       | 10-82     |         |
| 1" hex. nut and bolt head ...                                | 264 | ...         | ...         | ×0-17       | 4-48      |         |
| lbs ...                                                      | ... | ...         | ...         | ...         | 560-41    |         |
| Say lbs ...                                                  | ... | ...         | ...         | ...         | ...       | 561     |

## Detailed Quantities—cont.

| Description of Work.                                                                              | No. | Length. | Breadth. | Depth.  | Contents. | Total.      |
|---------------------------------------------------------------------------------------------------|-----|---------|----------|---------|-----------|-------------|
| <i>Flooring with square pavement tiles.</i>                                                       |     | FT. IN. | FT. IN.  | FT. IN. |           |             |
| Court ... ..                                                                                      | ... | 40 0    | ...      | 22 0    | 880       |             |
| Head clerk's, gumastah's room, &c. ...                                                            | ... | 73 0    | ...      | 18 0    | 1,314     |             |
| Property room ... ..                                                                              | ... | 21 0    | ...      | 14 0    | 294       |             |
| Record do. ... ..                                                                                 | ... | 13 6    | ...      | 13 6    | 182       |             |
| Verandahs ... ..                                                                                  | ... | 101 6   | ...      | 9 0     | 914       |             |
| Do. ... ..                                                                                        | ... | 29 6    | ...      | 8 9     | 258       |             |
| Do. ... ..                                                                                        | ... | 78 9    | ...      | 8 0     | 630       |             |
| Door pieces ... ..                                                                                | 10  | 4 0     | ...      | 1 6     | 60        |             |
| Do. ... ..                                                                                        | 11  | 4 0     | ...      | 1 3     | 55        |             |
| Do. ... ..                                                                                        | 1   | 2 9     | ...      | 1 6     | 4         |             |
| Do. ... ..                                                                                        | 1   | 2 0     | ...      | 1 0     | 2         |             |
| Archway ... ..                                                                                    | 2   | 7 0     | ...      | 1 3     | 18        |             |
| Deduct spiral ... ..                                                                              | ... | 53 0    | Area ... | ...     | ...       | 4,611<br>53 |
| Square feet ... ..                                                                                | ... | ...     | ...      | ...     | ...       | 4,558       |
| Squares ... ..                                                                                    | ... | ...     | ...      | ...     | ...       | 45·58       |
| <i>Tiling with flat and pan tiles including<br/>reepers, nails and chumam bands<br/>complete.</i> |     |         |          |         |           |             |
| Court ... ..                                                                                      | ... | 46 6    | ...      | 34 6    | 1,604     |             |
| Head clerk's, gumastah's room, &c. ...                                                            | ... | 81 0    | ...      | 29 0    | 2,349     |             |
| Property room ... ..                                                                              | ... | 23 9    | ...      | 24 0    | 570       |             |
| Record tower ... ..                                                                               | ... | 19 6    | ...      | 24 0    | 468       |             |
| Verandahs ... ..                                                                                  | ... | 123 3   | ...      | 11 6    | 1,417     |             |
| Square feet ... ..                                                                                | ... | ...     | ...      | ...     | 6,408     |             |
| Squares ... ..                                                                                    | ... | ...     | ...      | ...     | ...       | 64          |
| <i>Terracing.</i>                                                                                 |     |         |          |         |           |             |
| Verandahs ... ..                                                                                  | ... | 89 6    | ...      | 9 0     | 806       |             |
| Record tower ... ..                                                                               | 2   | 14 0    | ...      | 14 0    | 392       |             |
| Square feet ... ..                                                                                | ... | ...     | ...      | ...     | 1,198     |             |
| Squares .. ...                                                                                    | ... | ...     | ...      | ...     | ...       | 12          |
| <i>Terracing roof of turret</i> ... ..                                                            | ... | 12 0    | ...      | 9 6     | 114       | sq. ft.     |
| Squares ... ..                                                                                    | ... | ...     | ...      | ...     | ...       | 1·14        |
| <i>Plastering interior.</i>                                                                       |     |         |          |         |           |             |
| Court ... ..                                                                                      | ... | 124 0   | ...      | 20 0    | 2,480     |             |
| Do. gables ... ..                                                                                 | 2   | 23 6    | ...      | 3 11    | 184       |             |
| Head clerk's, gumastah room, &c. ...                                                              | ... | 290 0   | ...      | 14 0    | 4,060     |             |
| Do. do. gables ... ..                                                                             | 8   | 19 3    | ...      | 3 2½    | 494       |             |
| Property room ... ..                                                                              | ... | 70 0    | ...      | 10 0    | 700       |             |
| Do. gables ... ..                                                                                 | 2   | 15 3    | ...      | 2 6½    | 78        |             |
| Record tower ... ..                                                                               | ... | 54 0    | ...      | 31 0    | 1,674     |             |
| Gables ... ..                                                                                     | 2   | 15 0    | ...      | 2 6     | 75        |             |
| Spiral ... ..                                                                                     | ... | 18 10   | ...      | 41 6    | 782       |             |
| Door jambs ... ..                                                                                 | 10  | 20 0    | ...      | 1 6     | 300       |             |
| Do. ... ..                                                                                        | 11  | 20 0    | ...      | 1 3     | 275       |             |
| Do. ... ..                                                                                        | 1   | 15 9    | ...      | 1 6     | 24        |             |
| Do. ... ..                                                                                        | 3   | 14 0    | ...      | 1 0     | 42        |             |
| Window jambs ... ..                                                                               | 4   | 17 0    | ...      | 1 3     | 85        |             |
| Do. ... ..                                                                                        | 2   | 14 0    | ...      | 1 6     | 42        |             |

## Detailed Quantities—cont.

| Description of Work.                 | No. | Length. | Breadth. | Depth.  | Contents. | Total. |
|--------------------------------------|-----|---------|----------|---------|-----------|--------|
| <i>Plastering interior—cont.</i>     |     | FT. IN. | FT. IN.  | FT. IN. |           |        |
| Window jambs ... ..                  | 2   | 14 0    | ...      | 0 10    | 23        |        |
| Do. ... ..                           | 4   | 11 0    | ...      | 0 10    | 37        |        |
| Do. ... ..                           | 4   | 12 0    | ...      | 1 3     | 60        |        |
| Do. ... ..                           | 2   | 14 0    | ...      | 1 3     | 35        |        |
| Upper lights jambs ... ..            | 6   | 14 0    | ...      | 1 6     | 126       |        |
| Do. do. ... ..                       | 8   | 12 0    | ...      | 1 6     | 144       |        |
| Do. do. ... ..                       | 8   | 9 3     | ...      | 1 3     | 153       |        |
| Archways do. ... ..                  | 2   | 24 0    | ...      | 1 3     | ...       | 11,873 |
| Deductions—                          |     |         |          |         |           |        |
| Doors ... ..                         | 26  | 4 0     | ...      | 8 0     | 832       |        |
| Do. ... ..                           | 1   | 2 9     | ...      | 6 6     | 18        |        |
| Do. ... ..                           | 6   | 2 0     | ...      | 5 6     | 66        |        |
| Do. ... ..                           | 3   | 3 1     | Area ... | ...     | 9         |        |
| Windows ... ..                       | 4   | 2 0     | ...      | 6 6     | 52        |        |
| Do. ... ..                           | 4   | 3 0     | ...      | 4 0     | 48        |        |
| Do. ... ..                           | 4   | 1 6     | ...      | 3 6     | 21        |        |
| Do. ... ..                           | 2   | 1 9     | Area ... | ...     | 4         |        |
| Do. ... ..                           | 6   | 2 0     | ...      | 5 0     | 60        |        |
| Upper lights ... ..                  | 14  | 2 0     | ...      | 5 0     | 140       |        |
| Do. ... ..                           | 8   | 5 0     | ...      | 2 1½    | 85        |        |
| Archways in passage ... ..           | 2   | 7 0     | ...      | 8 0     | 112       |        |
| Square feet ... ..                   | ... | ...     | ...      | ...     | ...       | 1,447  |
| Squares ... ..                       | ... | ...     | ...      | ...     | ...       | 10,426 |
| Squares ... ..                       | ... | ...     | ...      | ...     | ...       | 104·26 |
| <i>Pointing exterior.</i>            |     |         |          |         |           |        |
| Court ... ..                         | ... | 95 0    | ...      | 20 0    | 1,900     |        |
| Do. sides of end gables ... ..       | 4   | 7 0     | ...      | 2 6     | 70        |        |
| Gables ... ..                        | 2   | 25 0    | ...      | 4 2     | 208       |        |
| Head clerk, gumastah's room, &c. ... | ... | 180 6   | ...      | 14 0    | 2,527     |        |
| Do. gables ... ..                    | 2   | 20 6    | ...      | 3 5     | 140       |        |
| Do. sides of gable ... ..            | 2   | 6 0     | ...      | 3 0     | 36        |        |
| Property room ... ..                 | 1   | 61 0    | ...      | 10 0    | 610       |        |
| Gable ... ..                         | 1   | 16 6    | ...      | 2 9     | 45        |        |
| Record tower ... ..                  | ... | 58 0    | ...      | 32 0    | 1,856     |        |
| Do. gable ... ..                     | 2   | 16 6    | ...      | 2 9     | 91        |        |
| Turret ... ..                        | ... | 19 10   | ...      | 35 0    | 694       |        |
| Do. upper portion ... ..             | ... | 26 6    | ...      | 2 0     | 53        |        |
| Do. do. ... ..                       | ... | 24 0    | ...      | 4 6     | 108       |        |
| Basement all round ... ..            | ... | 308 0   | ...      | 2 0     | 616       |        |
| Do. for property room ... ..         | ... | 43 0    | ...      | 1 0     | 43        |        |
| Deductions—                          |     |         |          |         |           | 8,997  |
| Doors ... ..                         | 16  | 4 0     | ...      | 8 0     | 512       |        |
| Do. ... ..                           | 1   | 2 9     | ...      | 6 6     | 18        |        |
| Windows ... ..                       | 4   | 2 0     | ...      | 6 6     | 52        |        |
| Do. ... ..                           | 4   | 3 0     | ...      | 4 0     | 48        |        |
| Do. ... ..                           | 4   | 1 6     | ...      | 3 6     | 21        |        |
| Do. ... ..                           | 2   | 1 9     | Area     | ...     | 4         |        |
| Do. ... ..                           | 6   | 2 0     | ...      | 5 0     | 60        |        |
| Upper lights ... ..                  | 14  | 2 0     | ...      | 5 0     | 140       |        |
| Do. ... ..                           | 8   | 5 0     | ...      | 2 1½    | 85        |        |
| Archways in passage ... ..           | 2   | 7 0     | ...      | 8 0     | 112       |        |
| Square feet ... ..                   | ... | ...     | ...      | ...     | ...       | 1,052  |
| Squares ... ..                       | ... | ...     | ...      | ...     | ...       | 7,945  |
| Squares ... ..                       | ... | ...     | ...      | ...     | ...       | 79·45  |

## Detailed Quantities—cont.

| Description of Work.                                                                                          | No. | Length.  | Breadth. | Depth.  | Contents. | Total. |
|---------------------------------------------------------------------------------------------------------------|-----|----------|----------|---------|-----------|--------|
| <i>Lath and Plaster.</i>                                                                                      |     |          |          |         |           |        |
| Record tower below joists ...                                                                                 | 2   | FT. IN.  | FT. IN.  | FT. IN. |           |        |
| Do. couples ...                                                                                               | 1   | 13 6     | ...      | 13 6    | 365       |        |
| Square feet ...                                                                                               |     | 13 6     | ...      | 14 9    | 199       |        |
| Squares ...                                                                                                   |     |          |          |         | 564       |        |
|                                                                                                               |     |          |          |         |           | 5-64   |
| <i>Painting doors and windows and exposed wood work of roof, &amp;c., with 3 coats of Carson's oak color.</i> |     |          |          |         |           |        |
| Venetian and panel doors ... 3 x                                                                              | 21  | 4 0      |          | 8 0     | 2,016     |        |
| Batten door ... 2 x                                                                                           | 1   | 2 9      |          | 6 6     | 36        |        |
| Venetian windows ... 3 x                                                                                      | 4   | 2 0      |          | 6 6     | 156       |        |
| Windows with iron bars and glazed shutters ... 3 x                                                            | 2   | 3 0      |          | 4 0     | 72        |        |
| Do. do. ... 3 x                                                                                               | 6   | 2 0      |          | 5 0     | 180       |        |
| Windows with glazed shutters ... 2 x                                                                          | 2   | 3 0      |          | 4 0     | 48        |        |
| Do. do. ... 2 x                                                                                               | 4   | 1 6      |          | 4 3     | 51        |        |
| Upper lights ... 2 x                                                                                          | 14  | 2 0      |          | 5 0     | 280       |        |
| Do. ... 2 x                                                                                                   | 8   | 5 0      |          | 2 1 1/2 | 170       |        |
| Barge boards ...                                                                                              | 4   | 17 6     |          | 1 0     | 70        |        |
| Do. ...                                                                                                       | 4   | 2 0      |          | 0 9     | 6         |        |
| Do. ...                                                                                                       | 2   | 13 6     |          | 1 6     | 72        |        |
| Do. ...                                                                                                       | 4   | 5 3      |          | 1 6     | 18        |        |
| Finials ...                                                                                                   | 4   | 2 6      |          | 1 9     | 32        |        |
| Eaves boarding ...                                                                                            | 2   | 1 6      |          | 10 6    | 47        |        |
| Barge boards ...                                                                                              | 2   | 47 0     |          | 0 6     | 58        |        |
| Do. ...                                                                                                       | 4   | 14 6     |          | 1 0     | 6         |        |
| Do. ...                                                                                                       | 4   | 2 0      |          | 0 9     | 29        |        |
| Do. ...                                                                                                       | 2   | 10 9     |          | 1 4     | 20        |        |
| Do. ...                                                                                                       | 4   | 4 0      |          | 1 3     | 5         |        |
| Do. ...                                                                                                       | 4   | 1 3      |          | 0 7     | 25        |        |
| Finials ...                                                                                                   | 4   | 0 10 1/2 |          | 0 7     | 81        |        |
| Eaves boarding ...                                                                                            | 2   | 1 4      |          | 9 6     | 20        |        |
| Barge boards ...                                                                                              | 2   | 81 0     |          | 0 6     | 2         |        |
| Do. ...                                                                                                       | 2   | 12 0     |          | 0 10    | 5         |        |
| Do. ...                                                                                                       | 8   | 0 8      |          | 0 4     | 4         |        |
| Do. ...                                                                                                       | 1   | 8 0      |          | 0 8     | 12        |        |
| Do. ...                                                                                                       | 2   | 2 6      |          | 0 7     | 37        |        |
| Eaves boarding ...                                                                                            | 1   | 2 6      |          | 0 7     | 3         |        |
| Barge boards ...                                                                                              | 1   | 28 0     |          | 0 5     | 32        |        |
| Do. ...                                                                                                       | 4   | 12 3     |          | 0 9     | 24        |        |
| Do. ...                                                                                                       | 4   | 1 2      |          | 0 7     | 20        |        |
| Finials ...                                                                                                   | 4   | 4 0      |          | 0 7     | 413       |        |
| Eaves boarding ...                                                                                            | 2   | 1 6      |          | 2 0     | 35        |        |
| Posts ...                                                                                                     | 2   | 19 6     |          | 8 0     | 258       |        |
| Do. ...                                                                                                       | 4   | 10 1     |          | 0 6     | 151       |        |
| Do. ...                                                                                                       | 14  | 7 8      |          | 1 8     | 30        |        |
| Bases to do. ...                                                                                              | 12  | 8 4      |          | 1 8     | 43        |        |
| Breastsummers ...                                                                                             | 30  | 2 4      |          | 0 6     | 141       |        |
| Struts ...                                                                                                    | 206 | 0        |          | 1 3     | 83        |        |
| Cleats ...                                                                                                    | 47  | 2 9      |          | 1 2     | 41        |        |
| Knobs ...                                                                                                     | 51  | 0 9 1/2  |          | 0 6     | 32        |        |
| Planks ...                                                                                                    | 51  | 1 8      |          | 0 6     | 54        |        |
| Pieces to secure rafters ...                                                                                  | 47  | 2 0      |          | 1 6     |           |        |
| Do. uprights ...                                                                                              | 132 | 1 3      |          | 0 6     |           |        |
| Eaves boarding ...                                                                                            | 66  | 0 10     |          | 0 9     |           |        |
| Do. ...                                                                                                       | 2   | 32 0     |          | 0 6     |           |        |
|                                                                                                               | 107 | 0        |          | 0 6     |           |        |

## Detailed Quantities—cont.

| Description of Work.                                                                                               | No. | Length.   | Breadth. | Depth.  | Contents. | Total. |
|--------------------------------------------------------------------------------------------------------------------|-----|-----------|----------|---------|-----------|--------|
| <i>Painting doors and windows and exposed wood work of roof, &amp;c., with 3 coats of Carson's oak color—cont.</i> |     |           |          |         |           |        |
|                                                                                                                    |     | FT. IN.   | FT. IN.  | FT. IN. |           |        |
| Barge board ...                                                                                                    | 4   | 10 0      |          | 0 8 1/2 | 28        |        |
| Do. ...                                                                                                            | 2   | 4 0       |          | 2 0     | 16        |        |
| Do. ...                                                                                                            | 2   | 8 6       |          | 1 2     | 20        |        |
| Struts ...                                                                                                         | 4   | 6 0       |          | 1 6     | 36        |        |
| Turret cill ...                                                                                                    | 18  | 0         |          | 2 6     | 45        |        |
| Uprights ...                                                                                                       | 8   | 4 4       |          | 2 4     | 81        |        |
| Breastsummers ...                                                                                                  | 18  | 0         |          | 1 4     | 24        |        |
| Do. above ...                                                                                                      | 24  | 0         |          | 1 9     | 42        |        |
| Brackets ...                                                                                                       | 16  | 0 9       |          | 0 8     | 96        |        |
| Venetians ...                                                                                                      | 40  | 1 3       |          | 3 0     | 150       |        |
| Do. ...                                                                                                            | 32  | 1 3       |          | 0 7     | 23        |        |
| Brackets ...                                                                                                       | 8   | 3 0       |          | 1 3     | 30        |        |
| Knobs ...                                                                                                          | 8   | 0 6       |          | 1 3     | 5         |        |
| Joists ...                                                                                                         | 8   | 2 0       |          | 0 9     | 12        |        |
| Longitudinal pieces ...                                                                                            | 4   | 8 0       |          | 0 9     | 24        |        |
| Uprights ...                                                                                                       | 8   | 1 0       |          | 7 3     | 58        |        |
| Do. ...                                                                                                            | 4   | 0 9       |          | 8 9     | 26        |        |
| Breastsummers ...                                                                                                  | 4   | 2 0       |          | 0 9     | 6         |        |
| Do. ...                                                                                                            | 2   | 8 0       |          | 0 9     | 12        |        |
| Do. ...                                                                                                            | 4   | 2 0       |          | 1 0     | 8         |        |
| Do. ...                                                                                                            | 2   | 8 0       |          | 1 0     | 16        |        |
| Brackets ...                                                                                                       | 20  | 0 8       |          | 1 3     | 17        |        |
| Rail ...                                                                                                           | 2   | 8 0       |          | 0 8     | 21        |        |
| Do. ...                                                                                                            | 8   | 2 0       |          | 0 8     | 59        |        |
| Panels ... 2 x                                                                                                     | 2   | 3 9       |          | 1 6     | 344       |        |
| Do. ... 2 x                                                                                                        | 8   | 1 6       |          | 1 6     |           |        |
| Roof ... 2 x                                                                                                       | 2   | 10 9      |          | 8 0     |           |        |
| Square feet ...                                                                                                    |     |           |          |         | 6,117     |        |
| Squares ...                                                                                                        |     |           |          |         |           | 61-17  |
| <i>Painting wood work of roof with 3 coats of wood-oil.</i>                                                        |     |           |          |         |           |        |
| Tie beams ...                                                                                                      | 3   | 25 0      |          | 2 4     | 175       |        |
| Principal rafters ...                                                                                              | 6   | 14 6      |          | 1 10    | 160       |        |
| Struts ...                                                                                                         | 6   | 7 0       |          | 1 6     | 63        |        |
| Purlins ...                                                                                                        | 2   | 46 0      |          | 1 8     | 153       |        |
| Do. ...                                                                                                            | 2   | 46 0      |          | 1 0     | 92        |        |
| Ridge ...                                                                                                          | 1   | 46 0      |          | 1 7     | 73        |        |
| Common rafters ...                                                                                                 | 64  | 16 10 1/2 |          | 0 11    | 990       |        |
| Tie beams ...                                                                                                      | 4   | 20 6      |          | 1 8     | 137       |        |
| Principal rafters ...                                                                                              | 8   | 11 9      |          | 1 2     | 110       |        |
| Struts ...                                                                                                         | 8   | 5 6       |          | 1 4     | 59        |        |
| Purlins ...                                                                                                        | 2   | 81 0      |          | 1 5     | 230       |        |
| Do. ...                                                                                                            | 2   | 81 0      |          | 1 0     | 162       |        |
| Ridge ...                                                                                                          | 1   | 81 0      |          | 1 7     | 128       |        |
| Common rafters ...                                                                                                 | 114 | 14 0      |          | 0 11    | 1,463     |        |
| Tie beams ...                                                                                                      | 2   | 16 6      |          | 1 6     | 50        |        |
| Principal rafters ...                                                                                              | 4   | 9 3       |          | 1 0     | 37        |        |
| Struts ...                                                                                                         | 4   | 4 6       |          | 1 2     | 21        |        |
| Purlins ...                                                                                                        | 2   | 23 9      |          | 1 2     | 55        |        |
| Do. ...                                                                                                            | 2   | 23 9      |          | 1 0     | 48        |        |
| Ridge ...                                                                                                          | 1   | 23 9      |          | 1 5     | 34        |        |
| Common rafters ...                                                                                                 | 34  | 11 8      |          | 0 9     | 298       |        |
| Joists ...                                                                                                         | 20  | 13 6      |          | 1 6     | 405       |        |
| Rafters ...                                                                                                        | 28  | 11 6      |          | 1 1     | 349       |        |

## Detailed Quantities—cont.

| Description of Work.                                                 | No. | Length.      | Breadth. | Depth.  | Contents. | Total.   |
|----------------------------------------------------------------------|-----|--------------|----------|---------|-----------|----------|
| <i>Painting wood-work of roof with three coats of wood-oil—cont.</i> |     | FT. IN.      | FT. IN.  | FT. IN. |           |          |
| Collar pieces ...                                                    | 10  | 8 6          | ...      | 1 4     | 113       |          |
| Ridge ...                                                            | 1   | 19 6         | ...      | 1 5     | 28        |          |
| Verandah rafters ...                                                 | 47  | 11 3         | ...      | 0 11    | 1,002     |          |
| Small do. ...                                                        | 88  | 6 5          | ...      | 0 11    |           |          |
| Hip do. ...                                                          | 8   | 14 0         | ...      | 1 2     |           |          |
| Ridge ...                                                            | 2   | 11 0         | ...      | 1 1     | 131       |          |
| Wall plate ...                                                       | ... | 96 0         | ...      | 1 0     | 24        |          |
| Verandah joists ...                                                  | 62  | 9 6          | ...      | 0 11    | 96        |          |
| Do. do. ...                                                          | 7   | 6 0          | ...      | 0 11    | 578       |          |
| Square feet ...                                                      | ... | ...          | ...      | ...     | 7,264     |          |
| Squares ...                                                          | ... | ...          | ...      | ...     | ...       | 72.64    |
| <i>Laying zinc sheets to the valleys flashing.</i>                   |     |              |          |         |           |          |
| Verandah over entrance ...                                           | 4   | 14 0         | ...      | ...     | 56        |          |
| Do. near spiral ...                                                  | 1   | 10 0         | ...      | ...     | 10        |          |
| Over property-room ...                                               | 1   | 11 0         | ...      | ...     | 11        |          |
| Do. record-tower ...                                                 | 1   | 8 0          | ...      | ...     | 8         |          |
| Flashing over sloped verandah ...                                    | ... | 95 0         | ...      | ...     | 95        |          |
| Lineal feet ...                                                      | ... | ...          | ...      | ...     | 180       |          |
| Exterior ornamental mouldings for record tower.                      | ... | ...          | ...      | ...     | 48        | L. feet. |
| Exterior mouldings for turret ...                                    | ... | ...          | ...      | ...     | 30        | L. feet. |
| <i>Mouldings over windows and upper lights.</i>                      |     |              |          |         |           |          |
| Property-room, gable windows ...                                     | ... | ...          | ...      | ...     | 6         |          |
| Tower windows ...                                                    | ... | ...          | ...      | ...     | 16        |          |
| Do. upper ...                                                        | ... | ...          | ...      | ...     | 44        |          |
| Court upper lights ...                                               | ... | ...          | ...      | ...     | 18        |          |
| Lineal feet ...                                                      | ... | ...          | ...      | ...     | 84        |          |
| <i>Interior dental cornice.</i>                                      |     |              |          |         |           |          |
| Court ...                                                            | ... | ...          | ...      | ...     | 124       |          |
| Head clerk's room ...                                                | ... | ...          | ...      | ...     | 68        |          |
| Gumastah's room ...                                                  | ... | ...          | ...      | ...     | 96        |          |
| Passage ...                                                          | ... | ...          | ...      | ...     | 54        |          |
| Retiring room ...                                                    | ... | ...          | ...      | ...     | 72        |          |
| Lineal feet ...                                                      | ... | ...          | ...      | ...     | 414       |          |
| Interior plain cornice ...                                           | ... | ...          | ...      | ...     | 414       |          |
| Circular ornaments in court gables ...                               | ... | 6 in number. | ...      | ...     | ...       |          |
| Spiral stairs ...                                                    | ... | ...          | ...      | ...     | 28        | steps.   |
| Stone finial for turret ...                                          | ... | 1 in number. | ...      | ...     | ...       |          |

## ABSTRACT.

| Quantity.      | Item.                                                                    | Rate.     | Per | Amount.   |
|----------------|--------------------------------------------------------------------------|-----------|-----|-----------|
|                |                                                                          | RS. A. P. |     | RS. A. P. |
| 490 C. yds.    | Excavation for foundation ...                                            |           |     |           |
| 2,948 C. feet. | Concrete ...                                                             |           |     |           |
| 4,448 "        | Brickwork in foundations ...                                             |           |     |           |
| 1,669 "        | Do. in basement ...                                                      |           |     |           |
| 11,016 "       | Do. in superstructure ...                                                |           |     |           |
| 34 "           | Stonework under posts and trusses.                                       |           |     |           |
| 248 "          | Do. in steps, &c., if easily procurable.                                 |           |     |           |
| 236 "          | Segmental archwork ...                                                   |           |     |           |
| 63 "           | Semi-circular do. ...                                                    |           |     |           |
| 227 C. yds.    | Earth-filling in basement ...                                            |           |     |           |
| 1,103 C. feet. | Teakwood wrought and put up ...                                          |           |     |           |
| 672 Sq. feet.  | Venetian and panel doors with frames complete.                           |           |     |           |
| 18 "           | Batten doors with frames complete.                                       |           |     |           |
| 52 "           | Venetian windows with frames ...                                         |           |     |           |
| 84 "           | Windows with iron bars and glazed shutters including frames.             |           |     |           |
| 50 "           | Windows with frames and glazed shutters.                                 |           |     |           |
| 225 "          | Upper lights with frames and glazed shutters.                            |           |     |           |
| 561 lbs.       | Wrought iron in trusses, &c. ...                                         |           |     |           |
| 45.58 Sqrs.    | Flooring with 6" square pavement tiles.                                  |           |     |           |
| 64 "           | Tiling with flat and pan tiles, teak reapers and chunam bands ...        |           |     |           |
| 12 "           | Terracing ...                                                            |           |     |           |
| 1.14 "         | Do. roof of turret ...                                                   |           |     |           |
| 104.26 "       | Plastering interior walls ...                                            |           |     |           |
| 79.45 "        | Pointing exterior walls ...                                              |           |     |           |
| 5.64 "         | Lath and plaster ...                                                     |           |     |           |
| 61.17 "        | Painting doors and windows, &c., with three coats of Carson's oak color. |           |     |           |
| 72.64 "        | Painting woodwork of roof with three coats of wood oil.                  |           |     |           |
| 180 L. feet.   | Laying zinc sheets to the valleys of roof and flashing.                  |           |     |           |
| 48 "           | Exterior ornamental mouldings for record-tower.                          |           |     |           |
| 30 "           | Exterior ornamental mouldings for turret.                                |           |     |           |
| 84 "           | Exterior ornamental mouldings over windows and upper lights.             |           |     |           |
| 414 "          | Interior dental cornice ...                                              |           |     |           |
| 414 "          | Do. plain do. ...                                                        |           |     |           |
| 6 No.          | Circular ornaments over lights in court gables.                          |           |     |           |
| 28 steps.      | Spiral stairs ...                                                        |           |     |           |
| 1 No.          | Allow extra for finishing turret ...                                     |           |     |           |
| 2 "            | Stone finial for do. ...                                                 |           |     |           |
| 2 "            | Allow extra for finishing court gables.                                  |           |     |           |
| 2 "            | Allow extra for finishing record tower gables.                           |           |     |           |
| 2 "            | Allow extra for finishing end gables.                                    |           |     |           |

Abstract—cont.

| Quantity. | Item.                                                  | Rate.     | Per. | Amount.   |
|-----------|--------------------------------------------------------|-----------|------|-----------|
| 1 No.     | Allow extra for finishing property room gables.        | RS. A. P. |      | RS. A. P. |
| 2 „       | Allow extra for finishing court verandah gables.       |           |      |           |
| 47        | Allow extra for finishing brackets for verandah posts. |           |      |           |
| 2         | Allow extra for finishing bay windows.                 |           |      |           |
|           | Fittings for property room ...                         |           |      |           |
|           | Contingencies at 5 per cent. ...                       |           |      |           |
|           | Total ...                                              |           |      |           |

CHEPAUK,  
30th July 1879.

(Signed) R. CHISHOLM,  
Consng. Architect to Govt.

No. 32. ORDER THEREON, 6th September 1879, No. 2,294 W.

THE papers now submitted by the Consulting Architect comprise nine drawings, one specification and detail and abstract estimates for Sub-Judges' and District Munsiffs' Court-houses for which standard designs were sanctioned in G.O., No. 3,929 W, dated 9th October 1878.

2. The papers will be printed and circulated for the information of the Department.

3. The Consulting Architect will be informed that the alternative plans for terrace-roofed buildings should be treated in a similar manner.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,  
Secretary to Govt., P.W.D.

To Superintending Engineers.  
To the Consulting Architect.  
„ Judicial Department.

Exd. S. T. Austin.  
Spare Copies

BUILDINGS AND ROADS.  
CIVIL WORKS.

Govt. of {1879} Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated September 6th.

Issued

Recd.

Encl.

G. O., 6th September 1879, No. 2,294 W.

SEPTEMBER.

Nos. 31-32.

*Sub-Judges' and District Munsiffs' Court-houses.*—The plans, specification and estimate forwarded by the Consulting Architect for — to be printed and circulated for the information of the Department.

25TH JANUARY 1883, No. 202, JUDICIAL.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers:—

From T. WEIR, Esq., Registrar of the High Court of Judicature at Madras, Appellate Side, to the Chief Secretary to Government, dated Madras, 23rd November 1882, No. 2833.

I am directed to forward to Government the accompanying letter, dated 13th November 1882, No. 415, from the District Judge of Madura, in which Mr. Hutchins requests the orders of the High Court as to whether the Court of the District Munsif of Sivaganga should be permanently located at Māna Madura, its present station, or removed to the station of Sivaganga.

2. Mr. Hutchins' letter states very clearly the circumstances under which the District Munsif's Court was removed from Sivaganga to its present station, and also the arguments for and against the proposed transfer.

3. The High Court is of opinion that on the whole the preferable course will be to transfer the District Munsif to Sivaganga and to erect a building for the Court-house at that station. The only substantial difficulty seems to be the deficient water-supply in the hot season, and I am accordingly to inquire if any steps can be taken through the District Executive to remove this defect, and if so, whether the Government will be pleased to sanction the construction of a new Court-house at the station of Sivaganga.

From C. S. CROLE, Esq., Acting Collector of Madura, to the Chief Secretary to Government, dated 10th January 1883, No. 39.

In returning the papers received with reference on No. 3912 of 1882, I have the honor to report that the drinking water-supply of Sivaganga is not bad, though, no doubt, it is not first rate.

2. There are twelve Uranis (ponds) and forty-one wells open to public use. All the Uranis, and 50 per cent. of the wells, are reported to contain good drinking water. But the ponds are said to run dry for a part of the hot season, while the majority of the wells serve as perennial sources of supply.

3. I therefore consider that, if the Uranis are improved, and a few more wells are sunk, the difficulty now said to be experienced by the people on account of deficient water-supply will be obviated.

ORDER—dated 25th January 1883, No. 202, Judicial.

The Collector's letter on the water-supply of Sivaganga will be communicated to the Honorable the Judges of the High Court. Measures to improve the supply can be considered after the removal of the Munsif's Court to that station is decided on.

2. The construction of the Munsif's Court-house at Sivaganga and his transfer to that station on the completion of the building is sanctioned.

(True Extract.)

C. G. MASTER,  
*Chief Secretary.*

To the Honorable the Judges of the High Court, with enclosures and covering letter.  
" Public Works Department.  
" Collector of Madura.

*P. W. Depto*  
Govt. of (1883) Madras.

JUDICIAL.

Issued

Recd.

Encl.

G.O., 25th January 1883, No. 202.

JANUARY.. *Feb*

*No 356 May 1 Jan 1883.*

*Communicated*

*to the Supg Engineer, District Circle*

*per J. D. W.*

District Munsifs' Courts.

Communicating to the High Court letter from the Collector of Madura on the water-supply of Sivaganga, and sanctioning the construction of the Munsif's Court-house at Sivaganga and the transfer of the Munsif to that station on the completion of the building.

*To the Supg Engineer, District Circle*

25TH JANUARY 1883, No. 202, JUDICIAL.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers :—

From T. WEIR, Esq., Registrar of the High Court of Judicature at Madras, Appellate Side, to the Chief Secretary to Government, dated Madras, 23rd November 1882, No. 2833.

I am directed to forward to Government the accompanying letter, dated 13th November 1882, No. 415, from the District Judge of Madura, in which Mr. Hutchins requests the orders of the High Court as to whether the Court of the District Munsif of Sivaganga should be permanently located at Māna Madura, its present station, or removed to the station of Sivaganga.

2. Mr. Hutchins' letter states very clearly the circumstances under which the District Munsif's Court was removed from Sivaganga to its present station, and also the arguments for and against the proposed transfer.

3. The High Court is of opinion that on the whole the preferable course will be to transfer the District Munsif to Sivaganga and to erect a building for the Court-house at that station. The only substantial difficulty seems to be the deficient water-supply in the hot season, and I am accordingly to inquire if any steps can be taken through the District Executive to remove this defect, and if so, whether the Government will be pleased to sanction the construction of a new Court-house at the station of Sivaganga.

From C. S. CROLE, Esq., Acting Collector of Madura, to the Chief Secretary to Government, dated 10th January 1883, No. 39.

In returning the papers received with reference on No. 3912 of 1882, I have the honor to report that the drinking water-supply of Sivaganga is not bad, though, no doubt, it is not first rate.

2. There are twelve Uranis (ponds) and forty-one wells open to public use. All the Uranis, and 50 per cent. of the wells, are reported to contain good drinking water. But the ponds are said to run dry for a part of the hot season, while the majority of the wells serve as perennial sources of supply.

3. I therefore consider that, if the Uranis are improved, and a few more wells are sunk, the difficulty now said to be experienced by the people on account of deficient water-supply will be obviated.

ORDER—dated 25th January 1883; No. 202, Judicial.

The Collector's letter on the water-supply of Sivaganga will be communicated to the Honorable the Judges of the High Court. Measures to improve the supply can be considered after the removal of the Munsif's Court to that station is decided on.

2. The construction of the Munsif's Court-house at Sivaganga and his transfer to that station on the completion of the building is sanctioned.

(True Extract.)

C. G. MASTER,  
*Chief Secretary.*

To the Honorable the Judges of the High Court, with enclosures and covering letter.  
" Public Works Department.  
" Collector of Madura.

*P.W. Dept*

Govt. of (1883) Madras.

JUDICIAL.

Issued

Recd.

Encl.

G.O., 25th January 1883, No. 202.

JANUARY.

*No 356 8th Jan 1883*

*Communicated  
to the Super Engineer Circle*

*Circle*

*per J. G. 25/1*

District Munsifs' Courts.

Communicating to the High Court letter from the Collector of Madura on the water-supply of Sivaganga, and sanctioning the construction of the Munsif's Court-house at Sivaganga and the transfer of the Munsif to that station on the completion of the building.

*To  
The Super Engineer, Sivaganga Circle.*

25TH JANUARY 1883, No. 202, JUDICIAL.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following papers :—

From T. WEIR, Esq., Registrar of the High Court of Judicature at Madras, Appellate Side, to the Chief Secretary to Government, dated Madras, 23rd November 1882, No. 2833.

I am directed to forward to Government the accompanying letter, dated 13th November 1882, No. 415, from the District Judge of Madura, in which Mr. Hutchins requests the orders of the High Court as to whether the Court of the District Munsif of Sivaganga should be permanently located at Māna Madura, its present station, or removed to the station of Sivaganga.

2. Mr. Hutchins' letter states very clearly the circumstances under which the District Munsif's Court was removed from Sivaganga to its present station, and also the arguments for and against the proposed transfer.

3. The High Court is of opinion that on the whole the preferable course will be to transfer the District Munsif to Sivaganga and to erect a building for the Court-house at that station. The only substantial difficulty seems to be the deficient water-supply in the hot season, and I am accordingly to inquire if any steps can be taken through the District Executive to remove this defect, and if so, whether the Government will be pleased to sanction the construction of a new Court-house at the station of Sivaganga.

From C. S. CROLE, Esq., Acting Collector of Madura, to the Chief Secretary to Government, dated 10th January 1883, No. 39.

In returning the papers received with reference on No. 3912 of 1882, I have the honor to report that the drinking water-supply of Sivaganga is not bad, though, no doubt, it is not first rate.

2. There are twelve Uranis (ponds) and forty-one wells open to public use. All the Uranis, and 50 per cent. of the wells, are reported to contain good drinking water. But the ponds are said to run dry for a part of the hot season, while the majority of the wells serve as perennial sources of supply.

3. I therefore consider that, if the Uranis are improved, and a few more wells are sunk, the difficulty now said to be experienced by the people on account of deficient water-supply will be obviated.

ORDER—dated 25th January 1883, No. 202, Judicial.

The Collector's letter on the water-supply of Sivaganga will be communicated to the Honorable the Judges of the High Court. Measures to improve the supply can be considered after the removal of the Munsif's Court to that station is decided on.

2. The construction of the Munsif's Court-house at Sivaganga and his transfer to that station on the completion of the building is sanctioned.

(True Extract.)

*W. A. T. S.*

• Chief Secretary.

To the Honorable the Judges of the High Court, with enclosures and covering letter.  
„ Public Works Department.  
„ Collector of Madura.

Ed. J. Wright.

1883/1  
Govt. of (1883) Madras.

JUDICIAL.

No 356 Wd 1<sup>st</sup> Feb 83  
Communicated  
to the Superintendant  
Santa Circle.

D. 29

Issued

Recd. 30/1/83

Encl.

G.O., 25th January 1883, No. 202.

JANUARY.

B. No 356 Wd 1<sup>st</sup> Feb 83

District Munsifs' Courts.

Communicating to the High Court letter from the Collector of Madura on the water-supply of Sivaganga, and sanctioning the construction of the Munsif's Court-house at Sivaganga and the transfer of the Munsif to that station on the completion of the building.

To the Superintendant Santa Circle

1883/1  
J. 29  
J. 29  
J. 29

W. 29