(1) பக்கங்களின் எண்ணிக்கை 32

(2) புதுக்கித் திருப்பிய நாள் 1-90.

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

Pw துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	2534 ம	அச்சகம் பலவகை
நாள் :	24.9.1990	198 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண, கா-1—18,006—15-6-87.

புதுப்புனை

1/2534

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From M.R.Ry. S. SRINIVASA RAGHAVAIYANGAR, Avergal, Dewan Bahadur, Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 14th January 1890, G. No. 241.

I have the honor to bring to the notice of Government that the standard design for a Sub-Registrar's office sanctioned in G.O., dated 21st July 1888, No. 2230 W., does not provide sufficient accommodation for the clerks employed in the larger offices and consequently requires modification.

2. The design provides for the Sub-Registrar and clerks a room measuring 25′ 6″ by 12′, of which 12′ × 9·6′ is occupied by the dais on which the Sub-Registrar sits, 12′ × 6′ by the entrance into the office and the passage to the record-room, and 12′ × 10′ the space allotted to the clerks.

3. The clerks in most of the offices have been provided with chairs and tables of the dimensions noted in the margin. It will thus be seen that the space allotted to the clerks can barely hold four and conveniently hold only three tables and an equal number of chairs.

Tables, $3\frac{1}{2} \times 2\frac{1}{4}$. Chairs, 2×2.

4. In some of the offices registration work has so increased that five and six clerks are now employed. The Chidambaram Sub-Registrar's office, for which the Government has sanctioned the construction of a new building in G.O., dated 22nd September 1887, No. 2186, Judicial, is a case in point. There are five clerks permanently and one clerk temporarily employed in this office, and the Registrar has represented to me the utter inadequacy of the accommodation provided in the standard plan in accordance with which the Superintending Engineer has framed his estimates for the building.

5. In these circumstances, I beg to recommend that the standard design be adopted for all offices in which not more than three clerks are or are likely to be employed, and that for all larger offices the standard plan be enlarged so as to provide more space for the clerical establishment. Space of the dimensions 18′ × 10′ will probably be sufficient.

R. No. 143, Judicial.

Approved and transferred to the Public Works Department for the necessary action.

(Signed) A. G. CARDEW,
Under-Secretary.

3rd February 1890.

Memo. No. 372 C.

With reference to the Proceedings marginally noted, the undersigned has the honor to inquire whether it is desired in the Judicial Department that a revised type design should be issued for Registrars' offices.

No. 1333 W., dated 7th May 1888.
No. 2230 W., „ 21st July „

2. This inquiry is made with reference to the proposed new office for the Registrar at Masulipatam, an estimate for which, amounting to Rs. 6,540, was sanctioned in G.O., No. 1108 W., dated 11th May 1885. The plan sanctioned in that Government Order was drawn upon the lines of the type design issued with G.O., No. 120 W., dated 14th January 1882, and funds for the work have been provided in the Provincial budgets of the current year and of 1890-91, but the building has not yet been commenced because the Superintending Engineer considered that a revised type design would be issued in accordance with the terms of G.O., No. 1333 W., dated 7th May 1888.

3. The standard plans for Sub-Registrars' offices circulated with G.O., No. 120 W., dated 14th January 1882, have been superseded by the designs issued with G.O., No. 2230 W., dated 21st July 1888, but no new designs for Registrars' offices have been drawn up as it was thought that the type designs for Sub-Registrars' offices issued with the last quoted Government Order would meet all requirements.

4. Orders are now requested whether the construction of the office for the Registrar of Masulipatam may be proceeded with on the plan and estimate sanctioned in May 1885, or whether the design should be revised; if the latter, whether the standard plan issued with G.O., No. 2230 W., dated 21st July 1888, would be suitable, or whether a revised design providing for a larger building for Registrars' offices is required. There are no other sanctioned estimates for Registrars' offices now before the Public Works Department.

5. Copies of G.Os., Nos. 120 W. of 1882 and 2230 W. of 1888 and of the type designs therein referred to are enclosed for reference.

21st January 1890. (Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

G.O., dated 17th July 1890, No. 1190, Judicial.

Read—memorandum from the Public Works Department, dated 21st January 1890, No. 372 C., regarding the construction of a Registrar's office at Masulipatam.

Read—the following letter from the Inspector-General of Registration, Madras, dated 3rd July 1890, T. No. 2559.

With reference to the endorsement of Government, dated 31st January 1890, on a memorandum from the Secretary to Government, Public Works Department, dated the 21st idem, No. 372 C., referring for my opinion certain plans for the construction of an office at Masulipatam for the District Registrar of Kistna, I beg to state that, under the proposal to construct central record-rooms in each district, for securing the records of the Sub-Registry offices, larger accommodation will have to be provided for the District Registrars' offices than is provided in the sanctioned design; and the design itself may have to be altered. I therefore request that, pending the disposal of the proposal above mentioned, the construction of an office for the District Registrar of Kistna may be deferred for the present.

Order—dated 17th July 1890, No. 1190, Judicial.

The Inspector-General's letter will be communicated to the Public Works Department.

(True Extract.)

(Signed) J. F. PRICE,
Chief Secretary.

Order—dated 11th August 1890, No. 2177 W., Public Works.

The construction of an office at Masulipatam for the Registrar of Kistna will accordingly be held in abeyance. The grant of Rs. 6,540 provided for the work in

the current year's Provincial budget is resumed and added to the reserve with the Government.

2. The Consulting Architect will, in communication with the Inspector-General of Registration, prepare revised type designs for the larger class of Sub-Registrars' offices and for District Registrars' offices.

(True Extract.)

(Signed) J. PENNYCUICK, Colonel., R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, II Circle.
To other Superintending Engineers for information.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Judicial Department.

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated August, 11th.

Read. *Encl.*

G.O., 11th Aug. 1890, No. 2177 W.

AUGUST.

Registrar's Office, Masulipatam

Directing the construction of the — to be held in abeyance pending the preparation of revised type designs for larger class of Sub-Registrars' and District Registrars' offices.

3/2554

21st July 1888, No. 2230 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

From J. W. BRASSINGTON, Esq., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 8th June 1888, No. 414.

With reference to the orders of Government marginally noted, I have the honor to submit revised standard designs for Sub-Registrars' offices, with tiled roof and terraced roof, with specifications and schedules of quantities.

G.O. No. 879 W., dated 16th March 1888.
„ „ 1333 W., „ 7th May „

No. 334 D.

Forwarded for the approval of Government in the Judicial Department.

Ootacamund,
16th June 1888.

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

Referred to the Inspector-General of Registration for remarks.

(By Order.)

(Signed) A. G. CARDEW,
Ag. Under-Secretary.

22nd June 1888.

From G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 28th June 1888, G. No. 2700.

With reference to endorsement, Judicial, (returned with plans and papers), dated the 22nd June 1888, on a letter from the Consulting Architect to the Government, submitting revised designs for Sub-Registry offices with tiled roof and terraced roof, I have the honor to state that the accommodation provided in the revised design is precisely the same as that provided in the design sanctioned in 1885, and that so far as departmental needs are concerned, I have no remarks to make.

2. As regards artistic appearances, I am no judge, but I should not omit to mention, for the information of the Government, that in the tiled roof design the "dormer" has been omitted, apparently because it was difficult to build, and still more difficult to keep from leaking.

3. The terraced roof design is about the same. It is to be hoped that wherever this design is adopted by the Public Works Department, the terrace will be carefully and substantially built to prevent it from leaking.

4. The estimate for the two designs does not make provision for any lightning conductors. They may, or may not, be required in some places.

Transferred to the Public Works Department with papers received under endorsement No. 334 D., dated 16th June 1888, returned, and with an intimation that Government in this department approve of the revised type-designs.

(By Order.)

(Signed) A. G. CARDEW,
Ag. Under-Secretary.

7th July 1888.

Order—dated 21st July 1888, No. 2230 W., Public Works.

The revised type-designs, with descriptive specifications and estimates of quantities for Sub-Registrars' offices will be circulated to officers of the Public Works Department in supersession of previous type-designs for similar buildings.

2. Lightning conductors are not considered necessary for these buildings.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Judicial Department.

Exd. F. R. Bantleman.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated July, 21*st.*

Recd. *Encl.*

G.O., 21st July 1888, No. 2230 W.

JULY.

Type-designs

Circulating the revised — with descriptive specifications and estimates of quantities for Sub-Registrars' offices in supersession of previous type-designs.

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BOARD OF REVENUE (LAND REVENUE), 18TH AUGUST 1890, No. 522.

PROCEEDINGS OF THE BOARD OF REVENUE
(LAND REVENUE).

MR. H. W. BLISS.

READ—the following letter from G. W. FAWCETT, Esq., Acting Collector of Trichinopoly, to the Secretary to the Commissioners of Land Revenue, dated Trichinopoly, 28th April 1890, No. 163-4 :—

I have the honor to report that new Taluk Cutcherries according to the standard plan are badly wanted at Musiri and Udayárpálaiyam. The present buildings are merely ordinary houses, altogether unsuited to modern requirements. I have asked the Executive Engineer to prepare estimates. He informs me that the cost will be approximately Rs. 24,000 for each cutcherry.

2. A new cutcherry for the Head Assistant Collector at Musiri is also a desideratum. The need is not so great as in the case of the Taluk Cutcherries; but the present building is undoubtedly too small. Head Assistant Collectors' establishments have been recently increased. I understand that the Sub-Registrar wants a new office at Musiri. If a new cutcherry is built for the Head Assistant Collector, the old one can be handed over to the Sub-Registrar. I have asked the Executive Engineer to prepare an estimate for this also. The approximate cost will be Rs. 12,000.

3. The total cost of the three works will be about Rs. 60,000. I request that the Board will be pleased to move Government to allot funds for their early completion.

READ—the following letter from G. W. FAWCETT, Esq., Acting Collector of Trichinopoly, to the Secretary to the Commissioners of Land Revenue, dated Trichinopoly, 29th April 1890, No. 167-4 :—

I have the honor to report, in continuation of my letter, No. 163-4, dated 28th April 1890, that I have since learnt from the Executive Engineer that the approximate cost of a Taluk Cutcherry is Rs. 26,000 and of a Head Assistant Collector's office Rs. 16,000. I request, therefore, that the Board will be pleased to move Government to allot Rs. 68,000 instead of Rs. 60,000 asked for in my letter just quoted.

Reference on the above, dated 13th May 1890.

The Collector must give in much greater detail his reasons for requiring these buildings before Government can be addressed. A plan to scale should be forwarded of each building. It should be stated if they are Government property, and, if so, whether they cannot be enlarged and improved, and if not, how it is proposed to dispose of them, and where it is intended to build the new buildings, whether land will have to be purchased or is available without purchase. The date on which each of the buildings now in use was constructed should be given and a statement about its present condition. It is not sufficient to report that an office is somewhat small. It may be possible to add a room to it at a small expense and avoid the necessity of a new building.

(Signed) M. HAMMICK,
Secretary.

To the Collector of Trichinopoly.

READ—the following letter from G. W. FAWCETT, Esq., Acting Collector of Trichinopoly, to the Secretary to the Commissioners of Land Revenue, dated Kannanur, 4th August 1890, No. 332-4 :—

I have the honor to reply to Board's Reference on General Register Nos. 1481 and 1489 of 1890, dated the 13th May 1890, calling for further information as to my proposal to build Taluk Cutcherries at Musiri and Jeyamkondasholapuram and a new Head Assistant Collector's Cutcherry at Musiri.

2. I can only deal with the Musiri Taluk Cutcherry and the Head Assistant Collector's Cutcherry at present. Information has not yet been received about the Udayárpálaiyam Taluk Cutcherry. I shall send it when received.

3. I forward plans to scale of the Musiri Taluk Cutcherry and of the Head Assistant Collector's Cutcherry.

4. Both the buildings in Musiri are Government property. The Taluk Cutcherry could not possibly by any means be made to suit modern requirements. It is a native house of the ordinary pattern, an open space in the middle with verandahs all round, in which the whole Taluk establishment sits, the Tahsildar in one part, the Taluk Sheristadar in another and the gumastahs here and there; when both the Tahsildar and the Sheristadar are trying magisterial cases the result must be very confusing. It is in fact exactly the old style of cutcherry—and not a good specimen of that—that has gradually been replaced all over the Presidency by buildings of the new pattern. The Head Assistant Collector's Cutcherry could easily be improved by the addition of another clerks' room—the room marked in the plan as a clerks' room is really only a verandah closed in;—and the only reason for my proposal to build a new one is that the present building will suit the Sub-Registrar for whom it has been decided, I understand, to build an office. If the cost of a new Sub-Registrar's office *plus* the additional room to the Head Assistant Collector's office would be less than a new Head Assistant Collector's office, my proposal may be modified accordingly; but if not, it will be better to build a new Head Assistant Collector's office.

5. The Musiri Taluk Cutcherry can be sold by auction. The Executive Engineer informs me that it is valued at Rs. 4,330. The Tahsildar thinks it will fetch Rs. 4,000 with the compound. There is a great demand for housesite in Musiri, and it will at all events fetch a fair price. It is right in the centre of the town.

6. Poramboke land is available in Musiri for both the Taluk Cutcherry and the Head Assistant Collector's Cutcherry.

7. The Musiri Taluk Cutcherry was built in 1839, and the sub-jail attached to it in 1872. The Head Assistant Collector's Cutcherry was the old traveller's bungalow. I cannot ascertain the date of construction. Both buildings are in good condition.

ENCLOSURES NOS. 1 TO 3.—Plans.

RESOLUTION—dated 18th August 1890, No. 522.

The papers read above will be submitted for the orders of Government.

2. In these papers, the Collector, among other things, reports that a new Taluk office is badly wanted at Musiri, the present building being of the old pattern and consequently unsuited to modern requirements; that the approximate cost of the new will probably realize Rupees 4,000. The additional amount required is therefore Rs. 22,000. The Board requests that sanction may be granted for building a new Taluk office at an early date. An inspection of the plan of the existing building will show that a new one is wanted.

3. The Collector also reports that there is not sufficient accommodation for the clerks in the present Head Assistant Collector's office at Musiri, and therefore proposes that either a new room be added to the existing building or an altogether new office be built. It appears that a new Sub-Registrar's office has been sanctioned for

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Musiri, and the Collector thinks that the present Head Assistant's office may be transferred to the Sub-Registrar, if the cost of his new office *plus* that of the proposed room to the Head Assistant's office be more or less equal to that of the new Head Assistant's office. The Board agrees with the Collector, and requests him to ascertain and report the cost involved in the arrangement. If there is no increase or only a slight increase of expense by handing over the present building to the Sub-Registrar and building a new one for the Head Assistant Collector, the Board would request Government to sanction a new building: if not, the Collector will report whether it will not be possible to unite the record-room and clerks' room on the north to the main building by the erection of a single room as shown in pencil.

4. This new room would hold all the clerks, and the old records which are now in an isolated building to the east could then be shifted into the present clerks' room on the north, and the verandah on the east, which is now occupied by certain clerks, could be turned into a tiffin and retiring room for the Head Assistant Collector. The western verandah could be continued to the north to provide waiting accommodation for the police and for petitioners.

5. If the Collector approves of this, he should request the Public Works Department to prepare the necessary estimates.

(True Copies and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

To the Secretary to Government, Revenue Department,
with plan of the Musiri Taluk office and
survey plan (to be returned).

„ Collector of Trichinopoly, with plan of
Head Assistant Collector's office.

Exd. W. J. Lewis.

REVENUE DEPARTMENT.

1890.

Board of Revenue

(Land Revenue),

MADRAS.

Printed August 30th.

Proceedings, 18*th August* 1890, *No.* 522.

Submitting, for the orders of Government, with Board's remarks, Collector's proposal to build a *Head Assistant Collector's office* and a new *Taluq office at Musiri* in Trichinopoly district.

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ANNEXURE.

Revised standard design for a Sub-Registrar's office with terraced roofing.

Descriptive Specification.

Foundations.—A depth of 4 feet is provided in the estimate, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be carried up in English bond two bricks thick, verandah wall one brick thick.

Stone-work.—The stone-slabs under verandah posts should measure $10\frac{1}{2}'' \times 10\frac{1}{2}'' \times 6''$ with mortice holes 2″ square and 2″ deep, into which the posts will be tennoned. The steps may also be of stone-slabs, if easily procurable.

Wood-work.—The verandah posts, bressummers and joists should be of Burma or Indian teakwood, well seasoned.

Doors.—Provide a venetian and panel door for the entrance and a strong battened door for the record room (according to the detail shown in the plan for tiled roofing), both doors to be provided with a good Europe rim lock.

Windows.—Venetian windows to be provided for the office and windows with glazed inner shutters, battened outer shutters and iron bars, $\frac{3}{4}$ inch square, set diagonally, for the record room. The sills of all windows should slope outwards with a small opening under the frame to allow water to flow out. All doors and windows to be provided with strong iron bolts and hinges and hooks for fastening when opened, and the venetians to have wooden buttons for securing when closed.

Sun-shades.—Sun-shades to be provided for each of the end windows of the office.

Roofing.—The roofing of the office and record room will be of "pucka terracing," care being taken that proper slopes are made for drainage towards the weep-holes, which will have shoots made with redwood or teakwood projecting at least 2 feet from the face of the wall. The verandah roof will be of Bengal terrace or of Mangalore tiles, where they are easily obtainable.

Flooring.—The floor may be of square bricks or stone-slabs, if the latter are easily procurable. The record room should be floored with asphalte, $\frac{3}{4}$ inch thick.

Interior and exterior finishing.—The interior of the building should be plastered and rubbed smooth or plastered and whitewashed. Where good bricks or stone is available, the exterior should be pointed, otherwise plastered.

If the soil is damp, river sand to a depth of 1 foot at least should be laid below the flooring, and the interior walls to a depth of about 3 feet all round plastered with Portland cement half an inch thick. The exterior plinth should also be plastered with cement.

Painting.—The roof timbers, sun-shades, doors and windows to be painted with three coats of Carson's oak paint.

Ventilation.—Holes to be left between the joists measuring 4″ × 6″ sloping outwards and closed with wire-netting of $\frac{3}{4}$ inch mesh to prevent birds and bats entering.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

Detail measurements.

Detail of work.	Number.	Measurements in feet.			Area of contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
Excavation for foundations—		ft. in.	ft. in.	ft. in.		
Outer walls	...	108 0	3 6	4 0	} 1,855	
Cross wall	1	24 6	3 6	4 0		
Verandah wall	...	35 6	2 4½	4 0	337	
Steps	...	12 0	3 6	1 0	42	
					C. feet.	2,234

Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Earth filling in basement—						
Record room	1	25 6	12 0	1 6	747	
Clerks' do.	1	16 0	12 0	1 6		
Registrar's room	1	9 6	12 0	2 6	285	
Verandah	1	24 6	5 9	1 6	211	
					C. feet.	1,243
Concrete—						
Outer walls...		108 0	3 6	1 6	696	
Cross wall	1	24 6	3 6	1 6	126	
Verandah wall		35 6	2 4½	1 6	42	
Steps		12 0	3 6	1 0		
					C. feet.	864
Brick-work in foundations and basement—						
Outer walls footing course		108 0	2 7½	1 6	522	
Cross wall do.		24 5½	2 7½	1 6	82	
Verandah wall do.		36 5½	1 6	1 6		
Outer wall above footing course... ...		108 0	1 10½	3 0	749	
Cross wall do.		25 1½	1 10½	3 0		
Verandah wall do.		37 1½	0 9	3 0	84	
Steps do.	1	7 6	1 0	0 6	4	
Do. do.	1	9 6	2 0	0 6	10	
Do. do.	1	11 6	3 0	0 6	17	
					C. feet.	1,468
Brick-work in superstructure—						
Outer walls		108 0	1 6	13 0	2,106	
Cross wall	1	25 6	1 6	13 9	526	
Parapet		109 6	1 1½	1 0	123	
Coping		117 0	0 9	0 9	66	
						2,821
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	8	3 6	1 6	5 0	210	
Arch-work as per details		...	...	...	86	
						392
					C. feet.	2,429
Arch-work over doors and windows—						
Over doors	2	5 6	1 6	1 1½	86	C. feet.
Windows	8	5 0	1 6	1 1½		
Stone-work—						
Under posts	4	0 10½	0 10½	0 6	2	C. feet.
Teakwood wrought and put up—						
Joists	42	13 6	0 3	0 7	83	
Verandah posts	4	0 6	0 6	7 6	8	
Do. bressummers	1	28 0	0 6	0 6	7	
Do. rafters	22	8 6	0 3	0 4	16	

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Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Teakwood wrought and put up—*cont.*						
Verandah pieces at ends	2	7 0	0 3	0 4	1	
Do. planks at ends ...	2	7 0	0 1	1 6	2	
Railing in clerks' room—						
Hand rail	1	9 6	0 3	0 2½	1	
Bottom piece	1	9 6	0 3	0 2½		
Uprights	17	3 0	0 1½	0 1½	1	
Do. at end	1	3 6	0 3	0 3		
					C. feet.	119
Venetian and panel door with frames, &c., complete	1	4 0	...	8 0	32	S. feet.
Batten door with frames complete ...	1	4 0	...	8 0	32	S. feet.
Venetian windows with frames complete—						
For office	2	3 6	...	5 0	35	S. feet.
Venetian windows with frames and glazed inner shutters complete ...	2	3 6	...	5 0	35	S. feet.
Batten windows with frames, iron bars ¾" square and inner glazed shutters complete—						
For record room	4	3 6	...	5 0	70	S. feet.
Galvanised iron wire-netting to cover holes between joists...	40	0 6	...	0 8	13	S. feet.
Sun-shades complete		2 in number.				
Terrace roofing—						
For office and record room ...	1	27 0	...	27 0	729	S. feet.
					Squares.	7·29
Bengal terrace—						
For verandah	1	27 6	...	8 0	220	S. feet.
					Squares.	2·20
Plastering with chunam interior walls—						
Office and record room	2	75 0	...	9 0	1,350	
Door jambs	2	14 0	...	1 6	42	
Window jambs	8	17 0	...	1 6	204	
Top of parapet		109 0	...	1 3	136	
Inside of parapet		104 0	...	1 0	104	
						1,836
Deductions—						
Doors	3	4 0	...	5 0	60	
Windows	8	3 6	...	5 0	140	
						200
					S. feet.	1,636
					Squares.	16·36
Plastering with Portland cement ½ an inch thick—						
Office and record room	2	75 0	...	3 0	450	
Plinth exterior		128 0	...	2 3	288	

Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Plastering with Portland cement ½ an inch thick—*cont.*						
Sides of steps	2	2 0	...	1 6	6	
Door jambs	2	6 0	...	1 6	18	762
Deduct—						
Doors	3	4 0	...	3 0	...	36
					S. feet.	726
					Squares.	7·26
Pointing exterior—						
Walls		114 0	...	15 6	...	1,767
Deduct—						
Door	1	4 0	...	8 0	32	
Windows	8	3 6	...	5 0	140	172
					S. feet.	1,595
					Squares.	15·95
Flooring with 8 inches square bricks—						
Office	1	25 6	...	12 0	306	
Door piece	1	4 0	...	1 6	6	
Verandah	1	26 0	...	6 6	169	
Steps	1	11 6	...	3 0	35	
					S. feet.	516
					Squares.	5·16
Flooring with asphalte ¾ inch thick over a bed of concrete 4 inches thick—						
Record room	1	25 6	...	12 0	306	
Door piece	1	4 0	...	1 0	4	
					S. feet.	310
					Squares.	3·10
Painting with three coats—						
Joists	42	13 6	...	1 5	803	
Verandah posts	4	2 0	...	7 6	60	
Bressummers	1	27 6	...	2 0	55	
Rafters	22	8 6	...	1 3	234	
Planking at ends	2	7 0	...	3 0	42	
Railing	1	18 0	...	3 0	54	
Venetian and panel door ...	3	4 0	...	8 0	96	
Batten door	2	4 0	...	8 0	64	
Venetian windows ... 4 ×	2	3 6	...	5 0	140	
Do. with glazed shutters 5 ×	2	3 6	...	5 0	175	
Batten windows with glazed shutters and iron bars ... 4 ×	4	3 6	...	5 0	280	
Sun-shades	4	5 0	...	5 0	100	
Do.	2	2 0	...	2 0	8	
					S. feet.	2,111
					Squares.	21·11

9/2534

ABSTRACT.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		Rs.		Rs.	Rs.
2,234 C. feet.	Excavation for foundations ...		1,000 C. ft.		
1,243 „	Earth filling in basement		„		
864 „	Concrete in foundations		100 C. ft.		
1,468 „	Brick-work in foundations and basement		„		
2,429 „	Brick-work in superstructure ...		„		
86 „	Arch-work		„		
2 „	Stone-work under posts		C. ft.		
119 „	Teakwood wrought and put up ...		„		
32 Sq. ft.	Venetian and panel door with frames, hooks and rim lock, complete		Sq. ft.		
32 „	Batten door do do. ...		„		
25 „	Venetian windows with frames, hooks, &c., complete		„		
35 „	Venetian windows with frames and glazed inner shutters, hooks, &c., complete		„		
70 „	Battened windows with frames, iron bars and inner glazed shutters, hooks, &c., complete		„		
13 „	Galvanised iron wire-netting ...		„		
2 No.	Sun-shades		Each.		
7·29 Sqs.	Terrace roofing		Square.		
2·20 „	Bengal terrace		„		
16·36 „	Plastering interior walls with two coats of chunam		„		
7·26 „	Plastering with Portland cement ½ an inch thick		Square.		
15·95 „	Pointing exterior walls		„		
5·16 „	Flooring with 8 inches square bricks laid in mortar over a levelling course of wall bricks		„		
3·10 „	Flooring with asphalte ¾ inch thick over a bed of concrete 4 inches thick		„		
21·11 „	Painting with three coats of Carson's paint		„		
	Petty supervision at 2½ per cent. Contingencies at 5 per cent. ...		„		
	Grand Total of estimate ...				

Madras,
8th June 1888.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

Revised standard design for a Sub-Registrar's office with tiled roofing.

Descriptive Specification.

Foundations.—A depth of 4 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be carried up in English bond 2 bricks thick, verandah wall 1 brick thick.

Stone-work.—The stone-slabs under verandah posts should be 10½″ × 10½″ × 6″ with mortice holes 2 inches square and 2 inches deep into which the posts will be tennoned. The steps may also be of stone-slabs if easily procurable.

Wood-work.—The verandah posts should be of Burma or Indian teakwood, well seasoned. The rafters and other roof timbers may be of approved country wood.

Doors.—Provide a venetian and panel door for the entrance and a strong battened door for the record room, both doors to be provided with a good Europe rim lock.

Windows.—Venetian windows to be provided for the office, and windows with glazed inner shutters, battened outer shutters, and iron bars ¾ inch square set diagonally for the record room. The sills of all windows should slope outwards with a small opening under the frame to allow water to flow out. All doors and windows to be provided with strong iron bolts and hinges and hooks for fastening when opened and the venetians to have wooden buttons for securing when closed.

Sun-shades.—Sun-shades to be provided for each of the end windows of the office.

Roofing.—The roof will be of the usual flat and pan-tiles or Mangalore tiles; in the latter case, the rafters should be spaced about 2′ 6″ apart centre to centre and a ceiling of ½ inch planking provided.

Flooring.—The floor may be of square bricks or stone-slabs if the latter are easily procurable. The record room should be floored with asphalte ¾ inch thick.

Interior and exterior finishing.—The interior of the building should be plastered and rubbed smooth or plastered and whitewashed. Where good bricks or stone is obtained, the exterior should be pointed, otherwise plastered.

If the soil is damp, river sand to a depth of 1 foot at least should be laid below the flooring, and the interior walls to a depth of about 3 feet all round plastered with Portland cement half an inch thick. The exterior plinth should also be plastered with cement.

Painting.—The roof timbers, sun-shades, doors and windows to be painted with three coats of Carson's oak paint.

Ventilation.—For ventilation, the spaces between the rafters measuring about 15″ × 6″ and sloping outwards may be left open and galvanised iron wire-netting of ¾ inch mesh nailed in between to prevent birds and bats entering.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

Detail measurements.

Detail of work.	Number.	Measurements in feet.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Excavation for foundations—						
Outer walls		108 0	3 6	4 0	} 1,855	
Cross wall	1	24 6	3 6	4 0		
Verandah wall		35 6	2 4½	4 0	337	
Steps		12 0	3 6	1 0	42	
					C. feet.	2,234
Earth filling in basement—						
Record room		25 6	12 0	1 6	} 747	
Clerks' room		16 0	12 0	1 6		
Registrar's room		9 6	12 0	2 6	285	
Verandah		24 6	5 9	1 6	211	
					C. feet.	1,243
Concrete—						
Outer walls		108 0	3 6	1 6	} 696	
Cross wall	1	24 6	3 6	1 6		
Verandah wall		35 6	2 4½	1 6	126	
Steps		12 0	3 6	1 0	42	
					C. feet.	864
Brick-work in foundations to floor level—						
Outer wall footing course		108 0	2 7½	1 6	} 522	
Cross do. do.		24 5½	2 7½	1 6		
Verandah do. do.		36 5½	1 6	1 6	82	
Outer wall above footing course.. ...		108 0	1 10½	3 0	} 749	
Cross wall		25 1½	1 10½	3 0		

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Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Brick-work in foundations to floor level—*cont.*						
Verandah wall above		37 1½	0 9	3 0	84	
Steps		7 6	1 0	0 6	4	
Do.		9 6	2 0	0 6	10	
Do.		11 6	3 0	0 6	17	
					C. feet.	1,468
Brick-work in superstructure—						
Outer walls		108 0	1 6	12 6	2,025	
Cross wall	1	25 6	1 6	21 6	822	
Gables	2	28 6	1 6	4 9	406	
						3,253
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	8	3 6	1 6	5 0	210	
Arch-work as per details... ...		...	...	...	86	
						392
					C. feet.	2,861
Arches over doors and windows—						
Over doors	2	5 6	1 6	1 1½	} 86	C. feet.
Windows	8	5 0	1 6	1 1½		
Stone-work—						
Under posts	4	0 10½	0 10½	0 6	2	C. feet.
Wood-work—						
Wall-plates	3	26 0	0 4	0 3	7	
Rafters	36	18 6	0 3	0 7	97	
Railing in clerks' room—						
Hand rail	1	9 6	0 3	0 2½	} 1	
Bottom piece	1	9 6	0 3	0 2½		
Uprights	17	3 0	0 1½	0 1½	} 1	
Do. at end	1	3 6	0 3	0 3		
Verandah—						
Posts	2	0 6	0 6	8 0	} 7	
Do.	2	0 6	0 6	6 6		
Brackets	2	1 0	0 6	0 4	} 1	
Do.	2	0 7½	0 6	0 6		
Bressummers	2	10 0	0 6	0 6	5	
Do. piece at ends ...	2	7 0	0 3	0 4	1	
Valley rafters	2	11 0	0 3	0 5	} 3	
Do. ridge	1	8 6	0 3	0 5		
Rafters	16	9 6	0 2½	0 4	} 15	
Do. small rafters	10	6 0 average length.	0 2½	0 4		
Collar piece	1	6 0	0 3	0 3	} 1	
Finial	1	4 6	0 3	0 3		
Barge planks	2	7 0	0 6	0 1	1	
Do.	2	2 6	1 6	0 1	1	
Planking at ends	2	7 0	0 1	2 6	3	
					C. feet.	144
Venetian and panel doors with frames complete	1	4 0	...	8 0	32	Sq. feet.

Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Batten door with frames complete ...	1	4 0	...	8 0	32	Sq. feet.
Venetian windows with frames complete for office	2	3 6	...	5 0	35	Sq. feet.
Venetian windows with glazed inner shutters for office	2	3 6	...	5 0	35	Sq. feet.
Batten windows with frames, iron bars, and inner glazed shutters for record room	4	3 6	...	5 0	70	Sq. feet.
Galvanised iron wire-netting between joists	2	26 0	...	0 8	35	Sq. feet.
Sun-shades		2 in number.				
Tiled roofing—						
Office and record room	2	29 6	...	37 6	2,213	
Verandah	1	22 9	...	8 0	242	
Do.	1	7 6	...	8 0		
					Sq. feet.	2,455
					Squares.	24·55
Plastering—						
Office and record room	2	75 0	...	14 6	2,175	
Door jambs	2	14 0	...	1 6	42	
Window jambs	8	17 0	...	1 6	204	
						2,421
Deductions—						
Doors	3	4 0	...	5 0	60	
Windows	8	3 6	...	5 0	140	
						200
					Sq. feet.	2,221
					Squares.	22·21
Plastering with Portland cement ½ an inch thick—						
Office and record room	2	75 0	...	3 0	450	
Door jambs	2	6 0	...	1 6	18	
Plinth exterior	...	128 0	...	2 3	288	
Sides of steps	2	2 0	...	1 6	6	
					Sq. feet.	762
					Squares.	7·62
Pointing exterior—						
Walls	...	114 0	...	12 0	1,368	
Gables	2	28 6	...	4 9	271	
						1,639
Deduct—						
Door ...	1	4 0	...	8 0	32	
Windows	8	3 6	...	5 0	140	172
					Sq. feet.	1,467
					Squares.	14·67

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Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Flooring with 8 inches square bricks—						
Office	1	25 6	...	12 0	306	
Door piece	1	4 0	...	1 6	6	
Verandah	1	26 0	...	6 6	169	
Steps	1	11 6	...	3 0	35	
					Sq. feet.	516
					Squares.	5·16
Flooring with asphalte ¾ inch thick over a bed of concrete 4 inches thick—						
Record room	1	25 6	...	12 0	306	
Door piece	1	4 0	...	1 0	4	
					Sq. feet.	310
					Squares.	3·10
Painting with three coats of Carson's paint—						
Rafters	36	18 6	...	1 5	944	
Railing	...	18 0	...	3 0	54	
Verandah—						
Posts	2	2 0	...	7 6	54	
Do.	2	2 0	...	6 0		
Brackets	2	1 0	...	1 3	3	
Do.	2	1 0	...	1 6	3	
Bressummers	2	10 0	...	2 0	40	
Piece at end	2	7 0	...	0 6	7	
Valley rafter and ridge	...	30 0	...	1 0	30	
Rafters	...	212 0	...	0 10½	186	
Collar piece and finial	...	10 6	...	1 0	11	
Planks	2	7 0	...	1 1	15	
Do.	4	2 6	...	1 6	15	
Do.	4	7 0	...	2 6	70	
Venetian and panel door ...	3	4 0	...	8 0	96	
Batten door	2	4 0	...	8 0	64	
Venetian windows ... 4 ×	2	3 6	...	5 0	140	
Do. with glazed shutters 5 ×	2	3 6	...	5 0	175	
Batten windows with shutters and iron bars ... ... 4 ×	4	3 6	...	5 0	280	
Sun-shades	4	5 0	...	5 0	100	
Do.	4	2 0	...	2 0	16	
					Sq. feet.	2,303
					Squares.	23·03

ABSTRACT.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
		RS.		RS.	RS.
2,234 C. feet.	Excavation for foundations ...		1,000 C. feet.		
1,243 „	Earth filling in basement		„		
864 „	Concrete in foundations		100 C. feet.		
1,468 „	Brick-work in foundations and basement		„		
2,861 „	Brick-work in superstructure ...		„		
86 „	Arch-work		„		
2 „	Stone-work under posts		C. feeet.		
144 „	Teakwood wrought and put up ...		„		
32 Sq. feet.	Venetian and panelled door with frames, hooks and rim lock, complete		Sq. feet.		
32 „	Batten door with frames, hooks, and rim lock, complete		„		
35 „	Venetian windows with frames, hooks, &c., complete		„		
35 „	Venetian windows with frames and glazed inner shutters, hooks, &c., complete		„		
70 „	Battened windows with frames, iron bars, and inner glazed shutters, hooks, &c., complete		„		
35 „	Galvanised iron wire-netting fixed.		„		
2 No.	Sun-shades		Each.		
24·55 Squares.	Tiled roofing with flat and pan-tiles and teak reepers		Square.		
22 21 „	Plastering interior walls with two coats of chunam		„		
7·62 „	Plastering interior walls with Portland cement ½ an inch thick ...		„		
14·67 „	Pointing exterior walls		„		
5·16 „	Flooring with 8-inch square bricks laid in mortar over a levelling course of wall bricks		„		
3·10 „	Flooring with asphalte ⅜ inch thick over a bed of concrete 4 inches thick		„		
23·03 „	Painting with three coats of Carson's paint		„		
	Petty supervision at 2½ per cent.		„		
	Contingencies at 5 per cent ...		„		
	Grand Total of Estimate ...				

MADRAS,
8th June 1888.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

C. No. 4604

Registration Department.

12/1537 D. No. 4237.

From

M. R. Ry. V. Srinivasa Raghavaiyangar Avergal
Diwan Bahadur
Inspector General of Registration
Madras.

To

The Honorable J. H. Price
Chief Secretary to Government
Fort St. George

Dated Vedaranyam 8th December 1889.

Sir

I have the honor to request that the Government will be pleased to direct that estimates be prepared for the construction of a building on the standard design for the Sub-registrar's office at Musiri in the Trichinopoly District, which was re-opened on 1st April 186- under the sanction conveyed in G. O. dated 3rd October 1885 No. 2680 Judicial. The office is at present held in a rented building which is stated to be incommodious and ill adapted for the purposes of an office.

2. The office is self supporting as will be seen from the subjoined figures.

	No. of registrations.	Receipts. Rs. A. P.	Expenditure Rs. A. P.	Surpluss. Rs. A. P.
1886-7	2028	2371-8-0	1520-4-5	851-3-7
1887-8	1937	2307-5-10	1480-15-5	826-6-5
1888-9	2011	2552-0-0	1483-2-4	1068-13-8
Total	5976	7230-13-10	4484-6-2	2746-7-8

I have the honor to be
Sir
Your Most obedient Servant

Dwarkanath Ray Chowdry
Dep. Govt. of Regr.

Edward

14
1834

C No 4604

Judicial (1889) Department

"Registration"

From

The Inspector General
of Registration
Madras.

To

The Chief Secretary
to the Government
Fort St George

Dated 8th } December 1889.
Rec'd 18th }

I. of No: 4237.

Enclosure.

No

Requesting Sanction for the preparation of estimates for the construction of a Sub-registrar's office, on the Standard design at Musiri in the Trichinopoly District.

Copy of letter from the Collector of Trichinopoly dated 6th January 1890 Engineering Branch No 13/12 9 of 6th January 1890

13/2574

13/2574

I have the honor to request that you will be good enough to furnish me with the least possible delay with estimates in accordance with standard plans for new Taluq Cutcheries at Perumi and Jeyankondacholapuram & and for a new office for the Head Assistant Collector at Musiri. I make the request in pursuance of a conversation I had with Mr Blair, 1st member of the Board this morning.

I have &c

Al Smith Lt Col RE
Supdg Engineer Trichy
24-4-90

G.O 21st Dec 1889 R No 1444

Appointed and transfd to the P.W. Department.

A.G. Cardew.
Under Secy.

Communicated to the S.E. VI Circle for the requisite submission of estimates.

7.1.90

S.E. VI Circle Recd 8.1.90

C. 19/12
R. 21/12

OFFICE OF THE SUPERINTENDING ENGINEER,
6TH CIRCLE.

Allinagaram 24 April 1890

No. 757 C
From A/Ch. A.C Smith Esq 15/757

The Superintending Engineer,
6th Circle.

To
The Chief Engineer
P & A.

Sir,

With reference to [Cannot be traced] dated 20th G.O
January 190 calling for an estimate
for constructing a set Registrar's
office at Mannargudi in the Tachinoor
division I have the honor to forward
for your information orders, copy
of letter No 13/11 of the 17th February 90
from the Collector to the Executive
Engineer —

2. From the following letter it will be
seen that it is proposed to build
a new Cutcherry for the Head Assis-
tant Collector at Mannargudi, and it is
reported by the Executive Engineer
that if this new Cutcherry is built,
the Head Assistant Collector propos

ENCLOSURES.
1. Copy of letter

Rec. 3203/90

Rec. 4258/90

Rec. 46-7/90

to make over his present office for the use of the Registration department.

3- It is not known whether the Collector proposals for constructing Taluq Cutcheries at Musiri and Jeyamkondacholapuram and Head Assistant Collectors office at the former place, have met with the approval of Government, as no orders have been received from there, calling for estimates for the proposed buildings - If the proposals are approved, Estimate for Registration office does not appear necessary -

I have the honor to be
Sir
your most obed.t Servt

A Smith Locke

Supdg: Engineer & Surveyor

2/ Rec.d 23 Sept.r

2/ Rec.d 25 Sept.r

16/2934 REVENUE DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read again G.O. dated 16th May 1890

No 3018 referring to the Board of Revenue for report, endorsement from the P.W.D. of 1st May 1890, No 66 D regarding the construction of the buildings for the offices of Asst Coll.r & Tahsildars of Musiri and Udayapalam

Read also reminder from the P.W. Dept. requesting early reply to its communication 66 D 871-5-90 regarding construction of Taluk Cutcheries at Musiri and at Jeyamkonda Sholapuram.

dated 4 Sept. 1890 No 46/1 D.

Copy attached

Read also Proceedings of the Board of Revenue (Land Revenue) dated 18th August 1890, No 522

Order thereon 15th September 1890 No 5664,

The Board's recommendation in para 2 of its Proceedings read above is approved and transferred to the Public Works Department.

(True Extract)

Secretary to Government.

To

The P.W. Dept with 2 plans (titles not) & also the papers attached with G.O. 3727 14.6.90 Rev.

The Commr of L. Rev.

ak

P.W.C. No. 8

Rec'd 15.4.90

66 Dar/1.5.90 + file

Commenced to
the Supt. Div. VI Circle
with reference to his letter
No. 75 J.C. dated 24th April 1890.

2. An estimate for the
construction of a new
Tahsil Office at Bussiri
should be submitted as
early as practicable. The
preparation of an estimate
for a Sub Registrar's office
at the same station will
remain in abeyance until
it has been decided whether
or not a new office shall
be constructed for the
Head Quarters Collector

20.9.90

Dr

S.S. VI Circle, with copy of
Rev. Sec. Proc. No. 592 dated 8/9/90
[illegible] to [illegible]
[illegible] to be returned [illegible]