(1) பக்கங்களின் எண்ணிக்கை 46

(2) புதுக்கித் திருப்பிய நாள் 7/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

39

PWD துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1859

அச்சகம்
பலவகை

நாள் : 12. 7. 1889

19

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

23 Sheets

ஆவண. கா-1—18,006—15-6-87.

1859

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

No. 93 R.N.

Report by the Superintending Engineer on the estimate, amounting to Rs. 3,220, for constructing a Sub-Registrar's office at Paramakudi.

[*Reference*—G.O., dated 23rd November 1888, No. 3703 W.]

The estimate was called for in Government Order quoted above, and it is prepared in accordance with the revised standard design for the Sub-Registrar's office with tiled roof, circulated with G.O., No. 2230 W., dated 21st July 1888, with the exception of a slight deviation in the following sub-heads of works which are found unavoidably necessary:—

(*a*) Substitution of plastering for pointing exterior walls, as bricks to be used in the structure are made unavoidably of salt-earth.

(*b*) Substitution of flooring with concrete 4″ thick and plastered with Portland cement for flooring of 8″ square bricks, as good sound bricks are not obtainable.

(*c*) Substitution of wood-oiling to teakwood work unexposed to weather in place of painting.

2. In his letter No. 3236, dated 24th October 1888, embodied in the above Government Order, the Inspector-General of Registration suggested to have the building in the same compound in which the District Munsif's Court is being built; but, on a reference being made, the District Judge remarked that the construction of the building within the District Munsif's Court compound is objectionable as it is very small.

3. The new site now proposed in communication with the Sub-Registrar is contiguous to the compound above alluded to and so it is a very suitable one. The site being private property, a compensation of Rs. 294 is allowed in the estimate as reported by the Head Assistant Collector.

4. The rates are fair and the estimate is submitted for the sanction of Government through the Inspector-General of Registration under para. 989 of the Public Works Code.

KODAIKANAL,
7th June 1889.

(Signed) A. C. SMITH, Lieut.-Col., R.E.,
Superintending Engineer, VI Circle.

T. No. 2894.

Submitted for the sanction of the Government.

2. G.O., dated the 14th November 1888, No. 2354, Judicial, approved of the construction of the office.

OOTACAMUND,
14th June 1889.

(Signed) G. HAMNETT,
Inspector-General of Registration.

Approved and transferred to the Public Works Department.

22nd June 1889. (Signed) A. G. CARDEW,
Under-Secretary.

ORDER—dated 12th July 1889, No. 1859 W., Public Works.

The estimate, amounting to Rs. 3,220, for constructing a Sub-Registrar's office at Paramakudi, in the Madura district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 34 W. of 1889-90 and classified as Civil Buildings, Original Works.

(True Extract.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, VI Circle,
with three enclosures.
" Examiner, Public Works Accounts,
with duplicate abstract estimate.
" Judicial Department.

Exd. J. Henricus.
Spare Copies

1859

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated July, 12th.

Read.

Encl.

G.O., 12th July 1889, No. 1859 W.

JULY.

Sub-Registrar's Office at Paramakudi, Madura District

Estimate for a —, sanctioned.

1859

11TH JANUARY 1888, No. 101 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from W. MORGAN, Esq., Acting Registrar of the High Court of Judicature at Madras, Appellate Side, to the Chief Secretary to Government, dated Madras, 24th November 1887, No. 2877 :—

I am directed to forward, for the sanction of Government, the accompanying plan, estimates and report for constructing District Munsif's Court-house at Paramakudi, in the district of Madura, at a cost of Rs. 13,400.

2. From the said report it will be seen that the necessity of a Court-house at Paramakudi has been felt and brought to the notice of Government so long back as 1873.

No. 950, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

FORT ST. GEORGE,
14th December 1887.

(Signed) A. G. CARDEW,
Under Secretary to Govt.

ORDER—dated 11th January 1888, No. 101 W., Public Works.

The estimate, amounting to Rs. 13,400, for constructing a District Munsif's Court-house at Paramakudi, in the Madura district, is sanctioned.

2. A sum of Rs. 1,400 has been provided in G.O., No. $\frac{3471 \text{ W.}}{A}$, dated 19th December 1887, for expenditure on the work during the current official year, and the balance of the estimate, Rs. 12,000, has been allotted in the Provincial budget for 1888-89.

3. This sanction has been registered as Provincial, No. 143 W. of 1887-88, and classified as Civil Buildings, Original Works. Register No. 23 W. of 1876-77 is cancelled.

(True Extract.)

(Signed) W. L. C. BADDELEY, Captain, R.E.,
Under Secretary to Govt., P.W.D.

To the Superintending Engineer, VI Circle, with four enclosures.
" Examiner, Public Works Accounts, with the duplicate general abstract estimate.
" Judicial Department.

Exd. J. Moses.
Spare Copies

3

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated January, 11th.

Recd. *Encl.*

G.O., 11th Jan. 1888, No. 101 W.

JANUARY.

District Munsif's Court-house at Paramakudi, Madura District

Estimate for —, sanctioned.

1859

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.		
		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 $4\frac{1}{2}$	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.
Earth filling in basement—		FT. IN.	FT. IN.	FT. IN.		
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		
Verandah wall		35 6	2 4½	1 6	126	
Steps		12 0	3 6	1 0	42	
					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		
Verandah wall do.		36 5½	1 6	1 6	82	
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						
Cross wall		108 0	1 6	13 0	2,106	
Parapet	1	25 6	1 6	13 9	526	
Coping		109 6	1 1½	1 0	123	
		117 0	0 9	0 9	66	
						2,821
Deductions—						
Doors						
Windows	2	4 0	1 6	8 0	96	
Arch-work as per details	8	3 6	1 6	5 0	210	
		...	...	...	86	
						392
					C. feet.	2,429
Arch-work over doors and windows—						
Over doors						
Windows	2	5 6	1 6	1 1½	} 86	C. feet.
	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						
Verandah posts	42	13 6	0 3	0 7	83	
Do. bressummers	4	0 6	0 6	7 6	8	
Do. rafters	1	28 0	0 6	0 6	7	
	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.
Teakwood wrought and put up—*cont.*		FT. IN.	FT. IN.	FT. IN.		
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 Squares.	S. feet. 7·29
Bengal terrace—						
For verandah	1	27 6	...	8 0	220 Squares.	S. feet. 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	

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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.
Plastering with Portland cement ½ an inch thick—*cont.*		FT. IN.	FT. IN.	FT. IN.		
Sides of steps	2	2 0	...	1 6	6	
Door jambs	2	6 0	...	1 6	18	
Deduct—						762
Doors	3	4 0	...	3 0	...	36
					S. feet.	726
					Squares.	7·26
Pointing exterior—						
Walls		114 0	...	15 6	...	1,767
Deduct—						
Door Windows	1	4 0	...	8 0	32	
... ...	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	160	
Do.	2	2 0	...	2 0	8	
					S. feet.	2,111
					Squares.	21·11

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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. ...		„		
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		„		
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.

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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 ¼ 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. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for foundations—						
Outer walls						
Cross wall		108 0	3 6	4 0	} 1,855	
Verandah wall	1	24 6	3 6	4 0		
Steps		35 6	2 4½	4 0	337	
		12 0	3 6	1 0	42	
					C. feet.	2,234
Earth filling in basement—						
Record room						
Clerks' room		25 6	12 0	1 6	} 747	
Registrar's room		16 0	12 0	1 6		
Verandah		9 6	12 0	2 6	285	
		24 6	5 9	1 6	211	
					C. feet.	1,243
Concrete—						
Outer walls						
Cross wall		108 0	3 6	1 6	} 696	
Verandah wall	1	24 6	3 6	1 6		
Steps		35 6	2 4½	1 6	126	
		12 0	3 6	1 0	42	
					C. feet.	864
Brick-work in foundations to floor level—						
Outer wall footing course						
Cross do. do.		108 0	2 7½	1 6	} 522	
Verandah do. do.		24 5½	2 7½	1 6		
Outer wall above footing course.. ...		36 5½	1 6	1 6	82	
Cross wall		108 0	1 10½	3 0	} 749	
		25 1½	1 10½	3 0		

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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.		
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	0 2½	0 4		
		average length.				
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				
Door jambs	2	14 0	...	14 6	2,175	
Window jambs	8	17 0	...	1 6	42	
Deductions—			...	1 6	204	
Doors						2,421
Windows	3	4 0				
	8	3 6	...	5 0	60	
			...	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				
Door jambs	2	6 0	...	3 0	450	
Plinth exterior	...	128 0	...	1 6	18	
Sides of steps	2	2 0	...	2 3	288	
			...	1 6	6	
					Sq. feet.	762
					Squares.	7·62
Pointing exterior—						
Walls						
Gables	...	114 0				
	2	28 6	...	12 0	1,368	
Deduct—			...	4 9	271	
Door						1,639
Windows	1	4 0				
	8	3 6	...	8 0	32	
			...	5 0	140	172
					Sq. feet.	1,467
					Squares.	14·67

1859

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		"		
144 "	Teakwood wrought and put up ...		C. feeet.		
32 Sq. feet.	Venetian and panelled door with frames, hooks and rim lock, complete		"		
32 "	Batten door with frames, hooks, and rim lock, complete		Sq. feet.		
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 ¾ 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.

1859

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.

9

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.)

7th July 1888.

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

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.)

Captain, R.E.,
Under-Secy. to Govt., P.W.D.

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

Exd. F. R. Bantleman.
Spare Copies

1859

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated July, 21st.

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.

1859

20TH SEPTEMBER 1888, No. 2958 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From J. W. RUNDALL, Esq., M.I.C.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Trichinopoly, 7th September 1888, No. 276 R.N.

In G.O., No. 101 W., dated 11th January 1888, an estimate, amounting to Rs. 13,400, was sanctioned for the construction of the District Munsif's Court-house at Paramakudi, in the Madura district, and in this estimate Rs. 1,306 is provided for the construction of a latrine in accordance with the former type design. But in G.O., No. 3019 W., of 10th November 1887, it is ordered that the plan of jail latrine for taluk cutcherries, issued with G.O., No. 1014, dated 20th April 1874, should be adopted instead of the former design as it is on a more expensive scale than is necessary.

2. As the estimate framed on the design circulated with G.O., No. 3019 W., dated 10th November 1887, amounts to only Rs. 599 (*vide* abstract estimate attached) instead of Rs. 1,306, I have the honor to request that you will be good enough to obtain sanction of Government for the following:—

	Rs.
Constructing a District Munsif's Court-house at Paramakudi in the Madura district	12,094
Constructing a latrine for do. do.	599
Total ...	12,693

in lieu of Rs. 13,400 sanctioned in G.O., No. 101 W., dated 11th January 1888.

ORDER—dated 20th September 1888, No. 2958 W., Public Works.

Sanctioned for the reduced amount, Rs. 12,693.

2. This sanction has been registered as Provincial No. 87 W. of 1888-89 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, VI Circle.
" Examiner, Public Works Accounts, with the a[illegible]act estimate.
" Judicial Department.

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated September, 20th.

Recd. *Encl.*

G.O., 20th Sept. 1888, No. 2958 W.

SEPTEMBER.

District Munsif's Court-house at Paramakudi, Madura District

Estimate, amounting to Rs. 12,693, for constructing a —, sanctioned in lieu of the one for Rs. 13,400 sanctioned in G.O., No. 101 W., dated 11th January 1888.

Judicial Department.

1887

CHIEF SECRETARIAT, MADRAS.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following paper

From the Inspector General of Registration dated 24th October 1888. P. No 3236.

Order thereon 14th November 1888 No 2354

The Government approve of the construction of a Sub-Registrar's office at Paramakudi and the papers will, accordingly, be transferred to the Public Works Department.

(True Extract)

A. G. Cardew.
Under Secretary

SECRETARY TO GOVERNMENT, P.W. DEPARTMENT, MADRAS. 13 NOV.

To

The Public Works Department,
with C. Leves:—
—u— Inspector General of Registration

12

A

Dno 5332/

No. 154. Paramakudi Sub Registry office
the 8th September 1858.

From
To
The Registrar of Madura.

Sir.

With reference to your docket No 3666 dated 4th Instant, I beg to state that the office is located in a rented building and though it is connected it is incommodious and inconvenient. There is no separate room for the records except a small hall. The Clerks are obliged to sit on a small pial inside the office and the parties that come for registration find it very difficult to find sufficient place in the two small pials on side the office.

2. It is not very safe to presume valuable important records in a place like this where incendiarism and burglaries are every day occurrence.

3. I beg also to point out that the foundations of the District Munsiff's Court of Paramakudi has been laid and work commenced and there is enough of space near the site of the new Court house I think it very desirable that a pucka tiled building

13 for

No.

14 V. Rajagopalachary

Registrar.

MADURA REGISTRAR'S OFFICE,

Dated 8 October 1888.

No. 4306

1857

From

V. Rajagopalachariar

REGISTRAR OF

MADURA.

To

THE INSPECTOR GENERAL OF

REGISTRATION,

MADRAS.

Sir,

With reference to your Prop. No 2837 dated 26 August/88 I have the honor to submit for orders the enclosed letter of the Sub Registrar of Paramakudi applying for a new building to his office.

2. His office is now held in a rented building and the Sub Registrar thinks that it is neither a convenient nor a safe place.

3. It would seem that a Munsiff's Court is in course of erection and that this will be an opportune moment to build up a — registration office also, with the Court house, building.

4. The Registrations and Collections were in 1887-8 2454 and Rs 2846 respectively.

I have the honor to be,
Sir,
Your most obedient servant,

to

V. Rajagopalachariar

Registrar.

1888
Registration Cadastre
From
Office of the Registrar of Paramakudi
Date of Receipt 15 Oct 1888
Date of Issue 17 Oct 1888
Subject Proposals for building
Reference to previous correspondence
To a building for the Sub Registrar's office.

the Sub Registrar's office may also be constructed thereto.

I have the honor to be
Sir.
Your most obedient servant
Sub Registrar.

T. N. 3235: 24th October 1888.
Attachment

The Government will be addressed.

[illegible]

To the Registrar of Madura.

Registration (188) Department.

From (Officiating) THE REGISTRAR OF MADURA.

To THE INSPECTOR GENERAL OF REGISTRATION, MADRAS.

Dated 8th October 1888.
Received 11th October 1888.
R.O. No. 4177
No. 4306

Enclosures. Nil.

Subject:-

Transmitting letter from the Sub-Registrar of Paramakudi reporting the inconvenience he labours under for want of a suitable building.

[illegible]

Registration Department.
T. N°. 3236. 1887

From,

Geo. Stannett Esqr.
Inspector General of Registration
Madras.

To,

The Honble. J. H. Price
Acting Chief Secretary to the
Government.
Fort St. George

Attachment 24th October 1888.

Sir,

In G.O. Judicial dated the 19th September 1885. N°. 2506, the Government were pleased to sanction the opening of a sub registry office at Paramakudi in the Madura district from the 1st November 1885. The office was opened accordingly, and it is now self-supporting.*

* In 1887-88
Registrations Rs. 2454.
Receipts Rs. 2846.
Expenditure Rs. 1820.

2- The Sub Registrar reports:

"The office is located in a rented building and though it is terraced it is incommodious and inconvenient. There is no separate room for the records except a small hall. The clerks are obliged to sit on a small pial inside the office, and the parties that come for registration find it very difficult to find sufficient place in the

10

two small pials outside the office."

"It is not very safe to preserve valuable important records in a place like this where incendiarism and burglaries are every day occurrences."

3. Under the circumstances, I have the honor to recommend that the sanction of the Government may be requested for the preparation of plans and estimate, on the revised standard design, for the construction of a Sub-registrar's office in the same compound in which the District Munsiff's Court is being built.

I have the honor to be,
Sir,
Your most obedient Servant,

W. Hammett
Supt. Govt. of Regn.
Jas.

1859

12

1859

2958 W 20/9/88
101 W 11/1/88

[6]

Govt. of 188 } Madras.

To

The Board

Proceedings, dated 14—11— 1888.
No. 2354.

Subject.

B No 3703 Wd/23.XI 88

Communicated to
~~the Public Engr. II Circle~~
for submission of the
requisite estimate.

17/11/88

17/11/88

Read the Construction
of a Sub Registrar's
Office at Paramu-
-gudi Madura
District

Go. 3703 Wd/dt. Nov. 23. 1888

Ks Rly

S. E. VI Circle
S. E. VI Circle
Guidl. accepts.

28/11

30/11

Worthington

No 93 PW. 1889 1P

Report by the Superintending Engineer on the Estimate amounting to Rs: 3220 for Constructing a Sub Registrar's Office at Paramakudi

Reference — G. O. No 3703. W. of 23rd Novr. 1888.

Encls: 3.
1. Site plan.
1. Estimate.
1. abstract in duplicate

The Estimate was called for in G. O. quoted above and it is prepared in accordance with the revised Standard Design for the Sub Registrar's office with tiled roof circulated with G. O. No. 2230. W. Dated 21st July 1888; with the exception of a slight deviation in the following sub heads of works which are found unavoidably necessary.

(a) Substitution of plastering for pointing exterior walls, as bricks to be used in the structure are made unavoidably of salt earth.

(b) Substitution of flooring with concrete 4" thick and plastered with bottom cement, for flooring of 8" Square bricks as good round bricks are not obtainable.

(c). Substitution of Wood oiling to teak wood work unexposed to weather, in place of painting.

2. In his letter No. 3236. dated 24th October 1888. embodied the above G. O. the Inspector General of registration suggested to have the building in the same Compound in which the District Munsiffs Court is being built, but on a reference being made, the District Judge remarked that the construction of the building within the District Munsiffs Court

Court Compound is objectionable as it is very small.

3. The new site now proposed is communi-
=cation with the Sub. Registrar is contiguous
to the Compound above alluded to and so it
is a very suitable one. The site being private
property a Compensation of Rs: 294 is allowed
in the Estimate as reported by the Head
Assistant Collector.

4. The rules are fair and the Estimate
is submitted for the sanction of Government
through the Inspector General of Registration
under para 989. of the D. in. Code.

Camp: Kadikanal
7th June 1889.

A Smith Lt: Col: RE.
Superintg: Engineer

2P

7. No 2894 14. June 1889
Endorsement.

Submitted for the sanction of the Govern:
ment.

H. O. Judicial dated the 14. Novem:
ber 1888, No 2054, approving of the construction
of the Office.

W. Kermack
Actg Sect. of Govt

To. The Chief Secretary
to the Government.

1889

19

44908/88
T 2781/88

1889

From

The Supt. Engineer
Vizagapatam.

No. 93 A R
Dated 7th June 1889.
Depd. 10 3/4
Rec'd. 12th

R No. 4936

Report on estimate for Construction &c. Registrar's office at Parvatipuram.

1889

20 5

to be unavoidable.

It was suggested by the Inspector General of Registration that the Sub Registrar's office should be built in the same compound in which the Dist: Munsiff's Court is being constructed, but the Dist: Judge considers the compound too small for both buildings, & it is therefore proposed to build the Sub Registrar's office on a suitable site contiguous to the Dist: Munsiff's Court, and Compensation for the land which amounts to Rs 294 is provided for in the Estt:

The rates as far as can be checked are fair - The plinth area of the building is 996 Sq feet and the cost per Sq: foot is Rs 3-3-9-

The site plan and Estimate have been Countersigned by the Inspector General of Registration and appears in the judicial Depts:- Cmt P 3/7/89

Hm/A

B & R
Works

No 1859

1859

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 11 July 1889

READ the following

From the Inspector-
General of Registration — No 2894 Dated 14 June 1889
Endorsement thereon
in the judicial department — Dated 22nd June 1889.-

4P

The estimate amounting to Rs 3,220 for constructing a Sub Registrar's office at Paramakudi in the Madura District is sanctioned for Execution when funds are available.

2.- This sanction has been registered as Provincial No 34. W of 1889-90 and classified as Civil Buildings. Original Works.

WCM
5.7.89

RMEDH
8.7.89

28

CR

Maj

Hrs
9 July

DSC
WJ

The Supdg Engineer VI Circle
with 3 Enclosures.
a Examd P.W. accounts
with sanctioned abstract estimate.
a Judicial Department.

Mis 1721- 15—1—88.
Mis 2384- 14- 11—88. ✓
Mem 5888

Fr. Bonds 370 3/8 } 22.11.88.
" 1 - 29 5/8 } 20.9.88.
" " 2 3/8 } 21.7.88.

3P

Opened and transmitted to the Public Works Department.

Asst Secretary.

Under Secy.

Judicial (1889) Department.

Registration.

From,

The Inspector General of Registration, Madras.

To. The Chief Secretary to the Government, Ootacamund.

Dated 11th June 1889

Received.

No. 2894.

Enclosure (3).

No.

Submitting the report from the Superintending Engineer Circle on the estimate of Rs 3220. for constructing a Sub Registrar office at Paramakudi.

Dept 22/6

Public Works Department.

Current No. 5,888 1889

Letter No. Mis.

Dated 22nd June 1889

From the Judicial Dept.

1889

NOTE OF REMARKS.

The Estimate under review amounting to Rs 3,220 provides for Constructing a Sub Registrar's office at Paramakudi in the Madura Dist:—

The building is to be constructed in accordance with the annexed design approved vide G.O. No 2230 M. dated 21st July 1888 with the following exceptions

(1) Substitution of plastering for pointing exclusive of walls—

(2) Substitution of Concrete flooring 4" thick for 8" Laterite bricks—

(3) Substitution of terracing for panting wherever work—

These deviations from the Standard Est are stated

21

May

1859

23

Govt. of Madras.

PUBLIC WORKS.

13/7/89

Dated

Read.

Encl.

G.O. 12 July 1889 No. 1859 (d)

To the Registrar's Office at Paramakudi

Madura Dt.

Extract [illegible], sanctioning

100/-

(23)

2/7/89