(1) பக்கங்களின் எண்ணிக்கை 34

(2) புதுக்கித் திருப்பிய நாள் 7/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

அரசாணை எண். —
மு. கோப்புத் தாள் எண். 1874

அச்சகம் பலவகை

நாள் : 13.7.89 19 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

17 Sheets

ஆவண. கா-1—18,006—15-6-87.

1874

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

From Lieut.-Colonel A. C. SMITH, R.E., Superintending Engineer, IV Circle, to the Inspector-General of Registration, dated Ootacamund, 23rd April 1889, No. 112-M.

I have the honor to forward, for transmission to Government for sanction, an estimate, amounting to Rs. 3,970, for constructing a Sub-Registrar's office at Kásaragód, together with a report, specification, duplicate abstract of the estimate, and a site-plan.

2. The estimate has been prepared on the standard plan circulated with G.O., No. 2230 W., of 21st July 1888, with a little more projection of the eaves on account of the rainy climate of the district.

T. No. 1626.

Submitted for the sanction of the Government.

2. The construction of a Sub-Registry office at Kásaragód was determined in the Proceedings of Government, Public Works, dated 18th July 1887, No. 1923 W., communicated with Judicial Department No. 1745, dated the 6th August 1887.

OOTACAMUND,
27th April 1889.

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

No. 656 R.

Approved and transferred to the Public Works Department.

18th June 1889.

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

ORDER—dated 13th July 1889, No. 1874 W., Public Works.

The estimate, amounting to Rs. 3,970, for constructing a Sub-Registrar's office at Kásaragód, in the South Canara district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 37 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, IV Circle,
with five enclosures.
" Examiner, Public Works Accounts,
with duplicate abstract estimate.
" Judicial Department.

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated July, 13th.

Read. *Encl.*

G.O., 13th July 1889, No. 1874 W.

JULY.

Sub-Registrar's Office at Kasaragod, South Canara District

Estimate for — , sanctioned.

1874

18TH JULY 1887, No. 1923 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—again the following papers :—

G.O., dated 13th February 1886, No. 403 W., Public Works.

Read—the following papers :—

Proceedings of the Board of Revenue, dated 26th November 1885, Mis. No. 10592.

Read—the following letter from J. STURROCK, Esq., Collector of South Canara, to the Secretary to the Board of Revenue, dated Mangalore, 14th November 1885, No. 2700.

I have the honor to forward, herewith, for submission to Government, a plan and estimate, amounting to Rs. 67,310, for the marginally noted public offices at Kásaragód.

Taluk cutcherry and subsidiary jail.
District munsif's court.
Sub-registrar's office.
Police station.

2. The taluk cutcherry at Kásaragód is an old and unsuitable building, with mud walls and in indifferent repair, which ought to be replaced by a new and more commodious office. The necessity for immediate action is greater at Mangalore and Coondapoor, so far as the Revenue Department is concerned, but I believe that a new munsif's court and sub-registrar's office are urgently required, and, I think, the new taluk cutcherry should be provided at the same time.

3. The plan has been approved by the District Judge, the Superintendent of Police and the Inspector-General of Registration.

Resolution—dated 26th November 1885, Mis. No. 10592.

The plan and estimate, for Rs. 67,310, for constructing a taluk cutcherry and subsidiary jail, a district munsif's court, a sub-registrar's office, and a police station at Kásaragód, are herewith submitted for the sanction of Government.

2. Under paragraph 3 of G.O., dated 11th March 1884, No. 491, Public, the plan and estimate relating to the munsif's court and the police station should have been submitted for the approval of the High Court and the Inspector-General of Police.

(A true Copy and Extract.)

(Signed) E. S. LAFFAN,
Ag. Sub-Secretary.

Mis. No. 6677, Revenue.

Transferred to the Judicial Department, in view to the approval of the High Court and the Inspector-General of Police being obtained.

(Signed) J. F. PRICE,
Ag. Secretary to Government.

FORT ST. GEORGE,
2nd December 1885.

2

No. 2095, Judicial.

Forwarded to the Honorable the Judges of the High Court for favor of their opinion.

9th December 1885. (Signed) H. A. STUART,
for Chief Secretary.

Proceedings of the Board of Revenue, dated 5th December 1885, Mis. No. 10815.

Read—the following letter from J. STURROCK, Esq., Collector of South Canara, to the Secretary to the Board of Revenue, dated 26th November 1885, No. 2811.

I have the honor to forward, herewith, a "report (dated 21st July 1885, No. 387) to accompany the plan and estimate for constructing public offices at Kásaragód," and request that the same may be incorporated with the enclosures of my letter of the 14th instant, No. 2700.

Resolution—dated 5th December 1885, Mis. No. 10815.

Submitted to Government in continuation of Board's proceedings, dated 26th November 1885, Mis. No. 10592.

(A true Copy and Extract.)

(Signed) C. F. MACCARTIE,
Ag. Secretary.

Mis. No. 6880, Revenue.

Transferred to the Judicial Department, in continuation of G.O., Mis. No. 6677, dated 2nd December 1885.

FORT ST. GEORGE,
11th December 1885. (Signed) J. F. PRICE,
Ag. Secretary to Government.

No. 2159, Judicial.

Transferred to the Honorable the Judges of the High Court in continuation of endorsement, dated 9th instant, No. 2095.

(By Order.)

17th December 1885. (Signed) H. A. STUART,
Asst. Secretary.

From H. T. ROSS, Esq., Acting Registrar of the High Court of Judicature at Madras, Appellate Side, to the Chief Secretary to Government, dated Madras, 9th January 1886, No. 84.

With reference to your endorsement, No. 2095, dated 9th December 1885, forwarding, for the opinion of the High Court, a plan and estimate for constructing certain public offices, including a district munsif's court at Kásaragód, South Canara, I am directed to state that the accommodation provided for the district munsif appears to the High Court to be sufficient and convenient.

2. The plan and estimate may therefore be accepted as approved by this department.

No. 86 C.

Referred to the Inspector-General of Police for remarks.

(By Order.)

16th January 1886. (Signed) A. G. CARDEW,
Ag. Asst. Secretary.

1874

From Colonel T. K. GUTHRIE, Inspector-General of Police, to the Chief Secretary to Government, dated Madras, 18th January 1886, No. 296.

With reference to your endorsement, No. 86 C., of the 16th instant, on proceedings of the Board of Revenue, Mis Nos. 10592 and 10815, dated 26th November and 5th December 1885, I have the honor to state that I approve of the plan of the public offices to be erected at Kásaragód, South Canara district.

No. 141 C.

Approved, and transferred to the Public Works Department.

(By Order.)

26th January 1886. (Signed) A. G. CARDEW,
Ag. Asst. Secretary.

Order—dated 13th February 1886, No. 403 W., Public Works.

The plans and estimates for constructing public offices at Kásaragód, in the South Canara district, will remain in abeyance for the present.

2. Under proceedings, Financial Department, No. 1474, dated 3rd November 1885, the project will require the sanction of the Government of India, and, as it is not probable that funds will be available for its commencement in 1886-87, no object will be gained in seeking such sanction at present.

(Signed) J. H. M. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

G.O., dated 25th November 1886, Mis. No. 3144, Judicial.

Read—the following paper :—

From the Registrar of the High Court of Judicature at Madras, Appellate Side, dated 20th October 1886, No. 2860.

Order—dated 25th November 1886, Mis. No. 3144, Judicial.

The foregoing letter will be referred to the Public Works Department, with reference to paragraph 1. It is requested that it may be stated within what time it is probable that the group of public buildings at Kásaragód will be constructed. If there is a probability of any considerable delay, instructions will be issued, in that department, for the preparation of an estimate for the execution of the repairs and additions which are urgently required to the district munsif's court-house.

(True Extract.)

(Signed) H. A. STUART,
Under Secretary.

No. 4333 C., Public Works.

In returning the paper referred with G.O., Mis. No. 3144, dated 25th November 1886, the undersigned has the honor to state that the estimate for constructing public offices at Kásaragód will be brought forward for consideration in connection with the budget proposals for 1887-88, but that it is doubtful whether funds will be available for commencement of the work next year. Until the question of funds is settled, it will not be possible to state within what time the group of buildings will be completed.

2. Meanwhile, the Superintending Engineer will be instructed to submit, in communication with the District Judge, an estimate for such repairs as may be necessary to the existing munsif's court-house.

(Signed) J. O. HASTED, Colonel, R.E.,
6th December 1886. Secretary to Govt., P.W.D.

3

ORDER—dated 18th July 1887, No. 1923 W., Public Works.

The plans and estimates for constructing public offices at Kásaragód will be returned to the Superintending Engineer, IV Circle, who will revise the accommodation provided for the taluk office and district munsif's court in accordance with the type designs circulated with the proceedings marginally noted, and submit fresh plans and estimates accordingly.

No. 1098 W., dated 21st April 1887.
„ 1495 W., „ 3rd June „

(True Extract.)

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

To the Superintending Engineer, IV Circle, with plans and estimates.
„ Judicial Department.
„ Revenue „

Exd. E. Fernandez.
Spare Copies

1874

4

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated July, 18th.

Read. *Encl.*

G.O., 18th July 1887, No. 1923 W.

JULY.

Public Offices at Kasaragod

Plans and estimates for constructing —, South Canara district, returned to the Superintending Engineer for revision of the accommodation provided for the taluk office and district munsif's court.

1874

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 $4'' \times 6''$ 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

5

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		
Cross wall	1	24 6	3 6	1 6	} 696	
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		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	

1874

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		
Do. at end	1	3 6	0 3	0 3	} 1	
					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	

b

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	
						516
					S. feet.	
					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	
						310
					S. feet.	
					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

1874

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 $10\frac{1}{2}'' \times 10\frac{1}{2}'' \times 6''$ 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. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for foundations—						
Outer walls	1	108 0	3 6	4 0	} 1,855	
Cross wall		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	1	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	1	108 0	3 6	1 6	} 696	
Cross wall		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	1	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		

1874

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 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

1874

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 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.

1874

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.

10

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

1874

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.

Public Works Department.

Current No. 5733
Letter No. 636 R
Dated 10th June 1889
From the Judicial Dept:-

NOTE OF REMARKS.

The estimate under review amounting to Rs 3,970 provides for constructing a Sub-Registrars Office at Kasaragode in the South Canara Dist:-

The building is to be constructed in accordance with the Standard designs approved by G.O. No 2230 W dt 21/7/88 - with only a slight modification of the eaves to suit the climate.

The materials to be used in construction are as followd -

The foundation basement and walls are to be built with laterite in

in mortar; the walls will be plastered inside with chunam and pointed outside with lime mortar.

The roof is to be of Mission tiles with white cedar ceiling. The trimmers, valley rafters & verandah posts are to be of teak, all the other rafters are to be of Irul, Karra-maruthu or Poonapu wood. The doors and windows are to be of teak.

The flooring, with the exception of the Record room which is to be of 3/4" asphalte laid on 4" of concrete, will consist of 8" Sqr. bricks.

The area of the building is 996 Sqr. feet and will cost Rs 3-15-9 per Sqr. foot.

The site plan and Est: have been countersigned by the Inspector General of Registration and approved in the Judicial Depti:-

The rates are fair. [illegible] 2/7/89 -

1874

12

1874

11

Supg. Engineer's office, 4th Circle,
Camp Ootacamund 23rd April 1889.

No. 112/rm

From,

Lt. Colonel A. C. Smith R.E.,
Supg. Engineer, 4th Circle,

To,

The Inspector General
of Registration,
Madras.

Sir,

Enclosures. 5
1 site plan
1 Estimate
1 Duplicate abstract
1 Report
1 Specification
5

I have the honor to forward for transmission to Government for sanction an estimate amounting to Rs 3,970. for constructing a Sub Registrar's office at Kasaragod, together with a report, specification, duplicate abstract of the estimate, and a site plan.

2. The estimate has been prepared on the standard plan circulated with G.O., No. 2,230W of 21st July 1888 with a little more projection of the eaves on account of the rainy climate of the District.

I

I have the honor to be,

Sir,

Your most obedt servt,

A. Smith Lt Col: R.E.,

Supg. Engineer, 4th Circle.

7. No. 1626 - 27th April 1889.

Ootacamund

Submitted for the sanction of the Government.

2. The construction of a sub-registry office at Kasaragod was determined in the Proceedings of Government Public Works dated 18th July 1887. No. 1920 W., communicated with Judicial Department No. 1745 dated the 6th August 1887 -

W. Hamnett

Inspr. Genl. of Regn

To,

The Chief Secretary to the Government.

Ootacamund

1874

14

G 3100/89
J.R. 781/88 Justice L. 38

From

The Sup. Engineer,
Fourth circle.

Dated 23rd April 189
Recd. —— 25th

R No. 3402

No. 112/IM

Encls: 5.

Sub Registrar's Office
Kasegod:—

Forwarding for transmission to Govt. for sanction, estimate & plan of Rs: 3,770 for Constructing a—

[19]

Reference on No. 1644 of 1889.

In replying the above should be quoted.

CHIEF SECRETARIAT, MADRAS.

Judicial DEPARTMENT.

1874

3P

READ the following

From the Inspector General of Registration.
J. No. 1626. dated 27th April 1889.

Dated 18th June 1889. No 656 R.

Approved and transferred to the Public Works Department.

A. G. Cardew.
Under Secretary

P.W. DEPARTMENT, MADRAS. SECRETARY TO GOVERNMENT. 19 JUN. 89

To

The Public Works Department
with papers

15

P. Acc 2230 W d/ 21.7.88
" " 1923 W d/ 18.7.88
Judicial

PWC No 5733

R/ 22.6.89

E.7

(+ 1 blank)

Civil
Dep 6/89

0/5/7 Dy. 88/6. In 2076.

No 1874 W

B & A
Civil Works

Hm/A

1874

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 13th July 1889

READ the following

From the Inspector General of Registration — No 1626 dated 27th April 1889.—

Endorsement thereon by the Judicial Department — No 656 R dated 18th June 1889.—

4P

The Estimate amounting to Rs 3,970, for constructing a Sub Registrar's office at Kasaragod in the South Canara District is sanctioned for execution when funds are available.

Ins
10 July.

2.— This sanction has been registered as Provincial No 37 W of 1889–90 and classified as Civil Buildings, Original Works.

WCB
5.7.89

[illegible]
8.7.89

The Supdg Engineer IV Circle
with 5 enclosures.
" Examiner P.W. Accounts
with duplicate abstract estimate
" Judicial Department.

D 24/7

13

Cu

Maj

Govt. of 18[illegible] Madras.

PUBLIC WORKS.

Dated

Read. Encl.

G.O. 13 July 1869 No. 1874

To the Registrar's Office
=
at Kasaragode,
S. Canara Dt
=
Dated ——, Sanctioning