(1) Number of pages 48

(2) Date of repair 20.10.87

(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public works DEPARTME

G.O. No. / B.P. No: 1901 W.	Press. / Mis.
Dated 17-8-1885.	198 .

S.O.M.

Not to be folded or roughly handled

Archives I--10,006 I -80.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV. Circle, to the Inspector-General of Registration, dated Coimbatore, 20th July 1885, No. 210-M. :—

With reference to paragraph 4 of my letter, No. 129, dated 13th April last, I have the honor to forward, for transmission to Government for sanction, the estimate, amounting to Rs. 2,926, for constructing a Sub-Registrar's office at Támrachéri, together with a site-plan and report.

2. The estimate for a Sub-Registrar's office at Koduvayur will be sent to you as soon as the Collector settles the compensation for the site, which is proposed to be taken up under the Land Acquisition Act.

T.N. 2316.

Submitted for the sanction of the Government.

Cuddalore,
24th July 1885.

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

To the Chief Secretary to Government.

No. 1381, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

Ootacamund,
31st July 1885.

(Signed) A. G. CARDEW,
Acting Assistant Secretary.

Order—dated 17th August 1885, No. 1901 W., Public Works.

The estimate, amounting to Rs. 2,926, for constructing a Sub-Registrar's office at Támrachéri, in the Malabar district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 105 W. of 1885-86, and classified as Civil Buildings, Original Works.

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

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

Exd. J. Henricus.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated August, 17th.

Recd. *Encl.*

G.O., 17th Aug. 1885, No. 1901 W.

AUGUST.

Sub-Registrar's Office at Tamracheri, Malabar District

Estimate for —, sanctioned.

1901/2/

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

14th January 1882, No. 120 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 69. From Major A. T. FRASER, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 16th September 1881, No. 465.

I HAVE the honor, in terms of G.O., No. 1783 W., of the 21st July, to forward the following standard designs for Registrar's and Sub-Registrar's Offices prepared in accordance with the sketch plan herewith enclosed for reference, which was approved in the Judicial Department, dated 20th January 1881 :—

Standard design, Registrar's Office, terraced building.
Do. do. do. tiled building.
Do. Sub-Registrar's Office, terraced building.
Do. do. do. tiled building.

2. As it is understood Superintending Engineers are waiting for these standard plans, I have had to supply the Superintending Engineer, Second Circle, with copies in anticipation ; it is considered unadvisable to retain them till the quantities are taken out.

This will be done and a specification furnished when the plans are returned from the Lithographic Press.

SUBMITTED for the approval of Government in the Judicial Department, and for the countersignature of the Inspector-General of Registration.

(Signed) J. PENNYCUICK, Major, R.E.,
19th September 1881. Deputy Chief Engineer, P.W.D.

To the Judicial Department, with the letter above quoted and five enclosures (requested to be returned).

No. 69-A. Proceedings of the Madras Government in the Judicial Department, dated 9th November 1881, No. 2283.

From the Public Works Department, dated 19th September 1881, No. 2150.

From the Inspector-General of Registration, Madras, dated 14th October 1881, No. 670.

THE plans are approved and returned with the countersignature of the Inspector-General of Registration.

(True Extract.)

(Signed) R. DAVIDSON,
Chief Secretary.

No. 69-B. From R. F. CHISHOLM, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 20th December 1881, No. 736.

In continuation of this office letter, No. 465, dated 16th September, I have the honor to forward specifications and detailed quantities for the tiled and terraced standard designs for Registrar's and Sub-Registrar's Offices.

Two Specifications.
Four Detailed Estimates.

No. 70. Order thereon, 14th January 1882, No. 120 W.

The standard designs for Registrar's and Sub-Registrar's Offices, which have been approved in the Judicial Department, will be lithographed and the estimates and specifications printed for circulation and adoption in the department.

(True Extract.)

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

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

Exd. A. Aubert.
Spare Copies

1901/3.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated January, 14th.

Read. *Encl.*

G.O., 14th Jan. 1882, No. 120 W.

JANUARY.

Nos. 69-70.

Registrar's and Sub-Registrar's Offices.—The standard designs for —, ordered to be lithographed and circulated for adoption in the Public Works Department.

1901/4.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, IV Circle, to the Inspector-General of Registration, dated Ootacamund, 13th April 1885, No. 129 M. :—

With reference to G.O., No. 1488 W., dated 14th June 1884, I have the honor to forward, for transmission to Government for sanction, the estimates for constructing sub-registrars' offices at the stations noted below :—

	Rs.
Kondotti	3,020
Wandur	2,905
Tripriyar	3,335
Chávakád	3,240
Malapuram	2,785

2. The sites on which the buildings are to be erected at the first three named stations being private property, compensation for them has been provided for in the estimates.

3. The reports and duplicate abstract estimates, with five site plans, are herewith enclosed.

4. The estimates for the sub-registrars' offices at Koduvayur and Támrachéri will be forwarded to you as soon as they are received from the Executive Engineer.

G. No. 2381.

Submitted to the Government for sanction.

MADRAS,
18th April 1885.

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

No. 885, Judicial.

Approved and transferred to the Public Works Department.

(By Order)

OOTACAMUND,
1st May 1885.

(Signed) H. A. STUART,
Acting Assistant Secretary.

ORDER—dated 18th May 1885, No. 1169 W., Public Works.

The estimates for constructing sub-registrars' offices at the undermentioned stations, in the Malabar district, are sanctioned, for execution when funds are available, and classified as Civil Buildings, Original Works :—

		RS.	
1. Kondotti	3,020	Provincial No. 37 W. of 1885-86.	
2. Wandur	2,905	" " 38 W. of "	
3. Tripriyar	3,335	" " 39 W. of "	
4. Chávakád	3,240	" " 40 W. of "	
5. Malapuram	2,785	" " 41 W. of "	

(True Extract.)

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

To the Superintending Engineer, IV Circle, with fifteen enclosures.
" Examiner, Public Works Accounts, with five abstract estimates.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

1901/S.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated May, 18*th*.

Recd. *Encl.*

G.O., 18th May 1885, No. 1169 W.

MAY.

Sub-Registrars' Offices in the Malabar District

Estimates for —, sanctioned.

1901/b.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from G. HAMNETT, Esq., Inspector-General of Registration, Madras, to the Chief Secretary to Government, dated Ootacamund, 15th May 1884, No. 1674-T. :—

I have the honor to bring to the notice of Government that the sub-registrars' offices which I have inspected at the following stations, in the Calicut district of Malabar, are held in private houses or bazaars. It is desirable that new buildings on the standard design should be built and the offices removed into them; and I request that you will be pleased to obtain the sanction of Government to the necessary plans and estimates being prepared for the purpose by the Public Works Department :—

Koduvayur.
Kondotti.
Chávakád.
Tripriyar.
Tamracheri.
Malapuram.
Wandur.

2. At Koduvayur the building is in the bazaar street. The situation is unsafe for an office with valuable records of title.

3. At Kondotti the building consists of two rooms on the ground-floor and one room on the upper-story, in which the sub-registrar and his clerks sit. The records are kept in one of the rooms below. Parties have to climb up a flight of wooden steps almost perpendicular.

4. The office at Chávakád is on the upper-story of a suite of bazaars. The accommodation, though ample, is not safe.

5. The house at Tripriyar belongs to a Moplah. He occupies the greater portion of it. It is thatched. Parties disapprove of the position, and pray that a new office may be built.

6. A portion of a Local Fund chattram has been utilised at Tamracheri. It is not adapted for an office, but no other building is to be had in the place.

7. The building at Malapuram is thatched. It is close upon the road and runs the risk of being burnt down. The accommodation is inadequate and ill-adapted.

8. At Wandur the building, though conveniently situated, is not suited for an office.

9. At Cochin also the sub-registrar's office is held in a private building. The registrar has been desired to ascertain whether some portion of the late fiscal's cutcherry may not be available. If it is available the Collector will be addressed.

NOTE.—The registrar has since reported that the sub-registry office has been moved into the cutcherry.

10. Of the offices named in paragraph 1, those which should be first built are—

Koduvayur.
Tripriyar.
Kondotti.
Chávakád.
Malapuram.

No. 1261, Judicial.

Transferred to the Public Works Department with the request that instructions may be issued for the preparation of the necessary plans and estimates.

(By Order.)

OOTACAMUND,
11th June 1884.

(Signed) M. HAMMICK,
Acting Assistant Secretary.

ORDER—dated 14th June 1884, No. 1488 W., Public Works.

Communicated to the Superintending Engineer, IV Circle, with a view to the requisite estimates being prepared.

(True Extract.)

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

To the Superintending Engineer, IV Circle.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

1901/7

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated June, 14*th*.

Recd. *Encl.*

G.O., 14th June 1884, No. 1488 W.

JUNE.

Sub-Registry Offices

Estimates called for for constructing — at seven different places in the district of Malabar.

1901/4

ESTIMATE of the Cost of constructing a Sub-Registrar's Office with terraced roofing according to Standard Design, Sheet No. 21, signed by the Officiating Consulting Architect to Government on 16th September 1881.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Excavation for Foundations.		FT. IN.	FT. IN.	FT. IN.		
Outer walls	...	99 0	4 6	4 6	2,105	
Partition	...	21 0	3 8	4 6	347	
Verandah walls	...	35 9	3 6	4 6	563	
Steps	...	13 0	3 0	1 0	39	
Cubic feet	...	...	...			2,954
Earth-filling in Basement.						
Rooms	...	24 0	21 0	1 6	756	
Platform	...	12 0	8 6	1 0	102	
Verandah	...	25 9	5 11½	1 6	198	
Cubic feet	...	...	...	...		1,056
Concrete.						
Outer walls	...	99 0	3 6	1 0	347	
Partition	...	22 0	2 8	1 0	59	
Verandah walls	...	36 9	2 6	1 0	92	
Steps	...	13 0	3 0	1 0	39	
Cubic feet	...	...	...	...		537
Brickwork in Foundations.						
Footing course—						
Outer walls	...	99 0	2 8	1 6	396	
Partition	...	22 10	1 10	1 6	63	
Verandah wall	...	37 7	1 6	1 6	85	
Above footing to ground level—						
Outer wall	...	99 0	2 3	2 0	445	
Partition	...	23 3	1 6	2 0	70	
Verandah wall	...	38 0	1 0	2 0	76	
Cubic feet	...	...	...	...		1,135
Brickwork in Basement.						
Outer walls	...	99 0	2 3	2 0	446	
Partition	...	23 3	1 6	2 0	70	
Verandah wall	...	38 0	1 0	2 0	76	
Steps	...	13 0	3 0	0 6	20	
Do.	...	11 0	2 0	0 6	11	
Do.	...	9	1 0	0 6	5	
Deduct stone in steps and under posts as per details	...	...	...	...	29	
Cubic feet	...	...	...	...		599

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Brickwork in Superstructure.		FT. IN.	FT. IN.	FT. IN.		
Outer walls		99 0	1 6	12 0	} 2,214	
Partition		24 0	1 6	12 0		
Parapet		101 0	1 0	0 6	51	
Do.		100 0	0 9	1 0	75	
Do.		101 0	1 0	0 4	34	
Binding wall		25 0	1 6	0 9	28	
						2,402
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	9	3 6	1 6	5 0	236	
Archwork as per details		...	...	...	45	
						377
Cubic feet		...	...	...	...	2,025
Archwork.						
Segmental arch over doors	2	5 3	1 6	1 0	16	
Do. do. windows ...	4	4 9	1 6	1 0	29	
Cubic feet		...	...	...	45	
Cut-stone work under Posts and in Steps.						
Under posts	4	1 6	1 6	0 6	5	
Steps		39 0	1 3	0 6	24	
Cubic feet		...	...	...	29	
Teakwood.						
Clerks and Registrar's room joists ...	17	15 6	0 3	0 7½	41	
Record-room joists	17	12 6	0 3	0 6	} 39	
Small joists under coping at sides ...	32	2 7½	0 3	0 6		
Do. do. at angles ...	4	3 6	0 3	0 6		
Waling pieces	2	28 0	0 2	0 6	} 10	
Do.	2	29 6	0 2	0 6		
Verandah posts	4	0 5	0 5	7 4½	5	
Do. breastsummers	3	9 1½	0 5	0 7½	7	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	19	8 0	0 2½	0 3½	9	
Do. wall-plate	1	27 0	0 3	0 5	3	
Do. eave board	...	27 0	0 4	0 ¾	1	
Cubic feet		...	...	...	117	
Wrought-iron Work.						
¾″ diameter bolts to secure wall-plates.	6	1 9=	10 6	× 1·47	15·43	
¾″ hex. nuts and bolt heads for do.	6	...	...	× ·43	2·58	
3″ × 3″ × ⅛″ washers for do.	6	...	...	× ·31	1·86	
lb.		..	...	...	19·87	
Say lb.		...	...	...	...	20
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	4	3 6	...	5 0	70	Do.

1901/9

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Windows with glazed shutters and frames with ¾″ square iron bars for Record-room.	5	3 6	...	5 0	88	Sq. feet.
Terrace roofing	...	30 0	...	28 6	55	Do.
Squares ...	...	...	...	...	...	8·55
Slope terracing for verandah	...	27 0	...	8 0	2·16	Sq. feet.
Squares ...	...	...	...	...	...	2·16
Flooring with 8-inch square bricks over a levelling course.						
Clerks and Registrar's room	...	24 0				
Record-room	...	24	...	12 0	288	
Verandah	...	27 0	...	9 0	216	
Door pieces	2	4 0	...	6 6	180	
			...	1 6	12	
Deduct stones under posts	4	1 6	...	1 6	696	
Square feet ...	...	...	...	...	9	
Squares ...	...	...	..	...	687	
Plastering with two coats.					...	6·87
Interior—						
Clerks and Registrar's room ...	...	72 0				
Record-room	...	66 0	...	12 0	864	
Exterior—				12 0	792	
Basement all round	...	...	...	2 4½	286	
Superstructure	...	120 3	...	12 0	1,260	
Parapet	...	105 0	...	5 0	505	
Binding wall	...	101 0	...	3 0	75	
Door jambs	...	25 0	...	1 6	60	
Window jambs	2	20 0	...	1 6	102	
Do.	4	17 0	...	1 6	101	
	5	13 6	...			4,045
Deductions.						
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	9	3 6	...	5 0	315	
						443
Square feet		...	...	...	...	3,602
Squares		...	...	...	...	36·02
Plaster cornice exterior.						
Ends of terrace... ... Lineal feet.	...	...	...	...	114	
Wooden railing for Clerks' room... L. ft.	...	...	...	...	12	
Painting doors, windows and exposed woodwork with three coats of Carson's paint.						
Venetian and panel-doors	3	64 0				
Do. windows ...	3	70 0	...	...	192	
			...	...	210	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting doors, windows and exposed woodwork with three coats of Carson's paint—cont.						
Glazed windows with iron bars ...	2	88 0	...	...	176	
Waling pieces	...	115 0	...	1 2	134	
Verandah posts	4	1 8	...	7 4½	49	
Brackets	6	1 0	...	1 0	6	
Eaves board	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	785	
Squares ...	...	...	...	...	...	7·85
Wood-oiling three coats.						
Railing	2	12 0	...	3 0	72	
Joists	17	15 6	...	1 6	395	
Do.	17	12 6	...	1 3	266	
Do.	32	2 7½	...	1 2	} 114	
Do.	4	3 6	...	1 2	}	
Breastsummers	...	27 0	...	1 8	45	
Rafters	19	8 0	...	0 9½	120	
Wall-plate	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	1,030	
Squares ...	...	...	...	...	...	10·30

ABSTRACT.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
2,954 C. feet.	Excavation for foundations ...	...	1,000 C. feet.	...
1,056 „	Earth-filling in basement ...	...	„	...
537 „	Concrete	...	100 „	...
1,135 „	Brickwork in foundations ...	...	„	...
599 „	Do. in basement	...	„	...
2,025 „	Do. in superstructure ...	...	„	...
45 „	Archwork	...	„	...
29 „	Cut-stone work	...	C. foot.	...
117 „	Teakwood wrought and put up ...	...	„	...
20 lb.	Wrought-iron work	...	lb.	...
64 S. feet.	Venetian and panel doors with frames.	...	S. foot.	...
70 „	Venetian windows with frames ...	...	„	...
88 „	Glazed windows with frames and iron bars for Record-room.	...	„	...
8·55 Squares.	Terrace roofing	...	Square.	...
2·16 „	Slope terracing	...	„	...
6·87 „	Flooring with 8-inch square bricks.	...	„	...
36·02 „	Plastering with two coats... ...	...	„	...
114 L. feet.	Plaster cornice exterior	...	L. foot.	...
12 „	Wooden railing	...	„	...
7·85 Squares.	Painting doors and windows and other exposed woodwork with three coats of Carson's oak color.	...	Square.	...

1901
10.

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
0· 30 Squares.	Wood-oiling roof timbers, &c., with three coats.	...	Square.	...
	Contingencies at 5 per cent. ...	...	...	...
	Total ...	...	...	...

MADRAS,
20th December 1881.

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

ESTIMATE of the Cost of constructing a Registrar's Office with terraced roofing according to Standard Design, Sheet No. 19, signed by the Officiating Consulting Architect to Government on 16th September 1881.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls		149 0	4 6	4 6	3,017	
Partition		27 0	3 8	4 6	446	
Verandah walls		44 9	3 6	4 6	705	
Steps		15 0	3 0	1 0	45	
Cubic feet					4,213	
Earth-filling in Basement.						
Rooms		30 0	40 0	1 6	1,800	
Platform		11 6	20 0	1 0	230	
Verandah		31 9	7 0	1 6	333	
Cubic feet					2,363	
Concrete—						
Outer walls		149 0	3 6	1 0	522	
Partition		28 0	2 8	1 0	75	
Verandah walls		45 9	2 6	1 0	114	
Steps		15 0	3 0	1 0	45	
Cubic feet					756	
Brickwork in Foundations.						
Footing course—						
Outer walls		149 0	2 8	1 6	596	
Partition		28 10	1 10	1 6	79	
Verandah walls		46 7	1 6	1 6	105	
Above footing to ground level—						
Outer walls		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah walls		47 0	1 0	2 0	94	
Cubic feet					1,633	
Brickwork in Basement.						
Outer walls		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah walls		47 0	1 0	2 0	94	
Steps		15 0	3 0	0 6	23	
Do.		13 0	2 0	0 6	13	
Do.		11 0	1 0	0 6	6	
					895	
Deduct stone in steps and under posts as per details.					33	
Cubic feet					862	

1901/11

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls		149 0	1 6	14 0		
Partition		30 0	1 6	14 0	3,759	
Corbels	8	1 0	0 6	1 6	6	
Parapet		151 0	1 0	0 6	76	
Do.		150 0	0 9	1 0	113	
Do.		151 0	1 0	0 4	50	
Binding wall		31 0	1 6	0 9	35	
Deductions—						4,039
Doors	2	4 0	1 6	8 0	96	
Windows	13	3 6	1 6	5 0	341	
Ventilators	7	3 6	1 6	2 3	83	
Archwork as per details					59	
Cubic feet						579
Archwork.						3,460
Segmental arches over doors	2	5 3	1 6	1 0		
Do. windows	6	4 9	1 6	1 0	59	C. feet.
Cut-stone work.						
Under posts	4	1 6	1 6	0 6		
Steps		45 0	1 3	0 6	5	
Slabs under beams	2	3 0	2 0	0 4	28	
Do.	4	2 0	2 0	0 4	4	
Cubic feet					5	
Teakwood.					42	
Beams	4	22 3	0 10			
Joists	56	12 3	0 3	1 5		105
Do.	28	10 9	0 3	0 6		
Do. small under coping	42	2 7½	0 3	0 6		
Do. angle do.	4	3 6	0 3	0 6		139
Waling pieces	2	35 3	0 2	0 6		
Do.	2	47 0	0 2	0 6		
Verandah posts	4	0 6	0 6	7 4½		14
Do. breastsummers	3	11 0	0 6	0 9		7
Do. brackets	6	1 1	0 3	1 1		12
Do. rafters	23	9 9	0 3	0 4		2
Do. wall-plate		33 0	0 3½	0 5		19
Do. eave board		33 0	0 ¾	0 6		4
Cubic feet						1
Wrought-iron work.						303
¾″ bolts to secure verandah wall plate.	6	1 9	=10 6	×1·47		
¾″ hex. nuts and heads	6			×·43	15·43	
3″ × 3″ ⅛″ washers	6			×·31	2·58	
lb					1·86	
Say lb.					19·87	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Do.
Windows with glazed shutters and frames and ¾" square iron bars for Record-room.	7	3 6	...	5 0	123	Do.
Glazed ventilators	7	3 6	...	2 3	55	Do.
Terrace roofing	...	36 0	...	47 6	1,710	Do.
Squares ...	...	...	...	...	...	17·10
Slope terrace for verandah	...	33 0	...	9 9	322	Sq. feet.
Squares ...	...	...	...	...	...	3·22
Flooring with 8-inch square bricks.						
Rooms	...	40 0	...	30 0	1,200	
Verandah	...	33 9	...	8 0	270	
Door pieces	2	4 0	...	1 6	12	
					1,482	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet ...	...	...	...	...	1,473	
Squares ...	...	...	...	...	...	14·73
Plastering with two coats.						
Interior	...	...	...	...	...	
Rooms	2	100 0	...	14 0	2,800	
Exterior	...	...	...	...	...	
Basement all round	...	173 3	...	2 4½	411	
Superstructure	...	155 0	...	14 0	2,170	
Parapet	...	151 0	...	5 0	755	
Binding wall	...	31 0	...	3 0	93	
Door jambs	2	20 0	...	1 6	60	
Window do.	6	17 0	...	1 6	152	
Do. do.	7	13 6	...	1 6	142	
Ventilator do.	7	8 0	...	1 6	84	
						6,668
Deductions—						
Doorways ... ... 2 ×	2	4	...	8 0	128	
Windows ... ... 2 ×	13	[illegible]	...	5 0	455	
Ventilators ... ... 2 ×	7	3	...	2 3	110	
						693
						5,975
Square feet ...	...	...	...	...	...	59·75
Squares...	...	...	...	...	166	
Plaster cornice at ends of terrace...L. feet.	...	...	...	...	20	
Wooden railing for Clerk's room ..L. feet.	...	...	...	...		

1901/12

Detailed Quantities.—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting doors, windows and exposed woodwork with three coats of Carson's oak paint.						
Venetian and panel doors	3	64 0				
Do. windows	3	105 0	...	...	192	
Glazed windows with iron bars	2	123 0	...	...	315	
Do. ventilators	1	55 0	...	...	246	
Waling pieces	...	164 6	...	...	55	
Verandah posts	4	2 0	...	1 2	192	
Do. brackets.	6	1 0	..	7 4½	59	
Eave Board	0	33 0	...	1 0	6	
Square feet ...	...	...	...	1 0	33	
Squares ...	...	...	...	...	1,098	
Wood-oiling, three coats.					...	10·98
Railing	2	20 0				
Beams	4	23 0	...	3 0	120	
Joists	56	12 3	...	3 8	337	
Do.	28	10 9	...	1 3	} 1,234	
Do.	42	2 7½	...	1 3		
Breastsummers	4	3 6	...	1 2		
Rafters	3	11 0	...	1 2	} 145	
Wall-plate	23	9 9	...	2 0		
	...	33 0	...	0 11	66	
Square feet ...	...	...	...	1 1½	206	
Squares ...	...	...	...	...	37	
					2,145	
					21·45	

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
4,213 C. feet ...	Excavation for foundations	...	1,000 C. feet.	...
2,363 " ...	Earth-filling in basement	...	"	...
1,633 " ...	Concrete	...	100 C. feet.	...
862 " ...	Brickwork in foundations	...	"	...
3,460 " ...	Do. in basement	...	"	...
59 " ...	Do. in superstructure	...	"	...
42 " ...	Archwork	...	"	...
303 " ...	Cut-stone work	...	"	...
20 lb. ...	Teakwood wrought and put up ...	...	"	...
64 S. feet ...	Wrought-iron work	...	"	...
105 " ...	Venetian and panel doors with frames.	...	Cubic foot.	...
123 " ...	Venetian windows with frames ...	...	"	...
" ...	Glazed windows with ... iron bars for Record-room ...	...	lb.	...
55 " ...	Glazed ventilators	...	Square foot.	...
17·10 Squares.	Terrace roofing	...	"	...
3·22 " ...	Slope terrace	...	"	...
14·73 " ...	Flooring with 8-inch square bricks ...	...	"	...
59·75 " ...	Plastering with two coats	...	Square.	...
166 Lin feet.	Plaster cornice, exterior	...	"	...
20 " ...	Wooden railing	...	"	...
		...	L. foot.	...
			"	...
				...

1901/13

DEPARTMENT PUBLIC WORKS.

REGISTRAR'S AND SUB-REGISTRAR'S OFFICES WITH TERRACE ROOFING.

Specification of works to be performed in executing the Standard Designs for Registrar's and Sub-Registrar's Offices according to Drawings, Sheets Nos. 19 *and* 21, *signed by the Officiating Consulting Architect on* 16*th September* 1881.

Excavator.

Clearing site.—Take down any existing building on the site, stacking such materials as it may be desirable to use again.

Excavation.—After the centre lines have been pegged and lined, set out on either side of the lines half the total breadth of the foundations, and excavate to the depth or depths shown on the drawing, or to such depth as the officer in charge of the works may direct.

Slips and Baling.—If slips occur during the progress of the works, clear the material away and bale any water lodging in the trenches from a hole or holes made without the limits of the same.

Ramming.—After the officer in charge of the work has seen that the trenches are the full and proper widths and depths well ram the bottom with heavy beaters for the after reception of the concrete.

Bricklayer.

Concrete.—Lay over the full breadth of the trenches about nine inches of concrete as hereinafter specified and well ram with heavy beaters to a thickness of about six inches. After the first layer has consolidated, lay a second and execute as before. The complete concrete should be about twelve inches thick.

Brickwork.—Mark off carefully the centre lines and lay off the thickness of the footing course according to the plan.

The brickwork will be executed in sound material, and care will be taken to insert during the progress of the work the door and window frames, wood-bricks for railing, &c.

The walls will be two bricks thick, about eighteen inches.

Splays.—The openings will be splayed as shown on the plan.

Arching.—The heads of the openings will be covered by segmental arches built in concentric rings clear of the frame. The space between the arch and the top of the frame will be carefully closed in after the brickwork has settled down.

Bond.—The bond should be English if possible.

Stones.—Set the stones under the verandah posts, also those under the beams and fasten properly. All wood supplied by the carpenter.

Stone Mason.

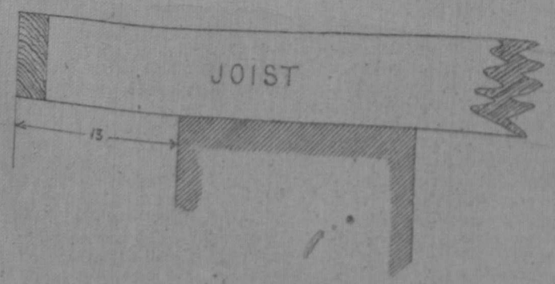
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

Steps.—Provide and dress two lines, the steps shown on the drawing, tailing each stone not less than three inches.

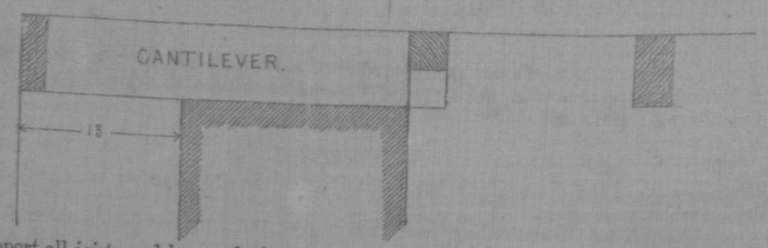
Carpenter.

Note.—*Vary this clause to suit Registrar's and Sub-Registrar's Offices.*—Supply beams ——— × ——— × ——— supply joists ——— × ——— × ——— supply doors, windows and ventilators as shown on the drawing neatly rebated and morticed in a workmanlike manner.

Halve the joists into the beam to the extent of half an inch. The longitudinal joists will project over the wall to the extent of about 13 inches including the waling piece.



small cantilevers will be arranged along the longitudinal walls halved under the joists nearest the wall thus—



Support all joists and beams during the execution of the terrace and slightly ease the wedges as the work progresses, allow the supports to remain for three weeks after the completion of the terrace.

TERRACE.

Lay over ordinary terrace brick in mortar and finish off in the particular method employed in the district, taking care to make proper slopes for drainage.

FLOORING.

After the surface has been brought up to the proper level lay an even floor of 8-inch square tiles, set diagonally. The tiles will be rubbed on the surface and gauged to fit each other.

PLASTERER.

Plaster the whole of the interior and exterior with two coats of plaster (see Specification Standard Designs for Police Stations, dated 15th January 1881).

MATERIALS.

The bricks will be cast in a mould ——— inches × ——— inches × ——— inches well burnt and free from defects.
The timber will be well seasoned and free from defects.
The lime will be collected at ——— properly burnt and slaked.
The sand will be collected at ———.

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

1901/14

ESTIMATE of the Cost of constructing a Sub-Registrar's Office with tiled roofing according to Standard Design, Sheet No. 22, signed by the Officiating Consulting Architect to Government on 16th September 1881.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls		99 0	4 6	4 6	2,005	
Partition		21 0	3 8	4 6	347	
Verandah walls		35 9	3 6	4 6	563	
Steps		13 0	3 0	1 0	39	
Cubic feet					2,954	
Earth-filling in Basement.						
Rooms		24 0	21 0	1 6	756	
Platform		12 0	8 6	1 0	102	
Verandah		25 9	5 1½	1 6	198	
Cubic feet					1,056	
Concrete.						
Outer walls		99 0	3 6	1 0	347	
Partitions		22 0	2 8	1 0	59	
Verandah walls		36 9	2 6	1 0	92	
Steps		13 0	3 0	1 0	39	
Cubic feet					537	
Brickwork in Foundations.						
Footing course—						
Outer walls		99 0	2 8	1 6	396	
Partition		22 10	1 10	1 6	63	
Verandah wall		37 7	1 6	1 6	85	
Above footing to ground level—						
Outer walls		99 0	2 3	2 0	445	
Partition		23 3	1 6	2 0	70	
Verandah wall		38 0	1 0	2 0	76	
Cubic feet					1,135	
Brickwork in Basement.						
Outer walls		99 0	2 3	2 0	446	
Partition		23 3	1 6	2 0	70	
Verandah wall		38 0	1 0	2 0	76	
Steps		13 0	3 0	0 6	20	
Do.		11 0	2 0	0 6	11	
Do.		9 0	1 0	0 6	5	
Deduct stone in steps and under posts as per details					628	
Cubic feet					29	
					599	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls		99 0	1 6	12 0	2,214	
Partition		24 0	1 6	12 0		
Gables	3	27 0	1 6	4 6	547	
Over gable ends	2	33 0	1 6	0 9	74	
Corbels	12	1 0	0 6	1 6	9	
Band over verandah roof	1	27 0	0 3	0 9	5	
						2,849
Deductions.						
Doorways	2	4 0	1 6	8 0	96	
Windows	8	3 6	1 6	5 0	210	
Gable ventilators	8	1 3	1 3	1 6	19	
Archwork as per details					94	
						419
Cubic feet						2,430
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	94	C. feet.
Do. windows	6	4 9	1 6	1 0		
Semi-circle arch for gable ventilator	2	11 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps		39 0	1 3	0 6	24	
Slabs under beams	3	2 0	3 0	0 4	6	
Do.	6	2 0	2 0	0 4	8	
Cubic feet					43	
Teakwood.						
Clerks' room purlins and ridge	3	14 0	0 5	0 9	23	
Record-room do.	3	11 0	0 5	0 9	3	
Wall-plates	2	25 6	0 3	0 3	57	
Rafters	36	19 0	0 3	0 4	6	
Struts	36	2 6	0 3	0 3	8	
Uprights (double)	72	3 2	0 3½	0 1½	1	
Eaves board	2	27 0	0 ¾	0 5	4	
Verandah posts	4	6 6	0 5	0 5	7	
Do. breastsummers	3	9 1½	0 5	0 7½	2	
Do. brackets	6	1 1	0 3	1 1	14	
Do. rafters	19	9 1½	0 3	0 4	3	
Do. wall-plates	1	27 0	0 3	0 5	1	
Do. eave board	1	27 0	0 ¾	0 5	129	
Cubic feet						
Wrought-iron work.						
¾″ diameter bolts to secure verandah wall-plate	6	1 9 = 10 6 ×		1·47 =	15·43	
⅝″ hex. nuts and bolt heads.	6	...	... ×	·43 =	2·58	
¾″ × 3″ × ⅛″ washers for do.	6	...	... ×	·31 =	1·86	
lb.					19·87	
Say lb.						20

1901/15.

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	4	3 6	...	5 0	70	Do.
Glazed windows with frames and ¾″ square iron bars for Record-room	4	3 6	...	5 0	70	Do.
Glazed ventilators in gables	8	1 3	...	1 3	12½	Do.
Tiled roofing.						
Over rooms		26 9				
Do. verandah		27 0	...	39 0	1,043	
			...	9 1½	246	
Square feet		...	...	...	1,289	
Squares		...	...	...	...	12·89
Flooring with 8-inch square bricks.						
Clerks' and Registrar's rooms		24 0	...	12 0	288	
Record-room		24 0	...	9 0	216	
Verandah		27 9	...	6 6	180	
Door pieces	2	4 0	...	1 6	12	
Deduct stones under posts	4	1 6	...	1 6	696	
					9	
Square feet		...	...	...	687	
Squares		...	...	...	...	6·87
Plastering with two coats.						
Interior—						
Clerks' and Registrar's room		72 0	...	12 0	864	
Record-room		66 0	...	12 0	792	
Gables	4	24 0	...	4 6	432	
Exterior—						
Basement all round		120 3	...	2 4½	286	
Superstructure		105 0	...	12 0	1,260	
Gables	2	27 0	...	5 2	279	
Wall over do.	2	33 0	...	3 0	198	
Door jambs	2	20 0	...	1 6	60	
Window do.	4	17 0	...	1 6	102	
Do. do.	4	13 6	...	1 6	81	
Deductions.						4,354
Doorways 2 ×	2	4 0	...	8 0	128	
Windows 2 ×	8	3 6	...	5 0	280	
						408
Square feet		...	...	...	...	3,946
Squares		...	...	...	...	39·46
Wooden Railing.						
For Clerks' room ... Lineal feet.					12	

Detailed Quantities—cont.

Description of Work.	No.	Length. FT. IN.	Breadth. FT. IN.	Depth. FT. IN.	Contents.	Total.
Painting doors, windows and exposed woodcork with three coats of Carson's paint.						
Venetian and panel doors	3	64 0	...	...	192	
Do. windows	3	70 0	...	...	210	
Glazed windows with iron bars ...	2	70 0	...	...	140	
Glazed ventilators	...	...	...	...	13	
Struts	36	2 6	...	1 0	90	
Uprights	72	3 0	...	0 8½	153	
Eaves boards	2	27 0	...	0 9	41	
Verandah posts...	4	6 6	...	1 8	43	
Do. brackets	6	1 0	...	1 0	6	
Do. eave board	...	27 0	...	0 9	20	
Square feet ...	...	...	...	...	908	
Squares ...	...	...	...	...	...	9·08
Wood-oiling, three coats.						
Railing	2	12 0	...	3 0	72	
Purlings and ridge	3	14 0	...	1 11	} 144	
Do.	3	11 0	...	1 11		
Rafters	36	19 0	...	0 11	627	
Breastsummers	...	27 0	...	1 8	45	
Rafters	19	9 1½	...	0 11	159	
Wall-plate	...	27 0	...	0 8	18	
Square feet	...	...	..	...	1,065	
Squares	...	...	...	...	...	10·65

ABSTRACT.

Quantity.	Item.	Rate. RS. A. P.	Per	Amount. RS. A. P.
2,954 C. feet.	Excavation for foundations ...	...	1,000 C. feet.	...
1,056 „	Earth-filling in basement... ...	...	„	...
537 „	Concrete	...	100 C. feet.	...
1,135 „	Brickwork in foundations ...	...	„	...
599 „	Do. in basement	...	„	...
2,430 „	Do. in superstructure ...	...	„	...
94 „	Archwork	...	„	...
43 „	Cut-stone work	...	C. foot.	...
129 „	Teakwood wrought and put up ...	...	„	...
20 lb.	Wrought-iron work	...	lb.	...
64 Sq. feet.	Venetian and panel doors with frames	...	Sq. foot.	...
70 „	Venetian windows with frames ...	...	„	...
70 „	Glazed windows with frames and iron bars for record-room ...	...	„	...
12½ „	Glazed ventilators in gables ...	...	„	...
12·89 Squares.	Tiled roofing with flat and pan tiles including teak reepers ...	...	Square.	...

1901/16

ABSTRACT—*cont.*

Quantity.	Item.	Rate. RS. A. P.	Per	Amount. RS. A. P.
6·87 Squares.	Flooring with 8-inch square bricks.	...	Square.	...
39·46 „	Plastering with two coats	...	„	...
12 L. feet.	Wooden railing	...	L. foot.	...
9·08 Squares.	Painting doors, windows and exposed wood-work with three coats of Carson's oak paint.	...	Square.	...
10·65 „	Wood-oiling roof-timbers, &c., three coats.	...	„	...
	Contingencies at 5 per cent. ...	...	...	...
	Total ...	...	...	...

MADRAS,
20th December 1881.

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

ESTIMATE of the Cost of constructing a Registrar's Office with tiled roofing according to Standard Sheet No. 20, signed by the Officiating Consulting Architect to Government on 16th September 1881.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls		149 0	4 6	4 6	3,017	
Partition		27 0	3 8	4 6	446	
Verandah walls		44 9	3 6	4 6	705	
Steps		15 0	3 0	1 0	45	
Cubic feet					4,213	
Earth-filling in Basement.						
Rooms		30 0	40 0	1 6	1,800	
Platform		11 6	20 0	1 0	230	
Verandah		31 9	7 0	1 6	333	
Cubic feet					2,363	
Concrete.						
Outer walls		149 0	3 6	1 0	522	
Partition		28 0	2 8	1 0	75	
Verandah walls		45 9	2 6	1 0	114	
Steps		15 0	3 0	1 0	45	
Cubic feet					756	
Brickwork in Foundations.						
Footing course—						
Outer walls		149 0	2 8	1 6	596	
Partition		28 10	1 10	1 6	79	
Verandah walls		46 7	1 6	1 6	105	
Above footing to ground level—						
Outer wall		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah wall		47 0	1 0	2 0	94	
Cubic feet					1,633	
Brickwork in Basement.						
Outer walls		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah walls		47 0	1 0	2 0	94	
Steps		15 0	3 0	0 6	23	
Do.		13 0	2 0	0 6	13	
Do.		11 0	1 0	0 6	6	
					895	
Deduct stone in steps and under posts as per details.					33	
Cubic feet					862	
Brickwork in Superstructure.						
Outer walls		149 0	1 6	14 0	3,759	
Partition		30 0	1 6	14 0		

1901/17

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure—cont.						
Gables	3	33 0	1 6	5 3	780	
Over gable end	2	40 0	1 6	0 9	90	
Corbels	12	1 0	0 6	1 6	9	
Band over verandah roof		33 0	0 3	0 9	6	
Deductions—						4,644
Doors	2	4 0	1 6	8 0	96	
Windows	12	3 6	1 6	5 0	315	
Ventilators	4	3 6	1 6	2 3	47	
Archwork as per details					108	
Cubic feet						566
						4,078
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	16	
Do. do. windows	8	4 9	1 6	1 0	57	
Semicircular arches for gable ventilators.	2	11 9	1 6	1 0	35	
Cubic feet					108	
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps		45 0	1 3	0 6	28	
Slabs under beams	3	3 0	2 0	0 4		
Do.	6	2 0	2 0	0 4	14	
Cubic feet					47	
Teakwood.						
Purlins and ridge	6	22 3	0 9	1 2	117	
Wall plates	2	44 6	0 3	0 3	6	
Rafters	60	22 6	0 3	0 5	141	
Struts	60	2 6	0 3	0 3	9	
Uprights, double	120	3 2	0 1½	0 3½	14	
Eaves board	2	45 9	0 ¾	0 6	3	
Verandah posts	4	0 6	0 6	7 4½	7	
Do. breastsummers	3	11 0	0 6	0 9	12	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	23	10 9	0 3	0 5	26	
Do. wall-plate	1	33 0	0 3½	0 6	4	
Do. eave board	1	33 0	0 ¾		1	
Cubic feet					342	
Wrought iron work.						
¾″ diameter bolts to secure verandah wall-plate.	6	1 9	=10 6	× 1·47	=15·43	
⅝″ hex. nuts and heads	6					
3″ × 3″ × ⅛″ washers for heads	6					
lb.				× ·43	= 2·58	
				× ·31	= 1·86	
Say lb.					19·87	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sq. feet.
Windows with glazed shutters and frames and $\frac{3}{4}$" square iron bars.						
For record-room	6	3 6	...	5 0	105	Sq. feet.
Glazed ventilators with frames.						
At sides	4	3 6	...	2 3	31½	
At gables	8	1 3	...	1 3	12½	
Square feet ...	...	...	...	...	44	
Tiled roofing.						
Over rooms	...	45 9	...	46 0	2,105	
Over verandah	...	33 0	...	10 9	355	
Square feet ..	...	...	...	...	2,460	
Squares ...	...	...	...	...	...	24·60
Flooring with 8-inch square bricks over a levelling course of wall bricks.						
Rooms	...	40 0	...	30 0	1,200	
Verandah	...	33 9	...	8 0	270	
Door pieces	2	4 0	...	1 6	12	
Deduct stones under posts	4	1 6	...	1 6	1,482 9	
Square feet ...	...	...	...	...	1,473	
Squares ...	...	...	...	...	...	14·73
Plastering with two coats.						
Interior—						
Rooms	2	100 0	...	14 0	2,800	
Gables	4	30 0	...	5 3	630	
Exterior—						
Basement all round	...	173 3	...	2 4½	411	
Superstructure	...	155 0	...	14 0	2,170	
Gables	2	33 0	...	5 6	363	
Wall over do.	2	40 0	...	3 0	240	
Door jambs	2	20 0	...	1 6	60	
Window do.	8	17 0	...	1 6	204	
Do.	4	13 6	...	1 6	81	
Ventilator do	4	8 0	...	1 6	48	
Deductions—						
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	12	3 6	...	5 6	462	
Ventilators ... ... 2 ×	4	3 6	...	2 3	63	653
Square feet ...	...	...	...	...	...	6,354
Squares ...	...	...	...	...	...	63·54

1901 / 18

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Wooden railing.						
For Clerks' room ... ... Lineal feet	...	...	...	...	20	
Painting doors, windows and exposed woodwork with three coats of Carson's oak paint.						
Venetian doors	3	64 0				
Do. windows	3	105 0	...	...	192	
Glazed windows with iron bars ...	2	105 0	...	...	315	
Do. ventilators	...	...	...	...	210	
Struts	60	2 6	...	...	44	
Uprights	120	3 2	...	1 0	150	
Eaves board	2	45 9	...	0 8½	269	
Verandah posts	4	2 0	...	0 10½	80	
Brackets	6	1 0	...	7 4½	59	
Eave board	1	33 0	...	1 0	6	
			...	0 10½	29	
Square feet ...	...	...	...	...	1,354	
Squares ...	...	...	...	...	...	13·54
Wood-oiling, three coats.						
Railing	2	20 0				
Purlins and ridge	6	22 3	...	3 0	120	
Rafters	60	22 6	...	3 1	412	
Breastsummers	3	11 0	...	1 1	1,463	
Rafters	23	10 9	...	2 0	66	
Wall-plate	1	33 0	...	1 1	268	
			...	1 1½	37	
Square feet ...	...	...	...	...	2,366	
Squares ...	...	...	...	...	...	23·66

ABSTRACT.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
4,213 C. feet	Excavation for foundation	...	1,000 C. feet.	...
2,363 "	Earth-filling in basement	...	"	...
756 "	Concrete	...	100 "	...
1,633 "	Brickwork in foundations	...	"	...
862 "	Do. in basement	...	"	...
4,078 "	Do. in superstructure	...	"	...
108 "	Archwork	...	"	...
47 "	Cut-stone work	...	"	...
342 "	Teakwood wrought and put up ...	...	"	...
20 lbs.	Wrought-ion work	...	"	...
64 S. feet.	Venetian and panel doors with frames.	...	C. foot.	...
105 "	Venetian windows with frames ...	...	"	...
105 "	Glazed windows with frames and iron bars for record room ...	...	lb.	...
44 "	Glazed ventilators	...	Square foot.	...
		...	"	...
		...	"	...
		...	"	...

ABSTRACT.—*cont.*

Quantity.		Item.	Rate. RS. A. P.	Per	Amount. RS. A. P.
24·60	Squares.	Tiled roofing with flat and pan tiles including teak reepers	...	Square.	...
14·73	„	Flooring with 8-inch square bricks ...	...	„	...
63·54	„	Plastering with two coats	...	„	...
20	L. feet.	Wooden railing	...	L. foot.	...
13·54	Squares.	Painting with three coats of Carson's paint	...	Square.	...
23·66	„	Wood-oiling roof timbers, three coats	...	„	...
...		Contingencies at 5 per cent.	...	...	...
		Total ...	...		...

MADRAS,
20th December 1881.

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

1901/09

DEPARTMENT PUBLIC WORKS.

REGISTRAR'S AND SUB-REGISTRAR'S OFFICES WITH TILED ROOFING.

Specification of works to be performed in executing the Standard Designs for Registrar's and Sub-Registrar's Offices, according to Drawing Sheets, Nos. 20 and 22, signed by the Officiating Consulting Architect on the 16th September 1881.

EXCAVATOR.

Clearing site—Take down any existing building on the site, stacking such materials as it may be desirable to use again.

Excavation.—After the centre lines have been pegged and lined, set out on either side of the lines half the total breadth of the foundations and excavate to the depth or depths shown on the drawing, or to such depth as the officer in charge of the works may direct.

Slips and Baling.—If slips occur during the progress of the works clear the material away and bale any water lodging in the trenches from a hole or holes made without the limits of the same.

Ramming.—After the officer in charge of the work has seen that the trenches are the full and proper widths and depths, well ram the bottom with heavy beaters for the after reception of the concrete.

BRICKLAYER.

Concrete.—Lay over the full breadth of the trenches about 9 inches of concrete as hereinafter specified and well ram with heavy beaters to a thickness of about 6 inches. After the first layer has consolidated lay a second and execute as before. The complete concrete should be about 12 inches thick.

Brickwork.—Mark off carefully the centre lines and lay off the thickness of the footing course according to the plan.

The brickwork will be executed in sound material, and care will be taken to insert during the progress of the work the door and window frames, wood-bricks for railing, &c.

The walls will be two bricks thick, about 18 inches.

Splays.—The openings will be splayed as shown on the plan.

Arching.—The heads of the openings will be covered by segmental arches built in concentric rings clear of the frame. The space between the arch and the top of the frame will be carefully closed in after the brickwork has settled down.

Bond.—The bond should be English if possible.

Stones.—Set the stones under the verandah posts, also those under the beams and fasten properly. All wood supplied by the carpenter.

STONE MASON.

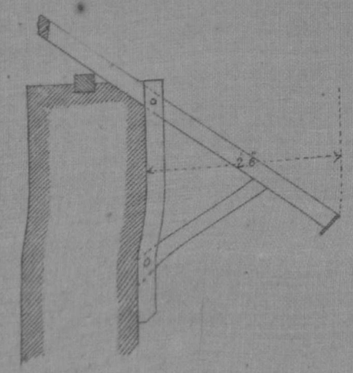
Provide and dress two lines No. 4 stones 1′ 6″ × 1′ 6″ × 6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

Steps.—Provide and dress two lines, the steps shown on the drawing, tailing each stone not less than three inches.

CARPENTER.

NOTE.—*Vary this clause to suit Registrar's and Sub-Registrar's Offices.*—Supply beams ——— × ——— × ——— supply rafters ——— × ——— × ——— supply doors windows and ventilators as shown on the drawing, neatly rebated and morticed in a workmanlike manner.

The rafters will be notched over the beams and project 2 feet 6 inches from the face of the wall and strutted as shown on the drawing.



ROOFING.

Tiling.—Cover the roof with well burnt flat and pan tiles laid in the usual manner and the ridge with tiles specially made for the purpose.

Chunam bands.—Protect the ridge with chunam and lay bands on the tiling ——— inches broad and ——— inches apart rough cast on the surface.

FLOORING.

After the surface has been brought up to the proper level lay an even floor of 8-inch square tiles set diagonally. The tiles will be rubbed on the surface and gauged to fit each other.

PLASTERER.

Plaster the whole of the interior and exterior with two coats of plaster. (See Specification Standard Design for Police Stations, dated 15th January 1881.)

MATERIALS.

The bricks will be cast in a mould ——— inches × ——— inches × ——— inches, well burnt and free from defects.

The timber will be well seasoned and free from defects.

The lime will be collected at ——— properly burnt and slaked.

The sand will be collected at ———.

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

No. 1901 W

Public Works Department, 1885-86.

1901/20

Sanction.
C.S.
11.4.85
B/

Current No. 1825

Letter No. 1381

Dated the 31st July 1885

From the Secretary to Govt. — Jud. & Dept.

NOTE OF REMARKS.

1. With reference to G.O. No. 488 W. of the 4th June/84 the accompanying estimate, with site plan is submitted for constructing a sub-registrar's office at Tamiacheri in the Malabar district. The estimate amounts to Rs. 2,920.

2. The proposed office is to be built on the lines of the standard design for sub-registrars' offices sanctioned in G.O. No. 120 W. of the 14th Jan. 82. The masonry is to be laterite stone-in-mortar. The roofing is to be of machine made tiles over plank ceiling. Four weather boards are provided. The sum to be paid as 'compensation for land' is Rs. 4.

3. The site plan and estimate

Conf. 12-832
Returned W.D. 12.8.85 R. 17.8.85
R. 10.8.85 Rs. 11.8.85 R. 12.8.85

have been countersigned by the Inspr Genl of Registration, and approved in the Judicial Department.

8th August/85.

BH

No 210/M. 190/21

Superintending Engrs Office. 4th Circle
Coimbatore 20th July 1885.

From,

The Superintending Engineer
4th Circle.

To,

The Inspector General
of Registration
Madras.

Enclosures 4.
1. Site Plan.
1. Report
1. Estimate
1. Duplicate abstract.
4.

Sir,

With reference to para 4 of my letter No 129 dated 13th April last I have the honor to forward for transmission to Government for sanction the estimate amounting to Rs 2,926 for constructing a Sub Registrar's office at Tamracheri together with a site plan and report.

2. The estimate for a Sub Registrar's office at Koduvayur will be sent to you as soon as the Collector settles the compensation for the site which is proposed to be

taken

taken up under the Land Acquisition Act.

I have the honor to be
Sir.
Your Most Obdt Servt

L. Beatty Colonel R.E.
Superintending Engr. W Circ.

Dft

7. N 2316 24. July 1885.

Submitted for the sanction of the Government.

W. Hamnett
Inspr Genl of Rlys

The Chief Secretary to the Government of Bengal

1901/22

Jud 6826/85

P to p. 120 - 4 - 1 - 82
" 1488 - 14 - 6 - 84 to 147
20-6-85

CURRENT NO. 2645

Judicial (1885) Department

Registration Rec'd 6826

From

The Inspector General
of Registration
Madras

To

The Chief Secretary
to Government
Ootacamund

Dated 24th July 1885.
Received 27th "
No. 1316.
Enclosures (Four)
(Plan)
*Rs 2720.

Submitting for the sanction of Government an Estimate from the Superintending Engineer IV. Circle for Constructing a Sub Registry office at Tamaracherry, Calicut Dt.

Sent to Ch. Sec. to Govt. R. 17-8-85
Returned to B. 10-8-85 R. 17-9-85
Pys. 88/7.

29/7

Sanctioned W. 15-8-85

Buildings & Roads
Civil Works

PUBLIC WORKS DEPARTMENT.

1901/23

No. 1901 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 17th August 85

READ the following

From the Inspector General of Registration - H. E. No: 2316 d/ 24th July 1885
Endorsement by the Judicial Department. H. E. No: 1381 d/ 31st July 1885

The estimate amounting to Rs. 2,926, for constructing a sub-registrar's office at Tamracheri in the Malabar District, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No: 105 W of 1885-86, and classified as Civil Buildings, Original Works.

CW.
13.8.85

WS.
15-8-85

To
The Supty. Engr. IV Circle with 3 enclos.
" Examiner P.W. Accts with duplicate abstract estimate
" Judicial Department.

Maj

1901
24

6896

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated 19/8/85

Read. Encl.

G.O. 17 Aug 1885, No. 901

Rubber Stamp Price

at Tamaracheri, Malabar

Rs 6-4

Letter — ; Sanction

70 copies
5 Rs.

9d 1875

4 1878