(1) Number of pages 46

(2) Date of repair 6-8-87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No. / B.P. No.	1295 —W	Press. / Mis.
Dated	2.5.1883	198

62 y

Not to be folded or roughly handled.

Archives —I 10,006-9 80

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 24th April 1883, No. 341:—

1 Abstract Estimate.
1 Site Plan.
1 Report.

With reference to G.O., No. 2409 W., dated 16th September 1882, I have the honor to submit for sanction an estimate of Rs. 2,175 for building a Sub-Registrar's Office at Ulundurpet in the South Arcot District on the standard design, approved in G.O., No. 120 W., dated 14th January 1882.

Weather-boards are provided for the windows, as allowed in G.O., No. 509 W., of 15th February 1883.

ORDER—dated 2nd May 1883, No. 1295 W., Public Works.

The estimate, amounting to Rs. 2,175, for constructing a Sub-Registrar's Office at Ulundurpet, in the South Arcot District, is sanctioned for execution when funds are available.

This sanction has been registered as Provincial No. 24 W. of 1883-84 and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, Fifth Circle, with three Enclosures.
" Examiner, Public Works Accounts.
" Inspector-General of Registration.
" Judicial Department.

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated May, 2nd.

Recd. *Encl.*

G.O., 2nd May 1883, No. 1295 W.

MAY.

Sub-Registrar's Office at Ulundurpet

The estimate for constructing a —, sanctioned.

1295
W

17TH AUGUST 1882, No. 1012, JUDICIAL.

GOVERNMENT OF MADRAS.

JUDICIAL DEPARTMENT.

READ—the following paper :—

From G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Ootacamund, 9th August 1882, T. No. 2602.

While inspecting some of the Sub-Registry Offices in the district of South Arcot in October last year, it struck me very forcibly that the small number of registrations in the district was due more to the agency employed rather than to the want of documents to be registered, and I accordingly suggested to the Registrar to consider whether special officers might not be appointed at Ulundurpet and Kallakurchi.

2. On the 3rd April 1882 the Registrar reported that—

"The Revenue Officers who are at present in charge of these offices being saddled with their own magisterial and other duties have very little time at their disposal to devote to registration work, and, as a necessary consequence, the parties resorting to those offices are unavoidably subjected to inconveniences, the natural tendency of which is to affect injuriously the development of registration in those localities. In Ulundurpet especially it has become usual with money lenders to split up their documents exceeding Rs. 100 in value into two or more smaller values so as to evade the obligation to register. Under such circumstances, the appointment of special officers to these backward parts would, by removing the present difficulties and affording special facilities, act as an inducement to registration, and the people would not be slow to avail themselves of the advantages which registration confers on all deeds in general."

3. Mr. Cruickshank, the Collector of the district, whom I consulted, states "that there is no objection to the establishment of Special Sub-Registry Offices at Kallakurchi and Ulundurpet, provided separate buildings are assigned for such offices, as the existing offices of the Tahsildar and Deputy Tahsildar at the respective stations cannot be made use of for the purpose without causing serious inconvenience to themselves and their establishment."

4. After some correspondence it has been ascertained by Mr. Cruickshank that "a house belonging to one Thirukami Chetty is available at Kallakurchi for a rent of Rs. 3 per mensem," but that no house is procurable at Ulundurpet.

5. The registrations, receipts and expenditure at the two stations stood as follow during the last two years :—

—	—	Registrations.	Receipts.	Expenditure.
		No.	Rs.	Rs.
1880-81	Ulundurpet	297	367	211
Do.	Kallakurchi	302	381	203
1881-82	Ulundurpet	294	348	192
Do.	Kallakurchi	243	344	199

The minimum cost of a special establishment for the first year amounts to Rs. 408, and exceeds the income of Kallakurchi for 1881-82 by Rs. 154, which excess can be met from the surplus in the district, amounting during the year 1881-82 to Rs. 8,486.

6. As there is no building at Ulundurpet in which a Special Sub-Registry Office can be placed, I have the honor to recommend that a new office, on the standard plan, be built there, and that the sanction of the Government may be obtained for—

(*a*) The transfer of the Sub-Registry Office at Kallakurchi to a special officer from the 1st October 1882;

	RS.	A.	P.
(*b*) For the following establishment—			
One Sub-Registrar, 1st year ... ... (to be raised to Rs. 30 afterwards.)	25	0	0
One Clerk on commission of not less than ...	10	0	0
One Peon	6	0	0
Contingencies	0	8	0
Per Mensem ...	41	8	0
Per Annum ...	498	0	0

(*c*) For rent of a house at Rs. 3 per month; and
(*d*) For a night-watchman and sweeper, Rs. 4-8-0 a-month.

ORDER—dated 17th August 1882, No. 1012, Judicial.

The several proposals made in paragraph 6, clauses (*a*) to (*d*), are sanctioned with effect from the date specified.

The Department of Public Works will be requested to issue the necessary orders for the construction of an office at Ulundurpet.

(True Extract.)

C. G. MASTER,
Chief Secretary.

To the Inspector-General of Registration, with enclosure.
" Public Works Department.
" Revenue Department.
" Accountant-General.

Exd. C. Howarth.

1295
3

Govt. of {1882} Madras.

JUDICIAL.

Order thereon No. 2409 dy 16 Sept. 1882.

Issued

Recd. Encl.

To the Superintending Engineer Fifth Circle for Submission of the requisite estimate

(True Extract)

(Sd) R. H. Sankey Col. RE
Secretary to Govt.

To The Supdg. Engineer Fifth Circle
" Judicial Department

G.O., 17th August 1882, No. 1012.

AUGUST.

Registration.

Sanctioning the several proposals of the Inspector-General in connection with the appointment of Special Officers at Ulundurpet and Kallakurchi in the South Arcot District.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. ~~213~~ 113.

READ—the following letter from J. W. RUNDALL, Esq., Superintending Engineer, Second Circle, to the Chief Engineer, Public Works Department, dated Masulipatam, 29th January 1883, No. 1992 K.S.:—

I have the honor to forward, for the sanction of Government, abstract estimates for Sub-Registrars' Offices at Bezváda, Gudiváda, Ponnur, and Narsaraopet. The estimates were returned by the Inspector-General of Registration, who requested that sun-shades over the two windows in the office rooms might be allowed, as experience has shown that they are absolutely necessary.

2. I would, therefore, suggest that a memorandum directing that sun-shades be added to the standard plan should be issued.

3. There has been great difficulty about arranging for a site for the Sub-registrar's Office at Gudiváda.

4. The only site suitable has to be purchased for Rs. 280, and if not acquired at once may not be secured.

5. I request, therefore, that, if possible, Rs. 280 be allowed in the current year, to enable this site to be purchased at once.

6. The estimates for the offices at the other stations, mentioned in G.O., No. 994 W., dated 22nd April 1882, have been forwarded to the Inspector-General of Registration for countersignature and submission to Government.

7. The delay has been due to correspondence with the Revenue officers regarding the sites.

No. ~~214~~ 114.

ORDER—dated 15th February 1883, No. 509 W., Public Works.

The undermentioned estimates for constructing Sub-Registrars' Offices at the following stations in the Kistna District are sanctioned for execution when funds are available:—

Station.	Amount of Estimate.	Register Number.
	RS.	
Bezváda	1,920	Provincial No. 334 W. of 1882-83.
Gudiváda	2,800	Do. „ 235 W. of „
Ponnur	2,740	Do. „ 236 W. of „
Narsaraopet	2,650	Do. „ 237 W. of „

2. The sum of Rs. 280 is appropriated from the Provincial Reserve for the acquisition of the site at Gudiváda referred to by the Superintending Engineer.

3. These sanctions have been registered as shown above and classified as Civil Buildings, Original Works.

4. There is no objection to the provision of sun-shades or weather-boards over the windows of Registration Offices wherever required.

(True Extract.)

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

To the Superintending Engineer, Second Circle, with 4 Enclosures.
To other Superintending Engineers.
To the Examiner, Public Works Accounts, with 3 duplicate Abstract Estimates.
" Inspector-General of Registration.
" Judicial Department.

Exd. C. Howarth.
Spare Copies

1295/5

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated February, 15th.

Read. *Encl.*

G.O., 15th Feb. 1883, No. 509 W.

FEBRUARY.

Nos. ~~213-214~~.
113-114

Sub-Registrars' Offices.

Estimates for — at certain stations in the Kistna District, sanctioned.

1295
46

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 inadvisable 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.

No. 2150.

MEMORANDUM.

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

(By Order.)

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

19th September 1881.

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 Govt., P.W.D.

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

Exd. S. T. Austin.
Spare Copies

105/7

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated January, 14th.

Issued.

Read.

G.O., 14th *January* 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.

1215/8

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
		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	
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 0	1 0	0 6	5	
						628
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.
		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		
Parapet	...	101 0	1 0	0 6	51	
Do.	...	100 0	0 9	1 0	75	
Binding wall	...	101 0	1 0	0 4	34	
	...	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	15·13	
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.

1295/9

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	855	Do.
Squares ...	...	...	...	...	...	8·55
Slope terracing for verandah	...	27 0	...	8 0	216	Sq. feet.
Squares ...	...	...	...	...	...	2·16
Flooring with 8-inch square bricks over a levelling course.						
Clerks and Registrar's room	...	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	
					696	
Deduct stones under posts	4	1 6	...	1 6	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	
Exterior—						
Basement all round		120 3	...	2 4½	286	
Superstructure		105 0	...	12 0	1,260	
Parapet		101 0	...	5 0	505	
Binding wall	2	25 0	...	3 0	75	
Door jambs	4	20 0	...	1 6	60	
Window jambs	5	17 0	...	1 6	102	
Do.		13 6	...	1 6	101	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	...	...	192	
Do. windows ...	3	70 0	...	...	210	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Painting doors, windows and exposed woodwork with three coats of Carson's paint—cont.		FT. IN.	FT. IN.	FT. IN.		
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	
Breastsummers	4	3 6	...	1 2	}	
Rafters	...	27 0	...	1 8	45	
Wall-plate	19	8 0	...	0 9½	120	
	...	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.	...

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
10·30 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	

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	3,759	
Partition		30 0	1 6	14 0		
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	
						4,039
Deductions—						
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	
						579
Cubic feet						3,460
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	59	C. feet.
Do. windows	6	4 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps		45 0	1 3	0 6	28	
Slabs under beams	2	3 0	2 0	0 4	4	
Do.	4	2 0	2 0	0 4	5	
Cubic feet					42	
Teakwood.						
Beams	4	22 3	0 10	1 5	105	
Joists	56	12 3	0 3	0 6		
Do.	28	10 9	0 3	0 6	139	
Do. small under coping	42	2 7½	0 3	0 6		
Do. angle do.	4	3 6	0 3	0 6		
Waling pieces	2	35 3	0 2	0 6	14	
Do.	2	47 0	0 2	0 6		
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	9 9	0 3	0 4	19	
Do. wall-plate		33 0	0 3½	0 5	4	
Do. eave board		33 0	0 ¾	0 6	1	
Cubic feet					303	
Wrought-iron work.						
¾″ bolts to secure verandah wall-plate.	6	1 9	=10 6	×1·47	15·43	
¾″ hex. nuts and heads	6			× ·43	2·58	
3″ × 3″ ⅛″ washers	6			× ·31	1·86	
lb.					19·87	
Say lb.						

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	153	
Do. do.	7	13 6	...	1 6	142	
Ventilator do.	7	8 0	...	1 6	84	
						6,668
Deductions—						
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	13	3 6	...	5 0	455	
Ventilators ... ... 2 ×	7	3 6	...	2 3	110	
						693
Square feet ...	...	...	...	...	...	5,975
Squares ...	...	...	...	...	...	59·75
Plaster cornice at ends of terrace... L. feet.	...	...	...	...	166	
Wooden railing for Clerks' room... L. feet.	...	...	...	...	20	

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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.					192	
Venetian and panel doors	3	64 0	...	...	315	
Do. windows	3	105 0	...	...	246	
Glazed windows with iron bars ...	2	123 0	...	...	55	
Do. ventilators	1	55 0	...	...	192	
Waling pieces	...	164 6	...	1 2	59	
Verandah posts...	4	2 0	...	7 4½	6	
Do. brackets	6	1 0	...	1 0	33	
Eave board	0	33 0	...	1 0	1,098	
Square feet ...	...	...	...	...	...	10·98
Squares ...	...	...	...	...		
Wood-oiling, three coats.						
Railing	2	20 0	...	3 0	120	
Beams	4	23 0	...	3 8	337	
Joists	56	12 3	...	1 3	1,234	
Do.	28	10 9	...	1 3		
Do.	42	2 7½	...	1 2	145	
Do.	4	3 6	...	1 2		
Do.	3	11 0	...	2 0	66	
Breastsummers...	23	9 9	...	0 11	206	
Rafters	...	33 0	...	1 1½	37	
Wall-plate	...				2,145	
Square feet ...	...	...	...	...		21·45
Squares ...	...	...	...	...	...	

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

ABSTRACT— *cont.*

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
10·98 Squares.	Painting doors, windows, and exposed woodwork with three coats of Carson's oak paint	...	Square.	...
21·45 „ ...	Wood-oiling roof timbers, &c., with 3 coats	...	„	...
	Contingencies at 5 per cent	...	...	...
	Total ..	...	...	...

MADRAS,
20th December 1881.

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

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 courses 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.

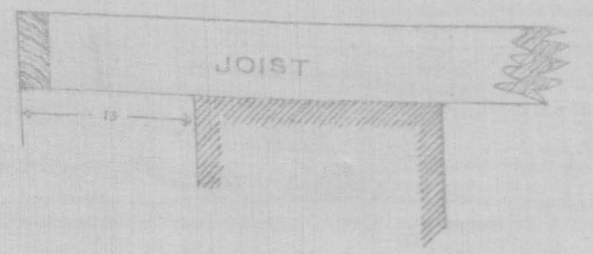
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

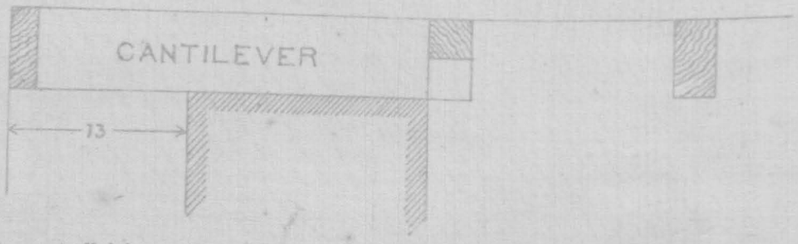
CARPENTER.

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.

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	
					628	
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.
		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		
Wall-plates	2	25 6	0 3	0 3	3	
Rafters	36	19 0	0 3	0 4	57	
Struts	36	2 6	0 3	0 3	6	
Uprights (double)	72	3 2	0 3½	0 1½	8	
Eaves board	2	27 0	0 ¾	0 5	1	
Verandah posts	4	6 6	0 5	0 5	4	
Do. breastsummers	3	9 1½	0 5	0 7½	7	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	19	9 1½	0 3	0 4	14	
Do. wall-plates	1	27 0	0 3	0 5	3	
Do. eave board	1	27 0	0 ¾	0 5	1	
Cubic feet ...	...	...	...	...	129	
Wrought-iron work.						
¾" diameter bolts to secure verandah wall-plate	6	1 3 =	10 6 ×	1·47 =	15·43	
¾" hex. nuts and bolt heads ...	6	...	... ×	·43 =	2·58	
3" × 3" × ⅛" washers for do. ...	6	...	... ×	·31 =	1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	...	...	...	

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	...	39 0	1,043	
Do. verandah	...	27 0	...	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	
					696	
Deduct stones under posts	4	1 6	...	1 6	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	
						4,354
Deductions.						
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.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting doors, windows and exposed woodwork 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	
Purlins 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.	Per.	Amount.
		RS. A. P.		RS. A. P.
2,954 C. feet.	Excavation for foundations ...	...	1,000 C. feet.	...
1,056 ,,	Earth-filling in basment	...	,,	...
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.	...

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		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.

1295/16

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 0	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	}	

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	
						4,644
Deductions—						
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	
						566
Cubic feet ...	...	...	...	...	...	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	} 14	
Do.	6	2 0	2 0	0 4		
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 5	4	
Do. eave board	1	33 0	0 ¾	0 6	1	
Cubic feet ...	...	...	...	...	342	
Wrought-iron work.						
¾″ diameter bolts to secure verandah wall-plate.	6	1 9	=10 6	×1·47	=15·43	
¾″ hex. nuts and heads	6	...	...	× ·43	= 2·58	
3″ × 3″ × ⅛″ washers for heads ...	6	...	...	× ·31	= 1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	...	...	...	20

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	Sqr. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sqr. feet.
Windows with glazed shutters and frames and $\frac{3}{4}$" square iron bars.						
For record-room	6	3 6	...	5 0	105	Sqr. 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	
					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	
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 2	63	
						653
Square feet ...	...	...	...	...	...	6,354
Squares ...	...	...	...	...	...	63·54

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	...	...	192	
Do. windows	3	105 0	...	...	315	
Glazed windows with iron bars ...	2	105 0	...	...	210	
Do. ventilators	...	...	...	...	44	
Struts	60	2 6	...	1 0	150	
Uprights	120	3 2	...	0 8½	269	
Eaves board	2	45 9	...	0 10½	80	
Verandah posts	4	2 0	...	7 4½	59	
Brackets	6	1 0	...	1 0	6	
Eave board	1	33 0	...	0 10½	29	
					1,354	
Square feet ...	...	...	...	...	...	13·54
Squares ...	...	...	...	...		
Wood-oiling, three coats.						
Railing	2	20 0	...	3 0	120	
Purlins and ridge	6	22 3	...	3 1	412	
Rafters	60	22 6	...	1 1	1,463	
Breastsummers	3	11 0	...	2 0	66	
Wall plate	23	10 9	...	1 1	268	
	1	33 0	...	1 1½	37	
					2,366	
Square feet ...	...	...	...	...	...	23·66
Squares ...	...	...	...	...		

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	...	100 ,,	...
756 ,,	Concrete	...	,,	...
1,633 ,,	Brickwork in foundations	...	,,	...
862 ,,	Do. in basement	...	,,	...
4,078 ,,	Do. in superstructure	...	,,	...
108 ,,	Archwork	...	C. foot.	...
47 ,,	Cut-stone work	...	,,	...
342 ,,	Teakwood wrought and put up ...	...	lb.	...
20 lbs.	Wrought-iron work	...	Square foot.	...
64 S. feet.	Venetian and panel doors with frames.			
105 ,,	Venetian windows with frames ...	...	,,	...
105 ,,	Glazed windows with frames and iron bars for record-room.			
44 ,,	Glazed ventilators	...	,,	...

ABSTRACT—*cont.*

Quantity.		Item.	Rate.	Per.	Amount.
			RS. A. P.		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.

1225
19

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* 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 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 thicknesses 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.

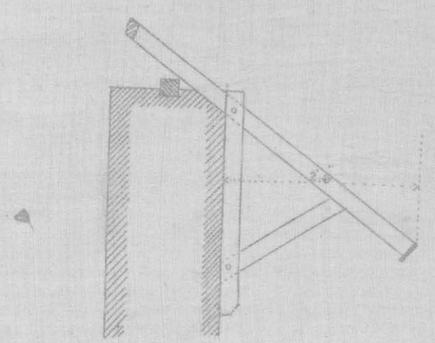
Provide and dress two lines No. 4 stones 1′ 6″ × 1′ 6″ × 6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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 6-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.

Public Works Department, 188384.

1295/20

17757

Current No. 3486

Letter No. 341

Dated the 24th April/83

From the Supg Engr. 5th Circle

Note of Remarks.

1. The Report and Abstract of the estimate for the construction of Sub Post Office at Ellandiachett together with a site plan have been submitted — No other documents are required as the amounts is Rs. 2175 - vide chap VII para 1108 D.P.W. Code

2. The abstract presented corresponds in all points with the standard estimate (No. 120 W. of the 14th Jan/82) excepting provision for 'weather-boards' - allowance for which having been made in SO No. 509 W. of the 15 Feb/83.

3. The abstract has been countersigned by the Inspr. Genl. of Registration

4. The rates appear fair

26/4/83
BSW

B

No. 341.

Superintending Engineer's Office,
5th Circle, Madras,
Chepauk, 24th April 1883.

From

The Superintending Engineer,
5th Circle,

To

The Chief Engineer
S.P.W.D.

Sir,

Enclosures. 3
1 Abstract estimate
1 Site plan
Report

With reference to G.O. No. 2190 dated 16 September 1882, I have the honor to submit for sanction an estimate of Rs. 2175 for building a Sub Registrar's Office at Alamuripatta in the South Arcot District on the Standard Design, approved vide G.O. No. 120 W dated 14th January 1882.

Weather boards are provided for the windows, as allowed vide G.O. No. 509 W of 15th February 1883.

I have the honor to be
Sir
Your Most Obedt Servt
Illegible P.W.D.
Superintg Engr
5th Circle

A No. 120 W of 14. 1. 82
" " 509 W 7 15. 2. 82
B " 2409 W 718. 9. 82
b " 24 -

From

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE Chief Engineer
Public Works Department

Dated 24th April 1883.
Recd.

ENCLOSURES. 3.

No. 341.

Sub Registrar's Office at Chandernagore, South Street District.

Submits for sanction an estimate of Rs. 2,175 for constructing a ——

Rs. 1295 W 82 Mag Gen 2296.

Proceedings of the Madras Government.

1295/22

Read the following.

Letter from the Supdg Engr Fifth Circle } No. 341 dy 24th April 1883

The estimate amounting to Rs 2,175 for constructing a Sub Registrars office at Chandernagore with Record Room, Residence for Registrar, Inspector's Office and Judicial Office is submitted for sanction when funds are available.

This sanction has been registered as Provincial No 24 at P 1883. 84 and classified as Civil Building. Provincial Works.

Cy 27/4.

The Supdg Engr Fifth Circle with Estimate
" Examiner P.W. Accounts
" Inspector General of Registration
" Judicial Depot

Recd 10/5 30/4

1995
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