Archives I - 10,006—16-8 77.

(1) Number of pages 46

24. (2) Date of repair 2.9.87

(3) Initials of the Referencer Lava ✓

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. D. DEPARTMENT

G.O. No. / B.P. No.	1127 W.	Press. / Mis.
Dated	6. 5. 1884	

1007

Not to be folded or roughly handled

23

1127/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Lieutenant-Colonel H. M. VIBART, R.E., Officiating Superintending Engineer, III Circle, to the Inspector-General of Registration, dated Camp, Ramandroog, 4th April 1884, No. 27:—

I have the honor to forward an abstract estimate, amounting to Rs. 2,380, for constructing a sub-registrar's office at Hospet, after the standard design approved of in G.O., No. 120 W., dated 14th January 1882, and to request that the same may be transmitted for approval of Government, in the Judicial Department, agreeably to the rules laid down in G.O., No. 483 W., dated 21st February 1884.

1 Abstract estimate.	1 Report.
1 Specification.	1 Site plan.

2. An estimate for the above was called for in G.O., No. 541 W., dated 19th February 1883.

No. 862.

Submitted for the sanction of Government.

OOTACAMUND,
9th April 1884.

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

No. 888, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

OOTACAMUND,
23rd April 1884.

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 6th May 1884, No. 1127 W., Public Works.

The estimate, amounting to Rs. 2,380, for constructing a sub-registrar's office at Hospet, in the Bellary district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 15 W. of 1884-85, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, III Circle, with four enclosures.
" Examiner, Public Works Accounts.
" Judicial Department.

Exd. E. Fernandez.

Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated May, 6th.

Read. *Encl.*

G.O., 6th May 1884, No. 1127 W.

MAY.

Sub-Registrar's Office

Estimate of Rs. 2,380 *for constructing a* —
at Hospet, in the Bellary district, sanctioned.

1127/2

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

1127/3

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. 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.

1127/4

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Order—dated 21st February 1884, No. 483 W., Public Works.

In modification of the practice at present followed with regard to the submission of plans and estimates for buildings required by other departments, the Government direct that the following procedure be invariably adopted in future.

2. Plans and estimates for buildings required by the Revenue Department should be submitted by the Executive Engineer to the Superintending Engineer, who, after scrutiny, will forward them to the Collector of the district for approval and countersignature. If the Collector be satisfied as to the suitableness of the proposed accommodation, &c., he will transmit the papers through the Board of Revenue to Government in the Revenue Department, by whom, if approved, they will be transferred to the Public Works Department for disposal, after final scrutiny by the Chief Engineer.

3. In the case of plans and estimates for court-houses, the documents will be forwarded by the Superintending Engineer to the District Judge for transmission, through the High Court, to Government in the Judicial Department, and the same principle will be followed with regard to estimates for Registration, Police, Jail, and other Civil Departments. The Superintending Engineer will forward the documents to the Head of the Department concerned, who will submit them to Government in the Department of the Secretariat from which he receives his orders.

4. The course at present adopted with regard to estimates for Military buildings is laid down in G.O., No. 1381 W., dated 14th June 1880, but here also a modification of practice appears desirable. In future such plans and estimates will be forwarded by Superintending Engineers for approval to the General Officer Commanding the District or Division. The General Officer will transmit the papers to the Quartermaster-General, who,* after obtaining the approval of His Excellency the Commander-in-Chief, will submit them direct to Government in the Military Department. After approval in the Military Department they will be transferred to the Public Works Department for disposal, after final scrutiny by the Chief Engineer.

*Note.—In the case of Ordnance, Commissariat or other departmental buildings, the approval of the head of the department should be obtained before the plans and estimates are submitted to His Excellency the Commander-in-Chief.

5. It must be understood that these orders apply only to works which are beyond the power of sanction of local authorities, and are not intended to alter the procedure laid down in G.O., No. 3211 W., dated 6th December 1882, with regard to the submission of Local Fund projects.

21st February 1884, No. 483 W., Public Works.

6. The Secretary, Code Committee, will take the necessary steps for embodying these rules in the Public Works Code, in modification of paragraphs 1168 and 1335.

(True Extract.)

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

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Public, &c., Departments.
" Revenue Department.
" Military "

Exd. A. Aubert.
Spare Copies

1127/5

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated February, 21*st*.

Read. *Encl.*

G.O., 21st Feb. 1884, No. 483 W.

FEBRUARY.

Buildings required by other Departments

Modification of the practice for the submission of plans and estimates for —.

19TH FEBRUARY 1883, No. 541 W., PUBLIC WORKS.

1127/b

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 129.

READ—the following letter from G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Komalapadu, 8th February 1883, No. 203 :—

I have the honor to annex an extract from my Notes of Inspection of the Sub-Registrar's Office at Hospet, in the Bellary District, on the 16th November 1882, and to request that you will be pleased to move the Government to sanction the erection of an office for the sub-district on the standard design.

2. Hospet will, on the opening of the Hubli Railway, rise to some importance, and a proper Registration Office is essential there.

ENCLOSURE.

EXTRACT from the Notes on the Inspection of the Sub-Registrar's Office at Hospet, in the District of Bellary, on the 16th November 1882.

"The office is in charge of a Special Sub-Registrar since April 1880. It is held in a small room, measuring 13′ × 6½′, in the Taluk Cutcherry. It contains an almirah, a table, a desk, a bench, and two chairs. The Sub-Registrar and his Gumastah occupy the room. Parties have to stand outside of the only door. The arrangement is a most objectionable one, and the sooner a new office can be provided, the better for registration."

No. 368, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

(Signed) M. HAMMICK,
Acting Assistant Secretary.

16th February 1883.

No. 130.

ORDER—dated 19th February 1883, No. 541 W., Public Works.

Communicated to the Superintending Engineer, Third Circle, for submission of the requisite estimates.

(True Extract.)

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

To the Superintending Engineer, Third Circle.
" Inspector-General of Registration.
" Judicial Department.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1883] Madras.

PUBLIC WORKS.

Dated February, 1883.

Read. *Exd.*

G.O., 19th Feb. 1883, No. 541 W.

FEBRUARY.
Nos. 129-130.

Sub-Registry Office

An estimate for constructing a — at Hos
pet, in the Bellary District, called for.

1127/7

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						
Partition	...	99 0	1 6	12 0	} 2,214	
Parapet	...	24 0	1 6	12 0		
Do.	...	101 0	1 0	0 6	51	
Binding wall	...	100 0	0 9	1 0	75	
Deductions—	...	101 0	1 0	0 4	34	
Doors	...	25 0	1 6	0 9	28	
Windows	2	4 0	1 6	8 0	96	2,402
Archwork as per details	9	3 6	1 6	5 0	236	
	...	...	...	...	45	
Cubic feet ...	...	...	...	...	...	377
						2,025
Archwork.						
Segmental arch over doors	2					
Do. do. windows ...	4	5 3	1 6	1 0	16	
		4 9	1 6	1 0	29	
Cubic feet ...	...	..	...	...	45	
Cut-stone work under Posts and in Steps.						
Under posts	4					
Steps	...	1 6	1 6	0 6	5	
	...	39 0	1 3	0 6	24	
Cubic feet ...	...	...	...	...	29	
Teakwood.						
Clerks and Registrar's room joists ...	17					
Record-room joists	17	15 6	0 3	0 7½	41	
Small joists under coping at sides ...	32	12 6	0 3	0 6	}	
Do. do. at angles ...	4	2 7½	0 3	0 6	} 39	
Waling pieces	2	3 6	0 3	0 6	}	
Verandah posts	2	28 0	0 2	0 6	} 10	
Do. breastsummers	4	29 6	0 2	0 6	}	
Do. brackets	3	0 5	0 5	7 4½	5	
Do. rafters	6	9 1½	0 5	0 7½	7	
Do. wall-plate	19	1 1	0 3	1 1	2	
Do. eave board	1	8 0	0 2½	0 3½	9	
	...	27 0	0 3	0 5	3	
Cubic feet ...	...	27 0	0 4	0 ½	1	
					117	
Wrought-iron Work.						
¾" diameter bolts to secure wall-plates.	6					
¾" hex. nuts and bolt heads for do.	6	1 9=1	10 6	× 1·47	15·43	
3" × 3" × ⅛" washers for do.	6	...	...	× ·43	2·58	
		...	...	× ·31	1·86	
lb. ...	...	..	...	...	19·87	
Say lb. ...	...	...	...	...	...	20
Venetian and panel doors with frames ...	2	4 0	...	...	64	Sq. feet.
Venetian windows with frames	4	3 6	...	5 0	70	Do.

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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 ⅜" 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	...	25 0	...	3 0	75	
Door jambs	2	20 0	..	1 6	60	
Window jambs	4	17 0	...	1 6	102	
Do.	5	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.
		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						
Waling pieces	2	88 0			176	
Verandah posts	...	115 0	...	...	134	
Brackets	4	1 8	...	1 2	49	
Eaves board	6	1 0	...	7 4½	6	
	...	27 0	...	1 0	18	
Square feet ...	...	...	...	0 8	785	
Squares ...	...	...	...	...	...	7·85
Wood-oiling three coats.						
Railing	2	12 0			72	
Joists	17	15 6	...	3 0	395	
Do.	17	12 6	...	1 6	266	
Do.	32	2 7½	...	1 3	114	
Breastsummers	4	3 6	...	1 2		
Rafters	...	27 0	...	1 2		
Wall-plate	19	8 0	...	1 8	45	
	...	27 0	...	0 9½	120	
Square feet ...	...	...	...	0 8	18	
Squares ...	...	...	...	...	1,030	
					...	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 ...	...	,,	...
12 ,,	Wooden railing	...	L. foot.	...
7·85 Squares.	Painting doors and windows and other exposed woodwork with three coats of Carson's oak color.	...	,,	...
			Square.	...

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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						
Partition	...	149 0	3 6	1 0	522	
Verandah walls	...	28 0	2 8	1 0	75	
Steps	...	45 9	2 6	1 0	114	
	...	15 0	3 0	1 0	45	
Cubic feet	...	...	...	...	756	
Brickwork in Foundations.						
Footing course—						
Outer walls						
Partition	...	149 0	2 8	1 6	596	
Verandah walls	...	28 10	1 10	1 6	79	
Above footing to ground level—		46 7	1 6	1 6	105	
Outer walls						
Partition	...	149 0	2 3	2 0	671	
Verandah walls	...	29 3	1 6	2 0	88	
	...	47 0	1 0	2 0	94	
Cubic feet	...	...	...	...	1,633	
Brickwork in Basement.						
Outer walls						
Partition	...	149 0	2 3	2 0	671	
Verandah walls	...	29 3	1 6	2 0	88	
Steps	...	47 0	1 0	2 0	94	
Do.	...	15 0	3 0	0 6	23	
Do.	...	13 0	2 0	0 6	13	
	...	11 0	1 0	0 6	6	
Deduct stone in steps and under posts as per details.	...	...	...	...	895 33	
Cubic feet	...	...	...	...	862	

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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		
Do. small under coping	42	2 $7\frac{1}{2}$	0 3	0 6	139	
Do. angle do.	4	3 6	0 3	0 6		
Waling pieces	2	35 3	0 2	0 6		
Do.	2	47 0	0 2	0 6	14	
Verandah posts	4	0 6	0 6	7 $4\frac{1}{2}$	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 $3\frac{1}{2}$	0 5	4	
Do. eave board	...	33 0	0 $\frac{3}{4}$	0 6	1	
Cubic feet	...	...	...	...	303	
Wrought-iron work.						
$\frac{3}{4}$" bolts to secure verandah wall-plate.	6	1 9	=10 6	×1·47	15·43	
$\frac{3}{4}$" hex. nuts and heads	6	...	...	×·43	2·58	
3" × 3" $\frac{1}{8}$" 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 ⅜" 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	...	...	...	...	...	
Exterior	2	100 0	...	14 0	2,800	
Basement all round	...	...	...	...	...	
Superstructure	...	173 3	...	2 4½	411	
Parapet	...	155 0	...	14 0	2,170	
Binding wall	...	151 0	...	5 0	755	
Door jambs	...	31 0	...	3 0	93	
Window do.	2	20 0	...	1 6	60	
Do. do.	6	17 0	...	1 6	153	
Ventilator do.	7	13 6	...	1 6	142	
	7	8 0	...	1 6	84	
Deductions—						6,668
Doorways ... ... 2 ×	2					
Windows ... ... 2 ×	13	4 0	...	8 0	128	
Ventilators ... ... 2 ×	7	3 6	...	5 0	455	
		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 Clerk's 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.						
Venetian and panel doors	3	64 0	...	...	192	
Do. windows	3	105 0	...	...	315	
Glazed windows with iron bars ...	2	123 0	...	...	246	
Do. ventilators	1	55 0	...	...	55	
Waling pieces	...	164 6	...	1 2	192	
Verandah posts...	4	2 0	..	7 4½	59	
Do. brackets.	6	1 0	...	1 0	6	
Eave Board	0	33 0	...	1 0	33	
Square feet ...	...	...	...	...	1,098	
Squares ...	...	...	...	...	...	10·98
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		
Breastsummers	3	11 0	...	2 0	66	
Rafters	23	9 9	...	0 11	206	
Wall-plate	...	33 0	...	1 1½	37	
Square feet ...	...	...	...	...	2,145	
Squares ...	...	...	...	...	...	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	...	,,	...
756 ,, ...	Concrete	...	100 C. feet.	...
1,633 ,, ...	Brickwork in foundations	...	,,	...
862 ,, ...	Do. in basement	...	,,	...
3,460 ,, ...	Do. in superstructure	...	,,	...
59 ,, ...	Archwork	...	,,	...
42 ,, ...	Cut-stone work	...	,,	...
303 ,, ...	Teakwood wrought and put up ...	...	Cubic foot.	...
20 lb. ...	Wrought-iron work	...	,,	...
64 S. feet ...	Venetian and panel doors with frames.	...	lb.	...
105 ,, ...	Venetian windows with frames ...	...	Square foot.	...
123 ,, ...	Glazed windows with frames and iron bars for Record-room	...	,,	...
55 ,, ...	Glazed ventilators	...	,,	...
17·10 Squares.	Terrace roofing	...	,,	...
3·22 ,, ...	Slope terrace	...	Square.	...
14·73 ,, ...	Flooring with 8-inch square bricks ...	...	,,	...
59·75 ,, ...	Plastering with two coats	...	,,	...
166 Lin feet.	Plaster cornice, exterior	...	,,	...
20 ,, ...	Wooden railing	...	L. foot.	...
			,,	...

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.

1127/12

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.

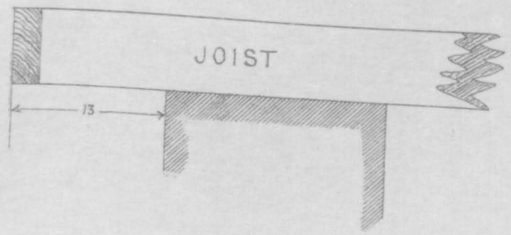
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

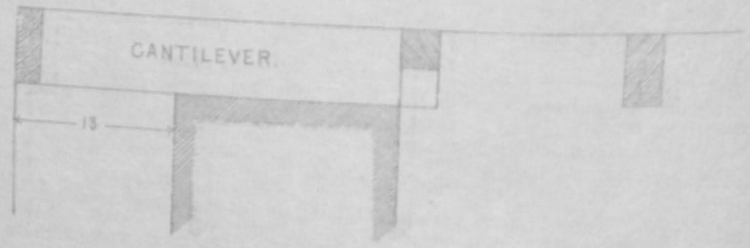
CARPENTER.

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.

1127/13

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	2 0	0 4	6	
Do.	...	...	...	...	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 3	0 3	8	
Eaves board	2	27 0	0 3½	0 1½	1	
Verandah posts	4	6 6	0 ¾	0 5	4	
Do. breastsummers	3	9 1½	0 5	0 5	7	
Do. brackets	6	1 1	0 5	0 7½	2	
Do. rafters	19	9 1½	0 3	1 1	14	
Do. wall-plates	1	27 0	0 3	0 4	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 9 = 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. ...	...	...	...	...	...	

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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	
Deductions.						4,354
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	8	3 6	...	5 0	280	
Square feet ...	...	...	...	...	...	408
Squares ...	...	...	...	...	...	3,946
					...	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				
Purlings and ridge	3	14 0	...	3 0	72	
Do.	3	11 0	...	1 11	144	
Rafters	36	19 0	...	1 11		
Breastsummers	...	27 0	...	0 11	627	
Rafters	19	9 1½	...	1 8	45	
Wall-plate	...	27 0	...	0 11	159	
Square feet ...	...	...	..	0 8	18	
Squares ...	...	...	...	...	1,065	
				...	...	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 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	...	„	...
129 „	Teakwood wrought and put up ...	...	C. foot.	...
20 lb.	Wrought-iron work	...	„	...
64 Sq. feet.	Venetian and panel doors with frames	...	lb.	...
70 „	Venetian windows with frames ...	...	Sq. foot.	...
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.	...

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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.

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	
Deduct stone in steps and under posts as per details.	...	...	...	...	895	
Cubic feet ...	...	...	...	...	33	
Brickwork in Superstructure.					862	
Outer walls		149 0	1 6	14 0	3,759	
Partition	...	30 0	1 6	14 0		

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Brickwork in Superstructure—cont.		FT. IN.	FT. IN.	FT. IN.		
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	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sq. feet.
Windows with glazed shutters and frames and ½" 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	
Square feet ...	...	...	...	...	...	653
Squares ...	...	...	...	...	...	6,354
						63·54

1127/17

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	
Square feet ...	...	...	...	...	1,354	
Squares ...	...	...	...	...	...	13·54
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	
Rafters	23	10 9	...	1 1	268	
Wall-plate	1	33 0	...	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 ...	...	C. foot.	...
20 lbs.	Wrought-ion work	...	,,	...
64 S. feet.	Venetian and panel doors with frames.	...	lb.	...
105 ,,	Venetian windows with frames ...	...	Square foot.	...
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.

DEPARTMENT PUBLIC WORKS.

1127/18

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 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.

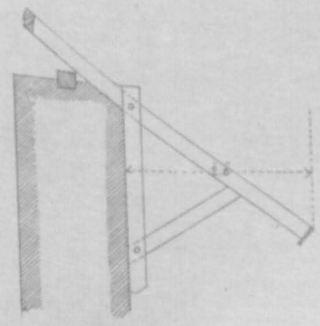
Provide and dress two lines No. 4 stones 1′ 6″ × 1′ 6″ × 6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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.

SUPERINTENDING ENGINEER'S OFFICE,
~~MADRAS~~,

No. 27 Camp Ramandroog ~~Chepauk~~, 4th April 1884.

From Lt Col H. M. Hobart RE
~~THE~~ SUPERINTENDING ENGINEER,
III ~~1ST~~ CIRCLE,

1127/19

To
THE Inspector General
of Registration
Madras

SIR,

I have the honor to forward an abstract Enclosures. Estimate amounting to Rs 2380 for constructing a Sub Registrar's Office at Kospet after the Standard Design approved of in G.O. No. 1204 W of 14th January 1882. and to request that the same may be transmitted for approval of Govt in the Judicial Department, agreeably to the rules laid down in G.O No. 483 W dated 21st Feby 1884.

2. An Estimate for the above was called for in G.O. No. 541 W dated 19th February 1883.

I have the honor Sir
Your most obdt servant.

H. M. Hobart Lt Col RE
Offg. Supdg. Engineer
3d Circle

T. O.

Rept (1884) Dcptt
From (Offrs accommodation)

The Superintending Engineer,

3rd ~~1st~~ Circle,

To

The

No 27

Dated 4
Recd. 7 } April 1884

2487

ENCLOSURES. 4

No.

Forwarding for transmission to Govt. plans & estimate for erecting a D.B. at Hospet

P.N.

T. N. 862- 9 April/84.

Entertainment.

Submitted for the sanction of the Government.

W. Hamilton
Insp. Genl. of Hosps.

To the Chief Secretary to the Government
Entertainment

3
1127
20

CURRENT No. 3588

Judicial (1884) Dept.

"Registration."

From

The Inspector General
of Registration
&c &c &c

To The Chief Secretary to the
Government
&c &c &c

Sir 1127 dated 6th May 1884

Dated 9th April 1884

Received 28 April 1884

Encl. 862.

4 Enclosures (1 Plan)

No.

Submitting for the
sanction of the Government
plan & estimate for
Constructing a Sub
Registrar's Office at
Hospet in the Bellary
District.

23-4

Endorsed.

A. No: 483 Md/21-2-84
" " 541 Md/19-2-83
" " 120 Md/14-1-82

P.L.S. 37/4.
H.L. 1/4
M/4/4 acts 1/5/84 A. 52-53-54

Appeared; & transferred to the Public Works department
By Order
W Mammatt
Chief Secy

Public Works Department, 1884-85.

1127/21

Current No. 3588

Letter No. 588

Dated the 23rd April 84

From the Chief Secy to Govt

NOTE OF REMARKS. 1127/4

1. The accompanying abstract estimate, with site plan, provides for constructing a Sub Registrar's Office at Hospet in the Bellary District. The amount of the estimate is Rs. 2,380.

2. The office is to be built in accordance with the standard design sanctioned in G.O. No. 120 M. of the 14th Jan. 82, except some alteration in the foundation. The lowest station of foundation is to be of concrete, the remainder of burnt stone in mortar. The basement and superstructure masonry is to be of hammer dressed stone

in mortar. Two weather boards have been provided

3. The site plan and estimate have been countersigned by the Inspector General of Registration.

29th April 82

B.H.

B.R. & Works

1127/22

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Chief Secy to Govt Judicial Dept No 888 dt 23d April 1884

5

The estimate amounting to Rupees 2,380, for constructing a Sub-Registrar's office at Hospet, in the Bellary District, is sanctioned for execution when funds are available —

2. This sanction has been registered as Provincial No 15 W of 1884-85, and classified as Civil Buildings

Original

Original Works

CJ.
1.5.84

III
2.5.84

6

1127/23

I — 8314

S. Engr III Circle, with 4 enclos.
" Engr Pw Accts
" Instl Depts
"

Cir 1/5/84

3588

Govt. of {1884} Madras.

PUBLIC WORKS.

(237)

Dated

Read- Exd.

G.O., 6th May 1884, No. 1127 WW

Sub-Registrar
West

Estimate of Rs 2380
for Constructing a
at Hospet in the
Bellary District,
Sanctioned

55/0

Sub-Registrar Hospet