(1) Number of pages 42

(2) Date of repair Aug. 87.

(3) Initials of the Referencer Lms

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D DEPARTMENT

G.O. No. / B.P. No.	2757-W.	Press. / Mis.
Dated	2-10-1883	198 .

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Archives —1 10,006-9 80

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2757/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Major S. C. CLARKE, R.E., Officiating Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated Bellary, 20th September 1883, No. 1740:—

With reference to G.O., No. 3419 W., dated 22nd December 1882, I have the honor to submit, for sanction of Government, an estimate of Rs. 2,542 for constructing a sub-registrar's office at Adóni, in the Bellary district, after the standard design as approved of in G.O., No. 120 W., dated 14th January 1882.

1 Abstract estimate with specification and report.
1 Duplicate abstract.

ORDER—dated 2nd October 1883, No. 2757 W., Public Works.

The estimate, amounting to Rs. 2,542, for constructing a sub-registrar's office at Adóni, in the Bellary district, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 125 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, Third Circle, with three enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Inspector-General of Registration.
" Judicial Department.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated October, 2nd.

Recd. *Encl.*

G.O., 2nd Oct. 1883, No. 2757 W.

OCTOBER.

Sub-Registry Office

Estimate for a — at Adóni, Bellary district, sanctioned.

2757/2

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 174.

READ—the following papers:—

G.O., dated 20th December 1882, No. 1557, Judicial.

Read—the following letter from G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 15th December 1882, G. No. 3518:—

I have the honor to annex extracts from my notes of inspection of the Sub-Registry Offices at Adóni and Huvinahadgalli in the Bellary District, and to request that the sanction of the Government may be obtained for the erection of new offices on the standard design at those stations.

2. Registration is advancing in both offices.

ENCLOSURES.

T. No. 2951.

NOTES on the Inspection of the Sub-Registrar's Office at Adóni in the District of Bellary on the 12th November 1882.

"This office is in charge of a Special Officer who was appointed in April 1881. The accommodation provided is very scanty and not fit for a registration office, which is certain to develop if proper facilities were given to register. A new office is urgently needed here."

12th November 1882.

T. No. 2981.

NOTES on the Inspection of the Sub-Registrar's Office at Huvinahadgalli in the District of Bellary on the 17th November 1882.

"This office is held in a small room in the Taluk Cutcherry measuring 12' × 8', in which the Sub-Registrar and his Goomastah sit, with an almirah, a table, a bench and two chairs. There is no room for parties. The room is inconveniently situated and a new office is a desideratum."

18th November 1882.

(True Extracts.)

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

Order—dated 20th December 1882, No. 1557, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

(Signed) G. S. FORBES,
Under Secretary.

No. 175.

ORDER—dated 22nd December 1882, No. 3419 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. W. J. Lewis.
Spare Copies

275/3

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated December, 22nd.

Read. *Encl.*

G.O., 22nd Dec. 1882, No. 3419 W.

DECEMBER.

Nos. 174-175.

Registration Offices.

Estimates for — at Adóni and Huvinahadgalli in the Bellary District called for.

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.	Content.	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	
Do.		101 0	1 0	0 4	34	
Binding wall		25 0	1 6	0 9	28	
						2,402
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	9	3 6	1 6	5 0	236	
Archwork as per details		...	...	...	45	
						377
Cubic feet ...	...	...	...	...	...	2,025
Archwork						
Segmental arch over doors	2	5 3	1 6	1 0	16	
Do. do. windows ...	4	4 9	1 6	1 0	29	
					45	
Cubic feet ...	...	..	...	...		
Cut-stone work under Posts and in Steps.						
	4	1 6	1 6	0 6	5	
Under posts	...	39 0	1 3	0 6	24	
Steps					29	
Cubic feet ...	...	...	...	...		
Teakwood.						
	17	15 6	0 3	0 7½	41	
Clerks and Registrar's room joists ...	17	12 6	0 3	0 6	}	
Record-room joists	32	2 7½	0 3	0 6	} 39	
Small joists under coping at sides ...	4	3 6	0 3	0 6	}	
Do. do. at angles ...	2	28 0	0 2	0 6	} 10	
Waling pieces	2	29 6	0 2	0 6	}	
Do.	4	0 5	0 5	7 4½	5	
Verandah posts	3	9 1½	0 5	0 7½	7	
Do. breastsummers	6	1 1	0 3	1 1	2	
Do. brackets	19	8 0	0 2½	0 3½	9	
Do. rafters	1	27 0	0 3	0 5	3	
Do. wall-plate	...	27 0	0 4	0 ¾	1	
Do. eave board					117	
Cubic feet ...	...	...	...	...		
Wrought-iron Work.						
	6	1 9=	10 6	× 1·47	15·43	
¼″ diameter bolts to secure wall-plates.	6	...	...	× ·43	2·58	
¾″ hex. nuts and bolt heads for do.	6	...	...	× ·31	1·86	
3″ × 3″ × ⅛″ washers for do.					19·87	
lb. ...	...	..	...	...		
					...	20
Say lb. ...	...	...	...	...	64	Sq. feet.
Venetian and panel doors with frames ...	2	4 0	...	8 0	70	Do.
Venetian windows with frames	4	3 6	...	5 0		

Detailed Quantities—cont.

£57/5

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	...	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 ...	2	88 0	...	...	176	
Waling pieces	...	115 0	...	1 2	134	
Veranduh posts	4	1 8	...	7 4½	49	
Brackets	6	1 0	...	1 0	6	
Eaves board	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	785	
Squares ...	...	...	...	...	...	7·85
Wood-oiling three coats.						
Railing	2	12 0	...	3 0	72	
Joists	17	15 6	...	1 6	395	
Do.	17	12 6	...	1 3	266	
Do.	32	2 7½	...	1 2	114	
Do.	4	3 6	...	1 2		
Breastsummers	...	27 0	...	1 8	45	
Rafters	19	8 0	...	0 9½	120	
Wall-plate	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	1,030	
Squares ...	...	...	...	...	..	10·30

ABSTRACT.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
2,954 C. feet.	Excavation for foundations ...	...	1,000 C. feet.	...
1,656 ,,	Earth-filling in basement ...	...	100 ,,	...
537 ,,	Concrete	...	,,	...
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.
0·30 Squares.	Wood-oiling roof timbers, &c., with three coats.	...	Square.	...
	Contingencies at 5 per cent. ...	...	...	...
	Total ...	...	...	...

MADRAS,
20th December 1881.

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

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

Detailed Quantities.

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

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	139	
Do.	28	10 9	0 3	0 6		
Do. small under coping	42	2 $7\frac{1}{2}$	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 $4\frac{1}{2}$	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	
$\frac{3}{8}$" hex. nuts and heads	6	...	...	×·43	2·58	
3" × 3" $\frac{1}{8}$" washers	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	Do.
Windows with glazed shutters and frames and $\frac{3}{4}$" 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 Clerk's room...L. feet.	...	...	...	...	20	

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	...	Cubic foot.	...
303 „ ...	Teakwood wrought and put up ...	...	„	...
20 lb. ...	Wrought-iron work	...	lb.	...
64 S. feet ...	Venetian and panel doors with frames.	...	Square foot.	...
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 ...	...	...	...

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

MADRAS,
20th December 1881.

DEPARTMENT PUBLIC WORKS.

2752/9

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.

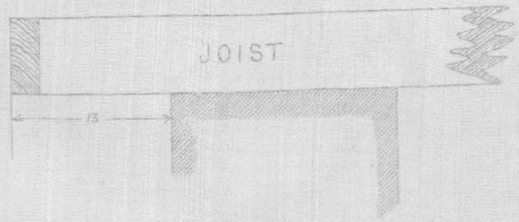
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

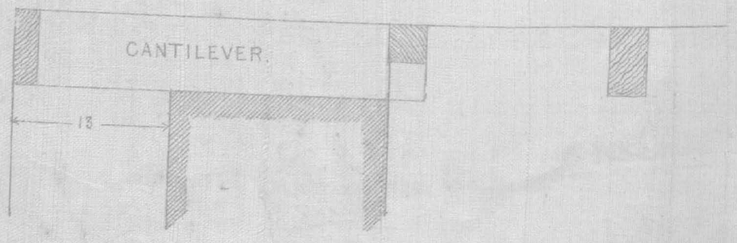
CARPENTER.

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 crdinary 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						
Partition		99 0	1 6	12 0	2,214	
Gables		24 0	1 6	12 0		
Over gable ends	3	27 0	1 6	4 6	547	
Corbels	2	33 0	1 6	0 9	74	
Band over verandah roof	12	1 0	0 6	1 6	9	
	1	27 0	0 3	0 9	5	2,849
Deductions.						
Doorways						
Windows	2	4 0	1 6	8 0	96	
Gable ventilators	8	3 6	1 6	5 0	210	
Archwork as per details	8	1 3	1 3	1 6	19	
	...	...	...	...	94	419
Cubic feet ...	...	...	...	...	...	2,430
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0		
Do. windows	6	4 9	1 6	1 0	94	C. feet.
Semi-circle arch for gable ventilator	2	11 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps	...	39 0	1 3	0 6	24	
Slabs under beams	3	2 0	3 0	0 4	6	
Do.	6	2 0	2 0	0 4	8	
Cubic feet ...	...	...	...	...	43	
Teakwood.						
Clerks' room purlins and ridge ...	3	14 0	0 5	0 9	23	
Record-room do.	3	11 0	0 5	0 9	3	
Wall-plates	2	25 6	0 3	0 3	57	
Rafters	36	19 0	0 3	0 4	6	
Struts	36	2 6	0 3	0 3	8	
Uprights (double)	72	3 2	0 3½	0 1½	1	
Eaves board	2	27 0	0 ¾	0 5	4	
Verandah posts	4	6 6	0 5	0 7½	7	
Do. breastsummers	3	9 1½	0 5	1 1	2	
Do. brackets	6	1 1	0 3	0 4	14	
Do. rafters	19	9 1½	0 3	0 5	3	
Do. wall-plates	1	27 0	0 3	0 5	1	
Do. eave board	1	27 0	0 ¾		129	
Cubic feet ...	...	...		...		
Wrought-iron work.						
¾" diameter bolts to secure verandah wall-plate	6	1 9 = 10 6 ×		1·47 =	15·43	
				·43 =	2·58	
⅝" hex. nuts and bolt heads. ...	6	...	... ×	·31 =	1·86	
3" × 3" × ⅛" washers for do. ...	6	...	... ×		19·87	
lb. ...	...	...	...	...	...	20
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	
Purlings and ridge	3	14 0	...	1 11	144	
Do.	3	11 0	...	1 11		
Rafters	36	19 0	...	0 11	627	
Breastsummers	...	27 0	...	1 8	45	
Rafters	19	9 1½	...	0 11	159	
Wall-plate	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	1,065	
Squares ...	...	...	...	...	...	10·65

ABSTRACT.

Quantity.	Item.	Rate.	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	...	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.

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

Detailed Quantities.

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

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	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sq. feet.
Windows with glazed shutters and frames and ¾" 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	
					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 3	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	
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	...	,,	...
1,633 ,,	Brickwork in foundations	...	100 ,,	...
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.

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.

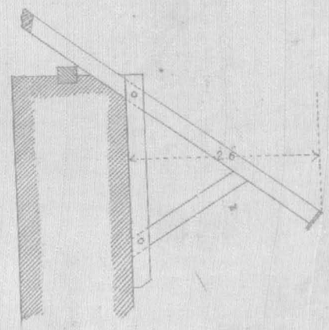
Provide and dress two lines No. 4 stones 1′ 6″ × 1′ 6″ × 6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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.

GOVERNMENT OF MADRAS.

2757/16

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.,
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 Government, P.W.D.

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

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated January, 14th.

Recd. *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.

SUPERINTENDING ENGINEER'S OFFICE,
~~MADRAS,~~
Bellary ~~Chepauk~~, 20th Sept 1883.

No. 1740.

From Major S. C. Clarke R.E.
Offg THE SUPERINTENDING ENGINEER,
~~1ST CIRCLE,~~

To THE Chief Engineer
P. W. Department
Madras
&c

SIR,

Enclosures.

With reference to G.O. No 3419 W dated, 22nd December 1882, I have the honor to submit, for sanction of Government, an Estimate of Rs. 2,542, for Constructing a Sub-Registrar's Office at Adony, in the Bellary District, after the Standard Design as approved of in G.O. No 120 W Dated, 14th January 1882.

I have the honor to be
Sir
Your most obedient Servant

Major R.E.
Offg: Superintending Engineer
III Circle
&c

A 3419 w 22.12.82
- 1206 w 14.1.83

From Bellary 8175

The Superintending Engineer,

III ~~1st~~ Circle,

To

The Chief Engineer
P.W. Department
Madras

Dated 20th } September 1883.
Recd. 21st }

Enclosures. 4

No. 1740.

Sub-Registrar's Office at Adony:— Submitting for sanction of Government an Estimate of Rs. 2,542 for the Construction of a, c— 1.

Public Works Department, 1883-84.

Current No. 8175
Letter No. 1740
Dated the 20th Sept/83
From the Supdg. Engr. 3rd Circle

Note of Remarks.

1. The estimate now submitted provides for the construction of Sub Registrar's office at Adony Bellary District, as per Standard design. The estimate amounts to Rs. 2,54
2. The proposed depth of foundation is less than that specified in the standard Burnt stone is to be used in foundation instead of hard and hammer-dressed stone in basement and dpc and two weather boards have been provided.
3. The estimate has been countersigned by the Inspector General of Registration

7757.

24th Sept/83
8358

Pc

No 2757 W PUBLIC WORKS DEPARTMENT.

A/

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 2nd Oct/83

READ the following

Letter from the Supp. Engr. Third Circle, } N. P. No 1940 of 20th Septr. 1883

The estimate amounting to Rupees 2,542, for constructing a Sub Registrars office at Adoni, in the Bellary District, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No 125 W of 1883-84, and classified as Civil Buildings, Original Works

Bd 9/10

To Supp. Engr Third Circle with 3 Enclos
" Examiner P. W. Accounts with duplicate
" Inspector General of Registration
" Judicial Despatch

Issued 24/9

24/9

18/
4757

8175

Govt. of [1883] Madras.

PUBLIC WORKS.

Dated

Rcd. Encl.

G. O. No. 2757

Sub-Registr's Office

Estimate for a ——

at Adoni Bellary

District, Sanctioned

570

5

Entd in Regst. Book.