(1) Number of pages 48

(2) Date of repair 25.5.87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PUBLIC WORKS DEPARTMENT

G.O. No.	280 W	Press. ~~Mis.~~
~~B.P. No.~~		
Dated	25. 1. 1883	~~198~~

Not to be folded or roughly handled.

Archives —1 10,006-9 88

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads
Civil Works.

No. 240.

READ—the following paper :—

No. 569 M.D.

Report to accompany the Estimate, amounting to Rs. 2,125, for constructing a Sub-Registrar's Office at Tirushuli, in the Madura Division.

Reference.—G.O., Public Works Department, No. 730 W., of 20th March 1882.

As there is no Government building for the accommodation of the Sub-Registrar of Tirushuli, an estimate is called for by Government in the above Government Order.

1 Abstract Statement with Land Statement.
1 Site Sketch.
1 Tracing.

The estimate is prepared in accordance with the Standard Design No. 21 and estimate sanctioned in G.O., No. 120 W., of 14th January 1882, and provision is also made in the estimate for weather-boards at the request of the Inspector-General.

A sketch showing the proposed site is also forwarded, and no provision has been made in the estimate for compensation, as the building is to be constructed on Government land.

The rates entered in the estimate are considered fair.

The work is recommended for sanction, and could be completed nine months after funds are allotted.

TRICHINOPOLY,
11th January 1883.

(Signed) H. R. MEAD, Lt.-Col., R.E.,
Superintending Engineer, Sixth Circle.

No. 241.

ORDER—dated 25th January 1883, No. 280 W., Public Works.

The estimate, amounting to Rs. 2,125, for constructing a Sub-Registrar's office at Tirushuli, in the Madura Division, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 214 W. of 1882-83 and classified as Civil Buildings, Original Works.

(True Extract.)

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

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

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated January, 25th.

Rcvd. *Encl.*

G.O., 25th Jan. 1883, No. 280 W.

JANUARY.

Nos. 240-241.

Sub-Registrar's Office.

An estimate for constructing a — at Tiru-
muli, in the Madura Division, sanctioned.

280
2

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

Detailed Quantities.

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

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls		99 0	1 6	12 0	} 2,214	
Partition		24 0	1 6	12 0		
Parapet		101 0	1 0	0 6	51	
Do.		100 0	0 9	1 0	75	
Do.		101 0	1 0	0 4	34	
Binding wall		25 0	1 6	0 9	28	
						2,402
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	9	3 6	1 6	5 0	236	
Archwork as per details	...	...	...	...	45	
						377
Cubic feet ...	...	...	...	...	...	2,025
Archwork.						
Segmental arch over doors	2	5 3	1 6	1 0	16	
Do. do. windows ...	4	4 9	1 6	1 0	29	
Cubic feet ...	...	...	...	...	45	
Cut-stone work under Posts and in Steps.						
Under posts	4	1 6	1 6	0 6	5	
Steps	...	39 0	1 3	0 6	24	
Cubic feet ...		...	...	...	29	
Teakwood.						
Clerks and Registrar's room joists ...	17	15 6	0 3	0 7½	41	
Record-room joists	17	12 6	0 3	0 6	} 39	
Small joists under coping at sides ...	32	2 7½	0 3	0 6		
Do. do. at angles ...	4	3 6	0 3	0 6		
Waling pieces	2	28 0	0 2	0 6	} 10	
Do.	2	29 6	0 2	0 6		
Verandah posts	4	0 5	0 5	7 4½	5	
Do. breastsummers	3	9 1½	0 5	0 7½	7	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	19	8 0	0 2½	0 3½	9	
Do. wall-plate	1	27 0	0 3	0 5	3	
Do. eave board	...	27 0	0 4	0 ¾	1	
Cubic feet ...	...	...	...	...	117	
Wrought-iron work.						
¾″ diameter bolts to secure wall-plates.	6	1 9=	10 6	× 1·47	15·43	
½″ hex. nuts and bolt heads for do.	6	...	...	× ·43	2·58	
3″ × 3″ × ⅛″ washers for do.	6	...	...	× ·31	1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	...	...	...	20
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	4	3 6	...	5 0	70	Do.

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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 ⅝″ 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.
Painting doors, windows and exposed woodwork with three coats of Carson's paint—cont.		FT. IN.	FT. IN.	FT. IN.		
Glazed windows with iron bars ...	2	88 0	...	...	176	
Waling pieces	...	115 0	...	1 2	134	
Verandah posts	4	1 8	...	7 4½	49	
Brackets	6	1 0	...	1 0	6	
Eaves board	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	785	
Squares ...	...	...	...	...	...	7·85
Wood-oiling three coats.						
Railing	2	12 0	...	3 0	72	
Joists	17	15 6	...	1 6	395	
Do.	17	12 6	...	1 3	266	
Do.	32	2 7½	...	1 2	114	
Do.	4	3 6	...	1 2		
Breastsummers	...	27 0	...	1 8	45	
Rafters	19	8 0	...	0 9½	120	
Wall-plate	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	1,030	
Squares ...	...	...	...	...	...	10·30

ABSTRACT.

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

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
10·30 Squares.	Wood-oiling roof timbers, &c., with three coats.	...	Square.	...
	Contingencies at 5 per cent. ...	...	...	...
	Total ...	...	...	...

MADRAS,
20th December 1881.

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

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

Detailed Quantities.

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

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls	...	149 0	1 6	14 0	3,759	
Partition	...	30 0	1 6	14 0		
Corbels	8	1 0	0 6	1 6	6	
Parapet	...	151 0	1 0	0 6	76	
Do.	...	150 0	0 9	1 0	113	
Do.	...	151 0	1 6	0 4	50	
Binding wall	...	31 0	1 6	0 9	35	
						4,039
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	13	3 6	1 6	5 0	341	
Ventilators	7	3 6	1 6	2 3	83	
Archwork as per details	...	...	...	...	59	
						579
Cubic feet ...	...	...	...	...	...	3,460
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	59	C. feet.
Do. windows	6	4 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps	...	45 0	1 3	0 6	28	
Slabs under beams	2	3 0	2 0	0 4	4	
Do.	4	2 0	2 0	0 4	5	
Cubic feet ...	...	...	...	...	42	
Teakwood.						
Beams	4	22 3	0 10	1 5	105	
Joists	56	12 3	0 3	0 6		
Do.	28	10 9	0 3	0 6	139	
Do. small under coping	42	2 7½	0 3	0 6		
Do. angle do.	4	3 6	0 3	0 6		
Waling pieces	2	35 3	0 2	0 6	14	
Do.	2	47 0	0 2	0 6		
Verandah posts	4	0 6	0 6	7 4½	7	
Do. breastsummers	3	11 0	0 6	0 9	12	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	23	9 9	0 3	0 4	19	
Do. wall-plate	...	33 0	0 3½	0 5	4	
Do. eave board	...	33 0	0 ¾	0 6	1	
Cubic feet ...	...	...	...	...	303	
Wrought-iron work.						
¾" bolts to secure verandah wall-plate.	6	1 9	=10 6	×1·47	15·43	
¾" hex. nuts and heads	6	...	...	× ·43	2·58	
3" × 3" ⅛" washers	6	...	...	× ·31	1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	..	...	...	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 ¾" square iron bars for Record-room.	7	3 6	...	5 0	123	Do.
Glazed ventilators	7	3 6	...	2 3	55	Do.
Terrace roofing	...	36 0	...	47 6	1,710	Do.
Squares ...	...	...	...	...	...	17·10
Slope terrace for verandah	...	33 0	...	9 9	322	Sq. feet.
Squares ...	...	...	...	...	...	3·22
Flooring with 8-inch square bricks.						
Rooms	...	40 0	...	30 0	1,200	
Verandah	...	33 9	...	8 0	270	
Door pieces	2	4 0	...	1 6	12	
					1,482	
Deduct stones under posts	4	1 6	...	1 6	9	
					1,473	
Square feet ...	...	...	...	...	...	14·73
Squares ...	...	...	...	...	...	
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
						5,975
Square feet ...	...	...	...	...	...	
Squares ...	...	...	...	...	...	59·75
Plaster cornice at ends of terrace... L. feet.	...	...	...	...	166	
Wooden railing for Clerks' room... L. feet.	...	...	...	...	20	

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Detailed Quantities.—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting doors, windows and exposed woodwork with three coats of Carson's oak paint.						
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	
					1,098	
Square feet ...	...	...	...	...	...	10·98
Squares ...	...	...	...	...	...	
Wood-oiling, three coats.						
Railing	2	20 0	...	3 0	120	
Beams	4	23 0	...	3 8	337	
Joists	56	12 3	...	1 3	1,234	
Do.	28	10 9	...	1 3		
Do.	42	2 7½	...	1 2	145	
Do.	4	3 6	...	1 2		
Do.	3	11 0	...	2 0	66	
Breastsummers...	23	9 9	...	0 11	206	
Rafters	...	33 0	...	1 1½	37	
Wall-plate	...					
					2,145	
Square feet ...	...	...	...	...	...	21·45
Squares ...	...	...	...	...	...	

ABSTRACT.

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

ABSTRACT—*cont.*

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

MADRAS,
20th December 1881.

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

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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.

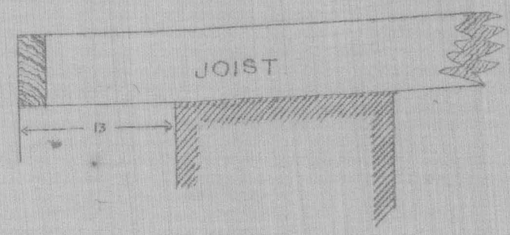
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

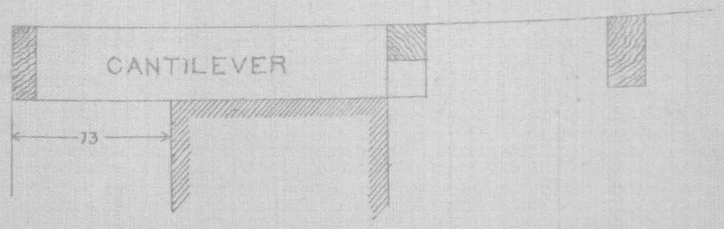
CARPENTER.

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.

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 9	0 6	1 6	9	
Band over verandah roof	1	27 0	0 3	0 9	5	
						2,849
Deductions.						
Doorways	2	4 0	1 6	8 0	96	
Windows	8	3 6	1 6	5 0	210	
Gable ventilators	8	1 3	1 3	1 6	19	
Archwork as per details	...	...	...	...	94	
						419
Cubic feet ...	...	...	...	...	...	2,430
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	94	C. feet.
Do. windows	6	4 9	1 6	1 0		
Semi-circle arch for gable ventilator	2	11 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps	...	39 0	1 3	0 6	24	
Slabs under beams	3	2 0	3 0	0 4	6	
Do.	6	2 0	2 0	0 4	8	
Cubic feet ...	...	...	...	...	43	
Teakwood.						
Clerks' room purlins and ridge ...	3	14 0	0 5	0 9	23	
Record-room do.	3	11 0	0 5	0 9		
Wall-plates	2	25 6	0 3	0 3	3	
Rafters	36	19 0	0 3	0 4	57	
Struts	36	2 6	0 3	0 3	6	
Uprights (double)	72	3 2	0 3½	0 1½	8	
Eaves board	2	27 0	0 ⅝	0 5	1	
Verandah posts...	4	6 6	0 5	0 5	4	
Do. breastsummers	3	9 1½	0 5	0 7½	7	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	19	9 1½	0 3	0 4	14	
Do. wall-plates	1	27 0	0 3	0 5	3	
Do. eave board	1	27 0	0 ⅝	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	
⅝" hex. nuts and bolt heads ...	6	...	... ×	·43 =	2·58	
3" × 3" × ⅛" washers for do. ...	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 ...	4	3 6	...	5 0	70	Do.
Glazed windows with frames and ⅝" 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. FT.	IN.	Breadth. FT.	IN.	Depth. FT.	IN.	Contents.	Total.
Painting doors, windows and exposed woodwork with three coats of Carson's paint.									
Venetian and panel doors	3	6	4	...		...		192	
Do. windows	3	7	0	...		...		210	
Glazed windows with iron bars ...	2	7	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	
								908	
Square feet ...	...	...		...		...		...	9·08
Squares ...	...	...		...		...		...	
Wood-oiling, three coats.									
Railing	2	12	0	...		3	0	72	
Purlins and ridge	3	14	0	...		1	11	144	
Do.	3	11	0	...		1	11		
Rafters	36	19	0	...		0	11	627	
Breastsummers	...	27	0	...		1	8	45	
Rafters	19	9	1½	...		0	11	159	
Wall-plate	...	27	0	...		0	8	18	
								1,065	
Square feet ...	...	...		...		...		...	10·65
Squares ...	...	...		...		...		...	

ABSTRACT.

Quantity.	Item.	Rate. RS.	A.	P.	Per.	Amount. RS.	A.	P.
2,954 C. feet.	Excavation for foundations ...		...		1,000 C. feet.		...	
1,056 ,,	Earth-filling in basement		...		,,		...	
537 ,,	Concrete		...		100 C. feet.		...	
1,135 ,,	Brickwork in foundations		...		,,		...	
599 ,,	Do. in basement		...		,,		...	
2,430 ,,	Do. in superstructure ...		...		,,		...	
94 ,,	Archwork		...		C. foot.		...	
43 ,,	Cut-stone work		...		,,		...	
129 ,,	Teakwood wrought and put up ...		...		lb.		...	
20 lb.	Wrought-iron work		...					
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. RS.	A.	P.	Per.	Amount. RS.	A.	P.
		...			Square.		...	
6·87 Squares.	Flooring with 8-inch square bricks.	...			,,		...	
39·46 ,,	Plastering with two coats	...			L. foot.		...	
12 L. feet.	Wooden railing	...			Square.		...	
9·08 Squares.	Painting doors, windows and exposed wood-work with three coats of Carson's oak paint.	...			,,		...	
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—					671	
Outer wall...		149 0	2 3	2 0	88	
Partition		29 3	1 6	2 0	94	
Verandah wall		47 0	1 0	2 0		
Cubic feet ...	...	...	...	...	1,633	
Brickwork in Basement.						
Outer walls		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah walls		47 0	1 0	2 0	94	
Steps		15 0	3 0	0 6	23	
Do.		13 0	2 0	0 6	13	
Do.		11 0	1 0	0 6	6	
					895	
Deduct stone in steps and under posts as per details.	...	...	...	...	33	
Cubic feet ...	...	...	...	...	862	
Brickwork in Superstructure.						
Outer walls		149 0	1 6	14 0	3,759	
Partition		30 0	1 6	14 0		

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure—cont.						
Gables	3	33 0	1 6	5 3	780	
Over gable end	2	40 0	1 6	0 9	90	
Corbels	12	1 0	0 6	1 6	9	
Band over verandah roof	...	33 0	0 3	0 9	6	4,644
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	12	3 6	1 6	5 0	315	
Ventilators	4	3 6	1 6	2 3	47	
Archwork as per details	...	...	...	...	108	566
Cubic feet ...	...	...	...	...	...	4,078
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	16	
Do. do. windows ...	8	4 9	1 6	1 0	57	
Semicircular arches for gable ventilators.	2	11 9	1 6	1 0	35	
Cubic feet ...	...	...	...	...	108	
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps	...	45 0	1 3	0 6	28	
Slabs under beams	3	3 0	2 0	0 4	14	
Do.	6	2 0	2 0	0 4		
Cubic feet ...	...	...	...	...	47	
Teakwood.						
Purlins and ridge	6	22 3	0 9	1 2	117	
Wall plates	2	44 6	0 3	0 3	6	
Rafters	60	22 6	0 3	0 5	141	
Struts	60	2 6	0 3	0 3	9	
Uprights, double	120	3 2	0 1½	0 3½	14	
Eaves board	2	45 9	0 ¾	0 6	3	
Verandah posts	4	0 6	0 6	7 4½	7	
Do. breastsummers	3	11 0	0 6	0 9	12	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	23	10 9	0 3	0 5	26	
Do. wall-plate	1	33 0	0 3½	0 5	4	
Do. eave board	1	33 0	0 ¾	0 6	1	
Cubic feet ...	...	...	...	...	342	
Wrought-iron work.						
¾" diameter bolts to secure verandah wall-plate.	6	1 9	=10 6	×1·47	=15·43	
¾" hex. nuts and heads	6	...	...	× ·43	= 2·58	
3" × 3" × ⅛" washers for heads ...	6	...	...	× ·31	= 1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	...	...	...	20

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sqr. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sqr. feet.
Windows with glazed shutters and frames and $\frac{3}{4}$" square iron bars.						
For record-room	6	3 6	...	5 0	105	Sqr. feet.
Glazed ventilators with frames.						
At sides	4	3 6	...	2 3	$31\frac{1}{2}$	
At gables	8	1 3	...	1 3	$12\frac{1}{3}$	
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 $4\frac{1}{2}$	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.					20	
For Clerks' room ... ... Lineal feet	...	...	...	...		
Painting doors, windows and exposed woodwork with three coats of Carson's oak paint.					192	
Venetian doors	3	64 0	...	...	315	
Do. windows	3	105 0	...	...	210	
Glazed windows with iron bars ...	2	105 0	...	...	44	
Do. ventilators	...	...	...	1 0	150	
Struts	60	2 6	...	0 $8\frac{1}{2}$	269	
Uprights	120	3 2	...	0 $10\frac{1}{2}$	80	
Eaves board	2	45 9	...	7 $4\frac{1}{2}$	59	
Verandah posts	4	2 0	...	1 0	6	
Brackets	6	1 0	...	0 $10\frac{1}{2}$	29	
Eave board	1	33 0	...		1,354	
Square feet ...	...	...	...	...	...	13·54
Squares ...	...	...	...	...		
Wood-oiling, three coats.					120	
Railing	2	20 0	...	3 0	412	
Purlins and ridge	6	22 3	...	3 1	1,463	
Rafters	60	22 6	...	1 1	66	
Breastsummers	3	11 0	...	2 0	268	
Rafters	23	10 9	...	1 1	37	
Wall plate	1	33 0	...	1 $1\frac{1}{2}$	2,366	
Square feet ...	...	...	...	...	...	23·66
Squares ...	...	...	...	...		

ABSTRACT.

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

ABSTRACT—*cont.*

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

MADRAS,
20th December 1881.

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

286/13

DEPARTMENT PUBLIC WORKS.

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

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

EXCAVATOR.

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

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

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

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

BRICKLAYER.

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

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

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

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

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

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

Bond.—The bond should be English if possible.

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

STONE MASON.

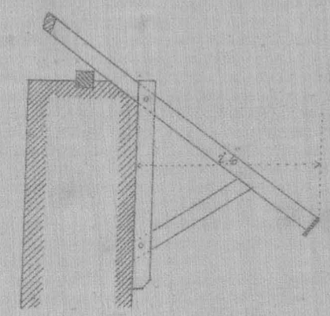
Provide and dress two lines No. 4 stones 1′ 6″ × 1′ 6″ × 6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

CARPENTER.

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

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



120 W.A/14-1-82

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.

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

14th January 1882, No. 120 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

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

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

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

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

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

No. 2150.

MEMORANDUM.

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

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

19th September 1881.

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

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

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

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

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

(True Extract.)
(Signed) R. DAVIDSON,
Chief Secretary.

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

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

Two Specifications.
Four Detailed Estimates.

No. 70. ORDER THEREON, 14th January 1882, No. 120 W.

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

(True Extract)

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

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

Exd. S. T. Austin.
Spare Copies.

280
15

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEER,

&c., &c., &c.

Dated January, 14th.

Issued.

Encl.

Recd.

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

JANUARY.

Nos. 69-70.

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

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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

21st July 1881, No. 1,783 W.

Buildings and Roads.
Civil Works.

Read the following papers:—

No. 35. Proceedings of Government, Judicial Department, dated 6th June 1881, No. 1,118.

From G. HAMNETT Esq., Inspector-General of Registration, to the Superintending Engineer, Second Circle, dated Párvatipur, 18th February 1881.

REFERRING to the correspondence ending with my letter No. 39 of the 24th January 1881, I have the honor to transmit in original* a letter from the Registrar of North Arcot, with its enclosures, and to inform you that I agree with that officer in thinking that the accommodation provided for the Registration Department in the 2nd class Taluk Cutcherry to be built at Tirutani is inadequate; and that it would be preferable to place the Post Office in the room assigned for the Sub-Registrar and extend the building, so as to adapt it (according to the sketch adverted to in paragraph 2 of my letter above cited) for the requirements of the Registration Department.

* No. 10, dated 27th January 1881.

No. 100 W.

FORWARDED to the Chief Engineer with the following remarks.

2. The plan and estimate for a new Taluk Cutcherry was sanctioned by Government in G.O., No. 2,706 W., dated 25th November 1880. No funds have as yet been allotted to the work. The plan is according to the standard design; the accommodation allowed for the Sub-Registrar's office is a room of 16 × 8 feet, it is believed that no accommodation for the Post Office, for which a room 16 × 8 is allotted, is required, and that this may be made available as has been done in other places for the Sub-Registrar, the position of the doors being altered.

The Inspector-General of Registration supports his Sub-Registrar's proposal for another room 20 × 16 feet. This is more than has been given in other places, and the Superintending Engineer requests that the accommodation to be supplied for Sub-Registrar's office may be laid down by Government should it be considered that that allowed in the standard plans is not sufficient.

One original letter from Inspector-General of Registration (to be returned).

COIMBATORE,
3rd March 1881.

(Signed) H. R. MEAD, Major, R.E.,
Suptg. Engr., Second Circle,

No. 591.

TRANSFERRED to the Public Department.

9th March 1881.

(Signed) J. PENNYCUICK, Major, R.E.,
Under Secy. to Govt., P.W.D.

From G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 25th March 1881, No. 148.

IN returning the papers received with endorsement No. 494, dated the 12th March 1881, I have the honor to state that if the accommodation allotted in the standard design of 2nd class Taluk Cutcherry for the Post Office is assigned to the Registration Department no further addition need be made to the Cutcherry to be built at Tirutani.

2. On the general question of accommodation for Sub-Registrars, I beg to refer to the sketch plan approved by Government in their Judicial Proceedings, No. 112, dated 20th January 1881, and to state that it would be preferable that the space allotted in the designs for Taluk Cutcherries should be so arranged as to secure the objects aimed at in the sketch plan, viz. :—

(*a*) to keep the records distinct, and
(*b*) to have the clerks so placed as to keep them under the immediate eye of the Registrar, and preclude them from having access to parties coming for registration.

3. The Superintending Engineer, Second Circle, states that "no funds have as yet been allotted" for building the Taluk Cutcherry at Tirutani. With reference to this I would respectfully point out that if the provision of accommodation for the Registration Department is to depend upon the provision of funds for the erection of Taluk Cutcherries, there appears to be little prospect of the accommodation urgently needed in many places being provided within any reasonable time.

From the Postmaster-General, Madras, dated 30th May 1881, No. A 1,371-413.

IN reply to your official memorandum No. 754, dated 23rd April 1881, I have the honor to state that the room in question, 16 × 8 feet, in the Sub-Magistrate's Cutcherry at Tirutani, will not be sufficient for the purposes of the Post Office, and may therefore, as proposed, be made over to the Registration Department.

COMMUNICATED, with letter from the Inspector-General of Registration, dated 25th March 1881, No. 148, to the Public Works Department, with reference to endorsement in that Department, dated 9th March 1881, No. 591.

(True Extract.)

(Signed) C. G. MASTER,
Offg. Chief Secretary.

To the Public Works Department.

No. 35-A. From the Superintendent of Works, Presidency, dated 20th June 1881, No. 1,048.

No. 35-B. From the Superintending Engineer, First Circle, dated 22nd June 1881, No. 673.

No. 35-C. MEMORANDUM.

No. 1,522.

WITH reference to letter from the Inspector-General of Registration No. 148, dated 25th March 1881, recorded in G.O., Judicial Department, No. 1,118, dated 6th June 1881, the undersigned has the honor to remark that the sketch plan approved in G.O., Judicial Department, No. 112, dated 20th January 1881, does not

appear to give sufficient accommodation, and to request that the Inspector-General will be good enough to state exactly what accommodation is necessary for Registrars and Sub-Registrar's Offices.

2. If this be approved the Consulting Architect will be directed to prepare the necessary standard designs for the sanction of Government.

3. It is requested that the above information may be submitted as soon as possible as Superintending Engineers are awaiting the settlement of this question, to enable them to prepare plans and estimates for registration offices where required in their respective circles.

(By Order.)

(Signed) C. C. RAWSON, Captain, R.E.,
Ag. Dy. Chief Engineer, P.W.D.

28th June 1881.

To the Inspector-General of Registration.

No. 35-D. From G. HAMNETT, Esq., Inspector-General of Registration, to the Secretary to Government, Public Works Department, dated Camp at Tennelly, Coimbatore, 6th July 1881, No. 376.

REFERRING to your memorandum No. 1,522, dated the 28th June ultimo, I have the honor to annex an extract (paragraph 8) from my letter to the Chief Secretary to the Government, No. 272, dated 11th May 1881, recorded in Judicial Proceedings, No. 1,145, dated 9th June 1881.

2. The accommodation provided in the sketch plan approved in Judicial G.O., No. 112, dated 20th January 1881, seems to me to be sufficient for *Sub-Registry* offices, but should you think otherwise it may be enlarged.

3. For *Registrars'* Offices there should be at least two rooms 30 × 20 feet, with a verandah on one side.

4. Fire-proof rooms are desirable, but there are no funds available at present for the construction of such rooms.

5. The windows in the record-room should, I think, be made with iron bars and strong wooden shutters.

6. To save delay and correspondence I beg to hand you a letter,* with enclosures, from the Acting Superintendent of Works, Godávari, to my address, and to request that you will be pleased to advise him of the accommodation which may be finally determined upon for *Sub-Registrars* and *Registrars'* offices respectively.

* No. 823, dated 25th June 1881.

From G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Ootacamund, 11th May 1881, No. 272.

* * * * *

8. The plan approved of by the Government affords ample accommodation for every Sub-Registry Office, but for the District Registrars' Offices the dimensions would have to be altered to suit the exact requirements of each office. I say each office, as the records and establishments of some Registrars are more extensive than others.

* * * * *

No. 35-E. From Superintending Engineer, Third Circle, dated 16th July 1881, No. 288 W.

No. 36. ORDER THEREON, 21st July 1881, No. 1,783 W.

ORDERED that the sketch plan approved in G.O., Judicial Department, No. 112, dated 20th January 1881, be forwarded to the Consulting Architect in view to the very early preparation of standard designs, with estimates and specifications, for Registrars and Sub-Registrars' Offices, attention being given to the remarks of the Inspector-General of Registration as to dimensions, &c., in his letter No. 376, dated 6th July 1881.

2. The estimates, &c., for Registry offices at Cocanada and Amalápuram will be returned to the Superintendent of Works, Godávari, who will resubmit them with the necessary alterations on receipt of standard designs.

(True Extract.)

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

To the Consulting Architect to Government,
with sketch plan and copy of G.O., No. 260 W., dated 31st January 1881.
To Superintending Engineers.
To the Superintendent of Works, Godávari, with twelve enclosures.
To other Superintendents of Works.
To the Judicial Department.

Exd. S. T. Austin.
Spare Copies

280/18

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1881] Madras.

PUBLIC WORKS.

To

THE CONSULTING ARCHITECT,
TO GOVERNMENT,
&c., &c., &c.

Dated July, 21st.

Issued

Encl.

Recd.

G.O., 21st July 1881, No. 1,783 W.

JULY.
Nos. 35-36.

Registrars and Sub-Registrars' Offices.—An approved sketch plan of a Registration Office forwarded to the Consulting Architect in view to the preparation of standard designs, with estimates and specifications, for —.

No 569 P.D.

Report to accompany the Estimate amounting to Rs 2125 for constructing a Sub-Registrar's office at Tirchuli in the Madura Division.

Encls: 3.
1. A statement with land statement
1 - sike sketch
1: Drawing

References.

G.O.P.W.D. No 1308 of 20 March 1882.

Report.

As there is no Government building for the accommodation of the Sub-Registrar of Tirchuli an Estimate is called for by Government in the above G.O.

The Estimate is prepared in accordance with the standard design No 21 and Estimate sanctioned in G.O. No 120 W of 14 January 82 and provision is also made in the Estimate for water boards at the request of the Inspector General.

A sketch showing the proposed site is also forwarded and no provision has been made in the Estimate for compensation to the building in the

Constructed on Government land.

The rates entered in the Estimate are considered fair.

The work is recommended for sanction and could be completed 9 months after funds are allotted.

W. A. Rees 2 Feb 1882

Supt Engineer, Circle.

Trichinopoly.
11th January 83.

Sup 19/1/83

W.C. № 567

From

The Supt. Engineer
6th circle.

To

The Chief Engineer
Pwd.

Eo. 120. M. 14.1.82
" 1763. M. 21.7.81
" 730. M. 20.3.82

№ 569 nd
Dated 11th
Dep 19th
Recd. 23 January/83.

Encls: 3
(2 plans)

Sub-Registrar's office at
Trichuli:—

Report to accompany
the Estimate for Const.n &c—

Public Works Department, 1882-83.

Current No. 567.

Letter No. 569 M.D.

Dated the 11th January/83

From the Supty. Engr. Sixth Circle

Note of Remarks.

The estimate provides for the construction of a Sub Registrar's Office at Tiruchulai Madura Division, & amounts to Rs. 2125—0—0

A sketch of site and plan of building accompany estimate. Both Report & Specification are correct.

Plan and Estimate have been prepared in accordance with standard plan No. 21 and estimate sanctioned in G.O. No. 120 M. of 14th January/82 excepting the addition of two weather boards.

This addition has been made at the request of the Inspector General of Registration and costs Rs. 25—0—0

Rates

Rates are fair.
Estimate & Plan have been countersigned by the Inspector General of Registration.

23rd January/88

WH

P. W. Secretariat.

C. No. 567

280/22

Note by Budget Section.

Work	Remarks and References.
Construction of two Registrars Office at Sinnebar, Matara Division	

Fund Provincial
Service Head Civil Buildings
Departmental Head Irrigation Works
Amount of Estimate ... ... Rs. 2125
Expenditure in previous year ... ... " "
Allotment in current year ... ... " "
Balance required to complete ... ... " 2125

~~Total Rs~~ ...

Note of available funds.

There is a reserve of Rs 10947 for Registration Offices in 1888 Provincial Budget, from which funds may be appropriated in April ~~1888~~

WH
Budget Clerk.
23/1

No 251 w dt 25 January 83

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S. E. Sixth Circle H.S. No 569 Re. Dt 11 January 1883.

The estimate amounting to Rs 2125. for constructing a Sub Registrar's office at Tirucholi in the Madura Division, is sanctioned for execution when funds are available.

2. This sanction has been registered as Prov. No 211 W of 1882-83, and classified as Civil Buildings Original Works.

S. E. Sixth Circle ✓
with 3 enclos 6
Exr Mra ✓ 11
Accountant Genl ✓ 5
Secy to Govt 7
Despatched 29/1/83 24

Ch

Dy

Attd
29/1/83

Govt. of [1882] Madras.

PUBLIC WORKS.

25-11

Dated

Rec'd. 3-5-83

Read. Encl.

G. O. 25th Jany 1883 No. 250.

Nos. 240 - 241

Sub Registrar's Office

An Estimate for construct-
-ing a — at Tirunelveli
in the Madura Dt. Sanctioned

50
6

Encl. in Recpt. & Reply