(1) Number of pages 440

(2) Date of repair 2.9.87

(3) Initials of the Referencer Lvo

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

PW — DEPARTMENT

G.O. No. / B.P. No.	1400 (W)	Press. / Mis.
Dated	12-5-1883	198

Not to be folded or roughly handled.

Archives —1 10,006-9 89

1400
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 49 T.N.

Note by the Superintending Engineer, Sixth Circle, on the estimate for constructing a Sub-Registrar's Office at Otapidáram in Tinneveily District.

The estimate was called for in G.O., No. 263 W., dated 31st January 1881, and prepared in accordance with the Standard Design Sheet No. 21 for terraced roofing that accompanied G.O., No. 120, dated 14th January 1882.

1 Site Plan.
1 Abstract Estimate.

2. The building is to be constructed on Government waste land in front of the Taluk Cutcherry; no compensation is therefore provided in the estimate. The site has been approved of by the Collector and Sub-Registrar.

3. Weather-boards have been provided to side windows of Clerk's and Registrar's rooms.

4. The work can probably be completed in eight months after sanction and allotment of funds.

TRICHINOPOLY,
26th April 1883.

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

No. 881 C.

Forwarded to the Inspector-General of Registration for countersignature to the estimate if approved.

(By Order.)

(Signed) C. BOWEN, Major, R.E.,
Dy. Chief Engineer, P.W.D.

MADRAS,
2nd May 1883.

No. 958 T.N.

Countersigned and returned.

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

OOTACAMUND,
5th May 1883.

To the Deputy Chief Engineer, Public Works Department.

ORDER—dated 12th May 1883, No. 1400 W., Public Works.

The estimate, amounting to Rs. 2,090, for constructing a Sub-Registrar's Office at Otapidáram in the Tinnevelly District, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 30 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, Sixth Circle, with two Enclosures.
" Examiner of Public Works Accounts.
" Inspector-General of Registration.
" Judicial Department.

Exd. J. W. Fischer.
Spare Copies

1400
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated May, 12th.

Read. *Encl.*

G.O., 12th May 1883, No. 1400 W.

MAY.

Sub-Registrar's Office at Otapidaram

The estimate for constructing a — in the Tinnevelly District, sanctioned.

GOVERNMENT OF MADRAS

PUBLIC WORKS DEPARTMENT.

1400/3

31st January 1881, No. 263 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 171. Proceedings of the Madras Government in the Judical Department, dated 27th January 1381, No. 183.

Read the following letter from the Inspector-General of Registration to the Chief Secretary to Government, dated Madras, 14th January 1881 No. 15 :—

WITH reference to the Proceedings of Government, No. 2,991, dated 27th December 1880, I have the honor to state that new offices are required at the following places, but I doubt whether the funds allotted in the budget estimate for 1881-82 will be sufficient to provide for all :—

Registrar's office at Madras.
(*a*)Do. do. at Nellore.
Do. do. at Mangalore.
(*b*)Do. do. at Kokkarakalam, Tinnevelly.
(*c*)Sub-Registar's office at Conjeeveram, Chingleput.
(*d*)Do. do. at Beltangadi in South Canara.
Do. do. at Payoli in Malabar.
(*e*)Do. do. at Tindivanam in South Arcot.
Do. do. at Otapidáram in Tinnevelly.
Do. do. at Tenkási do.
Do. do. at Sankaranainárkoil do.
Do. do. at Nángunéri do.
Do. do. at Sátúr do.
Do. do. at Tuticorin do.

(*a*) G.O., 20th December 1880, No. 2,932.
(*b*) Letter to Government, 20th December 1880, No. 460.
(*c*) Do. do., 21st ,, ,, ,, 464.
(*d*) Do. do., 27th ,, ,, ,, 472.
(*e*) Plan and estimate submitted.

2. These are irrespective of offices already sanctioned by Government, and for which plans and estimates have been prepared by the Public Works Department.

Copy to the Public Works Department with reference to paragraph 2 of their Proceedings, dated 16th December 1880, No. 2,895 W.

(True Extract.)

(Signed) G. S. FORBES,
Acting Asst. Secretary.

No. 172. ORDER THEREON, 31st January 1881, No. 263 W.

COMMUNICATED to the officers concerned with a view to the requisite plans and estimates being prepared and submitted for sanction.

(True Extract.)

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

To Superintending Engineers.
To the Superintendent of Works, Presidency

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1881 Madras

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c. &c. &c.

Dated January 1881.

Issued

Recd. Encl.

G. O., 31st January 1881, No. 263 P.

JANUARY.

Nos. 171-172.

Registration Offices.—List of new ... communicated to the officers concerned ... preparation of the plans and estimates.

1400/4

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

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Excavation for Foundations.		FT. IN.	FT. IN.	FT. IN.		
Outer walls	...	99 0	4 6	4 6	2,005	
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	
Platforms	...	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	
Deductions—						2,402
Doors	2	4 0	1 6	8 0	96	
Windows	9	3 6	1 6	5 0	236	
Archwork as per details	...	...	...	...	45	
						377
Cubic feet ...	...	...	...	...	...	2,025
Archwork.						
Segmental arch over doors	2	5 3	1 6	1 0	16	
Do. do. windows ...	4	4 9	1 6	1 0	29	
Cubic feet ...	...	...	...	...	45	
Cut-stone work under Posts and in Steps.						
Under posts	4	1 6	1 6	0 6	5	
Steps	...	39 0	1 3	0 6	24	
Cubic feet ...		...	...	...	29	
Teakwood.						
Clerks and Registrar's room joists ...	17	15 6	0 3	0 7½	41	
Record-room joists	17	12 6	0 3	0 6	} 39	
Small joists under coping at sides ...	32	2 7½	0 3	0 6		
Do. do. at angles ...	4	3 6	0 3	0 6		
Waling pieces	2	28 0	0 2	0 6	} 10	
Do.	2	29 6	0 2	0 6		
Verandah posts	4	0 5	0 5	7 4½	5	
Do. breastsummers	3	9 1½	0 5	0 7½	7	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	19	8 0	0 2½	0 3½	9	
Do. wall-plate	1	27 0	0 3	0 5	3	
Do. eave board	...	27 0	0 4	0 ¾	1	
Cubic feet ...	...	...	...	...	117	
Wrought-iron work.						
¾" diameter bolts to secure wall-plates.	6	1 9=	10 6	× 1·47	15·43	
¾" hex. nuts and bolt heads for do.	6	...	...	× ·43	2·58	
3" × 3" × ⅛" washers for do.	6	...	...	× ·31	1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	...	...	...	20
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	4	3 6	...	5 0	70	Do.

1400/5

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Windows with glazed shutters and frames with ¾" square iron bars for Record-room.	5	3 6	...	5 0	88	Sq. feet.
Terrace roofing		30 0	...	28 6	855	Do.
Squares		...	...	...	...	8·55
Slope terracing for verandah		27 0	...	8 0	216	Sq. feet.
Squares		...	...	...	...	2·16
Flooring with 8-inch square bricks over a levelling course.						
Clerks and Registrar's room		24 0	...	12 0	288	
Record-room		24 0	...	9 0	216	
Verandah		27 9	...	6 6	180	
Door pieces	2	4 0	...	1 6	12	
					696	
Deduct stones under posts	4	1 6	...	1 6	9	
					687	
Square feet		...	...	...	...	6·87
Squares		...	...	...	...	
Plastering with two coats.						
Interior—						
Clerks and Registrar's room		72 0	...	12 0	864	
Record-room		66 0	...	12 0	792	
		120 3	...	2 4½	286	
Exterior—						
Basement all round		105 0	...	12 0	1,260	
Superstructure		101 0	...	5 0	505	
Parapet		25 0	...	3 0	75	
Binding wall	2	20 0	...	1 6	60	
Door jambs	4	17 0	...	1 6	102	
Window jambs	5	13 6	...	1 6	101	
Do.						4,045
Deductions.						
2 ×	2	4 0	...	8 0	128	
Doorways ... ... 2 ×	9	3 6	...	5 0	315	
Windows						443
						3,602
Square feet		...	...	...	...	36·02
Squares		...	...	...	...	
Plaster cornice exterior.						
					114	
Ends of terrace ... ... Lineal feet.	...	...	...	...	12	
Wooden railing for Clerks' room ... L. ft.	...	...	...	...		
Painting doors, windows and exposed woodwork with three coats of Carson's paint.					192	
Venetian and panel-doors	3	64 0	...	...	210	
Do. windows ...	3	70 0	...	...		

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting doors, windows and exposed woodwork with three coats of Carson's paint—cont.						
Glazed windows with iron bars						
Waling pieces	2	88 0			176	
Verandah posts	...	115 0	...	...		
Brackets	4	1 8	...	1 2	134	
Eaves board	6	1 0	...	7 4½	49	
	...	27 0	...	1 0	6	
			...	0 8	18	
Square feet ...	...	...	...	...	785	
Squares ...	...	...	...	...	...	7·85
Wood-oiling three coats.						
Railing	2	12 0			72	
Joists	17	15 6	...	3 0	395	
Do.	17	12 6	...	1 6	266	
Do.	32	2 7½	...	1 3	114	
Breastsummers	4	3 6	...	1 2	45	
Rafters	...	27 0	...	1 2	120	
Wall-plate	19	8 0	...	1 8	18	
	...	27 0	...	0 9½		
			...	0 8		
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	...	,,	...
117 ,,	Teakwood wrought and put up ...	...	C. foot.	...
20 lb. ,,	Wrought-iron work	...	,,	...
64 S. feet.	Venetian and panel doors with frames.	...	lb.	...
70 ,,	Venetian windows with frames ...	...	S. foot.	...
88 ,,	Glazed windows with frames and iron bars for Record-room.	...	,,	...
8·55 Squares.	Terrace roofing	...	,,	...
2 16 ,,	Slope terracing	...	Square.	...
6·87 ,,	Flooring with 8-inch square bricks	...	,,	...
36·02 ,,	Plastering with two coats ...	...	,,	...
114 L. feet.	Plaster cornice exterior	...	,,	...
12 ,,	Wooden railing	...	L. foot.	...
7·85 Squares.	Painting doors and windows and other exposed woodwork with three coats of Carson's oak color.	...	,,	...
			Square.	...

1400/6

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	

1400 / 7

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—					96	
Doors	2	4 0	1 6	8 0	341	
Windows	13	3 6	1 6	5 0	83	
Ventilators	7	3 6	1 6	2 3	59	
Archwork as per details						579
						3,460
Cubic feet						
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		3 0	2 0	0 4	4	
Do.	2	2 0	2 0	0 4	5	
	4					
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.	42	2 7½	0 3	0 6		
Do. small under coping	4	3 6	0 3	0 6	14	
Do. angle do.	2	35 3	0 2	0 6		
Waling pieces	2	47 0	0 2	7 4½	7	
Do.	4	0 6	0 6	0 9	12	
Verandah posts	3	11 0	0 6	1 1	2	
Do. breastsummers	6	1 1	0 3	0 4	19	
Do. brackets	23	9 9	0 3	0 5	4	
Do. rafters		33 0	0 3½	0 6	1	
Do. wall-plate		33 0	0 ¾			
Do. cave board					303	
Cubic feet						
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	
					19·87	
lb.						
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
Square feet ...	...	...	...	...	...	5,975
Squares ...	...	...	...	...	...	59·75
Plaster cornice at ends of terrace... L. feet.	...	...	...	...	166	
Wooden railing for Clerks' room... L. feet.	...	...	...	...	20	

1400/8

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	...	1 2	55	
Waling pieces	...	164 6	...	7 4½	192	
Verandah posts...	4	2 0	...	1 0	59	
Do. brackets	6	1 0	...	1 0	6	
Eave board	0	33 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	
Brass summers...	23	9 9	...	0 11	206	
Rafters	...	33 0	...	1 1½	37	
Wall-plate					2,145	
Square feet ...	...	...	...	...	21·45	
Squares ...	...	...	...	...		

ABSTRACT.

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

ABSTRACT— *cont.*

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

MADRAS,
20th December 1881.

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

DEPARTMENT PUBLIC WORKS.

14001
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 stone[illegible]e verandah posts, also those under the beams and fasten properly. All wood supplied by the carpenter.

STONE MASON.

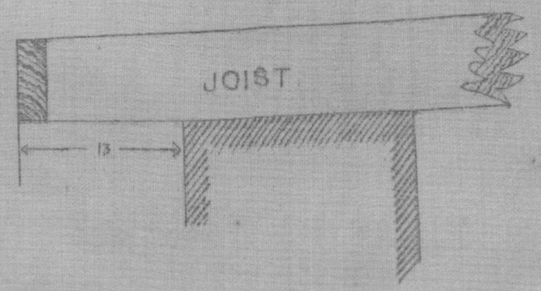
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

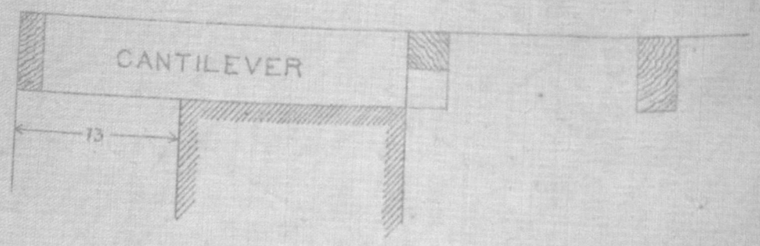
CARPENTER.

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.

1400 to

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—		99 0	2 8	1 6	396	
Outer walls		22 10	1 10	1 6	63	
Partition		37 7	1 6	1 6	85	
Verandah wall						
Above footing to ground level—		99 0	2 3	2 0	445	
Outer walls		23 3	1 6	2 0	70	
Partition		38 0	1 0	2 0	76	
Verandah wall						
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 ¾	0 5	1	
Verandah posts...	4	6 6	0 5	0 5	4	
Do. breastsummers	3	9 1½	0 5	0 7½	7	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	19	9 1½	0 3	0 4	14	
Do. wall-plates	1	27 0	0 3	0 5	3	
Do. eave board	1	27 0	0 ¾	0 5	1	
Cubic feet ...	...	...	...	...	129	
Wrought-iron work.						
¾" diameter bolts to secure verandah wall-plate	6	1 9 = 10 6 ×		1·47=	15·43	
¾" hex. nuts and bolt heads ...	6	...	... ×	·43=	2·58	
3" × 3" × ⅛" washers for do. ...	6	...	... ×	·31=	1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	...	...	...	

1400
11

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
		4 0	...	8 0	64	Sq. feet.
Venetian and panel doors with frames ...	2					
		3 6	...	5 0	70	Do.
Venetian windows with frames ...	4					
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	
					1,289	
Square feet ...	...	...	...	...	...	12·89
Squares ...	...	...	...	...		
Flooring with 8-inch square bricks.						
Clerks' and Registrar's rooms... ...	...	24 0	...	12 0	288	
Record-room	...	24 0	...	9 0	216	
Verandah	2	27 9	...	6 6	180	
Door pieces		4 0	...	1 6	12	
					696	
Deduct stones under posts	4	1 6	...	1 6	9	
					687	
Square feet ...	...	...	...	...	...	6·87
Squares ...	...	...	...	...		
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
						3,946
Square feet ...	...	...	...	...	...	39·46
Squares ...	...	...	...	...		
Wooden Railing.						
For Clerks' room ... Lineal feet.	...	...	...	...	12	...

Detailed Quantities—cont.

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

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
2,954 C. feet.	Excavation for foundations	...	1,000 C. feet.	...
1,056 „	Earth-filling in basement	...	„	...
537 „	Concrete	...	100 C. foot.	...
1,135 „	Brickwork in foundations	...	„	...
599 „	Do. in basement	...	„	...
2,450 „	Do. in superstructure	...	C. foot.	...
94 „	Archwork	...	„	...
43 „	Cut-stone work	...	lb.	...
129 „	Teakwood wrought and put up	...	„	...
20 lb.	Wrought-iron work	...	Sq. foot.	...
64 Sq. feet.	Venetian and panel doors with frames	...	„	...
70 „	Venetian windows with frames	...	„	...
70 „	Glazed windows with frames and iron bars for record-room	...	„	...
12½ „	Glazed ventilators in gables	...	Square.	...
12·89 Squares.	Tiled roofing with flat and pan tiles including teak reepers	...		

1400/12

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		

1400 / 13

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure—cont.						
Gables	3	33 0	1 6	5 3	780	
Over gable end	2	40 0	1 6	0 9	90	
Corbels	12	1 0	0 6	1 6	9	
Band over verandah roof		33 0	0 3	0 9	6	
Deductions—						4,644
Doors	2	4 0	1 6	8 0	96	
Windows	12	3 6	1 6	5 0	315	
Ventilators	4	3 6	1 6	2 3	47	
Archwork as per details					108	
Cubic feet						566
						4,078
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	16	
Do. do. windows	8	4 9	1 6	1 0	57	
Semicircular arches for gable ventilators.	2	11 9	1 6	1 0	35	
Cubic feet					108	
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps		45 0	1 3	0 6	28	
Slabs under beams	3	3 0	2 0	0 4	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. FT. IN.	Breadth. FT. IN.	Depth. FT. IN.	Contents.	Total.
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sqr. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sqr. feet.
Windows with glazed shutters and frames and $\frac{3}{4}$" square iron bars.						
For record-room	6	3 6	...	5 0	105	Sqr. feet.
Glazed ventilators with frames.						
At sides	4	3 6	...	2 3	31½	
At gables	8	1 3	...	1 3	12½	
Square feet ...		...	...	...	44	
Tiled roofing.						
Over rooms	...	45 9	...	46 0	2,105	
Over verandah	...	33 0	...	10 9	355	
Square feet ...	...	...	...	...	2,460	
Squares ...	...	...	...	...	...	24·60
Flooring with 8-inch square bricks over a levelling course of wall bricks.						
Rooms	...	40 0	...	30 0	1,200	
Verandah	...	33 9	...	8 0	270	
Door pieces	2	4 0	...	1 6	12	
					1,482	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet ...	...	...	...	...	1,473	
Squares ...	...	...	...	...	...	14·73
Plastering with two coats.						
Interior—						
Rooms	2	100 0	...	14 0	2,800	
Gables	4	30 0	...	5 3	630	
Exterior—						
Basement all round	...	173 3	...	2 4½	411	
Superstructure	...	155 0	...	14 0	2,170	
Gables	2	33 0	...	5 6	363	
Wall over do.	2	40 0	...	3 0	240	
Door jambs	2	20 0	...	1 6	60	
Window do.	8	17 0	...	1 6	204	
Do.	4	13 6	...	1 6	81	
Ventilator do.	4	8 0	...	1 6	48	
Deductions—						
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	12	3 6	...	5 6	462	
Ventilators ... ... 2 ×	4	3 6	...	2 3	63	
					653	
Square feet ...	...	...	...	...	...	6,354
Squares ...	...	...	...	...	...	63·54

1400/14

Detailed Quantities—cont.

Description of Work.	No.	Length. FT. IN.	Breadth. FT. IN.	Depth. FT. IN.	Contents.	Total.
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	...	...	...	1 0	44	
Struts	60	2 6	...	0 8½	150	
Uprights	120	3 2	...	0 10½	269	
Eaves board	2	45 9	...	7 4½	80	
Verandah posts	4	2 0	...	1 0	59	
Brackets	6	1 0	...	0 10½	6	
Eave board	1	33 0	...	...	29	
					1,354	
Square feet ...	...	...	...	...	...	13·54
Squares ...	...	...	...	...		
Wood-oiling, three coats.						
Railing	2	20 0	...	3 0	120	
Purlins and ridge	6	22 3	...	3 1	412	
Rafters	60	22 6	...	1 1	1,463	
Breastsummers	3	11 0	...	2 0	66	
Rafters	23	10 9	...	1 1	268	
Wall plate	1	33 0	...	1 1½	37	
					2,366	
Square feet ...	...	...	...	...	...	23·66
Squares ...	...	...	...	...		

ABSTRACT.

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

ABSTRACT—*cont.*

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

MADRAS,
10th December 1881.

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

1400/15

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.

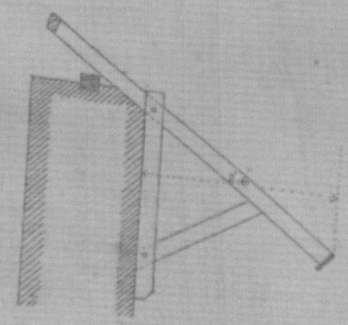
Provide and dress two lines No. 4 stones 1' 6" × 1' 6" × 6" with mortice holes 2" square and 2" deep to receive the verandah posts.

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 this 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.

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.,
19th September 1881. Deputy Chief Engineer, P.W.D.

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

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

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

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

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

(True Extract.)

(Signed) R. DAVIDSON,
Chief Secretary.

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

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

Two Specifications.
Four Detailed Estimates.

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

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

(True Extract)

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

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

Exd. S. T. Austin.
Spare Copies

1400/17

BUILDINGS AND ROADS
CIVIL WORKS.

Govt. of [1882] Madras.

PUBLIC WORKS.

To

SUPERINTENDING ENGINEERS,

&c., &c., &c.

Dated January, 14*th*.

Issued.

Recd. *Encl.*

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

JANUARY.
Nos. 69-70.

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

No 149 T.D 1880

Note by the Superintending Engineer 6 Circle on the estimate for constructing a Sub. Registrar's office at Attapidaram in Tinnevelly District.

Encls: 2. Sketch plan 1. abstract estimate.

The estimate was called for in G.O No 263 W dated 8 January 1881 and prepared in accordance with the standard design sheet No 21, for terraced roofing that accompanied G.O. No 120 dated 14 January 1882.

2. The building is to be constructed on Government waste land in front of the Taluq kutcherry, no compensation is therefore provided in the estimate. The site has been approved of by the Collector and Sub. Registrar.

3. Wattled boards have been provided to side windows of clerks and Registrars rooms.

4. The work can probably be completed in eight months after

sanction and allotment of funds.

Theo Rk

Deputy Engineer Leinster.

Leichinopsh

26th April 1888

1400
29

Madras
2d May 1883

No 881C

P.W.C. No. 3569
3891

Forwarded to the Inspector-General of Registration for Countersignature to the estimate if approved

(By order)

Major R.E.
Chief Engineer
P.W.Dept.

From,

The Supt Engineer
6: Circle

To,

The Chief Engineer
P. W. D.

No. 4 G T.T

Dated 26th April 1883.

Read 30 April 83
9/5/83.

Encl: 2 (Estimate)

No. 1600 W dy 12-5-83

Insp-Regist: and
Offcr at Attapidaram

Submits for
sanction an Estimate
for constructing a —

Forwarded

T. No. 958- 5. May 83.
Attachment

Countersigned & re:
turned. W. Hammick
Insp: Genl of Regs.

To the Deputy Chief Engineer
Public Works Department.

No 1400 W Public Works Department.

14a

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 12th May 1883

Read the following

From the Supg: Engr: State Circle No 195 J dated 26 April 83

Endorsement thereon by the Inspector General of Regist: No 958 dated 5 May 1883

The Estimate amounting to Rs 2090 for Constructing a Sub Registrar's office at Attapidaram in the Tuticorin District is sanctioned for execution when funds are available.

2. This sanction has been registered as Provisional No 30 W of 1882-83 and classified as Civil Building: Sup Original Works.

Per wo 19/3

To
The Supg Engineer Sixth Circle
" Examiner with 2 Encls
" Inspector General of Regs
" Judicial Department

Cy.
10/5.

Attd
11/5.

1400
234

3541
3589

Govt. of (1883) Madras.

PUBLIC WORKS.

Dated 15/5

Recn. Encl.

G. O., 12 May 1883, No. 1401-6

Nos.

Sub Registrar's Office
at Ottapidaram

The Sub-Registrar of Ottapidaram
is directed

50/6

Enclosed Receipt Register