Archives I 10,006—16-8 77.

(1) Number of pages 42

(2) Date of repair 23.6.87

(3) Initials of the Referencer [illegible]

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. / B.P. No.	1591	W	Press. / Mis.
Dated	6.6.1883		197 .

Not to be folded or roughly handled

1591/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Ootacamund, 22nd May 1883, No. 217:—

With reference to G.O., No. 3040 W., of 16th November last, I have the honor to submit, for sanction, an abstract estimate, amounting to Rs. 1,870, for constructing a Sub-Registrar's Office at Námakal, in Salem Division, duly approved and countersigned by the Inspector-General of Registration.

1 Site Plan.
1 Abstract Estimate.
1 Specification.

2. The estimate has been prepared, as per printed estimate appertaining to the Standard Design (Sheet No. 21 *) with terraced roof, according to the wishes of the Registrar-General, as that style of roof is more suitable to the climate of that district, as well as for securing the valuable records from thieves and fire, than any other.

* Approved in G.O., No. 120 W., of 14th January 1882.

3. The building in question is proposed to be built in the compound of the Taluk Cutcherry at the south end of the ryots' shed, as per enclosed site plan, which has been approved of by the Collector.

ORDER—dated 6th June 1883, No. 1591 W., Public Works.

The estimate, amounting to Rs. 1,870, for constructing a Sub-Registrar's Office at Námakal, in the Salem Division, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 46 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, Fourth 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 June, 6th.

Recd. *Enc*

G.O., 6th June 1883, No. 1591 W.

JUNE.

Sub-Registrar's Office at Namakal

Estimate for constructing a —, in the Salem Division, sanctioned.

16TH NOVEMBER 1882, No. 3040 W., PUBLIC WORKS.

1591
3040
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 108.

READ—the following paper :—

G.O., dated 14th November 1882, No. 1306, Judicial.

From G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 4th November 1882, No. 3037 G.

In June last I wrote to the Collector of Salem regarding the insufficiency of the accommodation given to the Sub-Registrar of Námakal in the Taluk Cutcherry, and requested to be informed whether any arrangement could be made to give him some more space. The Acting Collector in his reply, received on the 1st instant, says that more space cannot be allotted.

2. I inspected the office on the 5th October 1882. An extract from my notes of inspection is enclosed, and I have the honor to request that you will be pleased to obtain the sanction of the Government for the erection of a new office for the Sub-Registrar of Námakal on the standard design.

ENCLOSURE.

Extract from the notes on the inspection of the Sub-Registrar's Office at Námakal in the district of Salem on the 5th October 1882.

"The office is held in a room in the Taluk Cutcherry. The room is altogether inadequate for the purposes of a rising office like this where, at times, as many as 50 documents are presented for registration in one day. Besides the Sub-Registrar and his three Clerks the room contains two almirahs, a table, three writing desks and two benches. A new office on the standard design is much needed."

Order—dated 14th Nove[illegible]r 1882, No. 1306, Judicial.

Appr[illegible]ved and [illegible]nsferred to the Public Works Department.

(By Order.)

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

No. 109.

ORDER—dated 16th November 1882, No. 3040 W., Public Works.

Communicated to the Superintending Engineer, Fourth Circle, who will submit estimates for a separate building.

(True Extract.)

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

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

Esd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras

PUBLIC WORKS.

Dated November, 16*th*.

Read. *En*

G.O., 16th Nov. 1882, No. 3040 W

NOVEMBER.
Nos. 108-109.

Sub-Registry Office at Namaka

Estimates for a — in the Salem Distri
called for from the Superintending Engine
Fourth Circle.

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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	

3

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						
Windows	2	4 0	1 6	8 0	96	
Archwork as per details	9	3 6	1 6	5 0	236	
					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	12 6	0 3	0 6	} 39	
Record-room joists	32	2 7½	0 3	0 6		
Small joists under coping at sides ...	4	3 6	0 3	0 6		
Do. do. at angles ...	2	28 0	0 2	0 6	} 10	
Waling pieces	2	29 6	0 2	0 6		
Do.	4	0 5	0 5	7 4½	5	
Verandah posts	3	9 1½	0 5	0 7½	7	
Do. breastsummers	6	1 1	0 3	1 1	2	
Do. brackets	19	8 0	0 2½	0 3½	9	
Do. rafters	1	27 0	0 3	0 5	3	
Do. wall-plate	...	27 0	0 4	0 ¾	1	
Do. eave board						
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.

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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 ¾″ square iron bars for Record-room.	5	3 6	...	5 0	88	Sq. feet.
Terrace roofing	...	30 0	...	28 6	855	Do.
Squares ...	...	...	...	...	...	8·55
Slope terracing for verandah	...	27 0	...	8 0	216	Sq. feet.
Squares ...	...	...	...	...	...	2·16
Flooring with 8-inch square bricks over a levelling course.						
Clerks and Registrar's room	...	24 0	...	12 0	288	
Record-room	...	24 0	...	9 0	216	
Verandah	...	27 9	...	6 6	180	
Door pieces	2	4 0	...	1 6	12	
					696	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet ...	...	...	...	...	687	
Squares ...	...	...	...	...	...	6·87
Plastering with two coats.						
Interior—						
Clerks and Registrar's room	...	72 0	...	12 0	864	
Record-room	...	66 0	...	12 0	792	
Exterior—						
Basement all round	...	120 3	...	3 4½	386	
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 ×	6	3 6	...	5 0	315	
						443
					...	3,602
Square feet ...	...	...	...	...		
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.	33	2 7½	...	1 2	} 114	
Breastsummers	4	3 6	...	1 2		
Rafters	...	27 0	...	1 8	45	
Wall-plate	19	8 0	...	0 9½	120	
	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	1,030	
Squares ...	...	...	...	...	...	10·30

ABSTRACT.

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

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ABSTRACT—*cont.*

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

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Detailed Quantities—Cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls		149 0	1 6	14 0	3,759	
Partition		30 0	1 6	14 0		
Corbels	8	1 0	0 6	1 6	6	
Parapet		151 0	1 0	0 6	76	
Do.		150 0	0 9	1 0	113	
Do.		151 0	1 0	0 4	50	
Do.		31 0	1 6	0 9	35	
Binding wall						4,039
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	13	3 6	1 6	5 0	341	
Ventilators	7	3 6	1 6	2 3	83	
Archwork as per details					59	
						579
Cubic feet						3,460
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	59	C. feet.
Do. windows	6	4 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps		45 0	1 3	0 6	28	
Slabs under beams	2	3 0	2 0	0 4	4	
Do.	4	2 0	2 0	0 4	5	
Cubic feet					42	
Teakwood.						
Beams	4	22 3	0 10	1 5	105	
Joists	56	12 3	0 3	0 6	139	
Do.	28	10 9	0 3	0 6		
Do.	42	2 7½	0 3	0 6		
Do. small under coping	4	3 6	0 3	0 6		
Do. angle do.	2	35 3	0 2	0 6	14	
Waling pieces	2	47 0	0 2	0 6		
Do.	4	0 6	0 6	7 4½	7	
Verandah posts	3	11 0	0 6	0 9	12	
Do. breastsummers	6	1 1	0 3	1 1	2	
Do. brackets	23	9 9	0 3	0 4	19	
Do. rafters		33 0	0 3½	0 5	4	
Do. wall-plate		33 0	0 ¼	0 6	1	
Do. eave board						
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″ ½″ washers	6			×·31	1·86	
lb					19·87	
Say lb.						20

b

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Do.
Windows with glazed shutters and frames and $\frac{3}{4}$" square iron bars for Record-room.	7	3 6	...	5 0	123	Do.
Glazed ventilators	7	3 6	...	2 3	55	Do.
Terrace roofing	...	36 0	...	47 6	1,710	Do.
Squares ...	...	...	...	...	...	17·10
Slope terrace for verandah	...	33 0	...	9 9	322	Sq. feet.
Squares ...	...	...	...	...	...	3·22
Flooring with 8-inch square bricks.						
Rooms	...	40 0	...	30 0	1,200	
Verandah	...	33 9	...	8 0	270	
Door pieces	2	4 0	...	1 6	12	
					1,482	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet ...	...	...	...	...	1,473	
Squares ...	...	...	...	...	...	14·73
Plastering with two coats.						
Interior	...	...	...	...	...	
Rooms	2	100 0	...	14 0	2,800	
Exterior	...	...	...	...	...	
Basement all round	...	173 3	...	2 4½	411	
Superstructure	...	155 0	...	14 0	2,170	
Parapet	...	151 0	...	5 0	755	
Binding wall	...	31 0	...	3 0	93	
Door jambs	2	20 0	...	1 6	60	
Window do.	6	17 0	...	1 6	153	
Do. do.	7	13 6	...	1 6	142	
Ventilator do.	7	8 0	...	1 6	84	
						6,668
Deductions—						
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	13	3 6	...	5 0	455	
Ventilators ... ... 2 ×	7	3 6	...	2 3	110	
						693
Square feet ...	...	...	...	...	...	5,975
Squares...	...	...	...	...	...	59·75
Plaster cornice at ends of terrace...L. feet.	...	...	...	...	166	
Wooden railing for Clerk's room:..L. feet.	...	...	...	...	20	

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Detailed Quantities.—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting doors, windows and exposed woodwork with three coats of Carson's oak paint.						
Venetian and panel doors	3	64 0	...	...	192	
Do. windows	3	105 0	...	...	315	
Glazed windows with iron bars ...	2	123 0	...	...	246	
Do. ventilators	1	55 0	...	...	55	
Waling pieces	...	164 6	...	1 2	192	
Verandah posts...	4	2 0	..	7 4½	59	
Do. brackets.	6	1 0	...	1 0	6	
Eave Board	0	33 0	...	1 0	33	
Square feet ...	...	...	...	...	1,098	
Squares ...	...	...	...	...	...	10·98
Wood-oiling, three coats.						
Railing	2	20 0	...	3 0	120	
Beams	4	23 0	...	3 8	337	
Joists	56	12 3	...	1 3	1,234	
Do.	28	10 9	...	1 3		
Do.	42	2 7⅓	...	1 2	145	
Do.	4	3 6	...	1 2		
Breastsummers	3	11 0	...	2 0	66	
Rafters	23	9 9	...	0 11	206	
Wall-plate	...	33 0	...	1 1½	37	
Square feet ...	...	...	...	...	2,145	
Squares ...	...	...	...	...	...	21·45

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
4,213 C. feet ...	Excavation for foundations	...	1,000 C. feet.	...
2,363 ,, ...	Earth-filling in basement	...	,,	...
756 ,, ...	Concrete	...	100 C. feet.	...
1,633 ,, ...	Brickwork in foundations	...	,,	...
862 ,, ...	Do. in basement	...	,,	...
3,460 ,, ...	Do. in superstructure	...	,,	...
59 ,, ...	Archwork	...	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 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 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.

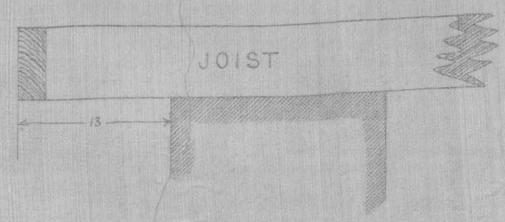
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

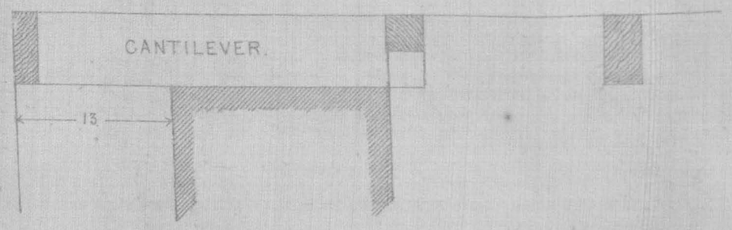
CARPENTER.

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.

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ESTIMATE of the Cost of constructing a Sub-Registrar's Office with tiled roofing according to Standard Design, Sheet No. 22, signed by the Officiating Consulting Architect to Government on 16th September 1881.

Detailed Quantities.

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

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls		99 0	1 6	12 0	2,214	
Partition		24 0	1 6	12 0		
Gables	3	27 0	1 6	4 6	547	
Over gable ends	2	33 0	1 6	0 9	74	
Corbels	12	1 0	0 6	1 6	9	
Band over verandah roof	1	27 0	0 3	0 9	5	
						2,849
Deductions.						
Doorways	2	4 0	1 6	8 0	96	
Windows	8	3 6	1 6	5 0	210	
Gable ventilators	8	1 3	1 3	1 6	19	
Archwork as per details	...	...	...	...	94	
						419
Cubic feet ...	...	...	...	...	...	2,430
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0		
Do. windows	6	4 9	1 6	1 0	94	C. feet.
Semi-circle arch for gable ventilator	2	11 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps	...	39 0	1 3	0 6	24	
Slabs under beams	3	2 0	3 0	0 4	6	
Do.	6	2 0	2 0	0 4	8	
Cubic feet ...	...	...	...	...	43	
Teakwood.						
Clerks' room purlins and ridge ...	3	14 0	0 5	0 9	23	
Record-room do.	3	11 0	0 5	0 9	8	
Wall-plates	2	25 6	0 3	0 3	8	
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. ...	...	...	...	...	...	

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	4	3 6	...	5 0	70	Do.
Glazed windows with frames and ¾" square iron bars for Record-room ...	4	3 6	...	5 0	70	Do.
Glazed ventilators in gables	8	1 3	...	1 3	12½	Do.
Tiled roofing.						
Over rooms	...	26 9	...	39 0	1,043	
Do. verandah	...	27 0	...	9 1½	246	
Square feet ...	...	...	...	...	1,289	
Squares ...	...	...	...	...	...	12·89
Flooring with 8-inch square bricks.						
Clerks' and Registrar's rooms	...	24 0	...	12 0	288	
Record-room	...	24 0	...	9 0	216	
Verandah	...	27 9	...	6 6	180	
Door pieces	2	4 0	...	1 6	12	
					696	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet ...	...	...	...	...	687	
Squares ...	...	...	...	...	...	6·87
Plastering with two coats.						
Interior—						
Clerks' and Registrar's room		72 0	...	12 0	864	
Record-room		66 0	...	12 0	792	
Gables	4	24 0	...	4 6	432	
Exterior—						
Basement all round		120 3	...	2 4½	286	
Superstructure		105 0	...	12 0	1,260	
Gables	2	27 0	...	5 2	279	
Wall over do.	2	33 0	...	3 0	198	
Door jambs	2	20 0	...	1 6	60	
Window do.	4	17 0	...	1 6	102	
Do. do.	4	13 6	...	1 6	81	
						4,354
Deductions.						
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	8	3 6	...	5 0	280	408
Square feet ...	...	...	...	...	...	3,946
Squares ...	...	...	...	...	...	39·46
Wooden Railing.						
For Clerks' room ... Lineal feet.	...	...	...	...	12	...

Detailed Quantities—cont.

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

ABSTRACT.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
2,954 C. feet.	Excavation for foundations ...	...	1,000 C. feet.	...
1,056 „	Earth-filling in basement ...	...	„	...
537 „	Concrete	...	100 C. feet.	...
1,135 „	Brickwork in foundations ...	...	„	...
599 „	Do. in basement	...	„	...
2,430 „	Do. in superstructure ...	...	„	...
94 „	Archwork	...	„	...
43 „	Cut-stone work	...	C. foot.	...
129 „	Teakwood wrought and put up ...	...	„	...
20 lb.	Wrought-iron work	...	lb.	...
64 Sq. feet.	Venetian and panel doors with frames	...	Sq. foot.	...
70 „	Venetian windows with frames ...	...	„	...
70 „	Glazed windows with frames and iron bars for record-room ...	...	„	...
12½ „	Glazed ventilators in gables ...	...	„	...
12·89 Squares.	Tiled roofing with flat and pan tiles including teak reepers ...	...	Square.	...

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ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
6·87 Squares.	Flooring with 8-inch square bricks.	...	Square.	...
39·46 „	Plastering with two coats	...	„	...
12 L. feet.	Wooden railing	...	L. foot.	...
9·08 Squares.	Painting doors, windows and exposed wood-work with three coats of Carson's oak paint.	...	Square.	...
10·65 „	Wood-oiling roof-timbers, &c., three coats.	...	„	...
	Contingencies at 5 per cent. ...	...	...	...
	Total ...	...	...	...

MADRAS,
20th December 1881.

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

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

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls		149 0	4 6	4 6	3,017	
Partition		27 0	3 8	4 6	446	
Verandah walls		44 9	3 6	4 6	705	
Steps		15 0	3 0	1 0	45	
Cubic feet					4,213	
Earth-filling in Basement.						
Rooms		30 0	40 0	1 6	1,800	
Platform		11 6	20 0	1 0	230	
Verandah		31 9	7 0	1 6	333	
Cubic feet					2,363	
Concrete.						
Outer walls		149 0	3 6	1 0	522	
Partition		28 0	2 8	1 0	75	
Verandah walls		45 9	2 6	1 0	114	
Steps		15 0	3 0	1 0	45	
Cubic feet					756	
Brickwork in Foundations.						
Footing course—						
Outer walls		149 0	2 8	1 6	596	
Partition		28 10	1 10	1 6	79	
Verandah walls		46 7	1 6	1 6	105	
Above footing to ground level—						
Outer wall		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah wall		47 0	1 0	2 0	94	
Cubic feet					1,633	
Brickwork in Basement.						
Outer walls		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah walls		47 0	1 0	2 0	94	
Steps		15 0	3 0	0 6	23	
Do.		13 0	2 0	0 6	13	
Do.		11 0	1 0	0 6	6	
					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 3¾	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	
⅝" hex. nuts and heads	6			× ·43	= 2·58	
⅜" × 3" × ⅛" washers for heads	6			× ·31	= 1·86	
lb.					19·87	
Say lb.						20

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sq. feet.
Windows with glazed shutters and frames and ⅜" square iron bars.						
For record-room	6	3 6	...	5 0	105	Sq. feet.
Glazed ventilators with frames.						
At sides	4	3 6	...	2 3	31½	
At gables	8	1 3	...	1 3	12½	
Square feet ...	...	...	...	...	44	
Tiled roofing.						
Over rooms	...	45 9	...	46 0	2,105	
Over verandah	...	33 0	...	10 9	355	
Square feet ..	...	...	...	...	2,460	
Squares ...	...	...	...	...	...	24·60
Flooring with 8-inch square bricks over a levelling course of wall bricks.						
Rooms	...	40 0	...	30 0	1,200	
Verandah	...	33 9	...	8 0	270	
Door pieces	2	4 0	...	1 6	12	
					1,482	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet ...	...	...	...	...	1,473	
Squares ...	...	...	...	...	...	14·73
Plastering with two coats.						
Interior—						
Rooms	2	100 0	...	14 0	2,800	
Gables	4	30 0	...	5 3	630	
Exterior—						
Basement all round	...	173 3	...	2 4½	411	
Superstructure	...	155 0	...	14 0	2,170	
Gables	2	33 0	...	5 6	363	
Wall over do.	2	40 0	...	3 0	240	
Door jambs	2	20 0	...	1 6	60	
Window do.	8	17 0	...	1 6	204	
Do.	4	13 6	...	1 6	81	
Ventilator do	4	8 0	...	1 6	48	
Deductions—						
Doorways ... ... 2 ×	2	4 0	...	8 0	128	
Windows ... ... 2 ×	12	3 6	...	5 6	462	
Ventilators ... ... 2 ×	4	3 6	...	2 3	63	
						653
Square feet ...	...	...	...	...	...	6,354
Squares ...	...	...	...	...	...	63·54

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Wooden railing.						
For Clerks' room ... ... Lineal feet	...	...	...	...	20	
Painting doors, windows and exposed woodwork with three coats of Carson's oak paint.						
Venetian doors	3	64 0	...	...	192	
Do. windows	3	105 0	...	...	315	
Glazed windows with iron bars ...	2	105 0	...	...	210	
Do. ventilators	...	...	...	...	44	
Struts	60	2 6	...	1 0	150	
Uprights	120	3 2	...	0 8½	269	
Eaves board	2	45 9	...	0 10½	80	
Verandah posts	4	2 0	...	7 4½	59	
Brackets	6	1 0	...	1 0	6	
Eave board	1	33 0	...	0 10½	29	
Square feet ...	...	...	...	...	1,354	
Squares ...	...	...	...	...	...	13·54
Wood-oiling, three coats.						
Railing	2	20 0	...	3 0	120	
Purlins and ridge	6	22 3	...	3 1	412	
Rafters	60	22 6	...	1 1	1,463	
Breastsummers	3	11 0	...	2 0	66	
Rafters	23	10 9	...	1 1	268	
Wall-plate	1	33 0	...	1 1½	37	
Square feet ...	...	...	...	...	2,366	
Squares ...	...	...	...	...	...	23·66

ABSTRACT.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
4,213 C. feet	Excavation for foundation	...	1,000 C. feet.	...
2,363 ,,	Earth-filling in basement	...	100 ,,	...
756 ,,	Concrete	...	,,	...
1,633 ,,	Brickwork in foundations	...	,,	...
862 ,,	Do. in basement	...	,,	...
4,078 ,,	Do. in superstructure	...	,,	...
108 ,,	Archwork	...	C. foot.	...
47 ,,	Cut-stone work	...	,,	...
342 ,,	Teakwood wrought and put up ...	...	lb.	...
20 lbs.	Wrought-ion 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. RS. A. P.	Per	Amount. RS. A. P.
24·60	Squares.	Tiled roofing with flat and pan tiles including teak reepers	...	Square.	...
14·73	,,	Flooring with 8-inch square bricks ...	...	,,	...
63·54	,,	Plastering with two coats	...	,,	...
20	L. feet.	Wooden railing	...	L. foot.	...
13·54	Squares.	Painting with three coats of Carson's paint	...	Square.	...
23·66	,,	Wood-oiling roof timbers, three coats	...	,,	...
...		Contingencies at 5 per cent.	...	...	...
		Total ...	...		...

MADRAS,
20th December 1881.

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

DEPARTMENT PUBLIC WORKS.

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

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

EXCAVATOR.

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

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

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

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

BRICKLAYER.

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

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

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

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

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

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

Bond.—The bond should be English if possible.

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

STONE MASON.

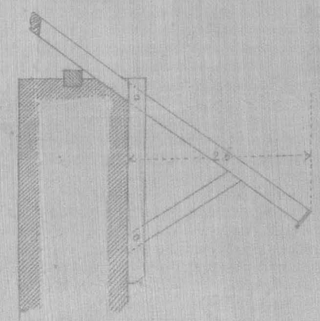
Provide and dress two lines No. 4 stones 1′ 6″ × 1′ 6″ × 6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

CARPENTER.

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

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



ROOFING.

Tiling.—Cover the roof with well burnt flat and pan tiles laid in the usual manner and the ridge with tiles specially made for the purpose.

Chunam bands.—Protect the ridge with chunam and lay bands on the tiling ——— inches broad and ——— inches apart rough cast on the surface.

FLOORING.

After the surface has been brought up to the proper level lay an even floor of 8-inch square tiles set diagonally. The tiles will be rubbed on the surface and gauged to fit each other.

PLASTERER.

Plaster the whole of the interior and exterior with two coats of plaster. (See Specification Standard Design for Police Stations, dated 15th January 1881.)

MATERIALS.

The bricks will be cast in a mould ——— inches × ——— inches × ——— inches, well burnt and free from defects.

The timber will be well seasoned and free from defects.

The lime will be collected at ——— properly burnt and slaked.

The sand will be collected at ——— .

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

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

14th January 1882, No. 120 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

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

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

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

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

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

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

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

19th September 1881.

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

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

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

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

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

(True Extract.)

(Signed) R. DAVIDSON,
Chief Secretary.

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

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

Two Specifications.
Four Detailed Estimates.

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

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

(True Extract.)

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

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

Exd. A. Aubert.
Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

Dated January, 14th.

Read. *Encl.*

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

JANUARY.
Nos. 69-70.

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

Superintending Engineer's Office,
4th Circle,
Camp Cotacamund 22nd May 1883.
Despd 25 — do —.

No. 217

From

The Superintending Engineer,
Fourth Circle.

To

The Chief Engineer,
P.W. Department.

Sir,

Enclosures. 3.
1 Site plan
1 Abstract Estimate
1 Specification.

With reference to G.O. No. 3040 W, of 16th November last, I have the honor to submit for sanction, an Abstract Estimate, amounting to Rs. 1870 for constructing a Sub-Registrar's Office at Namkal in Salem Division, duly approved and countersigned by the Inspector General of Registration.

2. The Estimate has been prepared as per printed Estimate appertaining to the Standard design (sheet No. 21*) with terraced roof, according to the wishes of the Registrar General, as that style of roof is more suitable to the climate ~~to the climate~~ of that District, as well as for securing the valuable records from thieves and fire, than any other.

* approved in G.O. No. 120 W of 14-182

3. The

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3. The building in question is proposed to be built in the compound of the Talug Cutcherry at the south end of the Ryots' shed as per inclosed site plan which has been approved of by the Collector.

I have the honor to be,
Sir,
Your most obedt. Servant.

C. Beatty Colonel, R.E.,
Supg. Engineer, 4th Circle.

A a 120 W 15 1 R
Ano 3040 W 3 B A R

P.W.C.No. 4428

From,

The Supg. Engineer
4th Circle

Dated 22
Aa 28 } May 1883.

No. 217.

Enclosures 3. (12 Cm)

Sub Registrars Office
at Namkab - Submits
for sanction an abstract
Estimate amounting to
Rs 1870 for Constructing
a -

B 1 4-6
or 5 1/6 Rds 6/6

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Public Works Department, 1883-84.

Current No. 4428
Letter No. 217
Dated the 22nd May 83
From the Supg Engr. 4th Circle

159 159

Note of Remarks.

1. Enclosed is the abstract of an estimate for the construction of a Sub. Regr. office at Namkal and it amounts to Rs. 1870.
2. Since the building is to be erected on 'hard soil' the dimensions of foundations are less than those observed in the standard estimate and concrete has not at all been provided
3. With the above exception all other items accord with those of the standard
4. The abstract has been countersigned by the Inspr. Genl. of Registration

29th May 83
B.S.N.

B/

Re 1591 4

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

1591/20

Under date the 6th June 15

Read the following

Letter from S.P. Trustee Ry. No. 213 of 22nd May 1883

---

the estimate amounting to Rs 1870 for Construction of Sub Registrar's Office at Nannikal, with Godown thereon, for accommodation of records now available.

This sanction has been registered as General Abstract No 46 of 1883-84 and charged to Civil and Charitable Buildings - Imperial Works Buildings.

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The Supdt Engr Tanjore Circle
" Executive P.W. Section
" Inspector General of Hospitals
" Medical Store Keeper.

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Registered

Govt. of (1883) R.

PUBLIC WORKS.

Dated 8/6

Rcvd. Encl.

G.O., 6th June 1883, No. 1591W

Nos.

Sub Registrar's Office at Mankal

Rob. for constructing a in the Salem Division sanctioned

60/-

Entered in Record Register