(1) Number of pages 38

(2) Date of repair 17-12-87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W DEPARTMENT

G.O. No. 1493 W
B.P. No.

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Mis.

Dated 12-Jun-1886 19 .

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1493
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel H. M. VIBART, R.E., Superintending Engineer, III Circle, to the Inspector-General of Registration, dated Rámandrug, 24th May 1886, No. 331:—

With reference to your letter, No. 1828, dated 13th May 1886, I have the honor to return the estimate for the registrar's office at Cuddapah, with provision duly made for four weather-boards.

Endorsement on the above.

T. No. 2202.

Resubmitted for the sanction of the Government, with advertence to G.O., Mis. No. 1153, Judicial, dated 4th May 1886.

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

OOTACAMUND,
29th May 1886.

No. 888 C., Judicial.

Approved, and transferred to the Public Works Department.

(By Order.)
(Signed) A. G. CARDEW,
Acting Assistant Secretary.

OOTACAMUND,
2nd June 1886.

ORDER—dated 12th June 1886, No. 1493 W., Public Works.

The estimate, amounting to Rs. 5,192, for constructing a registrar's office at Cuddapah, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial, No. 46 W. of 1886-87, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, III Circle, with four enclosures.
" Examiner, Public Works Accounts, with the duplicate abstract estimate.
" Judicial Department.
" Newspapers.
Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1886] Madras.

PUBLIC WORKS.

Dated June, 12th.

Read.

Encl.

G.O., 12th June 1886, No. 1493 W.

JUNE.

Registrar's Office

Estimate of Rs. 5,192 for constructing a — at Cuddapah, sanctioned.

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 11½	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
						29
Deduct stone in steps and under posts as per details	...	...	...	...		599
Cubic feet ...	...	...	...	...		

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—						
Doors						2,402
Windows	2	4 0	1 6	8 0	96	
Archwork as per details	9	3 6	1 6	5 0	236	
		...	...	...	45	
Cubic feet						377
Archwork.						2,025
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		
Small joists under coping at sides	32	2 7½	0 3	0 6	} 39	
Do. do. at angles	4	3 6	0 3	0 6		
Waling pieces	2	28 0	0 3	0 6		
Do.	2	29 6	0 2	0 6	} 10	
Verandah posts	4	0 5	0 2	0 6		
Do. breastsummers	3	2 1½	0 5	7 4½	5	
Do. brackets	6	1 1	0 5	0 7½	7	
Do. rafters	19	8 0	0 3	1 1	2	
Do. wall-plate	1	27 0	0 2½	0 3½	9	
Do. eave board		27 0	0 3	0 5	3	
			0 4	0 2	1	
Cubic feet					117	
Wrought-iron Work.						
¾" diameter bolts to secure wall-plates	6	1 9 =	10 6	× 1·47	15·43	
⅜" hex. nuts and bolt heads for do.	6	...	...	× ·43	2·58	
3" × 3" × ½" 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.

1495/3

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 ½" square iron bars for Record-room.	5	3 6	...	5 0	88	Sq. feet.
		30 0	...	28 6	855	Do.
Terrace roofing					...	8·55
Squares		...	...	...	216	Sq. feet.
		27 0	...	8 0		2·16
Slope terracing for verandah					...	
Squares		...	...	...		
Flooring with 8-inch square bricks over a levelling course.						
		24 0	...	12 0	288	
Clerks and Registrar's room		24 0	...	9 0	216	
Record-room		27 9	...	6 6	180	
Verandah	2	4 0	...	1 6	12	
Door pieces					696	
	4	1 6	...	1 6	9	
Deduct stones under posts					687	
Square feet		...	...	...	...	6·87
Squares		...	...	...		
Plastering with two coats.						
		72 0	...	12 0	864	
Interior—		66 0	...	12 0	792	
Clerks and Registrar's room						
Record-room		120 3	...	2 4½	286	
Exterior—		105 0	...	12 0	1,260	
Basement all round		101 0	...	5 0	505	
Superstructure		25 0	...	3 0	75	
Parapet		20 0	...	1 6	60	
Binding wall	2	17 0	...	1 6	102	
Door jambs	4	13 6	...	1 6	101	4,045
Window jambs	5					
Do.						
Deductions.						
				8 0	128	
2 ×	2	4 0	...	5 0	315	443
Doorways 2 ×	9	3 6	...			
Windows						3,602
Square feet		...	...	...	...	36·02
Squares		...	...			
Plaster cornice exterior.					114	
		...	...	...	12	
Ends of terrace... Lineal feet.		...	...	...		
Wooden railing for Clerks' room... L. ft.						
Painting doors, windows and exposed woodwork with three coats of Carson's paint.					192	
		64 0	...	...	210	
Venetian and panel-doors	3	70 0	...	...		
Do. windows	3					

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	...	1 2	134	
Brackets	4	1 8	...	7 4½	49	
Eaves board	6	1 0	...	1 0	6	
	...	27 0	...	0 8	18	
Square feet ...	...	...	...	...	785	
Squares ...	...	...	...	...	...	7·85
Wood-oiling three coats.						
Railing	2	12 0	...	3 0	72	
Joists	17	15 6	...	1 6	395	
Do.	17	12 6	...	1 3	266	
Do.	32	2 7½	...	1 2	114	
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 ...	...	...	...	...	1,039	
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. foot.	...
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	...	,,	...
6·87 ,,	Flooring with 8-inch square bricks.	...	Square.	...
36·02 ,,	Plastering with two coats... ...	...	,,	...
114 L. feet.	Plaster cornice exterior	...	,,	...
12 ,,	Wooden railing	...	,,	...
7·85 Squares.	Painting doors and windows and other exposed woodwork with three coats of Carson's oak color.	...	L. foot.	...
			,,	...
			Square.	...

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Per.	Amount.
		Rs. A. P.		Rs. A. P.
0·30 Squares.	Wood-oiling roof timbers, &c., with three coats.	...	Square.	...
	Contingencies at 5 per cent. ...	...	...	...
	Total ...	...	...	...

MADRAS,
20th December 1881.

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

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

Detailed Quantities.

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

1493/5

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	59	
Binding wall		31 0	1 6	0 9	35	
						4,039
Deductions—						
Doors	2	4 0	1 6	8 0	96	
Windows	13	3 6	1 6	5 0	341	
Ventilators	7	3 6	1 6	2 3	83	
Archwork as per details					59	
						579
Cubic feet						3,460
Archwork.						
Segmental arches over doors	2	5 3	1 6	1 0	59	C. feet.
Do. windows	6	4 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps		45 0	1 3	0 6	28	
Slabs under beams	2	3 0	2 0	0 4	4	
Do.	4	2 0	2 0	0 4	5	
Cubic feet					42	
Teakwood.						
Beams	4	22 3	0 10	1 5	105	
Joists	56	12 3	0 3	0 6		
Do.	28	10 9	0 3	0 6	139	
Do. small under coping	42	2 7½	0 3	0 6		
Do. angle do.	4	3 6	0 3	0 6		
Waling pieces	2	35 3	0 2	0 6	14	
Do.	2	47 0	0 6	7 4½	7	
Verandah posts	4	0 6	0 6	0 9	12	
Do. breastsummers	3	11 0	0 6	1 1	2	
Do. brackets	6	1 1	0 3	0 4	19	
Do. rafters	23	9 9	0 3	0 5	4	
Do. wall-plate		33 0	0 3½	0 6	1	
Do. eave board		33 0	0 ¼			
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" ¼" washers	6	...	...	×·31	1·86	
lb					19·87	
Say lb.						20

Detailed Quantities.—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		Ft. In.	Ft. In.	Ft. In.		
Venetian and panel doors with frames ...	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Do.
Windows with glazed shutters and frames and ½" square iron bars for Record-room.	7	3 6	...	5 9	129	Do.
Glazed ventilators	7	3 6	...	2 3	55	Do.
Terrace roofing	...	38 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	...	46 0	...	30 0	1,200	
Verandah	...	33 9	...	8 0	270	
Door pieces	2	4 0	...	1 6	12	
					1,482	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet ...	...	...	...	...	1,473	
Squares ...	...	...	...	...	...	14·73
Plastering with two coats.						
Interior						
Rooms	...	...	...	...	...	
Exterior						
Basement all round	2	166 0	...	14 0	2,800	
Superstructure	...	173 3	...	2 4½	411	
Parapet	...	155 9	...	14 0	2,170	
Binding wall	...	151 0	...	5 0	755	
Door jambs	2	31 6	...	3 0	93	
Window do.	6	30 0	...	1 6	60	
Do. do.	7	12 0	...	1 6	153	
Ventilator do.	7	13 6	...	1 6	143	
	7	8 0	...	1 6	84	
Deductions—						
Doorways	2 × 2					6,668
Windows	2 × 13	1 0	...	8 0	156	
Ventilators	2 × 7	3 6	...	5 0	455	
				2 3	119	
						695
Square feet ...	...	...	...	...	...	5,973
Squares ...	...	...	...	...	...	59·73
Plaster cornice at ends of terrace ... lin. feet.	...	...	...	...	...	
Wooden railing for Clerk's right ... lin. feet.	...	...	...	...	166	
	...	...	...	...	20	

1693

Detailed Quantities.—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		Ft. In.	Ft. In.	Ft. In.		
Painting doors, windows and exposed woodwork with three coats of Carson's oak paint.						
Venetian and panel doors	3	64 0	...	...	192	
Do. windows	3	105 0	...	...	315	
Glazed windows with iron bars ...	2	123 0	...	...	246	
Do. ventilators	1	55 0	...	...	55	
Waling pieces	...	164 6	...	1 2	192	
Verandah posts	4	2 0	...	7 4½	59	
Do. brackets.	6	1 0	...	1 0	6	
Eave Board	0	33 0	...	1 0	33	
Square feet ...	...	...	...	...	1,098	
Squares ...	...	...	...	...	...	10·98
Wood-oiling, three coats.						
Railing	2	20 0	...	3 0	120	
Beams	4	23 0	...	3 8	337	
Joists	56	12 3	...	1 3	1,234	
Do.	28	10 9	...	1 3		
Do.	42	2 7½	...	1 2	145	
Do.	4	3 6	...	1 2		
Do.	3	11 0	...	2 0	66	
Do.	23	9 9	...	0 11	206	
Breastsummers	...	33 0	...	1 1½	37	
Rafters						
Wall-plate					2,145	
Square feet ...	...	...	...	...	21·45	
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 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	...	Square.	...
17·10 Squares.	Terrace roofing	...	"	...
3·22 " ...	Slope terrace	...	"	...
14·73 " ...	Flooring with 8-inch square bricks ...	...	"	...
59·75 " ...	Plastering with two coats	...	L. foot.	...
166 Lin feet.	Plaster cornice, exterior	...	"	...
20 " ...	Wooden railing	...		...

ABSTRACT—*cont.*

Quantity.	Item.	Rate.	Amount.
		Rs. A. P.	Rs. A. P.
1098 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,
16th December 1881.

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

1493
11

DEPARTMENT PUBLIC WORKS.

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

Specification of works to be performed in executing the Standard Designs for Registrar's and Sub-Registrar's Offices according to Drawings, Sheets Nos. 19 *and* 21, *signed by the Officiating Consulting Architect on* 16*th September* 1881.

Excavator.

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

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

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

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

Bricklayer.

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

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

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

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

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

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

Bond.—The bond should be English if possible.

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

Stone Mason.

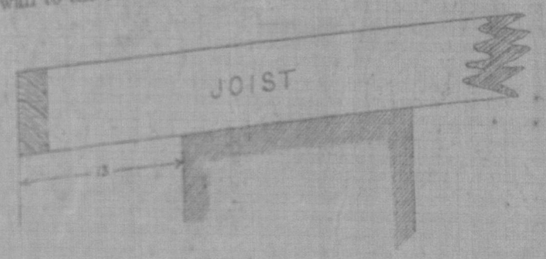
Provide and dress two lines No. 4 stones 1′ 6″×1′ 6″×6″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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

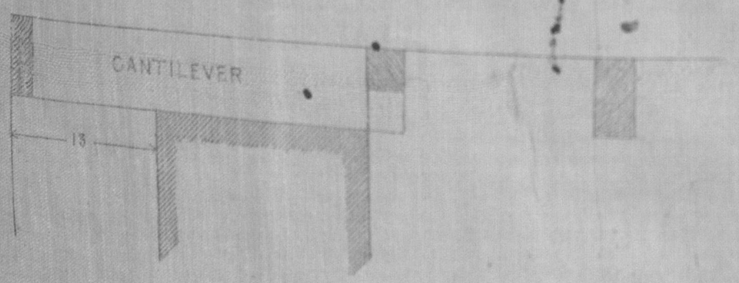
Carpenter.

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

Halve the joists into the beam to the extent of half an inch. The longitudinal joists will project over the wall to the extent of about 13 inches including the waling piece.



small cantilevers will be arranged along the longitudinal walls halved under the joists nearest the wall thus—



Support all joists and beams during the execution of the terrace and slightly ease the wedges as the work progresses, allow the supports to remain for three weeks after the completion of the terrace.

TERRACE.

Lay over ordinary terrace brick in mortar and finish off in the particular method employed in the district, taking care to make proper slopes for drainage.

FLOORING.

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

PLASTERER.

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

MATERIALS.

The bricks will be cast in a mould ——— inches × ——— inches × ——— inches well burnt and free from defects.
The timber will be well seasoned and free from defects.
The lime will be collected at ——— properly burnt and slaked.
The sand will be collected at ———.

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

1493
8

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		
Partition		24 0	1 6	12 0	2,214	
Gables	3	27 0	1 6	12 0		
Over gable ends	2	33 0	1 6	4 6	547	
Corbels	12	1 0	0 6	0 9	74	
Band over verandah roof	1	27 0	0 3	0 9	9	
					5	
Deductions.						2,849
Doorways						
Windows	2	4 0	1 6	8 0	96	
Gable ventilators	8	3 6	1 6	5 0	210	
Archwork as per details	8	1 3	1 3	1 6	19	
	...	...	...	...	94	
						419
Cubic feet ...	...	...	...	...	...	2,430
Archwork.						
Segmental arches over doors ...	2	5 3	1 6	1 0		
Do. windows	6	4 9	1 6	1 0	94	C. feet.
Semi-circle arch for gable ventilator	2	11 9	1 6	1 0		
Cut-stone work.						
Under posts	4	1 6	1 6	0 6	5	
Steps	3	39 0	1 6	0 6	24	
Slabs under beams	6	2 0	1 6	0 4	6	
Do.	...	2 0	2 0	0 4	8	
Cubic feet ...	...	...	...	...	43	
Tentwork.						
Clerks' room purlins and ridge ...	5	14 0	0 5	0 9	23	
Record-room do.	3	11 9	0 6	0 9		
Wall-plates	2	25 6	0 6	0 9	3	
Rafters	36	19 0	0 3	0 3	57	
Struts	72	2 6	0 3	0 4	6	
Uprights (double)	2	3 2	0 3	0 3	8	
Eaves board	4	27 0	0 3½	0 1½	1	
Verandah posts	3	6 6	0 5	0 5	4	
Do. breastsummers	6	9 1½	0 5	0 5	7	
Do. brackets	19	1 1	0 3	0 7½	2	
Do. rafters	1	9 1½	0 3	1 1	14	
Do. wall-plates	1	27 0	0 3	0 4	3	
Do. eave board		27 0	0 3	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" × ¼" washers for do. ...	6	...	... ×	·31 =	1·86	
lb. ...	...	...	...	...	19·87	
Say lb. ...	...	...	...	...	...	20

1493/9

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	
					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	...	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	
Gables	4	24 0	...	4 6	432	
Exterior—						
Basement all round	...	120 3	...	2 4½	286	
Superstructure	2	27 0	...	12 0	1,260	
Gables	2	33 0	...	5 2	279	
Wall over do.	2	20 0	...	3 0	198	
Door jambs	4	17 0	...	1 6	60	
Window do.	4	13 6	...	1 6	102	
Do. do.					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	...	...	90	
Uprights	72	3 0	...	1 0	153	
Eaves boards	2	27 0	...	0 8½	41	
Verandah posts	4	6 6	...	0 9	43	
Do. brackets	6	1 0	...	1 8	6	
Do. eave board	...	27 0	...	1 9	20	
Square feet ...	...	...	...	0 9	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 6	...	0 11	627	
Breastsummers	19	27 0	...	1 8	45	
Rafters	...	0 11½	...	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	...		...
1,056 ,,	Earth-filling in basement ...	...		...
537 ,,	Concrete	...	1,000 C. feet.	...
1,135 ,,	Brickwork in foundations	...	,,	...
599 ,,	Do. in basement ...	...	100 C. feet.	...
2,430 ,,	Do. in superstructure	...	,,	...
94 ,,	Archwork	...	,,	...
43 ,,	Cut-stone work	...	,,	...
123 ,,	Teakwood wrought and put up	...	,,	...
20 lb.	Wrought-iron work ...	...	,,	...
64 Sq. feet.	Venetian and panel doors with frames	...	C. feet.	...
70 ,,	Venetian windows with frames	...	,,	...
70 ,,	Glazed windows with frames and iron bars for record-room	...	lb.	...
12½ ,,	Glazed ventilators in gables	...	Sq. foot.	...
12·89 Squares.	Tiled roofing with flat and pan tiles including teak reepers ...	...	,,	...
		...	,,	...
		...	Square.	...

1493
10

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		46 7	1 10	1 6	79	
Verandah walls			1 6	1 6	105	
Above footing to ground level—						
Outer wall		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah wall		47 0	1 0	2 0	94	
Cubic feet ...		...	...	...	1,633	
Brickwork in Basement						
Outer walls		149 0	2 3	2 0	671	
Partition		29 3	1 6	2 0	88	
Verandah walls		47 0	1 0	2 0	94	
Steps		15 0	3 0	0 6	23	
Do.		13 0	2 0	0 6	13	
Do.		11 0	1 0	0 6	6	
Deduct stone in steps and under posts as per details.					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	47	
Cubic feet ...	...	...	...	...		
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	6	11 0	0 6	0 9	12	
Do. brackets	23	1 1	0 3	1 1	2	
Do. rafters	1	10 9	0 3	0 5	26	
Do. wall-plate	1	33 0	0 3½	0 5	4	
Do. eave board			0 ¾	0 6	1	
Cubic feet					342	
Wrought iron work.						
Cubic feet	6	1 9	=10 6	× 1·47	=15·43	
¾" diameter bolts to secure verandah wall-plate. ...	6	...	...	× ·43	= 2·58	
¾" hex. nuts and heads ...	6	...	...	× ·31	= 1·86	
3" × 3" × ¼" washers for heads ...					19·87	
lb.	...	...	...	...	...	20
Say lb.	...	...	...	...		

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames ...	2	... 0	...	8 0	64	Sq. feet.
Venetian windows with frames	6	3 6	...	5 0	105	Sq. feet.
Windows with glazed shutters and frames and ½" square iron bars.						
For record-room	6	3 6	...	5 0	105	Sq. feet.
Glazed ventilators with frames.						
At sides	4					
At gables	8	3 6	...	2 3	31½	
		1 3	...	1 3	12¼	
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	2	33 9	...	8 0	270	
Door pieces		4 0	...	1 6	12	
Deduct stones under posts	4	1 6	...	1 6	1,482	
Square feet		...	...	...	9	
Squares		...	...	...	1,473	
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	2	155 0	...	14 0	2,170	
Gables	4	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	2	8 0	...	1 6	48	
Deductions—						
Doorways	2 × 2	4 0				
Windows	2 × 12	3 6	...	8 0	128	
Ventilators	4	3 6	...	5 6	462	
			...	2 3	63	
Square feet		...	...	...	653	
Squares		...	...	...	6,354	
		...	...	...	63·54	

1693/12

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 8⅓	269	
Eaves board	2	45 9	...	0 10⅓	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.
	Excavation for foundation	...	1,000 C. feet.	...
4,213 C. feet.	Earth-filling in basement	...	100 „	...
2,363 „	Concrete	...	„	...
756 „	Brickwork in foundations	...	„	...
1,633 „	Do. in basement	...	„	...
862 „	Do. in superstructure	...	C. foot.	...
4,078 „	Archwork	...	„	...
108 „	Cut-stone work	...	lb.	...
47 „	Teakwood wrought and put up ...	...	Square foot.	...
342 „	Wrought-ion work	...	„	...
20 lbs.	Venetian and panel doors with frames.	...	„	...
64 S. feet.	Venetian windows with frames ...	...	„	...
105 „	Glazed windows with frames and iron bars for record room	...	„	...
105 „	Glazed ventilators	...	„	...
44 „				

ABSTRACT.—*cont.*

Quantity.		Item.	Rate.			Per	Amount.		
			RS.	A.	P.		RS.	A.	P.
24·60	Squares.	Tiled roofing with flat and pa[illegible]s including teak reepers ...		...		Square.		...	
14·73	"	Flooring with 8-inch squ[illegible] ...		...		"		...	
63·54	"	Plastering with two coats		...		"		...	
20	L. feet.	Wooden railing		...		L. foot.		...	
13·34	Squares.	Painting with three coats of Carson's paint		...		Square.		...	
33·66	"	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 ex[illegible] the Standard Designs for Registrar's and Sub-Registrar's Offices, according to Drawing [illegible] 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 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.

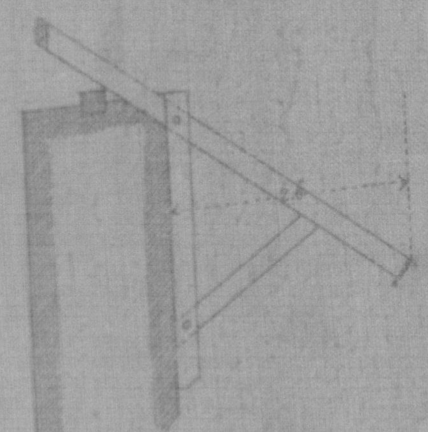
Provide and dress two lines No. 4 stones 1′ 6″ × 1′ 6″ × 6′ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

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.

PLASTERING.

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.

1493
13

14TH JANUARY 1882, No. 120 W., PUBLIC WORKS.

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

1493
14

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras.
PUBLIC WORKS.

Dated January, 14th.

Recd. *Encl.*

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

JANUARY.
Nos. 69-70.

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

Superintending Engineer's Office,
3RD CIRCLE

No. 331 Ramandrug ~~Bellary~~ 24 May 1886.

1493/15

FROM, Col. H. M. Vibart R.E.
~~THE~~ SUPERINTENDING ENGINEER,
IIIRD CIRCLE.

TO,
THE Inspector General
of Registration
Madras.

SIR,

With reference to your letter No. 1828 dated 13th May 1886, I have the honor to return the Estimate for the Registrars Office at Cuddapah with provision duly made for 4 weather Boards.

Enclosures. 3
1 Detailed Estimate
2 abstract do

I have the honor to be
Sir
Your most Obedient Servant
H. M. Vibart Col R.E.
Superintending Engineer 3rd Circle

R. No. 2242. 29th May 1886

Re-submitted for the sanction of the Government with reference to G.O. [illegible] No. 1153 [illegible] recommended

May 1886. [illegible]
Inspr. Genl. of Regn.

To the Chief Secretary to Government

R. 2-6-86

Regn 1886 Dept
(Office accommodation)

From,
The Superintending Engineer,
IIIrd Circle.

To,
The
Inspr General
Registration

No. 331

Dated 26 } May 188 6.
Received 27 }

Enclosures.

R No. 4424

No.

Returning the Estimate for constructing a R.G. at Cuddapah with provision for weather boards

1493
16

p. 1153 – 4 – 8 – 86
P. 1466 – 4 – 6 – 83

CURRENT NO. 1956

Judicial (1886) Department

"Registration"

P.W. 4255

No. 888C

From
The Inspector General
of Registration
Madras

Dated 2nd June/86

Approved and transferred to the Public Works Department.

By order.

Ag. Asst. Secy.
6. 86.

To
The Chief Secretary
to the Government
Ootacamund

Dated 24th } May 1886
Received 30 }

Ins. 2202.

Enclosures – 3
No.

Re-submitting for sanction the estimate for constructing a Registrar's Office at Cuddapah with provision for weather boards.

O.Y.S. 3/6 a. 18. 6. 86 R.M.A.M.

Public Works Depar[tment]

Current No. 4255

Letter No. 888C

Dated the 2nd June 1886

From the Judicial Deptt.

Note of Remarks.

1) The accompanying estimate amounting to Rs. 5792 is for "Constructing a Registrar's office at Cuddapah"

2) It is evident from the letter of S.E. III No. 331 24th May 1886 that this is the second estimate sent for the work. The former estimate made no provision for weather boards, accordingly it was returned by the Inspector Genl. of Registration for the needful provision. The estimate is complete in as much as it contains all that is required by the Inspector General.

3) The design of building is in accordance to the Standard design Sheet No. 19 accompanyment to G.O. No. 120 W. of 16.1.82

1493
17

The design is in accordance with standard design & is recommended for sanction.
Owing to the want of a schedule of rates from III Circle, the rates entered in abstract cannot be checked.

5/6/86

Red 7.6.86

1493W

Forward.

Enquiries are being made as to why there is no schedule in this office

report accompanying estimate states that the building is proposed to be erected in the Southern Corner of the Collector's Cutcherry Compound.
The present office is held in a rented building.
A separate building for the use of Dist. Registrar's Office was sanctioned in G. O. No 1465 Judicial of 4th June 1883.

(5) Comparing the Dist. Estimate with the standard I find in the item of teak wood an excess of 5 c.ft. in the Dist Estimate over the Standard. It is evident from details that this excess is due to teak reepers being taken with the item "Teak wood wrought & put up" instead of being included in item of 3" Ope terrace for verandah as is usually done.
The abstract estimate is countersigned by the S.E. III and the Inspector General of Registration.
The rates cannot be checked as there is no Schedule from III Circle.

5/6/86

No. 1493

1493/18

1493/18

PUBLIC WORKS DEPARTMENT

PROCEEDINGS OF THE MADRAS GOVERNMENT.

12th June 1886

READ the following

From the Inspector General of Registration. H. E. No: 2202 d/29th May 1886.
Endorsement by the Judicial Department. H. E. No: 188 C d/2nd June 1886.

The estimate amounting to Rs. 5,192, for constructing a Registrar's office at Cuddapah, is sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No: 46 W of 1886-87, and classified as Civil Buildings, Original Works.

8/6/86

DC 19/6/86

10-6-86

To The Supdg. Engr. III Circle with 4 enclos. ✓
" Examiner of P. W. Accts with the duplicate abstract estimate ✓
" Judicial Department ✓
" Newspapers

8/6

A no 120 wa/16.1.82

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19

J - O.O.
12.6.86
15 W
Tub

TO BE COMMUNICATED
TO NEWSPAPERS

0
8/6 Def. 57/16.

4256

Govt. of Madras 1886

PUBLIC WORKS.

Dated 14/6/86

Recd

Encl

G.O. 12th June 1886, No. 1493 W.

Registrar's office

Estimate of Rs. 5,192 for constructing a [illegible] at Cuddapah, [illegible]

7.0
—
4

[illegible] 14/6

[illegible] 14/6