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(2) Date of repair 25.6.57 ✓
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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W

DEPARTMENT

G.O. No.	1657	Press.
B.P. No.		Mis.
Dated	13. 6. 1883	198

Not to be folded or roughly handled.

A.H

1657
13TH JUNE 1883, No. 1657 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper:—

No. 223 E.W.

Report to accompany the Abstract Estimate of Rs. 2,037 for constructing a Sub-Registrar's Office at Razipur, in the District of Salem.

The estimate for this work was called for in G.O., No. 843 W., dated 14th March 1883. It has been prepared in accordance with the standard design* and estimate (terraced roof), with the exception of the foundation, which has been made one foot less in depth than is allowed in the standard design, the concrete being omitted as the soil is gravelly.

1 Estimate.
1 Plan.
1 Site Plan.

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

2. The necessity for the building is explained by the Inspector-General of Registration in his Notes of Inspection printed in the Government Order quoted above.

3. The building is to be erected on the site selected at the north side of the Deputy Tahsildar's Cutcherry. On this site there is an old tiled-shed which was formerly occupied by the Public Works Overseers, but is now in a ruined state. The position of the new building is shown in red on the site plan.

4. A compound wall is also provided on the west and north sides for a length of 160 feet. The site selected for the building being Government land, no compensation is required.

5. The site-plan and estimate have been approved and countersigned by the Inspector-General of Registration. If the estimate be sanctioned and funds allotted at an early date, the work may be carried out within the current official year.

OOTACAMUND,
3rd June 1883.

(Signed) J. BEATTY, Colonel, R.E.,
Superintending Engineer, Fourth Circle.

To the Chief Engineer, Public Works Department.

ORDER—dated 13th June 1883, No. 1657 W., Public Works.

The plan and estimate, amounting to Rs. 2,037, for constructing a Sub-Registrar's Office at Razipur, in the Salem District, are sanctioned for execution when funds are available.

2. This sanction has been registered as Provincial No. 52 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.
„ Judicial Department.
„ Inspector-General of Registration.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of 1883 Madras.
PUBLIC WORKS.

13th June, 1883.

O., 13th June 1883, No. 1657 W

JUNE.

Sub-Registrar's Office

Plan and estimate of Rs. 2,037 for constructing a — at Razipur, in the Salem District, 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.		
<i>Excavation for Foundations.</i>						
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	
<i>Earth-filling in Basement.</i>						
Rooms	...	24 0	21 0	1 6	756	
Platform	...	12 0	8 6	1 0	102	
Verandah	...	25 9	5 1 1/2	1 6	198	
Cubic feet	...	...	...	...	1,056	
<i>Concrete.</i>						
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	
<i>Brickwork in Foundations.</i>						
Footing course—	...	99 0	2 8	1 6	396	
Outer walls	...	22 10	1 10	1 6	63	
Partition	...	37 7	1 6	1 6	85	
Verandah wall	...	...	...	...	...	
Above footing to ground level—	...	99 0	2 3	2 0	445	
Outer wall	...	23 3	1 6	2 0	70	
Partition	...	38 0	1 0	2 0	76	
Verandah wall	...	...	...	...	...	
Cubic feet	...	...	...	...	1,135	
<i>Brickwork in Basement.</i>						
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	
Cubic feet	...	...	...	...	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.		
Painting doors, windows and exposed woodwork with three coats of Carson's paint—cont.						
Glazed windows with iron bars	2	88 0	...	...	176	
Waling pieces	...	115 0	...	1 2	134	
Verandah posts	4	1 8	...	7 4 1/2	49	
Brackets	6	1 0	...	1 0	6	
Eaves board	...	27 0	...	0 8	18	
Square feet	...	...	...	...	785	
Squares	...	...	...	...	...	7.85
Wood-oiling three coats.						
Railing	2	12 0	...	3 0	72	
Joists	17	15 6	...	1 6	395	
Do.	17	12 6	...	1 3	266	
Do.	32	2 7 1/2	...	1 2	114	
Do.	4	3 6	...	1 2	45	
Breastsummers	...	27 0	...	1 8	120	
Rafters	19	8 0	...	0 9 1/2	18	
Wall-plate	...	27 0	...	0 8	...	
Square feet	...	...	...	...	1,030	
Squares	...	...	...	...	...	10.30

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.
		RS. A. P.		RS. A. P.
2,954 C. feet.	Excavation for foundations	...	1,000 C. feet.	...
1,056 "	Earth-filling in basement	...	100 "	...
537 "	Concrete	...	"	...
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.	...	S. foot.	...
70 "	Venetian windows with frames	...	"	...
88 "	Glazed windows with frames and iron bars for Record-room.	...	"	...
8.55 Squares.	Terrace roofing	...	Square.	...
2.16 "	Slope terracing	...	"	...
6.87 "	Flooring with 8-inch square bricks.	...	"	...
36.02 "	Plastering with two coats...	...	"	...
114 L. feet.	Plaster cornice exterior	...	L. foot.	...
12 "	Wooden railing	...	"	...
7.85 Squares.	Painting doors and windows and other exposed woodwork with three coats of Carson's oak color.	...	Square.	...

ABSTRACT—cont.

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

MADRAS,
20th December 1881.

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

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

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Excavation for Foundations.</i>						
		FT. IN.	FT. IN.	FT. IN.		
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	
<i>Earth-filling in Basement.</i>						
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	
<i>Concrete—</i>						
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	
<i>Brickwork in Foundations.</i>						
Footings 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	
<i>Brickwork in Basement.</i>						
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	
					995	
Deduct stone in steps and under posts as per details.	...	...	...	...	33	
Cubic feet	...	...	...	...	862	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.	
<i>Brickwork in Superstructure.</i>							
		FT. IN.	FT. IN.	FT. IN.			
Outer walls	...	149 0	1 6	14 0	3,759		
Partition	...	30 0	1 6	14 0			
Corbels	8	1 0	0 6	1 6			6
Parapet	...	151 0	1 0	0 6			76
Do.	...	150 0	0 9	1 0	113		
Do.	...	151 0	1 0	0 4	50		
Binding wall	...	31 0	1 6	0 9	35		
Deductions—						4,039	
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	
<i>Archwork.</i>							
Segmental arches over doors	2	5 3	1 6	1 0	59	C. feet.	
Do. windows	6	4 9	1 6	1 0			
<i>Cut-stone work.</i>							
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		
<i>Teakwood.</i>							
Beams	4	22 3	0 10	1 5	105		
Joists	56	12 3	0 3	0 6	139		
Do.	28	10 9	0 3	0 6			
Do. small under coping	42	2 7½	0 3	0 6			
Do. angle do.	4	3 6	0 3	0 6	14		
Waling pieces	2	35 3	0 2	0 6			
Do.	2	47 0	0 2	0 6			
Verandah posts	4	0 6	0 6	7 4½	7		
Do. breastsummers	3	11 0	0 6	0 9	12		
Do. brackets	6	1 1	0 3	1 1	2		
Do. rafters	23	9 9	0 3	0 4	19		
Do. wall-plate	...	33 0	0 3½	0 5	4		
Do. eave board	...	33 0	0 4	0 6	1		
Cubic feet	...	...	...	...	303		
<i>Wrought-iron work.</i>							
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" ⅞ washers	6	...	...	× .31	1.86		
lb	...	...	...	...	19.87		
Say lb.	...	...	...	...	...	20	

8
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 ...	2	100 0	...	14 0	2,800	
Rooms ...	...	...	...	...	...	
Exterior ...	...	173 3	...	2 4 $\frac{1}{2}$	411	
Basement all round ...	...	155 0	...	14 0	2,170	
Superstructure ...	...	151 0	...	5 0	755	
Parapet ...	...	31 0	...	3 0	93	
Binding wall ...	2	20 0	...	1 6	60	
Door jambs ...	6	17 0	...	1 6	153	
Window do. ...	7	13 6	...	1 6	142	
Do. do. ...	7	8 0	...	1 6	84	
Ventilator do. ...	...	...	...	...	...	
Deductions—						6,668
Doorways ... 2 x	2	4 0	...	8 0	128	
Windows ... 2 x	13	3 6	...	5 0	455	
Ventilators ... 2 x	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	

9
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 4 $\frac{1}{2}$	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 7 $\frac{1}{2}$	...	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 1 $\frac{1}{2}$	37	
Square feet ...	...	...	...	...	2,145	
Squares ...	...	...	...	...	21-45	

ABSTRACT.

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

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

MADRAS,
20th December 1881.

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

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.

Ships 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 herein-after 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.

Archings.—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.

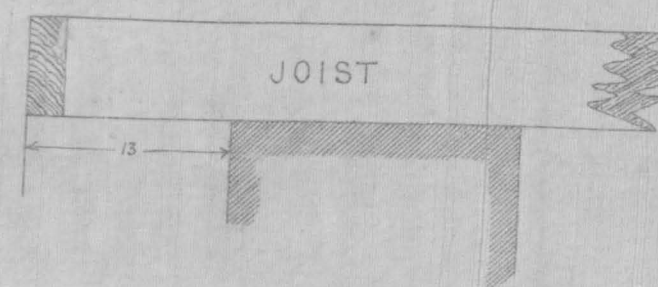
Provide and dress two lines No. 4 stones 1' 6" x 1' 6" x 6" with mortice holes 2" square and 2" deep to receive the verandah posts.

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

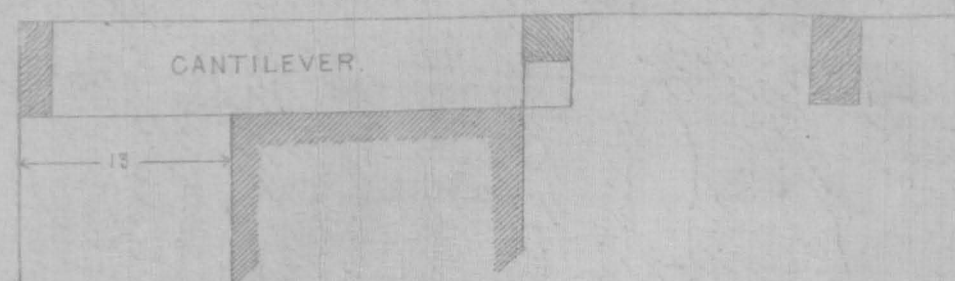
CARPENTER.

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

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



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



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

TERRACE.

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

FLOORING.

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

PLASTERER.

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

MATERIALS.

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

The timber will be well seasoned and free from defects.

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

The sand will be collected at —

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

ESTIMATE of the Cost of constructing a Sub-Registrar's Office with tiled roofing according to Standard Design, Sheet No. 22, signed by the 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.		
<i>Excavation for Foundations.</i>						
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	
<i>Earth-filling in Basement.</i>						
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	
<i>Concrete.</i>						
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	
<i>Brickwork in Foundations.</i>						
Footings 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 6	2 0	76	
Cubic feet					1,135	
<i>Brickwork in Basement.</i>						
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.	
<i>Brickwork in Superstructure.</i>		FT. IN.	FT. IN.	FT. IN.			
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	
<i>Deductions.</i>							
Doorways	2	4 0	1 6	8 0	96	419	
Windows	8	3 6	1 6	5 0	210		
Gable ventilators	8	1 3	1 3	1 6	19		
Archwork as per details	...	...	...	...	94		
Cubic feet	...	...	...	...	...		2,430
<i>Archwork.</i>							
Segmental arches over doors	2	5 3	1 6	1 0	94	C. feet.	
Do. windows	6	4 9	1 6	1 0			
Semi-circle arch for gable ventilator	2	11 9	1 6	1 0			
<i>Cut-stone work.</i>							
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		
<i>Teakwood.</i>							
Clerks' room purlins and ridge	3	14 0	0 5	0 9	23		
Record-room do.	3	11 0	0 5	0 9			
Wall-plates	2	25 6	0 3	0 3	3		
Rafters	36	19 0	0 3	0 4	57		
Struts	36	2 6	0 3	0 3	6		
Uprights (double)	72	3 2	0 3 $\frac{1}{2}$	0 1 $\frac{1}{2}$	8		
Eaves board	2	27 0	0 5 $\frac{3}{4}$	0 5	1		
Verandah posts	4	6 6	0 5	0 5	4		
Do. breastsummers	3	9 1 $\frac{1}{2}$	0 5	0 7 $\frac{1}{2}$	7		
Do. brackets	6	1 1	0 3	1 1	2		
Do. rafters	19	9 1 $\frac{1}{2}$	0 3	0 4	14		
Do. wall-plates	1	27 0	0 3	0 5	3		
Do. eave board	1	27 0	0 3 $\frac{3}{4}$	0 5	1		
Cubic feet	...	...	...	...	129		
<i>Wrought-iron work.</i>							
$\frac{3}{4}$ " diameter bolts to secure verandah wall-plate	6	1 9 = 10 6	×	1 47 =	15 43		
$\frac{3}{4}$ " hex. nuts and bolt heads.	6	...	×	43 =	2 58		
$3" \times 3" \times \frac{1}{8}"$ washers for do.	6	...	×	31 =	1 86		
lb.	...	...	...	...	19 87		
Say lb.	...	...	...	...	...	20	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Venetian and panel doors with frames	2	4 0	...	8 0	64	Sq. feet.
Venetian windows with frames	4	3 6	...	5 0	70	Do.
Glazed windows with frames and $\frac{3}{4}"$ square iron bars for Record-room	4	3 6	...	5 0	70	Do.
Glazed ventilators in gables	8	1 3	...	1 3	12 $\frac{1}{2}$	Do.
<i>Tiled roofing.</i>						
Over rooms	...	26 9	...	39 0	1,043	
Do. verandah	...	27 0	...	9 1 $\frac{1}{2}$	246	
Square feet	...	...	...	...	1,289	
Squares	...	...	...	...	...	12 89
<i>Flooring with 8-inch square bricks.</i>						
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	
Deduct stones under posts	4	1 6	...	1 6	9	
Square feet	...	...	...	...	687	
Squares	...	...	...	...	...	6 87
<i>Plastering with two coats.</i>						
<i>Interior—</i>						
Clerks' and Registrar's room	...	72 0	...	12 0	864	
Record-room	...	66 0	...	12 0	792	
Gables	4	24 0	...	1 6	432	
<i>Exterior—</i>						
Basement all round	...	120 3	...	2 4 $\frac{1}{2}$	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	
<i>Deductions.</i>						
Doorways	2 × 2	4 0	...	8 0	128	
Windows	2 × 8	3 6	...	5 0	280	408
Square feet	...	...	...	...	...	3,946
Squares	...	...	...	...	...	39 46
<i>Wooden Railing.</i>						
For Clerks' room ... Lineal feet.	...	...	...	...	12	...

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
<i>Painting doors, windows and exposed woodwork with three coats of Carson's paint.</i>						
Venetian and panel doors ...	3	84 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
<i>Wood-oiling, three coats.</i>						
Railing ...	2	12 0	...	3 0	72	
Purlings and ridge ...	3	14 0	...	1 11	144	
Do. ...	3	11 0	...	1 11	627	
Rafters ...	36	19 0	...	0 11	45	
Breastsummers ...	...	27 0	...	1 8	159	
Rafters ...	19	9 1½	...	0 11	18	
Wall-plate ...	...	27 0	...	0 8	...	10-65
Square feet ...	...	...	...	...	1,065	
Squares ...	...	...	...	...	...	

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...	...	100 C. feet.	...
537 "	Concrete ...	...	"	...
1,135 "	Brickwork in foundations	...	"	...
599 "	Do. in basement	...	"	...
2,430 "	Do. in superstructure	...	"	...
94 "	Archwork ...	...	"	...
43 "	Cut-stone work ...	...	"	...
129 "	Teakwood wrought and put up ...	...	C. foot.	...
20 lb.	Wrought-iron work ...	...	"	...
64 Sq. feet.	Venetian and panel doors with frames ...	...	lb.	...
70 "	Venetian windows with frames ...	...	Sq. foot.	...
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 reapers	...	Square.	...

ABSTRACT—cont.

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

MADRAS,
20th December 1881.

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

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

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Excavation for Foundations.</i>						
		FT. IN.	FT. IN.	FT. IN.		
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	
<i>Earth-filling in Basement.</i>						
Rooms		30 0	40 0	1 6	1,800	
Platform		11 6	20 0	1 0	280	
Verandah		31 9	7 0	1 6	333	
Cubic feet					2,363	
<i>Concrete.</i>						
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	
<i>Brickwork in Foundations.</i>						
Footings—						
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	
<i>Brickwork in Basement.</i>						
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.					895	
Cubic feet					33	
<i>Brickwork in Superstructure.</i>						
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.
<i>Brickwork in Superstructure—cont.</i>						
		FT. IN.	FT. IN.	FT. IN.		
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
<i>Deductions—</i>						
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
<i>Archwork.</i>						
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	
<i>Cut-stone work.</i>						
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	
<i>Teakwood.</i>						
Purlins and ridge	6	22 3	0 9	1 2	117	
Wall plates	2	44 6	0	0 3	6	
Rafters	60	22 6	0	0 5	141	
Struts	60	2 6	0 3	0 3	9	
Uprights, double	120	3 2	0 1 1/2	0 3 1/2	14	
Eaves board	2	45 9	0	0 6	3	
Verandah posts	4	0 6	0 6	7 4 1/2	7	
Do. breastsummers	3	11 0	0 6	0 9	12	
Do. brackets	6	1 1	0 3	1 1	2	
Do. rafters	23	10 9	0 3	0 5	26	
Do. wall-plate	1	33 0	0 3 1/2	0 5	4	
Do. eave board	1	33 0	0	0 6	1	
Cubic feet					342	
<i>Wrought iron work.</i>						
3/4" diameter bolts to secure verandah wall-plate.	6	1 9	= 10 6	x 1 47	= 15 43	
3/4" hex. nuts and heads ..	6			x 43	= 2 58	
3" x 3" x 1/4" washers for heads	6			x 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 $\frac{3}{4}$ " 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	31 $\frac{1}{2}$	
At gables ...	8	1 3	...	1 3	12 $\frac{1}{2}$	
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 ...		1 6	...	1 6	9	
Square feet ...					1,473	
Squares ...						14.73
Plastering with two coats.						
Interior—						
Rooms ...	2	100 0	...	14 0	2,800	
Gables ...	4	30 0	...	5 3	630	
Exterior—						
Basement all round ...		173 3	...	2 4 $\frac{1}{2}$	411	
Superstructure ...		155 0	...	14 0	2,170	
Gables ...	2	33 0	...	5 6	363	
Wall over do. ...	2	40 0	...	3 0	240	
Door jambs ...	2	20 0	...	1 6	60	
Window do. ...	8	17 0	...	1 6	204	
Do. ...	4	13 6	...	1 6	81	
Ventilator do ...	4	8 0	...	1 6	48	
Deductions—						
Doorways ...	2 ×	2	4 0	8 0	128	
Windows ...	2 ×	12	3 6	5 6	462	
Ventilators ...	2 ×	4	3 6	2 3	63	
Square feet ...						653
Squares ...						6,354

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Wooden railing.						
For Clerks' room ...	...	...	...	...	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 8 $\frac{1}{2}$	289	
Eaves board ...	2	45 9	...	0 10 $\frac{1}{2}$	80	
Verandah posts ...	4	2 0	...	7 4 $\frac{1}{2}$	59	
Brackets ...	6	1 0	...	1 0	6	
Eave board ...	1	33 0	...	0 10 $\frac{1}{2}$	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 1 $\frac{1}{2}$	37	
Square feet ...					2,366	
Squares ...						23.66

ABSTRACT.

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

22
ABSTRACT.—cont.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
24.60	Squares. Tiled roofing with flat and pan tiles including teak reapers ...	...	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.

23
DEPARTMENT PUBLIC WORKS.

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

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

EXCAVATOR.

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

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

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

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

BRICKLAYER.

Concrete.—Lay over the full breadth of the trenches about 9 inches of concrete as herein after 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.

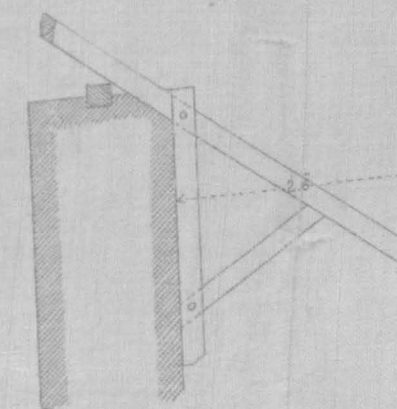
Provide and dress two lines No. 4 stones 1' 6" x 1' 6" x 6" with mortice holes 2" square and 2" deep to receive the verandah posts.

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—
x ——— x ——— supply rafters ——— x ——— x ——— 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 ~~at~~ 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.

1657
14
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 inadvisable to retain them till the quantities are taken out.

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

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.

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

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

165/15

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.

1657
16
14TH MARCH 1883, No. 843 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 109.

READ—the following letter from G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Secretary to Government, dated Kadiri, 6th March 1883, T. No. 309:—

I have the honor to enclose an extract from my notes on the inspection of the Sub-Registrar's Office at Razipur, in the Salem District, on the 6th October 1882, and, for the reasons set forth therein, to request that you will be pleased to obtain the sanction of the Government for the construction of a new office on the standard design terraced building.

T. No. 2911, Judicial

"The last inspection of this office was made by the late Inspector-General in the month of December 1877. The office is held in the verandah of the Deputy Tahsildar's Cutcherry. A more unsuitable and inconvenient place could not have been selected. The records are kept in a small dark room adjoining the verandah. There are two almirahs. The records were labelled and well arranged. A new office is urgently needed, especially as registration is rising and parties should be afforded facilities, which cannot, under the existing arrangements, be given."

No. 553, Judicial.

Approved and transferred to the Public Works Department.

(By Order.)

(Signed) M. HAMMICK,
Acting Assistant Secretary.

9th March 1883.

No. 110.

ORDER—dated 14th March 1883, No. 843 W., Public Works.

The Superintending Engineer, Fourth Circle, will submit estimates for a new Registration Office on the standard design.

(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.

Exd. A. F. Goodall.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1883) Madras

PUBLIC WORKS.

Dated March, 14th.

Recd.

Encl.

G.O., 14th March 1883, No. 843 W.

MARCH

Nos. 109-110.

Sub-Registrar's Office

An estimate for a new — at Razipur, in the
dem District, ordered to be submitted.

*N^o 223
6.4.* *Supr. Engineer's Office 4th Circle,
Camp Cotacamund, 3rd June/83.*
165/7

*Report to accompany the Abstract/estimate
of Rs. 2,037 for constructing a Sub-Registrar's
Office at Razipur in the District of Salem.*

Enclosures 3.

*1 Estimate
1 Plan &
1 site plan.*

** approved in G.O. the standard design and estimate (terraced
No 120 W dated 14th Jan'y
1882.*

*The estimate for this work was called
for in G.O. N^o 843 W, dated 14th March 1883.
It has been prepared in accordance with
the standard design and estimate (terraced
roof), with the exception of the foundation,
which has been made one foot less in depth
than is allowed in the standard design;
the concrete being omitted as the soil is gravelly.*

*2. The necessity for the building is ex-
plained by the Inspector General of Re-
gistration in his Notes of Inspection printed
in the G.O. quoted above.*

*3. The building is to be erected on the
site selected at the north side of the Deputy
Tahsildar's bungalow. On this site there
is an old shed which was formerly oc-
cupied by the P. & M. Officers, but is now
in*

7/6/83

1657
18

in a ruined state. The position of the new building is shown in red on the site plan.

4. A compound wall is also provided on the West and North sides for a length of 160 feet. The site selected for the building being Government Land, no compensation is required.

5. The site plan and estimate have been approved and countersigned by the Inspector General of Registration. If the estimate be sanctioned and funds allotted at an early date, the work may be carried out within the current official year.

Confirmed
4th Dec/83
J. Beatty, Colonel, R.E.,
Supg. Engineer, 4th Circle.

To

The Chief Engineer,

D. J. W.

7/6/83

a no 120 W 14.1.82
8.43 W 14.3.83

P.W.C. No. 4775

From

The Superintending Engineer
H. E. Bird.

Dated 3rd

Received 7

June 1883.

No. 223
E.M.

Enclosures 3 (2 plans)

Sub-Registrar's office at
Puzosur—

Forwards Report and
Estimate of No. 2037 for con-
-structing a — in the Salem
District.

12/10/83

22/9/83 No. 223/83

Public Works Department, 188 -8

1657/19

Current No.

4775

Letter No.

223

Dated the

3rd June 1883

From the

Supg. Engr. H. E. Bird

NOTE OF REMARKS.

1. Enclosed are a plan and estimate, No. 2037, for the construction of a Sub-Registrar's Office at Puzosur, Salem District.

2. Owing to the soil of the site being gravelly, concrete has not been estimated for and the brick work for foundation is as follows in depth than allowed in the Standard estimate.

3. A compound wall on north and west sides has been provided for. Length of wall 160 feet. No room has been assigned for its erection.

A gate and weather boards have entered in the estimate. All the items accord with the Standard estimate.

4. The estimate has been countersigned by the Deputy Secy. of Registration.

7/6/83

No 1657 W P W Deptt. ^{31/11} ~~clerk~~

Proceedings of the Madras Government.

Under date the 13th Aug 1883

1657
20

Read the following

Letter from the Suply. Deptt. No. 223 P.M. dated
4th June 1883.

Fourth Circle

The plan and esti-
mate, amounting to Rs
2037, for constructing a
Sub Registrar's Office at
Pacipure, in the Salem
are
sanctioned, for ex-
ecution when funds are
available.

2. This sanction has
been registered as Pro-
vincial No 52 of 1883.
84, and classified as
Civil Building, Original
Works.

Cu

Cy.
9/6

The Suply. Deptt. Fourth Circle with 3 Encls.
" Revenue P.M. Account
" Judicial Deptt.
" Inspector General of Registrars

Amg
8/8

Govt. of (1883) Madras.

PUBLIC WORKS.

586/61

Dated

Recd.

Encl.

G.O. 13th June 1883, No. 1657

Nos.

Sub Registrar's Office

Plan & Estimate of Rs.
2037 for construction of
at Rajipur in the Salem
District, sanctioned.

200/6

Entirely Recd. Rajapur