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MADRAS RECORD OFFICE

GOVERNMENT OF MADRAS

Revenue DEPARTMENT

G.O. No.
B.P.—No.

856

Press
Mis.

Dated

10.4.1876

196

Not to be folded or roughly handled

856
7

*Proceedings of the Madras Government, Public Works Department,
29th March 1876.*

Read the following Proceedings of the Madras Government in the Judicial Department, dated 14th February 1876, No. 252:—

Read the following letter from Captain ROSS THOMPSON, R.E., Officiating Consulting Architect to Government, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Chepauk, 27th January 1876, No. 331:—

In compliance with G.O., No. 197, dated 29th September 1875, I have the honor to submit a plan, specification, and estimate of quantities for Sub-Collectors' and Head Assistant Collectors' Outcherries revised in accordance with the instructions contained in the Proceedings of Government, Judicial Department, No. 1,976, dated 9th September 1875.

No. 49.

REFERRED to the Judicial Department.

FORT ST. GEORGE,
3rd February 1876.

(Signed) G. W. WALKER, Major-General, R.E.,
Secretary to Government, P.W.D.

This revised plan is approved and sanctioned for adoption.

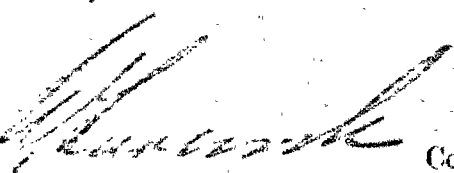
(True Extract.)

(Signed) W. HUDLESTON,
Chief Secretary.

ORDER THEREON, 29th March 1876, No. 195.

COMMUNICATED to District Engineers.

(True Extract.)


Colonel,
Offg. Under Secretary to Govt.

To District Engineers,
„ the Consulting Architect,
„ the Judicial Department,
„ the Revenue do. ✓

with plan and estimate of quantities.

Ed. A. S. Rodgers.

50 Spare Copies

Mis.

ESTIMATE FOR CONSTRUCTING A SUB-COLLECTOR'S CUTCHERRY
ACCORDING TO THE REVISED STANDARD DESIGN, DATED
27TH JANUARY 1876.

DETAILED QUANTITIES.

Description of Work.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Excavation for Foundations.</i>						
Front, rear, and end walls ...	1	207 0	5 0	4 0	4,140	
Partitions ...	2	14 6	5 0	4 0	580	
Side wall of court ...	1	39 4 1/2	5 0	4 0	788	
Do. do. ...	1	26 6 1/2	5 0	4 0	531	
Wall under gallery ...	1	16 6	5 0	4 0	330	
Front wall of court ...	1	76 6	5 3	4 0	347	
Porch walls ...	1	40 9	5 0	4 0	815	
Bath-room partition ...	1	8 6	3 10	4 0	130	
Turret ...	1	12 6	12 10	4 0	642	
Verandah walls ...	1	266 2	3 10	4 0	4,081	
Dais walls ...	1	20 10	1 6	1 0	31	
Steps ...	1	9 0	4 0	1 0	36	
Do. ...	2	11 0	3 0	1 0	66	
Do. ...	2	11 6	3 0	1 0	69	
Cubic feet ...					12,586	
Cubic yards ...					...	466
<i>Concrete 12" thick.</i>						
Excavation ÷ 4 =					3,146 1/4	
<i>Brick work in Foundations, Footings.</i>						
Front, rear, and end walls ...	1	209 2	2 10	1 6	889	
Partitions ...	2	16 8	2 10	1 6	142	
Side wall of court ...	1	38 6	2 10	1 6	168	
Do. do. ...	1	28 9	2 10	1 6	122	
Wall under gallery ...	1	18 8	2 10	1 6	79	
Front wall of court ...	1	13 8	3 4	1 6	93	
Porch walls ...	1	42 4	3 0	1 0	127	
Bath-room partition ...	1	10 8	1 10	1 6	29	
Turret ...	1	10 4	10 9	1 6	167	
Verandah walls ...	1	268 4	1 10	1 6	788	
Above footings to ground level front, rear, and end walls ...	1	210 6	1 6	1 6	474	
Partitions ...	2	18 6	1 6	1 6	81	
Side wall of court ...	1	39 10	1 6	1 6	90	
Do. do. ...	1	29 11	1 6	1 6	67	
Wall under gallery ...	1	20 0	1 6	1 6	45	
Front wall of court ...	1	20 0	2 4	1 6	70	
Porch walls ...	1	45 4	2 0	2 0	173	
Bath-room partition ...	1	12 0	0 10	1 6	15	
Turret ...	1	9 4	9 11	1 6	139	
Verandah walls ...	1	269 4	0 10	1 6	337	
Dais ...	1	14 4	1 6	0 9	27	
Steps ...	1	9 0	4 0	0 9	27	
Do. ...	2	11 0	3 0	0 9	50	
Do. ...	2	11 6	3 0	0 9	52	
Cubic feet ...					4,201	
<i>Brick work in Basement.</i>						
Front, rear, and end walls ...	1	210 6	1 6	2 0	632	
Partitions ...	2	18 0	1 6	2 0	108	
Side wall of court ...	1	39 10	1 6	2 0	120	
Do. do. ...	1	29 11	1 6	2 0	90	
Wall under gallery ...	1	20 0	1 6	2 0	60	

2000 Pounds of Rice
for a supply.

For: fuel & light, clothing and
maintenance for a supply. The Bureau
has for the 1876-77, 1877-78, and 1878-79
interim.

March 29: March 31 1876
Rec'd 8: April 3 1876

Ch. 195

Pross: P. W. B. B. B.

Ch. 1426

2000 Pounds

Common to the
Bureau of the Bureau

10:00 P.M.

25/3

Description of Work.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Brick work in Basement.—(Concl'd.)</i>						
Front wall of court	1	20 0	2 4	2 0	93	
Porch walls	1	21 4	2 0	2 0	97	
Bath-room partition	1	12 0	0 10	2 0	20	
Turret	1	9 4	9 11	2 0	185	
Verandah walls	1	209 4	0 10	2 0	449	
Dais	1	21 4	0 10	2 0	41	
Steps	1	9 0	3 0	1 6	41	
Do.	2	9 0	2 0	1 6	54	
Do.	2	9 0	2 0	1 6	57	
Deductions					2,017	
Stone work as per detailed quantities for basement					282	
Cubic feet					1,765	
<i>Brick work in Superstructure.</i>						
Front, rear, and end walls	1	210 6	1 6	11 0	3,473	
Partitions	2	18 0	1 6	11 0	591	
Gables over do.	2	21 0	1 6	3 9	236	
Side wall of court	1	39 6	1 6	20 0	1,185	
Do. do.	1	30 6	1 6	20 0	915	
Wall under gallery	1	21 0	1 6	10 6	315	
Front wall of court	1	20 0	2 0	11 0	440	
Front and rear wall of court above	2	20 0	1 6	9 0	540	
Gables over do.	2	23 0	1 6	4 6	311	
Porch front piers	2	2 6	1 6	8 6	64	
Do. end do.	4	1 0	1 6	9 6	57	
Bath-room partition	1	12 0	0 10	11 0	110	
Turret	1	9 0	9 0	31 0	2,511	
Dais	1	24 4	0 10	2 0	41	
Do. steps	2	4 0	2 0	1 6	24	
Deductions					10,816	
Verandah openings (Seg. arch 12" rise) 3rds of	1	8 0	2 0	8 0	85	
Entrance door-way (Seg. arch 6" rise) 3rds of	1	6 0	1 6	8 0	43	
Doors (flat arch) 3rds of	15	4 4	1 6	8 0	525	
Do. (") " " "	1	4 4	0 10	8 0	19	
Do. (") " " "	1	3 6	1 6	7 0	25	
Do. (") " " "	1	3 6	1 0	7 0	16	
Upper turret door up to springing (semi-circular head allowed for expense of arching)	1	3 6	1 6	4 9	25	
Windows, flat arch, 3rds of	8	4 0	1 6	5 6	176	
Upper court windows up to springing (semi-circular head allowed for arching)	3	4 0	1 6	6 0	163	
Turret windows do. do.	2	3 6	1 6	6 11	51	
Turret wall 7 feet dia.	1	38 4	Area	11 0	423	
Do. square portion above	1	6 0	6 0	20 0	720	
Stones under trusses					14	
Cubic feet					2,335	
					8,581	

Specification of works to be performed in constructing a sub-Collector's Catcherry according to the Revised Standard Design, dated 27th January 1876.

Excavation.

After the centre lines of the walls have been pegged out and the breadths of the foundations lockspitted, excavate the earth to the full depth.

The depth at which the building is to be founded will be determined by the local officer in charge of the works. The estimate provides for 4 feet which will be ample, unless the soil is very bad.

Concrete.

On receipt of a written order from the Officer in charge of the works, to the effect that the foundations have been sufficiently sunk, proceed to lay 12 inches of concrete. The concrete will be laid in two layers, each layer 6 inches thick well rammed with heavy beaters, and the second layer will not be added to the first, until the latter is thoroughly consolidated.

Brick work.

On the completion of the concrete, the centre lines will be carefully laid out, and the footing courses will be carried up in steps 6 inches high with 3 or 4 inch offsets on either side according to the drawing.

Walling.—The walling will consist of brick work in chunam 1 foot 6 inches thick, (two bricks) for main building, and 10 inches thick under verandah posts, to the different heights marked on the plan.

Splays.—All openings will have splayed edges, measuring 3 inches on the face of the splay.

Flat arch work.—The flat arch work over doors and windows to be 18 inches thick.

Circular arch work.—The circular arch work will be turned in four concentric rings of brick on edge.

Stone works.

Stone slabs should be placed under verandah posts and trusses, and in localities where stone is cheap the steps will be of stone and a 6 inch course all round the top of the basement.

Timberwork.

The verandah posts will be tenoned into stone slabs, and the trusses, rafters, &c., will be executed in strict accordance with the detailed plans.

For further particulars see specification for 1st-class taluq outcherries published with G. O., No. 1,986, dated 13th July 1875.

Doors and Windows.

The doors will have screwed panels instead of grooved and tongued panels, and the edges will be splayed and not moulded. Venetians to be of ordinary construction. The record room windows will be provided with iron bars.

Tiled roofing.

The roof will be covered with well-burnt tiles laid in the usual manner, and the ridges and hips in tiles specially made for the purpose.

Chunam bands.—Protect the ridges, hips and eaves with chunam bands rough cast on the surface and lay bands on the tiling inches broad and inches apart.

Lead flashing.—Where a roof joins a wall, proper lead or zinc flashing will be inserted to prevent the joint from leaking.

Flooring.

Lay an even course of 9-inch square tiles set diagonally. The tiles will be rubbed on the surface and gauged to fit each other.

Plastering and Pointing.

The interior will be plastered with fine chunam and the exterior pointed flush.

Painting.

All doors and windows and exposed wood work will be painted with three coats of Carson's oak color, and the wood work of the roof with three coats of wood oil.

Exterior Drain.

All round the exterior build a drain of flat 9-inch tiles, varying the section of the drain according to the slope of the ground, see sketch in specification above referred to.

(Signed) ROSS THOMPSON, Captain, R.E.

Offg. Consulting Architect to Govt.

Description of Work.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Earth filling.</i>						
Court	1	36 0	20 0	1 6	1,080	
Clerks, Sheristadars, &c.	1	69 9	18 0	1 6	1,933	
Verandahs	1	245 2	7 2	1 6	2,636	
Cubic feet	...	...	...	...	5,599	
Cubic yards	...	...	...	...	...	208
<i>Cut-stone work (if procurable at a reasonable rate.)</i>						
Under posts in verandahs	31	1 0	1 0	0 6	17	
Do. do. in porch	2	1 0	2 0	0 6	2	
Course over basement	1	287 0	0 10	0 6	120	
Do. do. for porch	1	21 6	2 0	0 6	25	
Steps	2	9 0	1 3	0 6	11	
Do.	1	9 0	2 0	0 6	9	
Do. at ends	2	7 0	1 0	0 6	7	
Do. do.	2	27 0	1 3	0 6	34	
Do. in rear	2	7 6	1 0	0 6	8	
Do. do.	2	23 0	1 3	0 6	35	
Steps, entrance	1	8 0	1 0	0 6	4	
Do.	2	8 0	1 3	0 6	10	
In superstructure, stone under trusses...	...	...	...	...	14	
Cubic feet	...	...	...	...	296	
<i>Teakwood.</i>						
Court room						
3 Trusses, 20 feet span. { Tie beams	3	23 0	0 5 1/2	0 7	18	
{ Principal rafters	6	12 6	0 4	0 6	13	
{ Struts	6	6 0	0 4	0 4	4	
Purlins	2	46 0	0 7	0 8	36	
Do. over wall	2	46 0	0 4	0 4	10	
Ridge	1	46 0	0 3	0 0	9	
Common rafters	60	16 0	0 3	0 4	80	
Barge boards	4	16 3	1 1	0 1 1/2	9	
Purlin supports	6	1 3	1 3	0 6	5	
Gallery... { Beams	2	13 6	0 10	1 0	23	
	3	23 0	0 3	0 6	23	
	1	23 0	0 4	0 6	4	
	1	21 0	0 1	0 7	1	
Turret .. { Wall plates	4	9 0	0 4	0 6	6	
	4	9 0	0 3	0 3	2	
	8	7 3	0 3	0 3	4	
	8	5 8	0 3	0 3	3	
	20	1 0	0 3	0 3	1	
	1	0 10	0 10	0 9	1	
Flaves board	4	14 0	0 6	0 4	2	
Porch posts	2	0 5	0 5	8 4	3	
Bressummers	1	23 6	0 5	0 6	5	
Rafters	16	11 9	0 3	0 3 1/2	14	
Do.	16	7 3	0 3	0 3 1/2	9	
Collar pieces	16	6 9	0 3	0 3 1/2	9	
Crackets	8	3 4 1/2	0 3	0 3 1/2	3	
Uprights	4	2 7 1/2	0 3	0 3 1/2	1	
Wall plate	1	23 0	0 4	0 10	6	

Description of Works.	Number	Length.	Breadth.	Depth.	Contents.	Total.
Plank under gutter	1	23 0	1 4 1	0 1	3	
Barge board	2	13 0	0 10	0 1 1	3	
Do.	2	8 0	0 10	0 1 1	2	
Clerks, Sheristadars, Magistrates and Record rooms						
3 Trusses, 18 feet span. { Tie beams	3	21 0	0 4	0 6	11	
Principal rafters	6	11 3	0 4	0 5	9	
Struts	6	5 4	0 3	0 4	3	
Purlins	2	29 0	0 7	0 8	23	
Do.	2	39 0	0 7	0 8	30	
Do. over walls	2	10 6	0 7	0 8	8	
Do. do.	2	45 0	0 4	0 4	10	
Do. do.	2	35 0	0 4	0 4	8	
Do. do.	2	21 0	0 4	0 4	5	
Principal hip rafters	4	14 0	0 4	0 6	9	
Wall plates	2	45 0	0 4	0 5	13	
Ridge	1	24 0	0 3	0 8	4	
Do.	1	34 0	0 3	0 8	6	
Hip rafters	4	27 6	0 4	0 5	15	
Common rafters	126	24 3	0 3	0 4	255	
Purlin supports	16	1 0	1 0	0 6	8	
Verandah. { Posts	34	0 5	0 5	7 6	41	
Brassummer	1	296 0	0 5	0 6	62	
Cleats	180	1 3	0 3	0 4	19	
Cubic feet					852	
<i>Wrought Iron work in trusses, &c.</i>						
1 1/2" dia. king rods for 20 feet trusses ...	3	3 6	25 6	x 4-09	104-30	
1" do. do. 18 do. ...	3	7 6	22 6	x 2-62	58-95	
1 1/2" hex nuts and bolt heads for 20 feet trusses ...	3			x 3-21	9-63	
1" do. do. 18 feet trusses ...	3			x 1-65	4-95	
3" x 3" x 1/2" washers for trusses ...	18			x 0-32	5-76	
2" x 1/2" flat iron straps for 20 feet trusses ...	6	3 3	19 6	x 3-34	65-13	
2 1/2" x 3/4" bearing plates for trusses ...	6	0 9	4 6	x 4-69	21-11	
1 1/2" x 3/4" flat iron straps for 18 feet trusses ...	6	3 0	18 0	x 1-87	33-66	
1 1/2" x 1/2" bearing plates for trusses ...	6	0 8	4 0	x 2-32	11-63	
1" hex nuts for securing straps to plates ...	24			x 0-13	3-12	
2" x 2" x 1/2" washers for do. ...	24			x 0-14	3-36	
1" bolt to secure porch wall plate ...	4	2 7 1/2	10 6	x 2-62	27-51	
1" hex nut and bolt heads for do. ...	4			x 1-10	4-40	
6" x 6" x 1/2" washers for do. ...	4			x 1-25	5-00	
Pin to fasten turret finial ...	1		2 3	x 2-62	5-90	
Spikes 1 1/2" x 1" x 5" ...	322			0-08	34-56	
lbs					399-02	
<i>Doors and Windows 3rd Venetian and 1st panel including frames.</i>						
Door	1	6 0		8 0	48	
Do.	10	4 4 1		8 0	560	
Do.	1	3 6		7 0	25	
Windows	5	4 0		5 6	110	
Superficial feet					713	

Description of Works.	Number	Length.	Breadth.	Depth.	Contents.	Total.
<i>Doors, panel, including frames.</i>						
Door for turret	1	3 6		7 0	25	
Do. with circular top	1	2 6		6 6	23	
Superficial feet					48	
<i>Venetian windows with Iron bars including frames.</i>						
For record room	3	4 0		5 6	66	Supl. feet
<i>Glazed windows with circular heads including frames.</i>						
Court square portion	3	4 0		6 0	72	
Do. semi-circular portion	3	6 3	Area.	6 1 1/2	19	
Turret square portion	2	2 9		6 1 1/2	31	
Do. semi-circular portion	2	3 0	Area.		6	
Superficial feet					131	
<i>Glazed circular ventilators with frames.</i>						
Court 3 feet 6 inches diameter ...	7	9 9	Area.		68	Supl. feet
<i>Roofing with flat and pan tiles with chunam borders including teak reefers complete.</i>						
Court	1	45 0		33 6	1,508	
Record and Magistrate's room with verandahs	1	43 0		47 6	2,043	
Clerks and Sheristadar's room	1	52 9		47 6	2,506	
Porch	1	23 0		20 0	460	
Turret	1	14 0		16 0	224	
Superficial feet					6,741	
Squares					67-41	
<i>Terrace flooring.</i>						
For gallery	1	20 0		12 0	240	Supl. feet
Squares					2-40	
<i>Flooring with 9" square tiles.</i>						
Court and front verandah	1	36 0		20 0	720	
Record room	1	18 0		18 0	324	
Magistrate's rooms	1	12 0		17 2	206	
Clerks and Sheristadar's room	1	39 9		18 0	716	
Verandahs	1	245 2		7 2	1,757	
Door pieces	1	6 0		1 6	9	
Do.	15	4 4 1		1 6	98	
Do.	1	4 4 1		0 10	4	
Do.	1	3 6		1 6	5	
Do.	1	3 6		1 0	4	
Superficial feet					3,843	
Squares					38-43	
<i>Plastering interior.</i>						
Court, lower portion	1	160 0		11 0	1,100	
Do. upper portion	1	116 0		9 0	1,044	

Description of Works.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Plastering interior.—(Concl.)</i>						
Court gables ...	2	20 0	...	4 6	180	
Front verandah ...	1	52 0	...	10 6	546	
Magistrate's and record room...	1	154 4	...	11 0	1,698	
Sheristadar's and Clerks' rooms	1	151 6	...	11 0	1,667	
Gables ...	6	18 0	...	3 9	405	
Dais and steps ...	1	32 0	...	2 0	64	
Turret, lower portion ...	1	22 0	Cir.	11 0	212	
Do., upper portion ...	1	24 0	...	20 0	480	
Door jambs ...	1	22 6	...	1 6	34	
Do. ...	12	20 4½	...	0 9	183	
Do. ...	3	20 4½	...	1 6	92	
Do. ...	1	20 4½	...	0 10	17	
Do. ...	1	17 6	...	0 9	13	
Do. ...	1	17 6	...	1 0	18	
Do. ...	1	15 0	...	1 6	23	
Window jambs ...	8	19 0	...	0 9	114	
Do. ...	3	22 4	...	0 9	50	
Do. ...	2	19 4	...	0 9	29	
Ventilator jambs ...	2	11 0	...	1 6	33	
Do. ...	5	11 0	...	0 9	41	
Deductions—						8,073
Doors ...	1	8 0	...	8 0	64	
Do. ...	2	6 0	...	8 0	96	
Do. ...	20	4 4½	...	8 0	700	
Do. ...	3	3 6	...	7 0	74	
Do. ...	2	3 6	...	4 9	33	
Do. ...	1	4 10½	Area.	...	5	
Do. ...	8	4 0	...	5 6	176	
Do. ...	3	4 0	...	6 0	72	
Do. ...	3	6 3	Area.	6 1½	19	
Do. ...	2	2 9	Area.	...	34	
Do. ...	2	3 0	Area.	...	6	
Ventilators ...	9	9 3	Area.	...	88	
						1,367
Superficial feet ...	...	...	...	...	...	6,706
Squares ...	...	...	...	...	...	67-06
<i>Pointing exterior.</i>						
Court, front and rear ...	2	23 0	...	20 0	920	
Do. ends ...	1	31 0	...	20 0	620	
Do. do. ...	1	21 0	...	9 0	189	
Do. gables ...	2	23 0	...	4 6	207	
Sheristadars and Clerks' record rooms	1	193 6	...	1 0	2,129	
Turret, lower portion ...	1	24 0	...	20 0	480	
Do., upper portion ...	1	36 0	...	11 0	396	
Porch pier ...	2	10 0	...	9 0	180	
Do. ...	2	2 0	...	9 0	36	
Basement all round ...	1	331 0	...	2 0	762	
Door jambs ...	1	24 6	...	2 0	49	
Do. ...	12	20 4½	...	0 9	183	
Do. ...	1	17 6	...	0 9	13	
Window jambs ...	8	19 0	...	0 9	114	
Do. ...	3	22 4	...	0 9	50	
Do. ...	2	19 4	...	0 9	29	
Ventilator jambs ...	5	11 0	...	0 9	41	
						6,398

Description of Works.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Pointing exterior.—(Concl.)</i>						
Deductions—						
Doors ...	1	8 0	...	8 0	64	
Do. ...	12	4 4½	...	8 0	420	
Do. ...	1	3 6	...	7 0	25	
Do. ...	8	4 0	...	5 6	176	
Windows ...	5	9 9	Area.	...	49	
Ventilators ...	3	4 6	...	6 0	72	
Do. ...	3	6 3	Area.	...	19	
Do. ...	2	2 9	...	6 1½	34	
Do. ...	2	3 0	Area.	...	6	
						865
Superficial feet ...	...	...	...	...	...	5,533
Squares ...	...	...	...	...	...	55-33
<i>Painting with three coats of "Car-</i>						
<i>son's oak color" all doors and win-</i>						
<i>dows and exposed wood work.</i>						
Doors, panel portion ...	2	1	6 0	...	2 8	32
Do. ...	2	16	4 4½	...	2 8	373
Do. ...	2	1	3 6	...	2 0	16
Do. ...	2	1	3 6	...	7 4	49
Do., panel portion ...	2	1	3 6	...	6 6	48
Do. ...	2	1	3 6	...	5 4	96
Venetian portion ...	3	1	6 0	...	5 4	1,120
Do. ...	3	16	4 4½	...	4 8	49
Do. ...	3	1	3 6	...	5 6	230
Windows, do. ...	3	5	4 0	...	5 6	231
Do., do., with iron bars ...	3	3	4 0	...	6 0	126
Do., glazed square portion	1	3	4 0	Area.	...	33
Do., semi-circular do.	1	3	6 3	Area.	6 1½	59
Do., square do.	1	2	3 0	Area.	...	11
Do., circular do.	1	2	3 0	Area.	...	119
Do., do. ...	1	7	9 9	Area.	7 6	425
Verandah posts ...	34	1 8	...	8 4	28	
Porch do. ...	2	1 8	...	1 3	81	
Barge boards for court...	4	16 3	...	1 0	24	
Do. for porch ...	2	12 0	...	1 0	16	
Do. do. ...	2	8 0	...	0 7	33	
Flaves board for turret	1	50 0	...	...	...	
						3,297
Superficial feet ...	...	...	...	...	...	32-27
Squares ...	...	...	...	...	...	...
<i>Painting wood work of roof with</i>						
<i>three coats of wood oil.</i>						
Tie beams ...	3	23 0	...	2 1	144	
Principal rafters ...	6	12 6	...	1 4	100	
Struts ...	6	6 0	...	1 4	43	
Purlins ...	2	45 0	...	1 11	173	
Do. ...	2	45 0	...	0 4	30	
Do. ...	1	45 0	...	1 6	63	
Ridge ...	1	15 0	...	0 11	830	
Common rafters ...	20	12 0	...	2 10	68	
Beams ...	2	20 0	...	1 3	200	
Joists ...	8	20 0	...	0 10	17	
Do. ...	1	20 0	...	0 9	15	
Plank ...	1	20 0	...	0 9	27	
Hip rafters ...	4	9 9	...	0 9	44	
Rafters ...	8	7 3	...	0 9	33	
Do. ...	8	5 6	...	...	...	

Description of Works.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
<i>Painting wood work of roof with three coats of wood oil.—(Concld.)</i>						
Bressummers ...	1	23 0	...	1 5	33	
Rafters ...	16	11 9	...	0 10	157	
Do. ...	16	7 9	...	0 10	103	
Porch... Collar pieces...	16	6 9	...	1 1	117	
Brackets ...	8	3 4 1/2	...	1 1	29	
Uprights ...	4	2 7 1/2	...	1 1	11	
Wall plate ...	1	23 0	...	1 2	27	
Clerks, Sheristadars, and Record room. Tie beams ...	3	21 0	...	1 8	105	
Principal rafters ...	6	11 3	...	1 2	79	
Struts ...	6	5 4	...	1 2	37	
Purlins ...	2	26 0	...	1 11	160	
Do. ...	2	36 0	...	1 11	133	
Do. ...	2	10 6	...	1 11	40	
Do. ...	2	40 0	...	0 4	27	
Do. ...	2	30 0	...	0 4	20	
Do. ...	2	21 0	...	0 4	14	
Principal hip rafters ...	4	14 0	...	1 4	75	
Ridge ...	1	21 0	...	1 3	26	
Do. ...	1	30 3	...	1 3	38	
Hip rafters ...	4	26 6	...	1 2	124	
Common rafters ...	126	23 3	...	0 11	2,685	
Verandah, bressummers ...	1	281 0	...	1 5	398	
Superficial feet ...	...	...	...	...	6,230	
Squares ...	...	...	...	...	...	62-30
<i>Zinc gutter and flushing.</i>						
Porch ...	...	...	...	...	23	
Sides of court ...	2	36 0	...	...	72	
Do. turret...	...	...	...	...	18	
Lineal feet ...	...	...	...	...	113	
Exterior drain ...	...	...	...	...	280	Lineal ft.
<i>Wooden Railing.</i>						
For gallery ...	...	...	...	...	20	
Dais ...	...	...	...	...	26	
Lineal feet ...	...	...	...	...	46	
Dental cornice over windows and interior of court ...	...	...	...	...	184	Lineal ft.
Spiral stairs ...	...	...	...	...	22	Steps.
Punkah over dais ...	1 in Number	...	...	...	...	
Finial over court room...	2 in Number	...	...	...	...	
Do. over porch ...	2 in Number	...	...	...	...	
Do. over turret ...	1 in Number	...	...	...	...	

Description of Works.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
SHED FOR WITNESSES.						
<i>Excavation for Foundations.</i>						
Pillars ...	12	4 0	4 0	3 0	576	
Between do. ...	8	5 0	3 7 1/2	3 0	435	
Do. ...	4	4 0	3 7 1/2	3 0	174	
Partition ...	1	12 0	3 7 1/2	3 0	131	
Cubic feet ...	...	...	...	...	1,316	
Cubic yards ...	...	...	...	...	...	49
<i>Concrete.</i>						
Excavation ÷ 3 Cubic feet ...	...	...	...	...	...	438 1/2
<i>Brick work in Foundations.</i>						
Pillars ...	12	2 3	2 3	1 0	61	
Do. ...	12	1 6	1 6	1 0	27	
Between do. ...	8	6 9	1 10 1/2	1 0	101	
Do. ...	8	7 6	1 1 1/2	1 0	68	
Do. ...	4	5 0	1 10 1/2	1 0	43	
Do. ...	4	6 6	1 1 1/2	1 0	29	
Do. ...	1	13 9	1 1 1/2	1 0	15	
Partition ...	1	14 0	1 1 1/2	1 0	16	
Cubic feet ...	...	...	...	...	360	
<i>Brick work in Basement.</i>						
Pillars, including step ...	12	2 9	1 6	0 9	37	
Between pillars do. ...	8	7 6	2 6 3/4	0 9	115	
Do do. do. ...	4	6 6	2 6 3/4	0 9	50	
Partition ...	1	14 6	1 1 1/2	0 9	12	
Cubic feet ...	...	...	...	...	214	
<i>Brick work in Superstructure.</i>						
Pillars ...	12	1 6	1 6	8 0	216	
Wall between pillars ...	4	7 6	1 1 1/2	2 6	81	
Do. ...	4	6 6	1 1 1/2	2 6	73	
Partition ...	1	14 6	1 1 1/2	8 0	131	
Cubic feet ...	...	...	...	...	504	
Earth filling in basement ...	2	16 10 1/2	14 10 1/2	0 3	126	Cubic ft.
Cubic yards ...	...	...	...	...	...	5
<i>Teakwood.</i>						
Bressummers ...	2	38 0	0 5	0 6	16	
Do. ...	2	18 0	0 5	0 6	8	
Cubic feet ...	...	...	...	...	24	
<i>Open work with tiles.</i>						
...	4	7 6	...	2 6	75	
...	4	6 6	...	2 6	65	
Superficial feet ...	...	...	...	...	140	
Tiled roofing including palmyrah couples, teak respers, flat and pan tiles complete ...	1	41 0	...	26 0	1,066	Supl. ft.
Squares ...	...	...	...	...	...	10-63

Description of Works.	Number.	Length.	Breadth.	Depth.	Contents.	Total.
Flooring with 9 inch square tiles.	1	20 0	...	40 0	800	500
Deduct—						
Pillars	12	1 6	...	1 6	27	
Walls	4	7 6	...	1 1½	34	
Do.	4	6 6	...	1 1½	29	
Partition	1	14 6	...	1 1½	16	
					106	
Superficial feet ...						694
Square ...						6.94
Rough plastering and washing.						
Pillars	12	6 0	...	8 0	576	
Walls	4	7 6	...	6 1½	184	
Do.	4	6 6	...	6 1½	159	
Partition	2	14 6	...	8 0	232	
Superficial feet ...					1,151	
Squares ...						11.51

ABSTRACT.

Quantity.	Item.	Rate.	Per.	Amount.	Total.
466 C. yds.	Excavation for foundations	...	C. yd.		
3,146½ C. ft.	Concrete	...	C. ft.		
4,201 "	Brick work in foundations	...	"		
1,765 "	Do. in basement	...	"		
8,581 "	Do. in superstructure	...	"		
208 C. yds.	Earth filling	...	C. yd.		
296 C. ft.	Cut-stone work	...	C. ft.		
852 "	Teakwood wrought and put up	...	"		
399 lbs.	Wrought iron work in trusses, &c.	...	lb.		
743 Sup. ft.	Venetian doors and windows, including frames	...	Sup. ft.		
48 "	Panel doors, including frames	...	"		
66 "	Venetian windows with frames and iron bars for record room	...	"		
131 "	Glazed windows with circular heads, including frames	...	"		
63 "	Circular ventilators with frames	...	"		
67.41 Sqrs.	Roofing with flat and pan tiles, with chunam borders and teak reepers complete.	...	Square.		
2.40 "	Terrace flooring for gallery	...	"		
58.43 "	Flooring with 9-inch square bricks	...	"		
67.06 "	Plastering interior	...	"		
55.33 "	Painting exterior	...	"		

Quantity.	Item.	Rate.	Per.	Amount.	Total.
32.97 Sqrs.	Painting with three coats of "Carson's oak color"	...	Square.		
62.30 "	Painting with three coats of wood oil	...	"		
113 Lin. ft.	Zinc gutter and flushing	...	Lin. ft.		
280 "	Exterior drain	...	"		
46 "	Wooden railing	...	"		
184 "	Dental cornice	...	"		
22 Steps.	Spiral stairs	...	Each.		
1 "No.	Punkah over dais	...	"		
2 "	Wooden finials over court room	...	"		
2 "	Do. over porch	...	"		
1 "	Do. over turret	...	"		
	Shed for Witnesses.				
49 C. yds.	Excavation for foundations	...	C. yd.		
438½ C. ft.	Concrete	...	C. ft.		
360 "	Brick work in foundations	...	"		
214 "	Do. in basement	...	"		
504 "	Do. in superstructure	...	"		
5 C. yds.	Earth filling in basement	...	C. yd.		
24 C. feet.	Teakwood	...	C. ft.		
140 Sup. "	Open work with tiles	...	Sup. ft.		
10.66 Sqrs.	Tiled roofing, including palmyrah couples, teak reepers, flat and pan tiles complete.	...	Square.		
6.94 "	Flooring with 9-inch square bricks	...	"		
11.51 "	Rough plastering and washing	...	"		
	Contingencies at 5 per cent.	...	"		
	Total Rupees	...	"		

CHEPAUK,
27th January 1876.

(Signed) ROSS THOMPSON, Captain, R.E.,
Offg. Consulting Architect to Govt.

Mis.

¹
Rec 1426/6
10 April 196
L 1556. h

G.O. No.
B.P. No.

Press
Mis.