(1) பக்கங்களின் எண்ணிக்கை 114

(2) புதுக்கித் திருப்பிய நாள் 16.10.90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W.D. துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 3122

அச்சகம்
பலவகை

1891
நாள் : 20. 11 1890

198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

3122/1 3123/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 15th May 1891, No. 626.

In continuation of this office No. 396, dated 29th April 1891, I have the honour to submit revised standard designs for a Deputy Tahsildar's Cutcherry with tiled and terraced roofing with specifications and schedules of quantities.

No. 255 D.

Forwarded in continuation of endorsement No. 163 D., dated 6th May 1891, to the Revenue Department for the approval of Government.

(Signed) A. C. SMITH, Lieut.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

25th May 1891.

3122/1

G.O., dated 19th November 1891, No. 5959, Revenue.

Read—again the following papers:—

G.O., dated 16th June 1891, No. 3529 Revenue.

ABSTRACT.—Referring to the Commissioners of Land Revenue for remarks endorsement of the Public Works Department, dated 25th May 1891, No. 255 D., forwarding standard designs and schedule of quantities for a Deputy Tahsildar's Cutcherry with tiled and terraced roofing for approval.

G.O., dated 8th August 1891, No. 4390, Revenue.

Read—the following paper:—

Proceedings of the Board of Revenue (Land Revenue), dated 18th July 1891, No. 5019.

Resolution—

The designs for Deputy Tahsildars' offices are resubmitted to Government with an expression of the Board's approval of them. The designs have been prepared in accordance with the Board's suggestions made to the Consulting Architect in a memorandum, a copy of which has been already furnished to Government with Board's Proceedings, dated 12th May 1891, No. 3284.

2. The Inspector-General of Police has been consulted as to the accommodation required for the Police and his recommendations have been duly attended to.

3. It is not known if Mr. Irwin has consulted the Inspector-General of Jails as to the accommodation required for his department. The Board considers, however, that ample provision has been made for that department also.

3122/2

Endorsement.

Forwarded to the Judicial Department with the request that the Inspector-General of Jails may be asked to state whether sufficient accommodation has been provided for the requirements of his department in the proposed plan for Deputy Tahsildars' cutcherries.

Read—also the following paper:—

G.O., dated 7th September 1891, No. 1817, Judicial.

Read—the following paper:—

From the Inspector-General of Jails, dated 19th August 1891, No. 317.

Order—

The Revenue Department will be informed that the accommodation provided in the plan for Deputy Tahsildars' sub-jails is considered sufficient.

Order—dated 19th November 1891, No. 5959, Revenue.

The revised type design for Deputy Tahsildars' offices prepared by the Consulting Architect is approved and retransferred to the Department of Public Works for general adoption.

(True Extract.)

(Signed) C. A. GALTON,
Secretary to Government.

ORDER—dated 20th November 1891, No. 3122 W., Public Works.

The revised type designs for second-class taluk offices, with schedules of quantities and descriptive specifications, will be circulated to officers of the Public Works Department for information and guidance in continuation of G.O., No. 3023 W., dated 11th November 1891.

(True Extract.)

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

To Superintending Engineers.
„ the Consulting Architect to Government.
„ the Revenue Department.
„ the Judicial „

Exd. C. A. Munisawmy.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.

PUBLIC WORKS.

Dated November, 20th.

Read. *Encl.*

G.O., 20th Nov. 1891, No. 3122 W.

NOVEMBER.

Second-class Taluk offices

The revised type designs for —, with schedules of quantities and descriptive specifications, circulated to officers of the Public Works Department for information and guidance.

3122/3

Annexure to G.O., No. 3122 W., dated 20th November 1891.

REVISED STANDARD DESIGN FOR A DEPUTY TAHSILDAR'S CUTCHERRY WITH TERRACED ROOFING ACCORDING TO DRAWING SIGNED BY THE CONSULTING ARCHITECT TO GOVERNMENT ON 15TH MAY 1891.

DESCRIPTIVE SPECIFICATION.

Foundations.—A depth of 5 feet is provided in the quantities, but this should be settled locally in accordance with the nature of soil.

Walling.—The walls should be carried up in English bond according to the various thicknesses and heights shown on the drawing, 2 bricks and 1½ bricks thick.

Stone wall.—Stone slabs should be placed at the bearing of all beams. The steps may also be of stone, if procurable without great expense.

Wood-work.—The beams and joists may be of well seasoned Burma teak or any other durable country wood, proof against white-ants.

Doors and windows.—The doors and windows to be of well-seasoned Burma teakwood. All doors opening into verandahs will be of ⅓ panel and ⅔ venetians; inner doors to be panelled throughout. Iron-grated shutters with strong batten shutters outside are provided for the property room. Jail wards provided with iron-grated shutters only. The arms and record-rooms provided with strong battened shutters. The windows for the record, property, arm and police guard-rooms will have venetianed shutters opening outside with fixed glazed heads and 1-inch square iron bars set diagonally. The ventilators will consist of Cuddapah or any other similar slabs set as venetians with clear space of about 6 inches between; the back of the ventilators will have galvanized iron wire-netting half inch mesh in teak frames to prevent bats or birds from entering. The ventilators at back of courts will be fixed glazed sashes to throw light on the Judges' seat. The ventilators for jail wards will consist of iron-grating leaded into stone blocks and firmly set in the wall.

Cornice.—Cuddapah or any other similar slabs resting on brick corbels may be fixed throughout the building to the level of the terrace. This forms a simple and effective mode of treatment instead of the usual cornice. The rain water flowing over the Cuddapah slabs will fall clear of the building. The slabs to be well fitted, joints neatly pointed with Portland cement as shown in details.

Roofing.—The roofing will consist of "pucka terracing," care being taken that proper slopes are made for drainage towards the weep-holes.

Flooring.—The floor may be laid with square bricks on 6 inches concrete or stone slabs, if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand, asphalte flooring is provided for record-room and jail wards.

Interior and exterior finishing.—The interior walls will be fine plastered with shell lime and polished or plastered and white-washed. Where good bricks or stone are obtainable, the exterior should be pointed. Black pointing for brick-work with a composition of asphalte, tar, and sand neatly executed is preferable, as it shows the brick-work to advantage and is very durable. In damp soil the plinth and interior walls to a height of about 3 feet should also be plastered with cement.

The different kinds of work to be done will be executed in general accordance with the standard specification of the Public Works Department.

(Signed) H. IRWIN,
Consulting Architect to Government.

Estimate Form—Detail measurements.

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Revised standard design for Deputy Tahsildars' Cutcherries.						
Excavation for foundation—						
Court wall, four sides	1	92 0	4 0	5 0	1,840	
Dais	1	17 0				
Do. steps	2	3 0				
		23 0	2 0	0 9	35	
Clerks', private and inspector's rooms, three sides	2	67 6				
Cross walls	1	13 6				
Record-room, three sides	1	68 6				
Police guard, arms and property room, three sides	1	122 3				
Cross wall	1	13 6				
		352 9	4 0	5 0	7,055	
Cross wall	2	13 6	3 7½	5 0	489	
Jail wards, front and rear walls	2	34 6				
End wall to jail wards	1	27 0				
		96 0	4 0	5 0	1,920	
Cross walls to jail wards	3	13 6				
Verandah, all round	1	164 6				
Do. to courtyards	2	34 6				
		274 0	3 7½	5 0	4,966	
Tower	1	10 0	3 1½	5 0	156	
Steps, front	1	18 0				
Do. rear	1	5 6				
	1	6 0				
		29 6	2 3	0 9	50	
Steps to courtyard	1	13 1½				
	1	6 3				
	1	6 6				
		25 10½	1 3	0 9	24	
Total, Cubic feet ..	..	..	..	..	..	16,535
Concrete—						
Court wall, four sides	1	92 0	4 0	2 0	736	
Dais	1	19 0				
Do. steps	2	4 0				
		27 0	2 0	0 9	41	
Clerks', private and inspector's rooms, three sides	2	67 6				
Cross wall	1	13 6				
Record-room, three sides	1	68 6				
Police guard, arms and property rooms, three sides	1	122 3				
Cross walls	1	13 6				
		352 9	4 0	2 0	2,822	
Cross walls	2	13 6	3 7½	2 0	196	
Jail wards, front and rear walls	2	34 6				
End wall to jail wards	1	27 0				
		96 0	4 0	2 0	768	
Cross walls to jail wards	3	13 6				
Verandah, all round	1	164 6				
Do. to courtyard	2	34 6				
		274 0	3 7½	2 0	1,987	
Tower	1	10 0	3 1½	2 0	63	

3/2/4

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Concrete—*cont.*						
Steps, front	1	18 0				
Do. rear	1	6 6				
	1	7 0				
		31 6	3 3	0 9	77	
Steps to courtyard	1	14 1½				
	1	7 3				
	1	6 6				
		27 10½	2 3	0 9	47	
Total, Cubic feet ..	..	..	..	..	..	6,737
Brickwork in foundations.						
Footings—						
Court wall, four sides	1	92 0				
Clerks', private and inspector's rooms, three sides	2	68 9				
Cross wall	1	14 9				
Record-room, three sides	1	69 9				
Police guard, arms and property rooms, three sides	1	123 6				
Cross wall	1	14 9				
		452 3	2 9	1 6	1,867	
Cross wall	2	14 9				
Jail wards, front and rear walls	2	35 9	2 4½	1 6	105	
End wall to jail wards	1	27 0				
		98 6	2 9	1 6	406	
Cross walls to jail wards	3	14 9				
Verandah, all round	1	165 9				
Do. to courtyard	2	35 9				
		281 6	2 4½	1 6	1,003	
Tower	1	8 9	4 4½	1 6	57	
Above footings to ground level—						
Court wall, four sides	1	92 0				
Clerks', private and inspector's rooms, three sides	2	69 6				
Cross wall	1	15 6				
Record-room, three sides	1	70 6				
Police guard, arms and property rooms, three sides	1	124 3				
Cross wall	1	15 6				
		456 9	2 0	1 6	1,370	
Cross wall	2	15 6				
Jail wards, front and rear walls	2	36 6	1 7½	1 6	76	
End wall of jail wards	1	27 0				
		100 0	2 0	1 6	300	
Cross wall to jail wards	3	15 6				
Verandah, all round	1	166 6				
Do. to courtyard	2	36 6				
		286 0	1 7½	1 6	697	
Tower	1	8 0	5 1½	1 6	62	
Basement—						
Court wall, four sides	1	92 0	2 0	2 0	368	
Dais	1	19 0	1 6	2 0	57	
Do. steps	2	4 0	2 0	2 0	32	
Clerks', private and inspector's rooms, three sides	2	69 6				
Cross wall	1	15 6				
Record-room, three sides	1	70 6				

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Brickwork in foundations—cont.						
Basement—*cont.*						
Police guard, arms and property room, three sides	1	124 3				
Cross wall	1	15 6				
		364 9	2 0	2 0	1,459	
Cross wall	2	15 6	1 7½	2 0	101	
Jail wards, front and rear walls	2	36 6				
End wall to jail wards	1	27 0				
		100 0	2 0	2 0	400	
Cross walls to Jail wards	3	15 6				
Verandah, all round	1	166 6				
Do. to courtyards	2	36 6				
		286 0	1 7½	2 0	930	
Tower	1	8 0	5 1½	1 6	62	
Step, front	1	14 6				
Do. rear	1	4 9				
	1	5 3				
		24 6	1 6	1 0	37	
Step to courtyard	1	13 10½				
	..	7 0				
	..	6 0				
		26 10½	1 0	0 6	13	
Total, Cubic feet of foundations and basement	..	..	..	..	..	9,402
Superstructure.						
Court wall, four sides	1	92 0	1 6	19 0	2,622	
Dais	1	19 9	1 3	1 6	37	
Do. steps	2	4 0	2 0	0 9	12	
Clerks', private and inspector's rooms, three sides	2	70 0				
Cross wall	1	16 0				
		156 0	1 6	15 0	3,510	
Record-room, three sides	1	71 0				
Police guard, arms and property rooms, three sides	1	124 9				
Cross wall	1	16 0				
		211 9	1 6	13 0	4,129	
Cross wall	2	16 0	1 1½	13 0	468	
Jail wards, front and rear walls	2	37 0				
End wall to jail wards	1	27 0				
		101 0	1 6	13 0	1,970	
Cross walls to jail wards	3	16 0				
Verandah, all round	1	167 0	1 1½	13 0	702	
Do. to courtyard	1	37 0				
	2	14 9				
		233 6	1 1½	11 0	2,890	
Tower up to the level of court terrace	1	7 6	6 9	19 0	962	
Tower above do. do.	1	25 0	1 3	9 3	289	
Binding wall over cross walls	3	16 0	1 6	1 0	72	
Do. over front of jail wards	5	16 0	1 1½	1 0	90	
Do. over passage	1	37 0	1 6	1 0	56	
	1	7 1½	1 6	1 0	11	
Masonry projection inside arches	22	11 0	0 9	0 6	91	
	2	10 6	0 9	0 6	8	
	2	7 0	0 9	0 6	5	
String course over arches	22	12 0	0 3	0 3	17	
	2	11 6	0 3	0 3	1	
	2	8 0	0 3	0 3	1	

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Superstructure—cont.						
String course over gothic windows	6	10 0				
Do. over door	1	10 0	0 3	0 3	4	
Do. over windows	10	7 0	0 3	0 3	1	
Cornice projection in front of jail wards and passage	1	37 0	0 3	0 3	4	
	1	5 7½	0 6	0 9	14	
Corbels below Cuddapah slabs coping	180	1 3	0 9	0 6	84	
Total, Cubic feet	..	..	..	..	..	18,052
Deduction—						
Doors	17	4 0	1 6	8 0	816	
	1	4 0	1 1½	8 0	36	
Do with gothic top	1	4 0	1 6	6 6	39	
Windows for clerk's, private room	6	4 0	1 6	5 0	180	
Do. recess	6	4 0	0 9	3 0	54	
Do. with gothic top to police guard- and record-rooms	6	4 0	1 6	6 3	225	
Do. recess	6	4 0	0 9	2 6	45	
Do. with gothic top to record-room	10	2 0	1 6	5 6	165	
Do. recess	10	2 0	0 9	2 6	38	
Ventilators to court-room	4	4 0	1 6	4 0	96	
Do. do. and property room	17	4 0	1 6	1 6	153	
Iron ventilators to jail wards	4	4 0	1 6	1 6	36	
Cut-stone lintels over ventilators	25	5 6	1 6	0 4½	77	
Tower—						
Hollow portion	1	19 63	area	19 0	373	
Doors	2	2 6	1 3	6 0	38	
Windows	3	1 6	1 3	4 0	23	
Stone lintels for tower windows	3	2 6	1 3	0 4½	4	
Do. do. on the terrace	1	3 6	1 3	0 4½	2	
Archway to police guard, rectangular portion.	1	6 0	1 6	5 0	45	
Semi-circular portion	1	14 1½	area	1 6	21	
Archway rectangular portion	1	4 0	1 6	6 0	36	
Do. to passages	1	5 7½	1 6	6 0	51	
Semi-circular portion	1	6 3	area	1 6	9	
Do. passages	1	12 4½	"	1 6	19	
Verandah gothic arches, rectangular portion	22	6 0	1 1½	4 6	668	
Gothic portion	22	18 0	area	1 1½	446	
Do. rectangular portion	2	5 6	1 1½	4 6	56	
Do. gothic portion	2	15 6	area	1 1½	35	
Do. rectangular portion	2	3 6	1 1½	4 6	35	
Do. gothic portion	2	9 6	area	1 1½	21	
Archwork, as per detail	..	..	..	..	856	
Total, Cubic feet of Superstructure	..	..	..	..	..	4,698
Ornamental parapet walls—						
Court walls, four sides	1	92 0				
Clerks, private and inspector's rooms, three sides	2	70 0				
Record-room, three sides	1	71 0				
Police guard, arms and property room	..	101 7½				
Jail wards, rear wall	1	37 0				
End wall of jail wards	1	27 0				
		468 7½	1 3	2 3	1,318	..
Verandah, all round	1	167 0				
Do to courtyard	1	37 0				
	2	14 9				
Tower	1	25 0				
	..	258 6	1 0	2 3	582	..
Total, Cubic feet	..	..	..	..	..	1,900
Flat archwork—						
Doors	17	5 6	1 6	1 1½	158	
	1	5 6	1 1½	1 1½	7	
Do. to tower	1	3 6	1 3	1 1½	5	
Windows	6	5 6	1 6	1 1½	56	
Total, Cubic feet	..	..	..	..	..	226
Circular and gothic archwork—						
Windows to police guard, arms, property room and record-room	6	9 6	1 6	1 1½	96	
Do do. record-room	10	6 0	1 6	1 1½	101	

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Superstructure—cont.						
Circular and gothic archwork—*cont.*						
Archway, police guard	1	11 3	1 6	1 1½	19	
	1	10 7½	1 6	1 1½	18	
	1	8 0	1 6	1 1½	14	
Verandah gothic arches	22	12 0	1 1½	1 1½	334	
	2	11 0	1 1½	1 1½	28	
	2	8 0	1 1½	1 1½	20	
Total, Cubic feet ..	..	..	..	..	..	630
Cornice work—						
Around inside of court ..	1	84 0	..	..	84	
Do. clerks' room	1	81 0	..	..	81	
Private and inspector's room	2	54 0	..	..	108	
Total, R. feet ..	..	..	..	..	..	273
Cut-stone work—						
Ventilators	25	5 6	1 9	0 4½	90	
Door to tower	1	3 6	1 3	0 4	1	
Windows to tower	3	2 6	1 3	0 4	3	
Slabs under beams to court and clerks' room.	8	1 6	1 6	0 4	6	
Do. to police guard ..	2	1 6	1 6	0 4	2	
Do. to property room ..	2	1 6	1 6	0 4	2	
Do. to record-room ..	4	1 6	1 6	0 4	3	
Do. to steps	1	17 6	3 0	0 6	26	
Do. to steps back	1	6 3	3 0	0 6	9	
	1	6 9	3 0	0 6	10	
Do. to steps to courtyard ..	1	13 10½	2 0	0 6	14	
	1	7 0	2 0	0 6	7	
	1	6 0	2 0	0 6	6	
Total, Cubic feet ..	..	..	..	..	..	179
Cuddapah slabs for cornice—						
Court	1	114 0				
Clerks', private and inspector's rooms ..	2	60 0				
Record-room, three sides	1	82 0				
	1	56 4½				
Police guard, arms and property rooms ..	1	21 0				
	1	21 4½				
Jail wards, rear wall	1	40 6				
End wall to jail ward	1	29 0				
Verandah, all round	1	195 6				
Do. to courtyard	1	37 0				
Do. do.	2	14 9				
		746 3	3 6	0 2	2,612	
Ventilators to court	2	5 0				
Do. other offices	17	2 0				
		44 0	5 0	1 6	330	
Total, Square feet ..	..	..	..	..	..	2,942
Teakwood, wrought and put up.						
Court 18′ span—						
Beams	2	20 6	1 0	1 4	55	
Joists 18″ centre to centre	13	28 0	0 3	0 5	38	
Clerks' room 16′ span—						
Beams	2	18 6	0 10½	1 2	38	
Joists	12	28 6	0 3	0 5	36	
Private room—						
Joists	12	13 6	0 3	0 7½	25	
Inspector's room—						
Joists	12	13 6	0 3	0 7½	25	
Beams	2	18 6	0 10½	1 2	38	
Record-room—						
Joists	12	29 0	0 3	0 5	36	
Police guard—						
Beams	1	18 6	0 10	1 2	18	
Joists	12	16 10½	0 3	0 5	21	
Property room—						
Beams	1	18 6	0 10	1 2	18	
Joists	12	18 0	0 3	0 5	23	

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Teak wood, wrought and put up—cont.						
Arms and record rooms—						
Joists	12	13 7½	0 3	0 7½	25	
Passage—						
Joists	12	7 1½	0 3	0 5	9	
Jail wards—						
Joists	12	38 6	0 3	0 5	48	
Verandah—						
Beam at angles	4	10 6	0 5	0 7½	11	
Do. cross	2	7 7½	0 5	0 7½	4	
Joists	83	7 1½	0 3	0 5	62	
Verandah to courtyard—						
Joists	48	7 1½	0 3	0 5	36	
	8	5 6	0 3	0 5	5	
Joists at angles	8	3 6	0 3	0 5	3	
	8	2 0	0 3	0 5	2	
Tower joists	5	6 6	0 3	0 4	3	
Total, Cubic feet ..	..	..	..	..	..	579
Terraced roofing—						
Court	1	26 0	19 0	..	494	
Clerks' room	1	26 6	17 0	..	451	
Private room	1	13 0	17 0	..	221	
Inspector's room	1	13 0	17 0	..	221	
Record room	1	27 0	17 0	..	459	
Police Guard room	1	16 4½	17 0	..	278	
Arms and record rooms	1	13 1½	17 0	..	223	
Passage	1	6 7½	17 0	..	113	
Property room	1	17 0	17 0	..	289	
Jail wards	1	38 0	17 0	..	646	
Verandah	1	140 0	6 7½	..	928	
Verandah to courtyard	1	37 0	6 7½	..	245	
	2	15 9	6 7½	..	39	
Tower	1	6 3	6 3	..	211	
Total, Square feet ..	..	..	..	..	..	4,818
Teak panel and venetian doors with frames and iron fittings, &c.	8	4 0	..	8 0	256	256
Teak do. do. with gothic top and frames and fittings, &c.	1	4 0	..	9 0	36	36
Teak panel doors with frames and fittings, &c.	5	4 0	..	8 0	160	
Do. do. to tower ..	2	2 6	..	6 0	30	190
Iron grated door with battened shutters and fittings	1	4 0	..	8 0	32	32
Iron grated door without shutter ..	4	4 0	..	8 0	128	128
Iron grated windows with venetian shutters outside frames and fittings complete.	6	4 0	..	5 0	120	120
Do. do. with glazed top ..	6	4 0	..	6 9	162	
Do. do. do. ..	10	2 0	..	6 3	125	
Do. do. to tower ..	3	1 6	..	4 0	18	305
Fixed glazed ventilators with frames complete	2	4 0	..	4 0	32	32
Fixed wire netting ventilators with frames complete.	2	4 0	..	4 0	32	
	17	4 0	..	1 6	102	134
Fixed iron ventilators leaded in stone blocks to Jail wards	4	4 0	..	1 6	24	24
Filling in basement—						
Court	1	24 6	17 6	1 6	643	
Dais	1	5 9	5 6	1 6	48	
Clerks' room	1	25 0	..	..	..	
Private room	1	11 6	..	..	..	

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents	Total quantity of each description of work.
1	2	3	4	5	6	7
Filling in basement—*cont.*						
Inspector's room	1	11 6	..	..	..	
Record room	1	25 6	..	..	..	
Police guard	1	14 10½	..	..	..	
Arms and record rooms	1	11 7½	..	..	..	
Passage	1	5 1½	..	..	..	
Property room	1	15 6	..	..	..	
Jail wards	4	7 10½	..	..	..	
		152 3	15 6	1 6	3,540	
Verandah	1	137 6	5 1½	1 6	1,057	
Do. to courtyard	1	36 6	5 1½	1 6	281	
Do. do.	2	14 3	5 1½	1 6	219	
Total, Cubic feet ..	..	..	..	..	..	5,788
Levelling course of concrete, 6 feet thick, under flooring—						
Court	1	24 6	17 6	..	429	
Clerks' room	1	25 0	..	..	..	
Private room	1	11 6	..	..	..	
Inspector's room	1	11 6	..	..	..	
Record room	1	25 6	..	..	..	
Police guard	1	14 10½	..	..	..	
		88 10½	15 6	..	1,378	
Arms and records	1	11 7½	..	..	..	
Passage	1	5 1½	..	..	..	
Property room	1	15 6	..	..	..	
Jail wards	4	7 10½	..	..	..	
		63 10½	15 6	..	990	
Verandah	1	137 6	5 1½	..	705	
Do. to courtyard	1	36 6	5 1½	..	187	
	2	14 3	5 1½	..	146	
Courtyard	1	36 6	21 4½	..	780	
						4,615
Deduct—						
For steps	..	..	..	..	25	
						25
Total Square feet ..	..	..	..	..	..	4,590
Flooring 8-inch square bricks in chunam and pointing with Portland cement—						
Court	1	25 0	18 0	..	450	
Clerks' room	1	25 6	16 0	..	408	
Private room	1	12 0	16 0	..	192	
Inspector's room	1	12 0	16 0	..	192	
Police guard	1	15 4½	16 0	..	246	
Arms and records	1	12 1½	16 0	..	194	
Passage	1	5 7½	16 0	..	90	
Property room	1	16 0	16 0	..	256	
Verandah	1	138 0	5 7½	..	776	
Do. to courtyard	1	37 0	5 7½	..	208	
	2	14 9	5 7½	..	166	
Courtyard	1	21 4½	36 6	..	780	
Doorway	15	4 0	1 0	..	60	
Recess to windows	11	4 0	0 9	..	33	
	1	6 0	1 9	..	11	
Archway	1	5 7	1 6	..	8	
	1	4 0	1 6	..	6	
	22	6 0	1 4½	..	182	
Gothic archway	2	5 6	1 4½	..	15	
	2	3 6	1 4½	..	10	
Total Square feet ..	..	..	..	..	..	4,283
Flooring with asphalte ¾ inch thick—						
Record room	1	25 0	16 0	..	416	
Recess to windows	10	2 0	0 9	..	15	
	1	4 0	0 9	..	3	
Jail wards	4	8 4½	16 0	..	538	
Doorway	4	4 0	1 0	..	16	
Total Cubic feet ..	..	..	..	..	..	988

3/12a/7

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Plastering interior, two coats—						
Court	1	86 0	..	18 3	1,570	
Dais sides	2	7 0	..	1 6	21	
Clerks' room	1	83 0	..	..	..	
Private and Inspector's rooms	1	56 0	..	..	..	
		195 0	..	14 3	2,779	
Record room	1	84 0				
Police guard	1	62 9				
Arm and record room	1	56 3				
Passage	1	43 3				
Property room	1	64 0				
Jail wards	4	48 9¼				
		396 6	..	12 3	6,192	
Tower	1	15 6	..	19 9	295	
	1	20 0	..	8 6	170	
Door jambs and soffits	17	20 0	..	1 6	510	
Do. police guard	1	20 0	..	1 1½	23	
	1	20 6	..	1 6	31	
Do. tower	2	14 6	..	1 3	36	
Archway to police guard	1	19 6	..	1 6	29	
	1	18 3	..	1 6	27	
Do. to passage	1	20 6	..	1 6	31	
	6	14 0	..	1 6	126	
Windows	6	15 6	..	1 6	140	
	10	13 6	..	1 6	203	
Windows to tower	3	11 0	..	1 3	41	
Do. recess	22	3 0	2 0	0 9	99	
Ventilators to court	4	16 0	..	1 6	96	
Do. small	21	11 0	..	1 6	347	
Binding wall over cross wall	3	16 0	..	3 6	168	
	5	16 0	..	3 1½	256	
Do. front of jail wards	1	42 7½	..	3 6	149	
Deduction—						
Doors	16	4 0	..	..	..	
	3	4 0	..	8 0	512	
Do. to tower	2	2 6	2 0	8 0	192	
Archway to police gaurd	1	44 0	area	..	30	
	1	30 0	area	..	44	
Do. to passage	1	47 0	..	..	30	
	6	4 0	..	..	47	
Windows	6	4 0	..	5 6	120	
	20	2 0	..	7 0	168	
Do. to tower	3	1 6	..	5 9	116	
Ventilators to court	4	4 0	..	4 0	18	
	21	4 0	..	4 0	64	
				1 6	126	
Total, Square feet, plastering two coats	..	..	..	..	..	4,466
						1,867
Pointing exterior—						
All round the basement	1	357 6				
Do. verandah walls, exterior	1	171 6	..	2 0	718	
Do. do. interior	1	267 6	..	11 0	1,887	
Wall over terrace to court	1	52 6	..	10 3	2,742	
	1	19 0	..	8 0	420	
Do. do. to clerks', private and Inspector's rooms, three sides.	1	54 0	..	4 0	432	
	3	19 6	..	4 6		
Record room, two sides	1	45 0	..	2 0	76	
Police guard, arms and property rooms, two sides	1	73 4½	..	13 0	585	
Jail wards, back wall	1	38 6	..	13 0	954	
Do. end wall	1	27 0	..	13 0	501	
Courtyard verandah (exterior)	2	37 0	..	13 0	351	
Do. rooms (do.)	2	21 10½	..	11 0	814	
Do. interior	1	85 3	..	13 0	569	
	2	40 9	..	10 3	874	
Tower above terrace	1	30 0	..	10 3	835	
	22	20 0	..	16 6	495	
Jambs and soffits of arch[illegible] verandah	2	18 9	..	1 1½	425	
	2	15 6	..	1 1½	42	
Do. to police guard	1	20 0	..	1 1½	35	
	1	16 3	..	1 6	30	
Do. to passage	1	21 0	..	1 6	24	
						32

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Pointing exterior—cont.						
Parapet walls in court	..	92 0	..	5 9	529	
Do. clerks', private and inspector's rooms, 3 sides	2	70 0	..	5 9	805	
Do. record room, 2 sides	1	45 0	..	5 9	259	
Do. police guard, arms and property room, 2 sides	1	73 4½	..	5 9	422	
Do. jail wards	1	27 0	..	5 9	213	
Do. end wall	1	27 0	..	5 9	155	
Do. courtyard verandah	1	37 0	..	5 9	213	
	2	14 9	..	5 9	170	
Do. do. tower	2	21 10½	..	5 9	252	—
	1	30 0	..	5 9	173	
						16,251
Deductions—						
Doors	12	4 0	..	8 0	384	
Do. to police guard	1	4 0	..	8 6	34	
Do. to tower	2	2 6	..	6 0	30	
Windows	6	4 0	..	5 0	120	
Do. with gothic portion	6	4 0	..	6 0	144	
Do. to tower	10	2 0	..	5 9	115	
Ventilators	3	1 6	..	4 0	18	
	4	4 0	..	4 0	64	
Ventilators to jail wards	11	4 0	..	1 6	66	
Arch—	4	4 0	..	1 6	24	
Rectangular portion	1	6 0	..	5 0	30	
Semi-circular do.	1	14 1½	area	..	14	
Rectangular do.	1	4 0	..	6 0	24	
Semi-circular do.	1	6 0	area	..	6	
Arch to passage—						
Rectangular portion	1	5 7½	..	6 0	34	
Semi-circular do.	1	12 0	..	area	12	
Arches in verandah	22	6 9	2 0	4 6	1,716	
Do. gothic portion	22	18 0	area	2 0	792	
Do.	2	5 6	2 0	4 6	99	
Do. gothic portion	2	15 6	area	2 0	62	
Do.	2	3 6	2 0	4 6	63	
	2	9 6	area	2 0	38	
						3,890
Total Pointing, Square feet ..	..	..	..	..	..	12,361
Painting doors and windows with 3 coats of Carsons Oak paint.				Times		
Panel and venetian doors	8	4 0	2	8 0	704	
Do. with glazed top	1	4 0	2¼	9 0	99	
Do. doors	5	4 0	2½	8 0	360	
Do. do. to tower	2	2 6	2½	6 0	68	
Iron grated door with battened shutters ..	1	4 0	2½	8 0	88	
Do. do. without shutter	4	4 0	..	8 0	128	
Iron grated windows with venetian shutters.	6	4 0	3½	5 0	420	
	6	4 0	3½	6 9	527	
Do. do. with glazed top ..	10	2 0	3½	6 3	406	
Venetian windows to tower	3	1 6	3½	4 0	63	
Fixed glazed ventilators	2	4 0	..	4 0	32	
Do. wire netting	2	4 0	..	4 0	32	
	17	4 0	..	1 6	102	
Do. iron ventilators	4	4 0	..	1 6	24	
Total. Square feet ..	..	..	..	..	..	5,053
Painting wood works with 3 coats of zinc white paint.						
Court—						
Beams	2	18 0				
Joists	13	25 0	..	3 8	132	
Clerks' room—			..	1 1	352	
Beams	2	16 0				
Joists	12	25 6	..	3 2	101	
Private room—			..	1 1	332	
Joists	12	12 0	..	1 6	216	
Inspector's room—						
Joists	12	12 0	..	1 6	216	
Record room—						
Beams	2	16 0				
Joists	12	26 0	..	3 2	101	
Police guard—			..	1 1	338	
Beams	1	16 0				
Joists	12	15 4½	..	3 2	51	
			..	1 1	200	

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Painting wood works with 3 coats of zinc white paint—cont.						
Property room—						
Beams	1	16 0	..	2	51	
Joists	12	16 0	..	1 1	208	
Arms and record room—						
Joists	12	12 1½	..	1 1	218	
Passage—						
Joists	12	5 7½	..	1 1	73	
Jail wards—						
Joists	12	37 0	..	1 1	481	
Verandah—						
Beam at angles	4	8 0				
Do. cross	2	5 7½	..	1 8	53	
Joists	83	5 7½	..	1 8	19	
	8	5 0	..	1 1	506	
Do. at Angle	8	3 0	..	1 1	43	
	8	1 6	..	1 1	26	
Verandah to courtyard—						
Joists	44	5 7¼	..	1 1	13	
Tower—						
Joists	5	5 0	..	0 10	268	
Total, Square feet ..	..	..	..	..	21	
Teak wood railings around the dais ..	23	..	..	..	..	4,019
Spiral staircase to be built of masonry with plastering complete, 5 feet diameter ..	..		Lump sum.		23	23
Masonry drain from inside of courtyard to the nearest nullah or side drain of the road ..	..	..	Lump sum.		100	Rs. 100
Iron grating to the above	2	..		..	12	12
Punkah, 10 feet long, complete	..	..	..	..	2	2
					1	1

Estimate Form—Abstract.

Quantity.	Description of work.	Rate as per Presidency schedule.	Per.	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
16,535 c. ft.	Excavation for foundation	4 10 0	1,000 c. ft.		
6,737 ,,	Concrete, broken vertified bricks in chunam ..	14 0 0	100 ,,	76	
9,402 ,,	Foundation and basement, stock bricks in chunam.	19 8 0	,,	943	
13,354 ,,	Superstructure do. do. ..	20 8 0	,,	1,833	
1,900 ,,	Ornamental parapets, stock bricks in chunam ..	25 0 0	,,	2,738	
226 ,,	Flat arch work, stock bricks in chunam ..	22 8 0	,,	475	
630 ,,	Circular archwork do.	23 8 0	,,	51	
273 R. ft.	Cornice work do.	0 5 0	R. ft.	148	
179 c ft.	Cut-stone work	2 0 0	C. ft.	85	
2,942 sq. ft.	Cuddapah slabs for cornice including fixing and pointing with cement	24 8 0	100 sq. feet	358	
579 c. ft.	Teak wood wrought and put up	3 8 0	C. ft.	721	
4,818 sq. ft.	Terracing with brick on edge jelly 3" thick, 3 courses of flat tiles and 3 coats of plastering on top and ceiling	27 0 0	100 sq. feet	2,026	
256 ,,	Teak wood panel and venetian doors with frames 3½" × 5" hinges, hooks and other fittings complete	1 1 0	c. ft.	1,301	
36 ,,	Teak wood panel and venetian doors with glazed top frames 3½" × 5", hinges and other fittings complete	1 2 0	,,	272	
100 ,,	Teak panel doors with frames 3½" × 5" hinges, and other fittings complete	0 14 0	,,	41	
32 ,,	Iron grated doors with battened shutters and fittings, &c., to property room	2 7 0	,,	166	
128 ,,	Iron grated door with frames, strong iron fastenings, &c., to wards	1 13 0	,,	78	
120 ,,	Iron grated windows with venetian shutters, frames, and other fittings complete	2 8 0	,,	232	
305 ,,	Iron grated windows with venetian shutters and glazed top	2 5 0	,,	305	
32 ,,	Fixed glazed ventilators with frames, complete ..	1 2 0	,,	763	
				36	

Estimate Form—Abstract—cont.

Quantity.	Description of work.	Rate or unit of measurement.	Per.	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
184 sq. ft.	Fixed wire netting ventilators with frames, complete	0 11 0	Sq. ft.	92	
24 ,,	Fixed louvre ventilators leaded in stone blocks to jail wards	2 8 0	,,	60	
5,788 c. ft.	Filling in basement	0 5 0	1,000 c. ft.	29	
4,590 sq. ft.	Levelling course of concrete 6" thick under flooring	0 2 0	100 sq. ft.	91	
4,283 ,,	Flooring with 8" square bricks in chunam and pointing with Portland cement	0 3 0	,,	85	
988 ,,	Flooring with asphalte 1" thick well rubbed over.	0 3 0	,,		
11,867 ,,	Plastering with 2 coats of chunam, polished inside.	2 0 0	,,	237	
12,361 ,,	Pointing with tar and asphalte	2 8 0	,,	309	
3,053 ,,	Painting doors and windows with 3 coats of Carson's oak paint	2 12 0	,,	84	
4,019 ,,	Painting wood work with 3 coats of zinc white paint	2 12 0	,,	111	
23 R. ft.	Teak wood turned rails for dais	1 8 0	R. ft.	35	
1 No.	Spiral stair case to be built of masonry with plastering complete, 5' diameter and 19' in height ..	..	..	100	
..	Masonry drain from inside of courtyard to the nearest nullah or side drain of the road ..	..	..	20	
2 ,,	Iron grating to the above	0 8 0	Each	1	
1 ,,	Teak wood punkah, 19' feet long with brown hollowed fringes, brass wheels, hooks and other fittings including suspenders and pulling ropes, &c., complete	20 0 0	..	20	
					14,601
..	Petty supervision at 2½ per cent.	..	..	367	
..	Contingencies at 5 per cent.	..	..	732	
					1,099
	Grand total of estimate ..	..	..	..	15,700

Chepâk,
15th May 1891.

(Signed) H. IRWIN,
Consulting Architect to Government.

REVISED STANDARD DESIGN FOR A DEPUTY TAHSILDAR'S CUTCHERRY WITH TILED ROOFING ACCORDING TO DRAWING SIGNED BY THE CONSULTING ARCHITECT ON 15TH MAY 1891.

Descriptive Specification.

Foundation.—A depth of 5 feet is provided in the quantities, but this should be settled locally in accordance with the nature of soil.

Walling.—The walls should be carried up in English bond according to the various thicknesses and heights shown on the drawing, 2 bricks and 1½ bricks thick.

Stone-work.—Fix stone blocks 12" × 12" × 12" with mortice holes 2 inches square and 2 inches deep cut into them into which the verandah posts will be tenoned. Slabs will also be placed at the bearings of trusses. The steps may also be of stone, if procurable without great expense.

Wood-work.—The trusses and verandah posts should be of well seasoned Burma teak, the rafters and minor roof timbers may be of approved country wood, proof against white-ants.

The verandah posts may be of stone, if procurable without great expense.

Doors and windows.—The doors and windows to be of well-seasoned Burma teak-wood. All doors opening into verandahs will be of 6 panel and 6 venetian upper doors to be pannelled throughout. Iron-grated shutters with strong batten shutters outside are provided for the property room. Jail wards provided with iron-grated shutters only. The arms and record-rooms provided with strong battened shutters. The windows for the record, property, arm, and police guard-rooms will have venetianed shutters opening outside with fixed glazed heads and 1-inch square iron bars set diagonally. The ventilators will consist of Cuddapah or any other similar slats set as venetians with clear space of about 6 inches between; the back of the ventilators will have galvanized iron wire-netting half inch mesh in teak frames to prevent bats or birds from entering. The ventilators at back of courts will be fixed glazed sashes

3/22/9

to throw light on the Judges' seat. The ventilators for jail wards will consist of iron-grating leaded into stone blocks and firmly set in the wall.

Roofing.—The roof will be covered with flat and plan-tiles; if the quality of these are good, the usual unsightly "chunam bands" might be dispensed with. All valleys should be protected with sheet lead. If Mangalore tiles are used a ceiling of ½-inch teak planking should be placed under rafters.

Flooring.—The floor may be laid with square bricks on 6 inches concrete or stone slabs, if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand; asphalte flooring is provided for the record-room and jail wards.

Interior and exterior finishing.—The interior walls will be fine plastered with shell lime and polished or plastered and white-washed. Where good bricks and stones are obtainable, the exterior should be pointed. Black pointing for brick-work with a composition of asphalte, tar and sand neatly executed is preferable, as it shows the brick-work to advantage and is very durable. In damp soil the plinth and interior walls to a height of about 3 feet should also be plastered with cement.

The different kinds of work to be done will be executed in general accordance with the standard specification of the Public Works Department.

(Signed) H. IRWIN,
Consulting Architect to Government.

Estimate Form—Detail measurements.

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents	Total quantity of each description of work.
1	2	3	4	5	6	7
Excavation for foundation.						
Court wall, four sides	1	92 0	4 0	5 0	1,840	
Dais	1	17 0				
Do. steps	2	3 0				
		23 0	2 0	0 9	35	
Clerks', private and inspector's room, three sides	2	67 6				
Cross walls	1	13 6				
Record room, three sides	1	68 6				
Police guard, arms and property room, three sides	..	122 3				
Cross wall	..	13 6				
		352 9	4 0	5 0	7,055	
Cross wall	2	13 6				
Jail wards, front and rear walls	2	34 6	3 7½	5 0	489	
End wall to jail wards	1	27 0				
		96 0	4 0	5 0	1,920	
Cross walls to jail wards	2	13 6				
Verandah all round	1	165 0				
Do. to courtyard	2	34 6				
		274 6	3 7½	5 0	4,975	
Steps, front	1	18 6				
Do. rear	1	5 6				
	1	6 0				
		30 0	2 3	0 9	51	
Steps to courtyard	1	7 3				
	1	6 3				
	..	6 6				
		20 0	1 3	0 9	19	
Total, Cubic feet ..	..	..	..	..	..	16,384

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work
1	2	3	4	5	6	7
Concrete.						
Court wall, four sides	1	92 0	4 0	2 0	736	
Dais	1	19 0				
Do. steps	2	4 0				
		27 0	2 0	0 9	41	
Clerks', private, and inspector's rooms, three sides	2	67 6				
Cross wall	1	13 6				
Record room, three sides	1	68 6				
Police guard, arms, and property rooms, three sides	1	122 3				
Cross walls	1	13 6				
		362 9	4 0	2 0	2,872	
Cross walls	2	13 6	3 7½	2 0	196	
Jail wards, front and rear walls	2	44 6				
End wall to jail wards	1	27 0				
		96 0	4 0	2 0	768	
Cross wall to jail wards	3	43 6				
Verandah, all round	1	165 0				
Do. to courtyard	2	34 6				
		274 6	3 7½	2 0	1,990	
Steps, front	1	18 6				
Do. rear	1	6 6				
	1	7 0				
		32 0	3 3	0 9	78	
Step to courtyard	..	8 3				
	..	7 3				
	..	6 6				
		22 0	2 3	0 9	37	
Total, Cubic feet ..	..	..	..	..	..	6,668
Brick-work in foundations.						
Footings—						
Court wall, four sides	1	92 0				
Clerks', private and inspector's room, three sides	2	68 9				
Cross wall	1	14 9				
Record room, three sides	1	69 9				
Police guard, arms, and property room, three sides	1	123 6				
Cross wall	1	14 9				
		452 3	2 9	1 6	1,867	
Cross wall	2	14 9				
Jail wards, front and rear walls ..	2	35 9	2 4½	1 6	105	
End wall to jail wards	1	27 0				
		98 6	2 9	1 6	406	
Cross walls to jail wards	3	14 9				
Verandah, all round	1	166 3				
Do. to courtyard	2	35 9				
		282 0	2 4½	1 6	1,905	
Above footings to ground level—						
Court wall, four sides	1	92 0				
Clerks', private, and inspector's rooms, three sides	2	69 6				
Cross wall	1	15 6				
Record room, three sides	1	70 6	2 0	1 6	1,370	
Police guard, arms, and property room, three sides	1	124 3				
Cross wall	1	15 6				
	..	456 9				

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work
1	2	3	4	5	6	7
Brick-work in foundations—cont.						
Above footings to ground level—*cont.*						
Cross wall	1	15 6	1 7½	1 6	76	
Jail wards, front and rear walls ..	2	36 6				
End wall of do. do. ..	1	27 0				
		100 0	2 0	1 6	300	
Cross walls to front and rear	3	15 6				
Verandah, all round	1	167 0				
Do. to courtyard	2	36 6				
		286 0	1 7½	1 6	697	
Basement—						
Court wall, four sides	1	92 0	2 0	2 0	368	
Dais	1	19 0	1 6	2 0	57	
Do. steps	2	4 0	2 0	2 0	32	
Clerks', private, and inspector's room, three sides	2	69 6				
Cross wall	1	15 6				
Record room, three sides	1	70 6				
Police guard, arms, and property room, three sides	1	124 3				
Cross wall	1	15 6				
		364 9	2 0	2 0	1,459	
Cross wall	2	15 6	1 7½	2 0	101	
Jail wards, front and rear walls ..	2	36 6				
End walls to jail wards	1	27 0				
		100 0	2 0	1 6	300	
Cross walls to jail wards	3	15 6				
Verandah, all round	1	167 0				
Do. to courtyards	2	36 6				
		286 0	1 7½	2 0	930	
Step, front	1	15 0	1 6	1 0	38	
Do. rear	1	4 9				
	1	5 3				
Do. courtyards	1	8 0	1 6	0 6	12	
	1	6 0				
	1	7 0				
Total, Cubic feet, foundation and basement	..	..	..	..	..	9,223
Superstructure.						
Court wall, four sides	1	92 0	1 6	18 7½	2,570	
Dais	1	19 9	1 3	1 6	37	
Do. steps	2	4 0	2 0	0 9	12	
Gables, front and rear	2	21 0	1 6	3 6	221	
Do. sides	2	9 0	1 6	1 6	41	
Clerks', private, and inspector's room, three sides	2	70 0				
Cross wall	1	16 0				
		156 0	1 6	15 6	2,627	
Gables	3	19 0	1 6	3 0	257	
Record room, three sides	1	71 0				
Police guard, arms, and property rooms, three sides	1	124 9				
Cross wall	1	16 0				
		211 9	1 6	12 0	3,812	
Cross wall	2	16 0	1 1½	12 0	432	
Jail wards, front and rear walls ..	3	37 0	1 6	12 0	1,332	
End wall to jail wards	1	19 0	1 6	12 0	342	
	1	8 0	1 6	9 6	114	
Cross wall to do.	3	16 0	1 1½	12 0	648	
Gables	5	19 0	1 6	3 0	428	
	5	19 0	1 1½	3 0	321	

Estimate Form.—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Superstructure—cont.						
String, course, over door to police guard	1	5 6	..	..	..	
Do. over windows	5	5 6	..	..	..	
Do. do. to record room	10	3 6	..	..	..	
Do. ventilator to court	1	5 6	..	..	..	
Do. do. to end walls	4	5 6	..	..	..	
	2	5 6	..	..	..	
Deductions—	..	117 6	0 3	0 3	..	13,201
Doors	17	4 0	1 6	8 0	816	
Do. with glazed tops	1	4 0	1 1½	8 0	36	
Windows	1	4 6	1 6	9 0	54	
Do. recess	6	5 0	1 6	5 0	180	
Do. with glazed top	6	4 6	0 9	3 0	54	
Do. recess	6	5 7	1 6	6 6	234	
Do. to record room	6	4 6	0 9	2 6	45	
Do. recess	10	2 0	1 6	6 3	188	
Ventilator to court and end rooms	10	2 0	0 9	2 6	38	
Do. to jail wards	6	4 0	1 6	4 0	144	
Archways to police guard, rectangular portion	11	4 0	1 6	1 6	99	
Semi-circular portion	4	4 6	1 6	1 6	36	
Archways to police guard	1	6 0	1 6	5 0	45	
Semi-circular portion	1	14 1½	area.	1 6	21	
Archways to passage	1	4 7	1 6	6 0	36	
Semi-circular portion	1	6 3	area.	1 6	9	
Archwork as per details	1	5 7½	1 6	6 0	51	
	1	12 4½	area.	1 6	19	
Total, Cubic feet of superstructure	..	..	..	..	544	2,649
	..	..	..	..	..	10,552
Flat Arch work.						
Doors	17	5 6	1 6	1 1½	158	
Windows	1	5 6	1 1½	1 1½	7	
Do. to record room	12	5 6	1 6	1 1½	111	
Ventilators to court and end gable	10	3 6	1 6	1 1½	59	
	6	5 6	1 6	1 1½	56	
	11	5 6	1 6	1 1½	102	
Total, Cubic feet	..	..	..	..	..	493
Circular Arch work.						
Archway to police guard	1	11 3	1 6	1 1½	18	
Do. to passage	1	8 0	1 6	1 1½	14	
	1	10 7½	1 6	1 1½	18	
Total, Cubic feet	..	..	..	..	..	51
Cut stonework.						
Slabs under trusses to court	4	1 6	..	..	..	
Do. do. to clerks' room	4	1 6	..	..	..	
Do. do. to police guard	2	1 6	..	..	..	
Do. do. to property room	2	1 6	..	..	..	
Do. do. to record room	4	1 6	..	..	..	
	..	24 0	1 6	0 4	12	
Slabs under trusses to steps	1	18 0	3 0	0 6	47	
Do. do. to back	1	6 3				
	1	6 9				
	..	31 0	..	..	..	
Slabs under trusses to courtyard	..	8 0	2 0	0 6	21	
	1	7 0				
	1	6 0				
Stone for posts	41	1 0	1 0	1 0	41	
Total, Cubic feet	..	..	..	..	..	121
Cuddapah slabs 2 inch thick.						
Ventilators to court	2	5 0	..	..	..	
Do. small	11	2 0	..	..	..	
	..	32 0	5 0	1 6	240	240

Estimate Form.—Detail measurement—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Teakwood, wrought, and put up.						
Two trusses, 18 feet span—						
Principal rafters	4	12 0	0 4	0 6½	9	
Tie beams	2	21 0	0 4	0 7½	9	
Struts	4	5 6	0 4	0 4	2	
Block on head of truss	2	1 3	0 6	0 9	1	
Six trusses, 16 feet span—						
Principal rafters	12	10 0	0 4	0 5½	18	
Tie beams	6	19 0	0 4	0 6	19	
Struts	12	5 6	0 4	0 4	7	
Block on head of truss	6	1 3	0 6	0 9	3	
Court—						
Purlins	2	33 0	0 5	0 7	16	
Wall purlins	2	33 0	0 3	0 7	10	
Ridge beam	1	33 0	0 3	0 8	6	
Common rafters	42	14 0	0 3	0 4	49	
Clerks', private, and inspector's room—						
Purlins	4	31 0	0 5	0 7	30	
Wall purlins	4	31 0	0 3	0 7	18	
Ridge beam	2	34 0	0 3	0 8	11	
Common rafters	2 × 42	13 6	0 3	0 4	95	
Hip rafters	4	9 0	0 3	0 6	5	
Jack rafters	8	5 0	0 3	0 4	3	
Record room—						
Purlins	2	31 0	0 4	0 6	10	
Wall purlins	2	31 0	0 3	0 6	8	
Ridge beam	1	31 0	0 3	0 7	5	
Common rafters	40	13 6	0 2¾	0 4	38	
Police guard, arms, passage, and property room—						
Purlins	2	57 1½	0 4	0 6	19	
Wall purlins	2	57 1½	0 3	0 6	14	
Ridge beam	1	57 1½	0 3	0 7	8	
Common rafters	76	13 6	0 2¾	0 4	71	
Jail wards—						
Purlins	2	46 0	0 4	0 6	15	
Wall purlins	2	42 0	0 3	0 6	11	
Ridge beam	1	50 0	0 3	0 7	7	
Common rafters	52	13 6	0 2¾	0 4	49	
Hip rafters	2	17 0	0 3	0 6	4	
Jack rafters	8	6 9	0 2½	0 4	4	
Verandah—						
Posts	41	6 0	0 6	0 6	62	
Cap over posts	41	1 0	1 0	0 6	21	
Bressummer to verandah	1	176 0	0 5	0 6	37	
Do. courtyard	2	39 0	0 5	0 6	16	
Rafters	75	10 6	0 3	0 4½	74	
Do courtyard	2 × 26	10 6	0 3	0 4½	51	
Hip rafters to verandah	6	13 6	0 3	0 6	10	
Jack do. do.	48	5 6	0 3	0 4½	25	
Wall plate to verandah	..	131 0	0 3	0 3	8	
Do. to courtyard	..	38 0	0 3	0 3	2	
Eave planks for rafters to verandah	..	187 6	..	..	..	
Do. to courtyard	2	37 0	..	..	..	
Do. main walls to court	2	17 0	..	..	..	
Do. do. to clerks', private, and inspector's room	2	58 0	..	..	..	
Do. record room around	1	84 0	..	..	..	
Do. police guard	1	112 9	..	..	..	
Do. jail wards, back	1	38 6	..	..	..	
	..	646 9	0 1	0 7	31	
Barge board to court	2	30 0	..	..	..	
Do. to end rooms	2	28 0	..	..	..	
Do. to record rooms and jail wards	3	28 0	..	..	..	
	28	1 6	..	..	..	
	7	3 0	..	..	..	
	..	263 0	0 1	0 9	16	
Total, Cubic feet	..	..	..	..	..	927
Wrought iron works.						
1" diameter, King rod for 18' trusses	2	8 0	..	2·62	42	
1" hexagon nut and heads to do.	2	..	..	1·10	2	
3" × 3" × ¼" thick washers	6	..	..	·32	2	
1½" × ⅜" heel straps	4	3 0	..	2·50	30	
1½" × ½" bearing plates	4	0 6¾	..	2·50	6	

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5		7
Wrought iron works—cont.						
⅝" hexagon nuts						
Caps of ⅜" plates, 6" wide	8	..	..	·267	2	
⅞" diameter king rod 16 feet trusses ..	2	2 0	..	7·51	26	
⅞" diameter hexagon nut and heads to trusses.	6	7 6	..	2·01	54	
3" × 3" × ⅜" thick washers	6	..	..	0·73	4	
1½" × ⅜" heel straps	18	..	..	0·33	6	
1½" × ⅜" bearing plates	12	2 6	..	1·87	56	
⅝" hexagon nuts	12	0 6½	..	1·37	13	
Caps of ⅜" plates, 6" wide	24	..	..	·257	6	
Pin for posts 1" diameter	6	2 4	..	7·51	105	
Holding-down bolts at ends of each truss ⅞" diameter	41	1 3	..	2·62	134	
Head and nuts to do.	16	1 9	..	·656	18	
	16	..	..	·128	2	
Total, lbs. ..	..	..	..	..	..	542
Tiled roofing with flat and pan tiles including teak reepers.						
Court	1	32 0	30 0	..	960	
Clerks', private and inspector's room ..	2	29 0	28 0	..	1,624	
Record-room	1	29 6	28 0	..	826	
Police guard, arms, passage and property room	1	56 4½	28 6	..	1,579	
Jail wards	1	39 6	28 0	..	1,106	
Verandah front	1	153 0	10 6	..	1,607	
Do. courtyard	2	37 0	10 6	..	777	
Total, Square feet ..	..	..	..	..	..	8,479
Doors.						
Teak panel and venetian doors with frames and iron fittings, &c.	8	4 0	..	8 0	Sq. ft. 256	256
Teak panel and venetian doors with glazed top frames and iron fittings, &c.	1	4 0	..	9 0	,, 36	36
Teak panelled doors with frames and fittings, &c.	5	4 0	..	8 0	,, 160	160
Iron-grated door with battened shutters and fittings	1	4 0	..	8 0	,, 32	32
Iron-grated door without shutters ..	4	4 0	..	8 0	,, 128	128
Windows.						
Iron-grated windows with venetian shutters and frames and fittings	6	4 0	..	5 0	,, 120	120
Iron-grated windows with venetian shutters and glazed top	6	4 0	..	6 9	162	
Do. do. do. ..	10	2 0	..	6 3	125	
Total, Square feet ..	..	..	..	..	..	287
Ventilators.						
Fixed glazed ventilators with frames complete to court	2	4 0	..	4 0	32	
Fixed glazed ventilators to end rooms ..	2	4 0	..	4 0	32	
Total, Square feet ..	..	..	..	..	..	64
Fixed wire-netting ventilators with frames complete	2	4 0	..	4 0	32	
Do. do. do. ..	11	4 0	..	1 6	66	
Total, Square feet ..	..	..	..	..	..	98
Fixed iron ventilators leaded in stone blocks to jail wards	4	4 0	..	1 6	Sq. ft. 24	24
Filling in basement—						
Court	1	24 6	17 6	1 6	643	
Dais	1	5 9	5 6	1 6	47	
Clerks' room	1	25 0	..	..	..	
Private do.	1	11 6	..	..	..	
Inspectors' room	1	11 6	..	..	..	
Record do.	1	25 6	..	..	..	
Police guard	1	14 10½	..	..	..	
Arms and records	1	11 7½	..	..	..	
Passage	1	5 1½	..	..	..	
Property room	1	15 6	..	..	..	
Jail wards	4	7 10½	..	..	..	
	..	152 3	15 6	1 6	3,640	

31/12/12

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Ventilators—cont.						
Verandah	1	139 6	5 6	1 6	1,151	
Do. to courtyard	2	36 6	5 6	1 6	602	
Total, Cubic feet ..	..	..	..	..	..	6,083
Levelling course of concrete 6" thick under flooring.						
Court	1	24 6	17 6	..	429	
Clerk's room	1	25 0	..	..	..	
Private do	1	11 6	..	..	..	
Inspector's room	1	11 6	..	..	..	
Record do.	1	25 6	..	..	..	
Police guard	1	14 10½	..	..	..	
Arms and records	1	11 7½	..	..	..	
Passage	1	5 1½	..	..	..	
	..	105 1½	15 6	..	1,629	
Property room	1	15 6	..	..	..	
Jail wards	4	7 10⅞	..	..	..	
		47 1½	15 6	..	730	
Verandah	1	139 6	5 6	..	767	
Do. courtyard	2	36 6	5 6	..	402	
Courtyard	1	36 6	21 4½	..	780	
Deduct for steps	..	21 0	2 0	..	42	
Total, Square feet ..	..	..	..	..	..	4,695
Flooring 8" square bricks-in-chunam and pointing with Portland cement.						
Court	1	25 0	18 0	..	450	
Clerk's room	1	25 6	16 0	..	408	
Private do.	1	12 0	16 0	..	192	
Inspector's room	1	12 0	16 0	..	192	
Police guard	1	15 4½	16 0	..	246	
Arms and records	1	12 1½	16 0	..	194	
Passage	1	5 7½	16 0	..	90	
Property room	1	16 0	16 0	..	256	
Verandah	1	145 6	7 0	..	1,019	
Do. to courtyard	2	37 0	7 0	..	518	
Courtyard	1	36 6	21 4½	..	780	
Doorway	15	4 0	1 0	..	60	
Recess to windows	11	4 0	0 9	..	33	
Archway	1	6 0	1 9	..	11	
	1	4 0	1 6	..	6	
Do. to passage	1	5 7½	1 6	..	8	
Deduct—						
Stone for post	41	1 0	1 0	..	41	4,463
Total, Square feet ..	..	..	..	..	..	41
						4,422
Flooring with Asphalte ½" thick.						
Record room	1	26 0	16 0	..	416	
Recess to windows	10	2 0	0 9	..	15	
	1	4 0	0 9	..	3	
Jail wards	4	8 4⅞	16 0	..	538	
Doorway	4	4 0	1 0	..	16	
Total, Square feet ..	..	..	..	..	..	988
Plastering interior 2 coats.						
Court	1	86 0	..	18 7½	1,602	
Dais sides	2	7 0	..	1 6	21	
Gable ends	2	18 0	..	3 6	126	
Clerk's room	1	83 0	..	15 6	3,023	
Private and inspector's rooms	2	56 0	..	3 0	96	
Gable ends	6	16 0	..			

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of works.
1	2	3	4	5	6	7
Plastering interior 2 coats—cont.						
Record room	1	84 0				
Police guard	1	62 9				
Arms and record room	1	56 3				
Passage	1	43 3	..	12 0	6,066	
Property room	1	43 3				
Jail wards	1	64 0				
Gable ends	4	48 9½				
Door jambs and soffits	19	16 0	..	3 0	912	
Do. police guard	17	20 0	..	1 6	510	
Do. do.	1	20 0	..	1 1½	23	
Archways to police guard	1	22 0	..	1 6	33	
Do. do.	1	19 6	..	1 6	29	
Do. do. to passage	1	18 3	..	1 6	27	
Window jambs and soffits	1	20 6	..	1 6	31	
Do. do.	6	14 0	..	1 6	126	
Do. record room	6	17 0	..	1 6	153	
Do. recess	10	14 6	..	1 6	218	
Do. do.	6 × 2	3 0	..	0 9	27	
Ventilator jambs, sills and soffits, to court and end rooms	16 × 2	2 5	..	0 9	60	
Ventilator jambs	6	16 0	..	1 6	144	
	15	11 0	..	1 6	248	
						13,475
Deduction—						
Doors	12	4 0	..	8 0	384	
Do.	6	4 0	2 6	8 0	384	
Do. to police guard	1	4 0	..	9 0	36	
Archways—						
Rectangular portion to police guard	1	6 0	..	5 0	30	
Semi-circular portion	1	14 1½	Area.	..	14	
Rectangular portion to police guard	1	4 0	..	6 0	24	
Semi-circular portion	1	6 3	Area. ½	..	6	
Rectangular portion to passage	1	5 7½	..	6 0	34	
Semi-circular portion	1	12 4½	Area.	..	12	
Windows	6	4 0	..	5 0	120	
Do. with glazed top	6	4 0	..	6 6	156	
Do. to record room	10	2 0	..	6 3	125	
Ventilators to court and end room	6	4 0	..	4 0	96	
Do.	15	4 0	..	1 6	90	
						1,511
Total, Square feet	..	..	..	..	..	11,964
Pointing exterior.						
All round the basement	1	340 1½	..	2 0	680	
Do. courtyard	..	115 9	..	1 6	174	
Court—						
Front and rear with gable	2	21 0	..	22 0	924	
Sides	2	9 0	..	18 7½	335	
	2	3 0	..	2 0	12	
Clerks', private and inspector's room—						
Front	2	27 0	..	15 6	837	
	2	8 0	..	15 6	248	
Rear	2	4 0	..	4 0	32	
End wall with gable	2	19 0	..	18 6	703	
Record room, two sides	1	45 0	..	12 0	540	
Do. gable	1	19 0	..	3 0	57	
Police guard, arms and property rooms—						
Two sides	1	73 4½	..	12 0	879	
Jail wards—						
Back wall	1	38 6	..	12 0	462	
Do. end wall	1	27 0	..	12 0	324	
Gable	1	19 0	..	3 0	57	
Courtyard—						
Front wall of jail wards	1	37 0	..	12 0	444	
Side wall of record and police guard room, &c.	2	35 4½	..	12 0	849	
						7,557
Deduction—						
Doors	12	4 0	..	8 0	384	
Do. to police guard	1	4 0	..	9 0	36	
Windows	6	4 0	..	5 0	120	
Do. with glazed top	6	4 0	..	6 6	156	
Do. record room	10	2 0	..	6 3	125	
Ventilators	6	4 0	..	4 0	96	
Do.	15	4 0	..	1 6	90	
Archwork to police guard—						
Rectangular portion	1	6 0	..	5 0	30	
Semi-circular portion	1	14 1½	Area.	..	14	
Rectangular portion	1	4 0	..	6 0	24	
Semi-circular portion	1	6 3	Area.	..	6	

Estimate Form—Detail measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Deduction—*cont.*						
Archwork to passage—						
Rectangular portion	1	5 7½	..	6 0	34	
Semi-circular do.	1	12 4½	Area.	..	12	
Total, Square feet	..	..	..	..	..	1,127
	..	..	..	..	..	6,430
Painting doors and windows.				Times.		
Panel and venetian doors	8	4 0				
Do. with glazed top	1	4 0	2⅜	8 0	704	
Panelled doors	5	4 0	2½	9 0	99	
Iron-grated door with battened shutters	1	4 0	2½	8 0	360	
Do. do. without shutters	4	4 0	2¾	8 0	88	
Do. windows with venetian shutters	6	4 0	..	8 0	128	
Do. do. with glazed top	6	4 0	3⅛	5 0	420	
	10	2 0	3¼	6 9	594	
Fixed glazed ventilators	4	4 0	3¾	6 3	406	
Do. wire-netting do.	2	4 0	..	4 0	64	
Do. iron ventilators	11	4 0	..	4 0	32	
	4	4 0	..	1 6	66	
Total, Square feet	..	..	..	1 6	24	
	..	..	..	..	..	2,985
Painting wood-work with 3 coats of zinc white paint.						
2 trusses, 18″ span—						
Principal rafters	4	11 0	..	1 5	62	
Tie beams	2	18 0	..	1 7	57	
Struts	4	5 3	..	1 4	26	
Block on head of truss	2	2 6	..	1 3	6	
6 trusses, 16′ span—						
Principal rafters	12	9 6				
Tie beams	6	16 0	..	1 3	143	
Struts	12	5 0	..	1 4	128	
Block on head of trusses	6	2 6	..	1 4	80	
Court—				1 3	19	
Purlins	2	29 0				
Wall purlins	2	29 0	..	1 7	92	
Ridge beam	1	29 0	..	1 5	82	
Common rafters	42	13 6	..	1 7	46	
Clerk's room—				0 11	520	
Purlins	2	27 6				
Wall purlins	2	27 6	..	1 7	87	
Ridge beam	1	27 6	..	1 5	78	
Common rafters	42	12 0	..	1 7	43	
Hip rafters	2	8 0	..	0 11	462	
Jack rafters	4	4 0	..	1 3	20	
Private room—				0 11	15	
Purlins	2	12 0				
Wall purlins	2	12 0	..	1 7	38	
Ridge beam	1	12 0	..	1 5	34	
Common rafters	18	12 0	..	1 7	19	
Inspector's room—				0 11	198	
Purlins	2	14 0				
Wall purlins	2	14 0	..	1 7	44	
Ridge beam	1	14 0	..	1 5	40	
Common rafters	22	12 0	..	1 7	22	
Record room—				0 11	242	
Purlins	2	26 0				
Wall purlins	2	26 0	..	1 4	69	
Ridge beam	1	26 0	..	1 3	65	
Common rafters	40	12 0	..	1 5	37	
Police guard, arms, passage and property room—				0 10½	420	
Purlins	2	51 1½				
Wall purlins	2	51 1½	..	1 4	136	
Ridge beam	2	51 1½	..	1 3	128	
Common rafters	76	12 0	..	1 5	145	
Jail wards—				0 10½	798	
Purlins	2	35 7				
Wall purlins	2	35 7	..	1 4	95	
Ridge beam	1	35 7	..	1 3	89	
Common rafters	52	12 0	..	1 5	50	
Hip rafters	2	15 0	..	0 10½	546	
Jack do.	8	6 0	..	1 3	38	
				0 10½	42	

Estimate Form—Detail measurements—*con*

Detail of work.	Number.	Measurements in feet			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Painting wood-work with 3 coats of zinc white paint—cont.						
Verandah—						
Posts	41	5 9	..	2 0	472	
Cap over posts	41	3 0	..	0 6	62	
Bressummers to verandah	1	170 0	..	1 5	241	
Do. to courtyard	2	37 0	..	1 5	105	
Rafters	75	10 0	..	1 0	750	
Do. to courtyard	52	10 0	..	1 0	520	
Hip rafters to verandah	6	13 0	..	1 3	98	
Jack rafters	48	5 0	..	1 0	240	
Eave planks to verandah	1	187 6	..	1 3	234	
Do. to courtyard	2	37 0	..	1 3	93	
Eave plank main walls to court	2	17 0	..	1 3	43	
Do. do. to clerks', private and inspector's room	2	58 0	..	1 3	145	
Eave plank record-room around	1	84 0	..	1 3	105	
Do. police guard	1	112 9	..	1 3	141	
Do. jail wards back	1	38 6	..	1 3	48	
Barge board to court	2	30 0	}			
Do. to end room	2	26 0				
Do. record-room and jail wards	3	26 0	..	1 7	401	
	28	1 6				
	7	3 0				
		253 0				
Reepers	..	..	..	..	3,875	
Total, Square feet	..	..	..	..		12,834
Lead shutting for valleys	6	12 0	1 6	5 lbs. per sq. feet.	lbs. 540	540
Teakwood turned rails for dais	1	23 0	..	..	Rg. ft. 23	23
Running feet of masonry drain from inside of courtyard to the nearest nullah or side drain					Rs. 20	20
Iron grating to the above	2	..	..	..	No. 2	2
Punkah, 10 feet long	1	..	..	..	No. 1	1

Estimate Form—Abstract.

Quantity.	Description of work.	Rate as per Presidency schedule.	Per	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
16,384 C. ft.	Excavation for foundation	4 10 0	1,000 C. ft.	76	
6,668 ,,	Concrete broken vitrified bricks-in-chunam	14 0 0	100 ,,	934	
9,223 ,,	Foundation and basement with stock bricks-in-chunam	19 8 0	..	1,798	
10,552 ,,	Superstructure do. do.	20 8 0	..	2,163	
493 ,,	Flat archwork do. do.	22 8 0	..	111	
51 ,,	Circular archwork do. do.	23 8 0	..	12	
121 ,,	Cut-stone work do. do.	2 0 0	..	242	
240 Sq. ft.	Cuddapah slabs for ventilators including fixing and pointing with cement	24 8 0	100 Sq. ft.	59	
927 C. ft.	Teakwood wrought and put up	3 8 0	C. ft.	3,245	
542 lb.	Wrought iron work for trusses	0 3 0	lb.	102	
8,479 Sq. ft.	Tiled roofing with flat and pan tiles including teak reepers	14 1 0	100 Sq. ft.	1,192	
256 ,,	Teakwood panel and venetian doors with frames $3\frac{1}{2}'' \times 5''$ hinges, hooks and other fittings complete	1 1 0	Sq. ft.	272	
36 ,,	Teakwood panel and venitian doors with glazed top frames $3\frac{1}{2}'' \times 5''$ hinges and other fittings complete	1 2 0	..	41	
160 ,,	Teakwood panel doors with frames $3\frac{1}{2}'' \times 5''$ hinges and other fittings complete	0 14 0	..	140	
32 ,,	Iron-grated door with battened shutters and fittings, &c., to property room	2 7 0	Sq. ft.	78	
128 ,,	Iron-grated door with frames strong iron fastenings, &c., to wards	1 13 0	..	232	
120 ,,	Iron-grated windows with venetian shutters, frames and other fittings complete	2 8 0	..	300	
287 ,,	Iron-grated windows with glazed top	2 8 0	..	718	

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate as per Presidency schedule.	Per	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
64 Sq. ft.	Fixed glazed ventilators with frames, &c., complete	1 2 0	..	96	
98 ,,	Fixed wire-netting ventilators with frames complete	0 11 0	..	67	
24 ,,	Fixed iron ventilators leaded in stone blocks to jail wards	2 8 0	..	60	
6,083 C. ft.	Filling in basement	5 0 0	1,000 C. ft.	30	
4,695 Sq. ft.	Levelling course of concrete 6″ thick under flooring	7 0 0	100 Sq. ft.	329	
4,422 ,,	Flooring with 8″ square bricks-in-chunam and pointing with Portland cement	7 3 0	..	318	
988 ,,	Flooring with asphalte $\frac{3}{4}''$ thick well rubbed over.	17 5 0	..	171	
11,964 ,,	Plastering with 2 coats of chunam polished inside	2 8 0	100 Sq. ft.	299	
6,430 ,,	Pointing with tar and asphalte	2 8 0	..	161	
2,985 ,,	Painting doors and windows with 3 coats of Carson's oak paint	2 12 0	..	82	
12,834 ,,	Painting woodwork with 3 coats of zinc white paint	2 12 0	..	353	
540 lb.	Lead sheeting for valleys	0 3 0	lb.	101	
23 Rg. ft.	Teakwood turned rails for dais	1 8 0	R. ft.	35	
	Cost of masonry drain from inside of courtyard to the nearest nullah or side drain of the road.				
No. 2	Iron gratings to the above drain	0 8 0	..	20	
,, 1	Teakwood punkahs, 10 feet long, with brown holland fringes, brass wheels, hooks and other fittings including suspenders and pulling ropes, &c., complete	20 0 0	..	1	
				20	13,858
	Petty supervision	2 8 0	Per cent.	348	
	Contingencies	5 0 0	..	694	
					1,042
	Grand Total of Estimate	..	..	..	14,900

CHEPAK,
15th May 1891.

(Signed) H. IRWIN,
Consulting Architect to Government.

(189 /.)

REVENUE DEPARTMENT.

Current Number 4088

From

The Public Works Department

ABSTRACT.

Endorsement No 3529

Referred to the Commissioners of Land Revenue for remarks.

BOARD'S GOVT. R.O. No 1548 OF 1891
LAND REVENUE.

Assistant

Ag. asst Secretary

Octacamund 16 June 1891

To

The Comrs of Land Revs

with enclosure returned

Dated 25th May 1891

Received 26th —

Enclosures 8 (1 designs)

No. 253 D.

BOARD OF REVENUE
20 JUN. 91
MADRAS.

SUBJECT.

Forwarding standard designs & Schedule of quantities for a Dy. Tahsildar's Cutcherry with tiled & terraced roofing for approval

1548

BOARD OF REVENUE MADRAS

Proceedings of the Board of Revenue

(Land Revenue).

Dated 18 July 1891.

No. 5019 Mis

Read Endorsement of Government Revenue Department

dated 16th June 1891 No 3529

Resolution

The designs for Deputy Tahsildars Offices are resubmitted to Government with an expression of the Board's approval of them. The designs have been prepared in accordance with the Board's suggestions made to the Consulting Architect in a memo a copy of which has been already furnished to Government with Board's Proceedings Dated 12th May 1891 No. 3284.

2

2. The Inspector General of Police has been consulted as to the accommodation required for the Police and his recommendations have been duly attended to.

3. It is not known if Mr. Irwin ~~has consulted the Inspector General~~ of Jails as to the accommodation required for his department. The Board considers however that ample provision has been made for that department also.

(True Extract)

[illegible]
for Acting Secretary

To
The Secretary to Govt. N.P.
with Enclos: + designs retd.

3/22/17

(189/.)

REVENUE DEPARTMENT.

Current Number 5653.

G.O. 24-7-91: 1497 mis ✓
15-12-90. 2023 mis ✓
~~31-5-90: 624 R~~
~~18-11-90: 1206 R~~ ✓
~~8-1-91: 21 R~~ ✓

From

The Board of Revenue

(Land Revenue).

Dated 18th July 1891

Received 20th — " —

Enclosures

No. 5019

SUBJECT.

5.1 / P.W. 12/1821/91

Submg: with expression of Board's approval revised designs for Dy: Tahsildar Offices

Ry 13/8

ABSTRACT.

Endorsement No. 1390

Forwarded to the Judicial Department with the request that the Inspector General of Jails may be asked to state whether sufficient accommodation has been provided for the requirements of his Department in the proposed plan for Deputy Tahsildar's Cutcherries.

3122 W

R...

Ag. Under Secretary to Govt.

Ootacamund 8th August 1891

Recd. Aug. 1891. Enclos.

To the Judicial Dept. with the enclo. to be retd

Copy to the Commrs of L.R.

Referred to the Inspector General of Jails for remarks

Ootacamund 17th August 1891

By order,
...
Ag Under Secy.

Dy. N. 3/11 / 18-8-91

Annexure to G.O. No 3122 W of 20-11-91

Revised Standard Design for a Deputy Tahsildar's cutchery with terrace roofing according to drawing signed by the Consulting Architect to Govt on 15th May 1891.

3122/18

Descriptive Specification

Foundation — A depth of 5 feet is provided in the quantities but this should be settled locally in accordance with the nature of soil.

Walling — The walls should be carried up in English bond according to the various thicknesses & heights shown on the drawing, 2 bricks & 1½ bricks thick

Stone work. — Stone slabs should be placed at the bearing of all beams. The steps may also be of stone if procurable without great expense.

Wood work — The beams and joists may be of well seasoned Burmah teak or any other durable country wood, proof against white ants.

Doors and Windows — The doors and windows to be of well seasoned Burma Teakwood. All doors opening into Verandahs will be of ⅓ panel and ⅔ Venetians, Inner doors to be panelled throughout. Iron grated shutters with strong batten shutters outside are

are provided for the Property room. Jail Wards provided with Iron grated shutters only. The Arms and Records rooms provided with strong battened shutters. The windows for the Record, Property Arms & Police Guards rooms will have Venetioned Shutters opening outside with fixed glazed heads and done with square Iron bars set diagonally. The Ventilators will consist of Cuddapah or any other similar slabs set as partition with clear space of about 6" between, the back of the Ventilators will have galvanized iron wire netting half inch mesh on teak frames to prevent bats or birds from entering. The Ventilators at back of courts will be fixed glazed sashes to throw light on the Judges' seats.

The Ventilators for jail wards will consist of iron grating leaded into stone blocks and firmly set in the wall.

Bit Cuddapah or any other similar slabs Cornice resting on brick corbels may be fixed through out the building to the level of the terrace. This forms a simple and effective mode of treatment instead of the usual cornice. The rain water flowing over the Cuddapah slabs will fall clear of the building. The slabs to be well fitted joints neatly pointed with Portland Cement as shown in details. 31/2/19

Roofing — The roofing will consist of "punka terracing" care being taken that proper slopes are made for drainage towards the weep-holes.

Flooring — The floor may be laid with square bricks or 6" Concrete or stone slabs, if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand. Asphalte flooring is provided for Record room and Jail wards.

Internal and External finishing — The interior walls will be fine plastered with shell lime & polished or plastered & whitewashed. Where good bricks or stone are obtainable the exterior should be pointed. Black pointing for brick-work with a composition of asphalte tar and sand neatly executed, is preferable as it shows the brick work to advantage and is very durable. In damp soil the plinth & interior walls to a height of about 3 ft should also be plastered with cement.

The different kinds of work to be done will be executed in general accordance

accordance with the Standard Specification of the Public Works Department.

Henry Irwin
Consulting Architect
to Government.

15/5/91.

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements. 31/5/91

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Revised Standard design for Deputy Sheriffs Cutcherries						
Excavation for foundations						
Court walls & Sides	1	92—0	4—0	6—0	1840	
Dais	1	17—0				
Do Steps.	2	3—0	2—0	1—0	35	
		23—0				
Cutcherries private & Inspectors rooms 3 sides	2	67—6				
Cross walls	1	13—6				
Records room 3 sides	1	68—6				
Police guard, arms and Property room 3 sides	1	122—6				
Cross walls.	1	13—6				
		352—6	4—0	5—0	7055	
Do	2	13—6	3—7½	5—0	489	
Jail wards front & rear walls	2	34—6				
End walls to Do	1	27—0				
		96—0	4—0	5—0	1920	
Cross walls to Do	3	13—6				
Verandah all round.	1	164—6				
Do to Court yards.	2	34—6				
		276—0	3—7½	5—0	4966	
Tower.	1	10—0	3—4½	5—0	156	
Steps front	1	18—0				
do rear	1	5—6				
do do.	1	6—0				
		29—6	2—3	0—7	60	
	6	Cwt.			16011.	

10,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward.					1611.	
Steps to Court yard	1	13½				
do do	1	6–3				
do do	1	6–6				
		25 m½	3	0–9	24	
Total Cubic feet						16536.
Brickwork.						
Court wall 4 sides	1	92	4	0–2	736	
Dais	1	19–0				
do Steps	2	4–0				
		27	2	0–9	41	
Clerks private & Inspectors rooms 3 sides	2	67–6				
Cross wall	1	13–6				
Record room 3 sides	1	63–6				
Police Guard, arms & Property rooms 3 sides	1	172	2			
Cross walls	1	10–6				
		352–9	4	0–2	2822.	
Do	2	13–6	3	7½–2	196	
Jail wards front & rear walls	2	34–6				
End walls to do.	1	27–0				
		96	4	0–2	768	
Cross wall to do.	3	13–6				
Verandah all round	1	114–6				
Do to Court yard	2	34–6				
		274	3	7½–2	1957.	
Carried Over					6550.	

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward.					6550	312 2/27
Tower	1	10–0	8	1½–2–0	63	
Step front	1	18–0				
do rear	1	6–6				
do do	1	7–0				
		31–6	3	0–9	77	
Note Court yards	1	11	4½			
do do	1	7–3				
do do	1	6–6				
		27 m½	2	3–0–9	47	
Total Cubic feet						6737
Brickwork in foundations Footings.						
Court wall 4 sides	1	92–0				
Clerks, Private, & Inspectors rooms 3 sides	2	65–9				
Cross wall	1	14–9				
Record room 3 sides	1	69–9				
Police guards arms and Property rooms 3 sides	1	183–6				
Cross walls	1	14–9				
		457	3	2–9	1867.	
Do	2	14–9	2	4½–1–6	105.	
Jails wards front & rear walls	2	35–9				
End walls to do.	1	27–0				
		98–6	2	9–1–6	446	
Carried Over					2378.	

10,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward.					2378	
Cross walls to do.	3	11-9				
Verandah all rounds.	1	116-9				
Do to Court yards.	2	35-9				
		251-9	2-4½	1-6	1103	
Tower.	1	8-9	4-4½	1-6	57	
Above footings to ground levels						
Court walls 4 sides	1	92-0				
Clerks Private & Inspectors rooms 3 sides	2	69-6				
Cross wall	1	15-6				
Record room 3 sides	1	70-6				
Police guard arms and Property rooms 3 sides	1	174-0				
Cross walls	1	15-6				
Do		456-9	2-1-6		1370	
Jails wards front & rear walls	2	15-6	1-7½	1-6	76	
End walls of Do	2	36-6				
	1	27-0				
		100-0	2-0	1-6	300	
Cross walls to do.	3	15-6				
Verandah all rounds	1	116-6				
do to Court yards	2	36-6				
		286-0	1-7½	1-6	697	
Tower.	1	8-0	5-1½	1-6	62	
Carried Over.						5943

[P. W. D. Code, Edition of 1886—Paras. 221, 231.]

3

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
		B/F.			5943	2122
Basement						
Court walls 4 sides	1	92-0	2-0		368	
Dais	1	19-0	1-6	2-0	57	
Do Steps.	2	4-0	2-0	2-0	32	
Clerks Private & Inspectors rooms 3 sides	2	69-6				
Cross walls	1	15-6				
Record room 3 sides	1	70-6				
Police guard arms and Property rooms 3 sides	1	174-0				
Cross walls	1	15-6				
		364-12	2-0		1459	
Do	6	15-6	1-7½	2-0	101	
Jail wards front & rear walls	2	36-6				
End walls to do.	1	27-0				
		100-0	2-0	2-0	400	
Cross walls to do	3	15-6				
Verandah all rounds	1	116-6				
do to Court yards	2	36-6				
		286-0	1-7½	2-0	900	
Tower.	1	8-0	5-1½	1-6	62	
Step front	1	14-6				
do rear	1	4-9				
do do	1	5-3				
		24-6	1-6	1-0	37	
Carried Over.						9389

10,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Basement (Contd.) B.F.					9389	
Step to Court yard	1	13-10½				
do do	"	7-0				
do do	"	6-0				
		26-10½	1-0	0-6	13	
Total c.ft of Foundations & Basement						9402
Superstructure:						
Court wall 4 sides	1	92-0	1-6	19-0	2622	
Dais	1	19-9	1-3	1-6	37	
Do Steps	2	4-0	2-0	0-9	12	
Clerks Private & Inspectors rooms 3 sides	2	70-0				
Cross wall	1	16-0				
		156-0	1-6	15-0	3510	
Record room 3 sides	1	71-0				
Police guard, arms and Property rooms 3 sides	1	124-9				
Cross wall	1	16-0				
		211-9	1-6	13-0	4129	
Do	2	16-0	1-1½	13-0	468	
Jail wards front & rear walls	2	37-0				
End wall to do	1	27-0				
		101-0	1-6	13-0	1970	
Cross walls to do	3	16-0	1-1½	13-0	702	
Verandah all round	1	167-0				
do to Court yard	1	37-0				
Do Do	2	14-9				
		233-6	1-1½	11-0	2890	
C.Over					16,340	

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

3122/27

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Superstructure (Contd.) B.F.					16,340	
Tower up to the level of Court terrace	1	7-6	6-9	19-0	962	
Do above Do	1	25-0	1-3	9-3	289	
Binding walls over cross walls	3	16-0	1-6	1-0	72	
do	5	16-0	1-1½	1-0	90	
do front of Jail wards	1	37-0	1-6	1-0	56	
do passage	1	7-1½	1-6	1-0	11	
Masonry projection inside arches	22	11-0	0-9	0-6	91	
do do	2	10-6	0-9	0-6	8	
do do	2	7-0	0-9	0-6	5	
String course over arches	22	17-0	0-3	0-3	17	
do do	2	11-6	0-3	0-3	1	
do do	2	8-0	0-3	0-3	1	
do Gothic window	6	10-0	0-3	0-3	4	
do do door	1	10-0	0-3	0-3	1	
do do Windows	10	7-0	0-3	0-3	4	
Cornice projection in front of	1	37-0	0-6	0-9	14	
Jail wards & passage	1	5-7½	0-6	0-9	2	
Corbels below Cuddapah Slabs coping	180	1-3	0-9	0-6	84	
Total Cubic feet						18,052

16,000—25-9-90.

ESTIMATE FORM—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
						18052
Deduction						
Doors	17	4—0	1—6	8—0	816	
do	1	4—0	1—6	3—0	36	
do with Gothic Top.	1	4—0	1—6	6—6	39	
Windows per Clerks Private room	6	4—6	1—6	5—0	180	
do pieces.	6	4—0	0—9	3—0	54	
do with Gothic top to Police Guards room & Record room	6	4—0	1—6	6—3	225	
do pieces	6	4—0	0—9	2—6	45	
do with Gothic top to Records room	10	2—0	1—6	5—6	165	
do pieces.	10	2—0	0—9	2—6	38.	
Ventilators to court room	4	4—0	1—6	4—0	96	
do to Clerks & Property room	17	4—0	1—6	1—6	153	
Iron Ventilators to jail wards.	4	4—0	1—6	1—6	36	
Cut stone lintels to Over Ventilators	11	5—6	1—6	0—4½	77	
Tower. Hallow portion	1	19·63 area		19—0	373	
Doors	2	2—6	1—3	6—0	33	
Windows	3	1—6	1—3	4—0	23	
Stone lintels for Tower windows	3	2—6	1—3	3—4½	4	
Dº for Dº door in the Tower	1	3—6	1—3	0—4½	2	
Archway to Police Guards. rectangular portion	1	6—0	1—6	5—0	45	
Semi Circular portion	1	14—0 area		1—6	21	
Dº Rectangular portion	1	4—0	1—6	6—0	36	
Dº to passages.	1	5—7½	1—6	6—0	51	
		Carried Down			2553	18052

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

P. W. D. Form, No. M 204.

12

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
						3½ a 24
Deduction Coat of B. J.					2563	18052
Semi circular portion	1	6—3 area		1—6	9	
Dº Passage	1	12—4½ area		1—6	19	
Verandah Gothic Arches rectangular portion	22	6—0	1—4½	6	668	
Gothic portion	22	18—0 area		1—4½	668	
Dº rectangular portion	2	5—6	1—4½	6	56	
Dº Gothic portion	2	15—6 area		1—4½	35	
Dº rectangular portion	2	3—6	1—4½	6	35	
Gothic Portion.	2	9—6 area		1—4½	21	
Arch. work as per details					956	
					4698	
Total Cost of Superstructure						13354
Ornamental parapet walls.						
Court walls 4 sides	1	92—0				
Police Private & Inspectors room 3 sides	2	70—0				
Record room 3 sides	1	71—0				
Police Guard, Arms & Property rooms	1	101—7½				
Jail wards rear wall	1	37—0				
End wall of do.	1	27—0				
		453—7½	1—3	2—0	1318	
Verandah Rewards	1	167—0				
do to Court yard.	1	37—0				
do	2	14—9				
Tower.	1	25—0				
		258—6½	1—3	2—0	682	
					Total Cubic feet	19000

16,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Flat arch work.						
Doors	17	5-6	1-6	1-1½	158	
Do	1	5-6	1-1½	1-1½	7	
Do to Tower	1	3-6	1-3	1-1½	5	
Windows	6	5-6	1-6	1-1½	56	
		Total Cubic feet				226
Circular & Gothic Arch work						
Windows to Police Guard arms, Property room and Record room	6	9-6	1-6	1-1½	96	
Do Record room	10	6-0	1-6	1-1½	101	
Archway Police Guard	1	11-3"	1-6	1-1½	19	
Do	1	10-7½	1-6	1-1½	18	
Do	1	8-0	1-6	1-1½	14	
Verandah Gothic arches	22	12-0	1-1½	1-1½	334	
Do	2	11-0	1-1½	1-1½	28	
Do	2	8-0	1-1½	1-1½	20	
		Total Cubic feet				630
Cornice work:						
Around inside of Court	1	84-0			84	
" Clerks' rooms	1	81-0			81	
Private and Inspectors room	2	54-0			108	
		Total R feet				273

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

13

ESTIMATE FORM.—Detail Measurements.

31st / 25

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Cut stone work						
Ventilators	25	5-6	1-9	0-4½	90	
Door to Tower	1	3-6	1-3	0-4	1	
Windows to do	3	2-6	1-3	0-4	3	
Slabs under beams to Court & Clerks room	8	1-6	1-6	0-4	6	
do to Police Guard	2	1-6	1-6	0-4	2	
do to Property room	2	1-6	1-6	0-4	2	
do to Record room	4	1-6	1-6	0-4	3	
do Steps	1	17-6	3-0	0-6	26	
do do back	1	6-3	3-0	0-6	9	
do do do	1	6-9	3-0	0-6	10	
do do to Court yard	1	10-10½	2-0	0-6	14	
do do do	1	7-0	2-0	0-6	7	
do do do	1	6-0	2-0	0-6	6	
			Total C ft			179
Cuddapah Slabs for Cornice.						
Court	1	114-0				
Clerks Private & Inspectors rooms	2	60-0				
Record room, 3 sides	1	82-0				
Police Guard, arms & Property rooms	1	56-4½				
	1	21-0				
	1	21-4½				
Jail wards rear wall	1	40-6				
2nd wall do	1	29-0				
Verandah all round	1	195-6				
do to Court yard	1	37-0				
do do	2	14-9				
		716-3	3-6 (0-2)		2612	
					C ft 2612	

16,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					2812	
Ventilators to Court	2	5-0				
& other Offices	17	2-0				
		44-0	5-0	1-6	330	
Total Sqr ft						294
Teak wood wrought & put up						
Court Beams	2	20-6	1-0	1-4	55	
18' Span Joists 18" centre to centre	13	28-0	0-3	0-5	38	
Clerk Beams	2	18-6	0-10½	1-2	38	
16' Span Joists	12	28-6	0-3	0-5	36	
Private Joists	12	13-6	0-3	0-7½	25	
Inspectors room Joists	12	13-6	0-3	0-7½	25	
Record room Beams	2	18-6	0-10½	1-2	38	
Joists	12	29-0	0-3	0-5	36	
Police Guard Beams	1	18-6	0-10	1-2	18	
Joists	12	16-10½	0-3	0-5	21	
Property room Beams	1	18-6	0-10	1-2	18	
Joists	12	18-0	0-3	0-5	23	
	12	13-7½	0-3	0-7½	25	
Arms & Records Joists	12	7-1½	0-3	0-5	9	
	12	33-6	0-3	0-5	48	
Passage Joists	4	10-6	0-5	0-7½	11	
Jail wards Joists	2	7-7½	0-5	0-7½	4	
Verandah Beam at angle / do Cross / Joists	83	7-1½	0-3	0-5	62	
Verandah to Court yard Joists	48	7-1½	0-3	0-5	36	
					566.	

[P. W. D. Code, Edition of 1886 – Paras 921, 331.]

7

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Teak wood (Contd) B.F.					566.	3122/26
joists at angles	8	5-6	0-3	0-5	5	
do	8	3-6	0-3	0-5	3	
do	8	2-0	0-3	0-5	2	
Tower joists	5	6-6	0-3	0-4	3	
Total cft						579
Terraced roofing						
Court	1	26-0	19-0		494	
Clerks room	1	26-6	17-0		451	
Private room	1	13-0	17-0		221	
Inspectors room	1	13-0	17-0		221	
Record room	1	27-0	17-0		459	
Police Guard	1	16-4½	17-0		278	
Arms & Record	1	13-1½	17-0		223	
Passage	1	6-7½	17-0		113	
Property room	1	17-0	17-0		289	
Jail wards	1	38-0	17-0		646	
Verandah	1	140-0	6-7½		928	
do to Court yard	1	37-0	6-7½		245	
do do	2	15-9	6-7½		211	
Tower	1	6-3	6-3		39	
Total Sqft						4818.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Teak Panel & Venetian doors with frames & iron fittings complete	8	4—0		8—0	256	256
Teak do do with Gothic frames & fittings complete	1	4—0		9—0	36	36
Teak Panel doors with frames and fittings complete	5	4—0		8—0	160	
do do to Tower.	2	2—6		6—0	30	190
Iron grated door with battened Shutters & fittings	1	4—0		8—0	32	32
Iron grated door without Shutter	4	4—0		8—0	128	128
Iron grated windows with Venetian shutters & frames and fittings	1	4—0		5—0	120	120
Do Do with glazed top	1	4—0		6—9	162	
Do Do Do	10	2—0		6—3	125	
Do Do to Tower	3	1—6		4—0	18	305
Fixed Glazed Ventilators with frames complete	2	4—0		4—0	32	32
Fixed wire netting Ventilators with frames Complete	2	4—0		4—0	32	
Do Do Do	17	4—0		1—6	102	134

[F. W. D. Code, Edition of 1856.—Paras 921, 931.]

F. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Fixed iron Ventilators leaded in Stone blocks to face Courts	4	4—0		1—6	24.	24.
Filling in basement						
Court	1	24—6	17—6	1—6	643	
Dais	1	5—9	5—6	1—6	48	
Clerks room	1	25—0				
Private room	1	11—6				
Inspectors room	1	11—6				
Record room	1	25—6				
Police Guard	1	14—10½				
Arms and Records	1	11—7½				
Passage	1	5—11½				
Property room	1	15—6				
Jail wards	4	7—10⅞ / 32—3	15—6	1—6	3540	
Verandah	1	137—6	5—11½	1—6	1057	
do to Courtyards	1	36—6	5—11½	1—6	281	
do do	2	14—3	5—11½	1—6	219	
				Total Cubic ft.		5788
Levelling Course of Concrete 6" thick under flooring.						
Court	1	24—6	17—6		429	
Clerks room	1	25—0				
Private room	1	11—6				
Inspectors room	1	11—6				
Records room	1	25—6				
Police Guard	1	14—10½ / 83—10½	15—6		1378	
						1807

16,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work. 1	Number. 2	Length. 3	Breadth. 4	Depth. 5	Area or Contents. 6	Total Quantity of each description of Work. 7
Levelling course/Coat B. Ft.					1807	
Arms and Records	1	11-7½				
Passage	1	5-1½				
Property room	1	15-6				
Jail wards	4	7-10½				
		63-11½	15-6		990	
Verandah	1	137-6	5-1½		705	
do to Court yard	1	36-6	5-1½		187	
do do	2	14-3	5-1½		146	
Court yard	1	36-6	21-4½		780	
Deduct						4616
for Steps					25	25
				Total Sqft		4590
Flooring 8" Sqre bricks in Chunam & Pointing with Portland Cement						
Court	1	25-0	18-0		450	
Clerks room	1	25-6	16-0		408	
Private room	1	12-0	16-0		192	
Inspectors room	1	12-0	16-0		192	
Police Guard	1	15-4½	16-0		246	
Arms & Records	1	12-1½	16-0		194	
Passage	1	5-7½	16-0		90	
Property room	1	16-0	16-0		256	
Carried Over					2028	

[P. W. D. Code, Edition of 1888—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work. 1	Number. 2	Length. 3	Breadth. 4	Depth. 5	Area or Contents. 6	Total Quantity of each description of Work. 7
B. Ft.					2028	7½/28
Verandah	1	138-0	5-7½		776	
Do to Court yard	1	37-0	5-7½		208	
Do Do	2	14-9	5-7½		166	
Court yard	1	21-4½	36-6		780	
Doorway	15	4-0	1-0		60	
Recess to windows	11	4-0	0-9		33	
Archway	1	6-0	1-9		11	
do	1	5-7½	1-6		8	
do	1	4-0	1-6		6	
Gothic Archway	22	6-0	1-4½		187	
Do	2	5-6	1-4½		15	
Do	2	3-6	1-4½		10	
			Total Sqft			4283
Flooring with asphalte ¾" thick						
Record room	1	26-0	16-0		416	
Recess to windows	10	2-2	0-9		16	
Do	1	4-0	0-9		3	
Jail wards	4	8-11⅞	16-0		558	
4 Doorway	4	4-0	1-0		16	
			Total Sft			988
Plastering interior 2 Coats						
Court	1	36-0		18-3	1570	
Deduct sides	2	7-0		1-6	21	
Clerks room	1	83-0				
Private & Inspectors rooms		256-0				
		195-0		14-3	2779	
Carried Over						4370

16,000—25-9-90.

ESTIMATE FORM.- Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B/F.					4270	
Record room	1	54-0				
Police Guard	1	12-9				
Arm and Record room	1	56-3				
Passage	1	43-3				
Property room	1	64-0				
Jail wards	4	48-9/12				
		505-1		12-3	6192	
Tower	1	15-6		19-0	295	
	1	20-0		8-6	170	
Door Jambs and Soffit	1	20-0		1-6	510	
Do Do Police Guard	1	20-0		1-1/2	23	
Do Do Do	1	20-6		1-6	31	
Do Do Tower	2	11-6		1-3	31	
Archway to Police Guard	1	19-6		1-6	29	
Do Do	1	18-3		1-6	27	
Do to Passage	1	20-6		1-6	31	
Windows	6	14-0		1-6	126	
Do	6	15-6		1-6	140	
Do	10	13-6		1-6	203	
Do to Tower	3	11-0		1-3	41	
Do recess	22	3-0	2-0	0-9	99	
Ventilators to Court	4	11-0		1-6	66	
do Small	21	11-0		1-6	347	
Binding wall over crop wall	3	16-0		3-6	168	
Do Do	5	16-0		3-1/2	280	
Do Front of Jail wards	1	42-1/2		3-6	149	10,332

10

[P. W. D. Code, Edition of 1886—Forms 921, 931.]

P. W. D. Form, No. M 204.

17

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B/F.						13333.
Deduction.						31/3/29
Doors.	16	4-0		5-0	512	
	3	4-0	2-0	8-0	192	
Do to Tower	2	2-6		6-0	30	
Archway to Police Guard	1	44-0 area			44	
	1	30-0 area			30	
Do to Passage	1	47-0			47	
Windows.	6	4-0		5-0	120	
do	6	4-0		7-0	168	
do	10	2-0		5-9	115	
do to Tower	3	1-6		4-0	18	
Ventilators to Court	4	4-0		4-0	64	
Do	21	4-0		1-6	126	
					1466	
Total Superficial Measurement Carried					11867	
Painting Exterior						
All round the Basement	1	357-6		2-0	715	
Do Vermiculated walls Entrance	1	171-6		11-0	1887	
Do Do interior	1	267-6		10-3	2742	
Wall over terrace to Court	1	52-6		8-0	420	
	2	19-0		4-0	152	
Do Do to Clerks Private & Inspectors room 3 sides	2	54-0		4-0	432	
	2	19-0		2-0	76	
Record room 2 sides	1	45-0		13-0	585	
Police Guard, arms and Property room 2 sides	1	73-1/2		13-0	954	
				Carried Over	7963	

16,000—26-9-90.

ESTIMATE FORM.– Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B/F.					7963	
Jail wards back wall	1	88-6		10-0	891	
Do End wall	1	47-0		13-0	351	
Court yard Verandah (exterior)	2	37-0		11-0	814	
do. proms. do.	2	21-10½		13-0	567	
do Interior	1	85-8		10-3	874	
do do.	2	40-9		10-3	836	
Tower above trusses	1	30-0		16-6	495	
Jambs & Soffits of arches in Verandah	22	2-0		1-4½	495	
Do	2	15-9		1-4½	42	
Do	2	15-6		1-4½	35	
Do to Police Guard	1	20-0		1-6	30	
Do Do	1	16-3		1-6	24	
Do to Passage	1	21-0		1-6	32	
Parapet walls in Court		92-0		5-9	529	
Do Clerks, Private and Inspectors rooms 3 sides	2	70-0		5-9	805	
Do Record room 2 sides	1	45-0		5-9	259	
Do Police Guard and Property room 2 sides	1	73-4½		5-9	422	
Do Jail wards	1	37-0		5-9	213	
Do End wall	1	27-0		5-9	155	
Do Court yard Verandah	1	37-0		5-9	213	
Do Do	2	14-9		5-9	170	
Do Do.	2	21-10½		5-9	252	
Do Tower.	1	30-0		5-9	172	16251
				Carried Over		16251.

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.– Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B/F.						16,251.
Deductions						
Doors	12	4-0		9-0	384	3122/30
do to Police Guard	1	4-0		9-6	34	
do to Tower	2	2-6		6-0	30	
Windows	6	4-0		5-0	120	
Do with Gothic portion	6	4-0		6-0	144	
do	10	2-0		5-9	115	
Do to Tower	3	1-6		4-0	18	
Ventilators	4	4-0		4-0	64	
do.	11	4-0		1-6	66	
Seats do to jail wards	4	11-0		1-6	24	
Arch { Rectangular portion	1	6-0		5-0	30	
Arch { Semi Cir: portion	1	11-4½	area		14	
Do { Rectangular portion	1	4-0		6-0	24	
Do { Semi Cir: portion	1	6-0	area		6	
Do to Passage { Rectangular portion	1	5-4½		6-0	34	
Do to Passage { Semi Cir: portion	1	17-6	area		13	
Arches in Verandah	22	6-0	2-0	4-6	1716	
Do Gothic portion	22	18-0	area	2-0	792	
Do	2	5-6	2-0	4-6	99	
Do Gothic portion	2	15-6	area	2-0	62	
Do	2	3-6	2-0	4-6	63	
Do Do.	2	9-6	area	2-0	38	
						3390
Total Painting Spff.						12861

16,600—25-9-90

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Painting Doors and Windows with 3 coats of C. Oak paint.						
Panel & Venetian Doors.	8	4-0	2 3/4	8	704	
Do with glazed top	1	4-0	2 3/4	9	99	
Do Doors.	5	4-0	2 1/4	8	360	
Do Do to Tower.	4	2-6	2 1/4	6-0	68	
Iron grated door with battened shutters.	1	4-0	2 3/4	8-0	88	
Iron grated door without shutter	4	4-0		8-0	128	
Iron grated windows with Venetian shutters	6	4-0	3 1/2	5-0	420	
Do Do with glazed top.	6	4-0	3 1/4	6-9	527	
Do Do Do	10	2-0	3 1/4	6-3	406	
Venetian windows to Tower	3	1-6	3 1/2	4-0	63	
Fixed glazed Ventilators.	2	4-0		4-0	32	
Do wire netting	2	4-0		4-0	32	
Do Do	17	4-0		1-6	102	
Do iron Ventilators.	4	4-0		1-6	24	
			Total Sq. ft.			3053
Painting wood works with 3 coats of zinc white paint						
Court { Beams	2	18-0		3-8	132	
Court { Joists	13	25-0		1-1	352	
			C. Over		484	

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B. F.					484	
Clerks room { Beams	2	16-0		3-2	101	3/22 / 31
Clerks room { Joists.	12	25-6		1-1	332	
Private Joists.	12	12-0		1-6	216	
Inspectors room } Joists	1 / 12	12-0		1-6	216	
Record room { Beams	2	16-0		3-2	101	
Record room { Joists	12	26-0		1-1	338	
Police Guard { Beams	1	16-0		3-2	57	
Police Guard { Joists	12	15-4 1/2		1-1	200	
Property room { Beams	1	16-0		3-2	51	
Property room { Joists	12	16-0		1-1	208	
Armoury & Record room } Joists	12	12-1 1/2		1-6	218	
Passage Joists	12	5-7 1/2		1-1	73	
Jail wards—Joists	12	37-0		1-1	431	
Verandah { Beam at angle	4	8-0		1-8	53	
do cross.	2	5-7 1/2		1-8	19	
Joists	83	5-7 1/2		1-1.	506	
Angle	8	5-0		1-1	43	
do	8	3-0		1-1	26	
do.	8	1-6		1-1	13	
Do to Court yard—Joists	44	5-7 1/2		1-1	268	
Tower — Joists	5	5-0		0-10	21.	
			Total Sq. feet			4019

21#

ESTIMATE FORM – Detail Measurements.

Detail of Work.	Number.	Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Teak wood railings around the Dais	23				23	23
Spiral Stair case to be built of masonry with plastering complete 5 ft Dia		Lump Sum			100	100 Rs
Masonry Drain from inside of Court yard to the nearest Nullah or side drain of the road.		Lump Sum			12	12 Rs
Iron grating to the above	2	"	"	"	2	2
Punkah 10 feet long Complete		"	"	"	1	1

ESTIMATE FORM.–Abstract.

Quantity.	Description of Work.	Rate. as per Presidency Schedule	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
16535 Cft	Excavation for Foundation	4-10-0	Cft/1000	76	
6737 "	Concrete broken vitrified bricks in chunam	14-0-0	Cft/100	943	3122/32
9407 "	Foundation & Basement Stock bricks in chunam	19-8-0	do	1833	
13354 "	Superstructure Do Do	20-8-0	do	2738	
1900 "	Ornamental parapets Stock bricks in chunam	25-0-0	do	475	
226 "	Flat arch work Stock bricks in chunam	22-8-0	do	51	
630 "	Circular archwork do	23-8-0	do	148	
273 Rft	Cornice work do	0-5-0	Rft	85	
179 Cft	Cut Stone work	2-0-0	Cft	358	
2942 Sqft	Cuddapah Slabs for Cornice including fixing and pointing with cement	24-8-0	Sft/100	721	
579 Cft	Teak wood wrought and put up.	3-8-0	Cft	2026	
4818 Sqft	Terracing with brick on edge Jelly 3" thick 3 courses of flat tiles & 3 coats of plastering on top & ceiling	27-0-0	100 Sft	1301	
256 do	Teak wood panel & Venetian doors with frames 3½' x 5' hinges locks & other fittings Complete.	1-1-0	Sqft	272	
	Carried over			11027	
	Grand Total of Estimate				

~~Station~~

~~Dated~~ ~~189~~

40,000—25-8-90.

~~Executive Engineer.~~

Reference to Madras P. W. D. Code, Edition of 1886.

Paras. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. Form No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

2/ Encl 1548/91

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate. as per Presidency Schedule	Per	Amount	Total.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward			11027	
36 Sqft	Teak wood panel and Venetian doors with glazed top frames 3½"×5", hinges and other fittings complete	1-2-0	Sqft	41	
190 "	Teak panel doors with frames 3½"×5" hinges, and other fittings complete	0-14-0	"	166	
32 "	Iron grated doors with battened shutters and fittings &ca to Property room.	2-7-0	"	78	
128 "	Iron grated door with frames strong Iron fastenings &ca to wards.	1-13-0	"	232	
120 "	Iron grated windows with Venetian shutters frames and other fittings complete	2-8-0	"	300	
305 "	Do. Do. Do. with glazed top	2-8-0	"	763	
32 "	Fixed glazed Ventilators with frames complete	1-2-0	"	36	
134 "	Fixed wire netting Ventilators with frames complete.	0-11-0	"	92	
	Carried over			12735	

3122 / 33

Grand Total of Estimate ..

~~Station~~—

~~Dated~~— ~~189~~ .

~~Executive Engineer.~~

40,000—23-8-90.

Reference to Madras P. W. D. Code,
Edition of 1886.

Paras. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate. as per Standing Schedule	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			14735	
24 Sqft.	Fixed Iron Ventilators				
	sealed in stone blocks				
	to jail wards	2-8-0	Sqft	60	
5788 Cft.	Filling in basement	0-2-0	Cft	29	
4590 Sft.	Laterite course of concrete				
	6" thick under flooring	7-0-0	Sqft	321	
1233 "	Flooring with 8" Spc bricks				
	in Chunam and painting				
	with Portland cement	7-3-0	"	308	
938 "	Flooring with asphalte 3/4"				
	thick with protected over	1-6-0	"	141	
1187 "	Plastering with 2 coats of				
	Chunam polished inside	2-8-0	"	297	
12361 "	Painting with tar and				
	asphalte	2-8-0	"	309	
3053 "	Painting Doors and				
	windows with 3 coats				
	of canvas oak paint	2-12-0	"	84	
4019 "	Do wood work with				
	3 coats of zinc white				
	paint	2-12-0	"	111	
23 Rft	Teak wood turned pack				
	for Jails	1-8-0	Rft	35	
	Carried Over			15460	

Grand Total of Estimate.

Station _____

Dated _____ 189

Executive Engineer.

40,000—23-3-90.

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.

PARAS. 921, 932, &c., 949, 952—955, 962—964.

P. W. I.
No. M

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate. As per preceding schedule	Per	Amount	Total.
1	2	3	4	5.	6.
		Rs.		Rs.	Rs.
	Brought forward			12460	
1	No Spiral staircase to be built of masonry with plastering complete 5 ft dia and 14 in height			100	
	Masonry drain from inside of court yard to the nearest Nullah or side drain of the road	"	"	20	
2	No Iron grating to the above		Each	1	
1	" Teak wood punkah left complete			20	
					14601
	Petty Suspension @ 2½ per cent			367	
	Contingencies @ 5%			732	
					1099
	Grand Total of Estimate ..				15700

STATION Cheepauk.
Dated 15th May 1891.

Executive Engineer.

40,000—25-8-90.

21-5-91

Reference to Madras P. W. D. Code,
Edition of 1886.

Paras. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. Form,
No. M 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work— Revised Standard design for a Deputy Tahsildar Cutcherry - With Terraced roofing

Amount of Estimate, Rs.— 15,700/-

To be carried out by—

REFERENCES.

3/ 15-8/91

Revised Standard Design for Deputy Tahsildar's Cutcherry with tiled roofing according to Drawing signed by the Consulting Architect on 15th May 1891.

3122/36

Descriptive Specification

Foundation. A depth of 5 feet is provided in the quantities but this should be settled locally in accordance with the nature of soil

Walling. The walls should be carried up in English bond according to the various thicknesses and heights shown on the Drawing, 2 bricks & 1½ bricks thick.

Stone work. Stone 12"×12"×12" with mortise holes 2 inches square & 2" deep cut into them into which the Verandah posts will be tenoned. Slabs will also be placed at the bearings of trusses. The steps may also be of stone, if procurable without great expense.

Wood work. The trusses and Verandah posts should be of well seasoned Burma teak, the rafters and minor roof timbers may be of approved country wood, proof against white ants

The Oriental pork may be of stone, if procurable without great expence.

Doors and windows.

The doors and Windows to be of well seasoned Burma teak wood. All doors opening into Verandahs will be of 5 panels and of Venetians, inner doors to be panelled throughout. Iron grated shutters with strong batten shutters outside are provided for the Property room, Jail wards provided with Iron grated shutters only. The Arms and Record rooms provided with strong battened shutters.

The windows for the Record Property, Arm and Police Guard rooms will have Venetioned shutters opening outside with fixed glazed heads and 1 inch square Iron bars set Lieganally. The Ventilators will consist of Cuddapah or any other similar slabs set as Venetians with clear space of about 1" between, the back of the Ventilators will have gal. wainged iron wire netting half inch mesh in teak frames to prevent bats or birds from entering.

The Ventilators at back of courts will be fixed glazed sashes to through light on the Judges seat.

The Ventilators for Jail wards will consist of iron grating leaded into stone blocks and firmly set in the walls.

Roofing.

The roof will be covered with quality flat and pantiles; if the ~~quantity~~ of these are good, the usual unsightly "chunam bands" might be dispensed with. All valleys should be protected with sheet lead. If mangalore tiles are used a ceiling of 1/2" teak planking should be placed under rafters. 7/12/37

Flooring.

The floor may be laid with 4 square bricks on 6" concrete or stone slabs, if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand. Asphalte flooring is provided for the Record room & Jail wards.

Interior and Exterior finishing.

The interior walls will be fine plastered with shell lime & polished or plastered and whitewashed. Where good bricks and stones are obtainable the exterior should be pointed. Black pointing for brick-work with a composition of Asphalte tar and sand neatly executed is preferable, as it shews the brick-work to advantage and is very durable. In damp soil to a height of about 3ft. the plinth and interior walls should also be plastered with cement.

The different kinds of work to be

be done will be executed in general accordance with the Standard Specification of the Public Works Department

Henry Irwin.

Consulting Architect

15-5-91. to Government.

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

P. W. D. Form No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
						312/38
Excavation for foundations						
Courtwall 4 sides	1	92. 0	4 0	5 0	1840	
Doors	1	17. 0				
do steps	2	3. 0				
		23-0	2 0	9	35	
Clerks, Private & Inspectors room 3 sides	2	67 6				
Cross walls	1	13 6				
Remd room 3 sides	1	68 6				
Police guard, arms & Property						
Cross wall		13 6				
		352-9	4. 0	5 0	7033	
Do	2	13 6	3. 7½	5 0	489	
Jail wards front & rear walls	2	34. 6				
End walls & do	1	27. 0				
		96. 0	4 0	5-0	1920	
Cross walls & do	3	13 6				
Verandah all Round	1	165 0				
Do & Court yard	2	34. 6				
		274. 6	3. 7½	5 0	4975	
Steps front	1	18. 6				
Do rear	1	5 6				
Do Do	1	6 0				
		30 0	2 3 0	9	51	
Do & Court yard	1	7 3				
Do Do	1	6 3				
Do Do		6 6				
		20. 0	1 3 0	9	19	

Total Cubic feet 16,38

10,000—25-9-90.

ESTIMATE FORM —Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Concrete						
Cont wall 4 sides	1	92 0	4 0	2 0	736	
Dais	1	19 0				
Do steps	2	4 0				
		27 0	2 0	0 9	41	
Clerks, Private & Inspectors Rooms 3 sides	2	47 6				
Cross wall	1	13 6				
Recon Room 3 sides	1	68 6				
Police guard, Arms & Property room 3 sides	1	122 3				
Cross walls	1	13 6				
		352.9	4. 0	2. 0	2822	
Do	2	13 6	3 7½	2 0	196	
Jail wards front & rear walls	2	34 6				
End walls to do	1	27 0				
		96 0	4 0	2 0	768	
Cross walls to do	3	13 6				
Verandah all round	1	165 0				
do to Cont yard	2	34. 6				
		274. 6	3. 7½	2. 0	1990	
Steps front	1	18. 6				
to Rear	1	6 6				
to Do	1	7 0				
		32. 0	3 . 3 0	0 9	78	
Carried over			Cubic feet		6631	

ESTIMATE FORM —Detail Measurements.

27

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward		Cubic feet			6631	31½/39
Step to Cont yard		8 3				
Do Do		7 3				
Do Do		6 6				
		22 0	2 3	0 9	37	
Total		Cubic feet				6668
Brickwork in Foundations						
Footings						
Cont wall 4 sides	1	92 0				
Clerks, Private & Inspectors Rooms 3 sides	3	69 9				
Cross wall	1	14. 9				
Recon Room 3 sides	1	69. 9				
Police guard, Arms & Property room 3 sides	1	123. 6				
Cross wall	1	14. 9				
		452. 3	2. 9	1 6	1867	
Do	2	14. 9	2 4½	1 6	105	
Jail wards front & rear walls	2	35 9				
End walls to do	1	27. 0				
		98 6	2 9	1 6	406	
Cross walls to do	3	14 9				
Verandah all round	1	166. 3				
Do to Cont yard	2	35. 9				
		282. 0	2. 4½	1 6	1005	
Carried over		Cubic feet				3383

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					Cubic feet	13383
Above footings to ground level						
Cont wall 4 sides	1	92. 0				
Clerks, Private & Inspectors						
rooms 3 sides	2	69. 6				
Cross wall	1	15. 6				
Recond room 3 sides	1	70 6	2. 0	1 6	1370	
Police guard, Arms &						
Property room 3 sides	1	124 3				
Cross wall	1	15 6				
Do		15 6	1 7½	1 6	76	
Jail wards front & rear walls	2	36. 6				
End wall & do	1	27. 0				
		100. 0	2 0	1 6	300	
Cross walls to do	3	15. 6				
Verandah all round	1	167. 0				
Do to Cont yard	2	36. 6				
		256. 0	1. 7½	1 6	697	
Basement						
Cont wall 4 sides	1	92. 0	2 0	2 0	368	
Dais	1	19. 0	1 6	2 0	57	
Do steps	2	4. 0	2 0	2 0	32	
Clerks, Private & Inspectors Room 3 sides	2	69. 6				
Cross wall	1	15 6				
Recond room 3 sides	1	70 6				
Police guard Arms & Property room 3 sides	1	124. 3				
Cross wall	1	15. 6				
		364. 9	2. 0	2 0	1459	
Carried over cubic feet						7742

10,000—25-9-90.

P. W. D. Form, No. M 204.

28

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					Cubic feet	7742
Cross wall	2	15 6	1 7½	2 0	101	
Jail wards front & rear walls	2	36. 6				
End walls to do	1	27. 0				
		100. 0	2 0	2 0	400	
Cross walls to do	3	15 6				
Verandah all round	1	167. 0				
Do to Cont yards	2	36 6				
		256. 0	1. 7½	2 0	930	
Step front	1	15 0				
Do rear	1	4 9	1. 6	1 0	38	
Do Do	1	5 3				
Do Cont yards	1	8 0				
Do Do	1	6 0	1 0	0 6	12	
Do Do	1	7 0				
Total Cubic feet foundation & Basement						9223
Superstructure						
Cont wall 4 sides	1	92 0	1 6	18. 7½	2570	
Dais	1	19 9	1 3	1 6	37	
Do steps	2	4 0	2 0	1 9	12	
Gables front & rear	2	21. 0	1 6	3 6	221	
Do sides	2	9 0	1 6	1 6	41	
Clerks, Private & Inspectors room 3 sides	2	70 0				
Cross wall	1	16 0				
		156. 0	1 6	15 6	2627	
Carried over cubic feet						5508

10,000—25-9-90.

ESTIMATE FORM – Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward Cubic feet					5508	
Gables	3	19	0 1 6	3 0	257	
Record room 3 sides	1	71. 0				
Police guard, Arms & Property rooms 3 sides	1	124 9				
Cross wall	1	16. 0				
		211. 9	1 6	12. 0	3512	
Do	2	16	0 1 1½	12. 0	432	
Jail wards front & rear walls	3	37. 0	1 6	12 0	1332	
End wall to do	1	19. 0	1 6	12 0	342	
	1	8	0 1 6	9 6	114	
Cross wall to do	3	16. 0	1 1½	12 0	648	
Gables	5	19. 0	1 6	3 0	428	
Do	5	19	0 1 1½	3 0	321	
String Course over door to Police guard	1	5 6				
Do over windows	5	5 6				
Do Do to record rooms	10	3 6				
Do Do	1	5 6				
Do ventilator to Court	4	5 6				
Do Do Do	2	5 6				
Do Do to End walls	2	5 6				
		117. 6	0 3	0 3 7		13,201
Deductions						
Doors	17	4. 0	1 6	8 0	816	
Do	1	4	0 1 1½	8 0	36	
Do with glazed top	1	4	0 1 6	9 0	54	
windows	6	4	0 1 6	5 0	180	
Carried over cubic feet					1086	13,201

[P. W. D. Code, Edition of 1886—Paras. 921, 931.]

P. W. D. Form, No. M 204.

29

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward Cubic feet					1086	13,201
window recess	6	4. 0	0 9	3 0	54	31 27/41
Do with glazed top	6	4. 0	1 6	6 6	234	
Do recess	6	4	0 0 9	2 6	45	
Do to record room	10	2	0 1 6	6. 3	188	
Do recess	10	2	0 0 9	2 6	38	
Ventilator to Court & End rooms	6	4	0 1 6	4 0	144	
Do	11	4	0 1 6	1 6	99	
Do to jail wards	4	4	0 1 6	1 6	36	
Archways to Police Guard rectangular portion	1	6	0 1 6	5 0	45	
Semi circular portion	1	14. 1½	area	1 6	21	
Do to Police guard	1	4	0 1 6	6 0	36	
Semi circular portion	1	6	3 area	1 6	9	
Do to Passage	1	5	7½ 1 6	6 0	51	
Semi circular portion	1	12	4½ area	1 6	19	
Archwork as per details					544	2649
Total Cubic feet of Superstructure						10,552
Flat archwork						
Doors	17	3	6 1	6 1 1½	158	
Do	1	5	6 1	1½ 1 1½	7	
windows	12	5	6 1	6 1 1½	111	
Do to record room	10	3	6 1	6 1 1½	59	
Ventilators to Court & End Gable	6	5	6 1	6 1 1½	56	
Do	11	5	6 1	6 1 1½	102	
Total Cubic feet						493

16,000—24-9-90.

ESTIMATE FORM – Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7

ESTIMATE FORM – Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Circular Archwork						312 2/4
Archway to Police guard	1	11 3	1 6	1 1½	19	
Do	1	8 0	1 6	1 1½	14	
Do to Passage	1	10 7½	1 6	1 1½	18	
Total Cubic feet						51
Cut stonework						
Stalls under trusses to Court	4	1 6				
Do to Clerks room	4	1 6				
Do to Police guard	2	1 6				
Do to Property room	2	1 6				
Do to Record room	4	1 6				
		24 0	1 6	0 4	12	
Do steps	1	18 0				
Do Do back	1	6 3	3 0	0 6	47	
Do Do Do	1	6 9				
Do Do to Court yard		31 0 8 0				
Do Do Do	1	7 0	2 0	0 6	21	
Do Do Do	1	6 0				
Stone for Posts	41	1 0	1 0	1 0	41	
Total Cubic feet						121
Cudapah slabs 2" thick						
Ventilators to Court	2	5 0				
Do Small	11	2 0				
		32 0	5 0	1 6	240	

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Teakwood wrought & put up						
2 Trusses 18' Span — Principal rafters	4	12. 0	0 4	0 6½	9	
Tie beams	2	21. 0	0 4	0 7½	9	
Struts	4	5 6	0 4	0 4	2	
Block on head of trusses	2	1 3	0 6	0 9	1	
6 Trusses 16' Span — Principal rafters	12	10	0 0 4	0 5½	18	
Tie beams	6	19	0 0 4	0 6	19	
Struts	12	5 6	0 4	0 4	7	
Block on head of trusses	6	1 3	0 6	0 9	3	
Court — Purlins	2	33. 0	0 5	0 7	16	
Wall purlins	2	33. 0	0 3	0 7	10	
Ridge beams	1	33. 0	0 3	0 8	6	
Common rafters	42	14 0	0 3	0 4	49	
Clerks Private & Inspectors room — Purlins	4	31. 0	0 5	0 7	30	
Wall purlins	4	31. 0	0 3	0 7	18	
Ridge beams	2	34. 0	0 3	0 8	11	
Common rafters	27	42 13	6 0 3	0 4	95	
Hip rafters	4	9 0	0 3	0 6	5	
Jack rafters	8	5 6	0 3	0 4	3	
Record room — Purlins	2	31. 0	0 4	0 6	10	
Wall purlins	2	31. 0	0 3	0 6	8	
Ridge beams	1	31. 0	0 3	0 7	5	
Common rafters	40	13 6	0 2½	0 4	38	
Carried over cubic feet					372	

16,000—25-9-90.

ESTIMATE FORM—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward cubic feet					372	372 / 43
Police guard & Arms & Passage & Property from — Purlins	2	37. 1½	0 4	0 6	19	
wall purlins	2	37. 1½	0 3	0 6	14	
Ridge beams	1	37. 1½	0 3	0 7	8	
Common rafters	76	13. 6	0 2½	0 4	71	
Jail wards — Purlins	2	46 0	0 4	0 6	15	
wall purlins	2	42. 0	0 3	0 6	11	
Ridge beams	1	50. 0	0 3	0 7	7	
Common rafters	52	13 6	0 2½	0 4	49	
Hip rafters	2	17 0	0 3	0 6	4	
Jack rafters	8	6. 9	0 2½	0 4	4	
Verandah — Posts	41	6 0	0 6	0 6	62	
Cap over posts	41	1 0	1 0	0 6	21	
Breastsummer to Verandah	1	176 0	0 5	0 6	37	
Do Court yard	2	39. 0	0 5	0 6	16	
Rafters	75	10 6	0 3	0 4½	74	
Do Court yard 2x	26	10 6	0 3	0 4½	51	
Hip rafters to Verandah	6	13. 6	0 3	0 6	10	
Jack rafters Do	48	5 6	0 3	0 4½	25	
Wall plate to Verandah		131. 0	0 3	0 3	8	
Do to Court yard		38 0	0 3	0 3	2	
Cane planks for rafters to Verandah		187. 6				
Do to Court yard	2	37. 0				
Do Main walls to Court	2	17. 0				
Do Do to Clerks, Private & Inspectors room	2	38. 0				
Do Record room around	1	84. 0				
Do Police guard	1	112 9				
Do jail wards back	1	38. 6				
		646. 9	0. 1	0. 7	31	
Carried over cubic feet					911	

24-81

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward	Cubic	feet			911	
Bunga board to Court	2	30 0				
Do to End rooms	2	28 0				
Do to record rooms & jail wards	3	28 0				
Do	28	1 6				
Do	7	3 0				
		263 0	0 1	0 9	16	
Total Cubic		feet				927
Wrought Iron Work						
1" dia: King rod for 18 ft: trusses	2	8 0			2.62	42
1" Hex Nut & heads to do	2				1.10	2
3"×3"×1/8" thick washers	6				.32	2
1 1/2"×1/2" head straps	4	3 0			2.30	30
1 1/2"×1/2" bearing plates	4	0 6 3/4			2.50	6
5/8" hex nuts	8				.267	2
Caps of 3/8" plates 6" wide	2	2 0			7.51	30
7/8" dia: King rod 16 ft trusses	6	7 0			2.01	84
7/8" dia Hex nut & heads to do	6				0.72	4
3"×3"×1/8" thick washers	18				0.32	6
1 1/2"×3/8" Steel straps	12	2 6			1.87	56
1 1/2"×3/8" Bearing plates	12	0 6 3/4			1.87	13
5/8" Hex nuts	24				.267	6
Caps of 3/8" plates 6" wide	6	2 4			7.51	105
Pins for Posts 1" dia	41	1 3			2.62	134
Holding down bolts at Ends of each trusses 1 1/2" dia	16	1 9			.656	18
Head & nuts to do	16				.128	2
Total this						512

10,000—25-9-90.

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

32

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Tiled roofing with flat & pantiles including teak rafters						31/12/44
Court	1	32 0	30 0		960	
Clerks, Private & Inspectors room	2	29 0	28 0		1624	
Record room	1	29 6	28 0		826	
Police guard, Arms, Passage & Property room	1	56 4/12	28 0		1579	
Jail wards	1	39 6	28 0		1106	
Verandah front	1	153 0	10 6		1607	
Do Court yard	2	37 0	10 6		777	
Total Square feet						8479
Doors						
Teak panel & venetian Doors with frames & iron fittings &c	8	4 0		8 0	256	Square feet
Do Do with glazed top frames & iron fittings do	1	4 0		9 0	36	"
Teak panelled Doors with frames & fittings do	5	4 0		8 0	160	"
Iron grated Door with battened shutters & fittings	1	4 0		8 0	32	"
Iron grated Door without shutters	4	4 0		8 0	128	"

10,000—25-9-90.

ESTIMATE FORM – Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Windows						
Iron grated windows with Venetian shutters & frames & fittings	6	4 0		5 0	120	Square feet
Do Do with glazed tops	6	4 0		6 9	162	
Do Do Do	10	2 0		6 3	125	
			Square feet			287
Ventilators						
Fixed glazed ventilators with frames complete to Court	2	4 0		4 0	32	
Do Do to End Rooms	2	4 0		4 0	32	
			Square feet			64
Fixed wire netting ventilators with frames complete	2	4 0		4 0	32	
Do Do	11	4 0		1 6	66	
			Square feet			98
Fixed iron Ventilators leaded in stone blocks to Jail wards	4	4 0		1 6	24	0 Square feet

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements. 33

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Filling in Basement						
Court	1	24. 6	17. 6	1 6	643	3142 / 35
Vairs	1	5 9	3 6	1 6	47	
Clerks room	1	25 0				
Private room	1	11 6				
Inspectors room	1	11 6				
Record room	1	25 6				
Police guard	1	14 10½				
Arms & records	1	11 7½				
Passage	1	5 1½				
Property room	1	13 6				
Jail wards	4	7. 10⅞				
		152. 3	15 6	1 6	3645	
Verandah	1	139. 6	5 6	1 6	1151	
Do to Court yard	2	36. 6	5 6	1 6	602	
Total Cubic feet						6083
Levelling Course of Concrete 6" thick under flooring						
Court	1	24 6	17 6		429	
Clerks room	1	25 0				
Private room	1	11 6				
Inspectors room	1	11 6				
Record room	1	25 6				
Police guard	1	14 10½				
Arms & records	1	11 7½				
Passage	1	5 1½				
		105. 1½	15. 6		1629	
Carried over Square feet						2058

16,000—25-9-90.

ESTIMATE FORM—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward square feet					2038	
Property room	1	15 6				
Jail wards	4	7 10 7/8				
		47. 1/2	15 6		730	
Verandah	1	139. 6	5 6		767	
Do Court yard	2	36. 6	5 6		402	
Court yard	1	36. 6	21. 1/2		780	
					4737	
Deduct for steps		21. 0	2 0		42	
Total Square feet						4695
Flooring 8 square bricks in Chunam & Pointing with Portland Cement						
Court						
Clerks room	1	25 0	18 0		450	
Private room	1	25 6	16 0		408	
Inspectors room	1	12. 0	16 0		192	
Police guard	1	12 0	16 0		192	
Arms & records	1	15 1/2	16 0		246	
Passage	1	12 1/2	16 0		194	
Property room	1	5 7/2	16 0		90	
Verandah	1	16 0	16 0		256	
Do & Court yard	1	145. 6	7 0		1019	
Court yard	2	37. 0	7 0		518	
Doorway	1	36 6	20. 1/2		730	
Recess & windows	15	4 0	1 0		60	
	11	4 0	0 9		33	
Carried over square feet					4438	

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements. 34

Detail of Work.	Number.	Measurments in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward square feet					4438	21 2/46
Archway	1	6 0	1 9		11	
Do	1	4 0	1 6		6	
Do & Passage	1	5 7/2	1 6		8	4463
Deduct						
Stone for Post	41	1 0	1 0		41	41
Total Square feet						4422
Flooring with asphalte 3/4" thick						
Record room	1	26 0	16 0		416	
Recess & windows	10	2 0	0 9		15	
Do	1	4 0	0 9		3	
Jail wards	4	8 1/2	16 0		338	
Doorway	4	4 0	1 0		16	
Total Square feet						988
Plastering interior 2 Coats						
Court	1	88 0		18 7/2	1602	
Dwarf sides	2	7 0		1 6	21	
Gable Ends	2	18 0		3 6	126	
Clerks room	1	83 0				
Private & Inspectors room	2	56 0		18 6	3023	
Gable Ends	6	16 0		3 0	96	
Carried over square feet					4868	

16,600—25-9-90.

ESTIMATE FORM – Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward square feet					4868	
Record Room	1	84 0				
Police guard	1	62 9				
Arms & record Room	1	56. 3		12 0	6,066	
Passage	1	43. 3				
Property Room	1	64 0				
Jail wards	14	48. 9⅓				
Gable Ends	19	16. 0		3 0	912	
Door jambs & soffits	17	20. 0		1 6	510	
Do Do Police guard	1	22 0		1 6	33	
Archways & Do to Police guard	1	19 6		1 6	29	
Do Do	1	18 3		1 6	27	
Do Do to Passage	1	20 6		1 6	31	
Windows jambs & soffits	6	14 0		1 6	126	
Do Do	6	17 0		1 6	153	
Do Record Room	10	14 6		1 6	218	
Do Recess	6×2	3 0		0 9	27	
Do Do	16×2	2 6		0 9	60	
Ventilator jambs, sills & soffits						
to Court & End Rooms	6	16 0		1 6	144	
Do Small	13	11 0		1 6	248	13475
Deduction						
Door	12	4 0		8 0	384	
Do	6	4 0	2 0	8 0	384	
Do to Police guard	1	4 0		9 0	36	
Archway rectangular portion to Police guard	1	6 0		5 0	30	
Semi cir: portion	1	14 1½	area		14	
Carried over square feet						13475

[P. W. D. Code, Edition of 1886—Paras 931, 931.]

P. W. D. Form, No. M 204.

35

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward square feet						13475
Archways rectangular portion						3½ / 47
to Police guard	1	4 0		6 0	24	
Semi cir: portion	1	6 3	area		6	
Do rectangular portion						
to Passage	1	5 7½		6 0	34	
Semi circular portion	1	12. 4½	area		12	
windows	6	4 0		5 0	120	
Do with glazed sash	6	4 0		6 6	156	
Do to record room	10	2 0		6 3	125	
Ventilators to Court & End Room	6	4 0		4 0	96	
Do	15	4 0		1 6	90	1511
Total square feet						11964
Pointing Exterior						
All round the Basement	1	340 1½		2 0	680	
Do Court yard		115 9		1 6	174	
Court: Front & rear with gable	2	21 0		22 0	924	
Court: Sides	2	9 0		18. 7½	335	
Do	2	3 0		2 0	12	
Clerks' Private & Inspecting rooms: Front	2	27. 0		15 6	837	
Rear	2	8 0		15 6	248	
Do	2	4 0		4 0	32	
End wall with gable	2	19 0		18 6	703	
Record room 2 sides	1	45 0		12 0	540	
Do Gable	1	19. 0		3 0	57	
Police guard, arms & Property room 2 sides		73 4½		12 0	879	
Carried over square feet						5421

16,800—25-9-80.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward square feet					5421	
Jail wards — Back wall	1	38 6		12 0	462	
Do End wall	1	27 0		12 0	324	
Gable	1	19 0		3 0	57	
Court yard — Front wall of jail wards & Police guard room &c	1	37 0		12 0	444	
Side wall of Record room & Police guard room &c	2	35 4½		12 0	849	7567
Deduction						
Doors	12	4 0		8 0	384	
Do to Police guard	1	4 0		9 0	36	
Windows	6	4 0		5 0	120	
Do with glazed top	6	4 0		6 6	156	
Do Record room	10	2 0		6 3	125	
Ventilators	6	4 0		4 0	96	
Do	15	4 0		1 6	90	
Archwork to Police guard — Rectangular portion	1	6 0		5 0	30	
Semi circular portion	1	14 1½	area		14	
Do — Rectangular portion	1	4 0		6 0	24	
Semi circular portion	1	6 3	area		6	
Do to Passage — Rectangular portion	1	5 7½		6 0	34	
Semi circular portion	1	12 4½	area		12	1127
Total Square feet						6430
Painting Doors & Windows						
Panel & Venetian Doors	8	4 0	2¾	8 0	704	
Do with glazed top	1	4 0	2¾	9 0	99	
Panelled Doors	5	4 0	2¼	8 0	360	
Carried over square feet					1163	

[P. W. D. Code, Edition of 1886—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward square feet					1163	
Iron grated door with battened shutters	1	4 0	2¾	8 0	88	
Do Do without shutters	4	4 0		8 0	128	
Iron grated windows with venetian shutters	6	4 0	3½	5 0	420	
Do Do with glazed top	6	4 0	3¼	6 9	594	
Do Do Do	10	2 0	3¼	6 3	406	
Tinned glazed ventilators	4	4 0		4 0	64	
Do wire netting do	2	4 0		4 0	32	
Do Do	11	4 0		1 6	66	
Do iron ventilators	4	4 0		1 6	24	
Total Square feet						2985
Painting wood work with 3 coats of zinc white paint						
2 Trusses 18' Span — Principal rafters	4	11 0		1 5	62	
Tie beams	2	15 0		1 9	57	
Struts	4	5 3		1 4	26	
Block on head of truss	2	2 6		1 3	6	
6 Trusses 16' Span — Principal rafters	12	9 6		1 3	143	
Tie beams	6	16 0		1 4	128	
Struts	12	5 0		1 4	80	
Block on head of trusses	6	2 6		1 3	19	
Carried over square feet						

10,000—25-9-90.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward Square feet						
Court — Purlins	2	29 0		1 7	92	
Court — wall purlins	2	29 0		1 5	82	
Court — Ridge beams	1	29 0		1 7	46	
Court — Common rafters	42	13 6		0 11	520	
Clerks room — Purlins	2	27 6		1 7	87	
Clerks room — wall purlins	2	27 6		1 5	78	
Clerks room — Ridge beams	1	27 6		1 7	43	
Clerks room — Common rafters	42	12 0		0 11	462	
Clerks room — Hip rafters	2	8 0		1 3	20	
Clerks room — Jack rafters	4	4 0		0 11	15	
Private room — Purlins	2	12 0		1 7	38	
Private room — wall purlins	2	12 0		1 5	34	
Private room — Ridge beams	1	12 0		1 7	19	
Private room — Common rafters	18	12 0		0 11	198	
Inspectors room — Purlins	2	14 0		1 7	44	
Inspectors room — wall purlins	2	14 0		1 5	40	
Inspectors room — Ridge beams	1	14 0		1 7	22	
Inspectors room — Common rafters	22	12 0		0 11	242	
Record room — Purlins	2	26 0		1 4	69	
Record room — wall purlins	2	26 0		1 3	65	
Record room — Ridge beams	1	26 0		1 5	37	
Record room — Common rafters	40	12 0		0 10½	420	
Police guard arms passage & Property room — Purlins	2	37 1½		1 4	136	
Police guard arms passage & Property room — wall purlins	2	51 1½		1 3	128	
Police guard arms passage & Property room — Ridge beams	2	51 1½		1 5	145	
Police guard arms passage & Property room — Common rafters	76	12 0		0 10½	798	
Carried over square feet						

[P. W. D. Code, Edition of 1885—Paras 921, 931.]

P. W. D. Form, No. M 204.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward Square feet						
Jail wards — Purlins	2	35 7		1 4	95	
Jail wards — wall purlins	2	35 7		1 3	89	
Jail wards — Ridge beam	1	35 7		1 5	50	
Jail wards — Common rafters	52	12 0		0 10½	546	
Jail wards — Hip rafters	2	15 0		1 3	38	
Jail wards — Jack rafters	8	6 0		0 10½	42	
Verandah — Posts	41	5 9		2 0	472	
Verandah — Cap over posts	41	3 0		0 6	62	
Verandah — Bressummers to Verandah	1	170 0		1 5	241	
Verandah — Do to Court yard	2	37 0		1 5	105	
Verandah — Rafters	75	10 0		1 0	750	
Verandah — Do to Court yard	52	10 0		1 0	520	
Verandah — Hip rafters to Verandah	6	13 0		1 3	98	
Verandah — Jack rafters	48	5 0		1 0	240	
Cane planks to Verandah	1	187 6		1 3	234	
Do to Court yard	2	37		1 3	93	
Do Main walls to Court	2	17 0		1 3	43	
Do Do to Clerks Privati & Inspectors room	2	58 0		1 3	145	
Do Record room around	1	84 0		1 3	105	
Do Police guard	1	112 9		1 3	141	
Do Jail wards back	1	38 6		1 3	48	
Barge board to Court	2	30 0				
Do to Cent rooms	2	26 0				
Do record room & jail wards	3	26 0		1 7	401	
Do	28	1 6				
Do	7	3 0				
		253 0				
Carried over square feet						9959

16,000—25-9-90.

ESTIMATE FORM - Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward square feet					9959	
Reepers					3875	
Total Square feet						12,834
Lead sheeting for valleys	6	12	1	6 5 lbs per s.ft	540	lbs
Teakwood Turned rails for Dais	1	23 0			23	Rg. feet
Rg: feet of Masonry drain from inside of court yard to the nearest nullah or side drain of the road					20	Rupees
Iron grating to the above	2				2	No
Punkah 10 feet long	1				1	No

5/ [illegible] 15/8/91

ESTIMATE FORM.--Abstract.

Quantity.	Description of Work.	Rate. as per Presidency Schedule	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
6,384 cub: ft.	Excavation for foundation	4.10 ..	1000 cft	76	
6,668 "	Concrete broken vitrified bricks in chunam	14.	100 cft	934	
9,223 "	Foundation & Basement with stock bricks in chunam	19.8 ..	"	1798	
10,552 "	Superstructure do do	20.8 ..	"	2163	
493 "	Flat archwork do do	22.8 ..	"	111	
51 "	Circular archwork do do	23.8 ..	"	12	
121 "	Cut stone work	2	"	242	
240 Sq: ft	Cuddapah slabs for ventilators including fixing & pointing with cement	24.8 ..	100 sft	59	
927 cub ft.	Teakwood wrought & put up	3 8 ..	cft	3245	
542 lbs	Wrought iron work for trusses	.. 3 ..	lb	102	
8479 S. ft:	Tiled roofing with flat & pan-tiles including teak reepers	14.1 ..	100 sft	1192	
256 "	Teakwood panel & venetian doors with frames 3½" x 5" hinges hooks & other fittings complete	1 1 ..	S. ft	272	
36 "	Do Do with glazed top frames 3½" x 5" hinges & other fittings complete.	1 2 ..	"	41	
160 "	Do Panel doors with frames 3½" x 5" hinges & other fittings complete	.. 14 ..	"	140	
	Carried over			10,387	

Grand Total of Estimate ..

Station ——————
Dated —————— 189

Executive Engineer

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.

PARAS. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. FORM,
No. M 207.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate. as per Municipality Schedule	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward			10,357	
32 Sqft:	Iron grated door with battened shutters & fittings &c to Property room	2.7	Sqft	78	
128 "	Iron grated door with frames stronginon fastenings &c to wards	1.13	"	232	
120 "	Iron grated windows with Venetian shutters frames & other fittings complete	2 8	"	300	
284 "	Do. Do with glazed top	2 8	"	718	
64 "	Fixed glazed ventilators with frames &c complete	1 2	"	96	
98 "	Fixed iron wire netting ventilators with frames complete	" 11	"	67	
24 "	Fixed iron ventilators reared in stone blocks to jail wards	2 8	"	60	
6083 Cft:	Filling in basement	5	1000 Cft	30	
4695 sqft:	Levelling course of concrete 6" thick under flooring	7	100 Sft	329	
4422 "	Flooring with 8" square bricks in Chunam & pointing with Portland cement	7.3	"	318	
988 "	Flooring with asphalte 3/4" thick well pubbed over	17.5	"	171	
	Carried over			12756	

Grand Total of Estimate ..

STATION _____

Dated _____ 189 .

Executive Engineer

40,000—23-8-90.

Reference to Madras P. W. D. Code,
Edition of 1880.

Paras. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. Form,
No. 207.

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

40

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate. as per Municipal Schedule.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			12,786	31-2
11,964 S.ft.	Plastering with 2 coats of Chunam polished inside	2 8 -	100 S.ft	299	52
6430 "	Pointing with tar & asphalte	2 5 -	"	161	
2986 "	Painting doors & windows with 3 coats of Corsons oak paint	2 12 -	"	82	
12834 "	Do woodwork with 3 coats of zinc white paint	2 12 -	"	353	
540 lbs	Lead sheeting for valleys	- 3 -	lb.	101	
23 Rg.ft.	Teakwood turned pails for doors	1 8 -	Rft.	35	
	Cost of Masonry Dam from inside of Court yard to the nearest Nullah or side Drain of the road			20	
2 Nos	Iron gratings to the above Dain	" 8 -		1	
1 No	Teakwood punkahs 10 ft. long with brown holland fringes brass wheels, hooks & other fittings including suspenders & pulling ropes &c complete	20 - -	"	20	13858
	Petty Supervision	2 8 -	Percent	348	
	Contingencies	5 - -	"	694	1042
				Grand Total of Estimate ..	14,900

Station Chupak
Dated 15th May 1891.

Consulting Architect to
~~Executive Engineer.~~
Government

21-5-91

40,000—23-8-90.

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.

PARAS. 921, 932, &c., 949, 952—955, 962—964.

P. W. D. FORM,
No. Q 207.

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work— Revised standard designs for a Deputy Tahsildar's Cutcherry — with Tiled roofing

Amount of Estimate, Rs.— 14,900

To be carried out by—

REFERENCES.

G.O. dated 19th November 1891 No. 5959 Rev Lr D

REVENUE DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read again G.O. dated 16 June 1891

No 3529 referring to the Commissioner of Land Revenue for remarks & endorsement of the Public Works Department dated 25th May 1891 No 255 D. forwarding standard designs and Shedule of quantities for a Deputy Tahsildar's Cutcherry with tiled and terraced roofing for approval.

Read again the following G.O. dated 8 August 1891 No 4390. on Proceedings of the Board of Revenue (Land Revenue) dated 18th July 1891 No 5019-

Resolution. The designs for Deputy Tahsildars offices are submitted to Government with an expression of the Board's approval of them. The designs have been prepared in accordance with the Board's suggestions made to the Consulting Architect in a memo a copy of which has been already furnished to Government with Board's Proceedings dated 12th May 1891 No 3284

2. The Inspector General of Police has been consulted as to the accomodation required for the Police and his recommendations have been duly attended to.

3. It is not known if Mr. Irwin has consulted the Inspector General of Jails as to the accomodation required for his department. The Board Consider however that ample provision has been made for

P. W. CURRENT No. 12/5-4

for that department also.

Endorsement.

Forwarded to the Judicial Department with the request that the Inspector General of Jails may be asked to State whether sufficient accomodation has been provided for the requirements of this department in the proposed plan for the Deputy Tahsildar's cutcherries.

Recd: 19.11.91
Enclos 13 Sheets

Read also the following Proceedings of the Judicial Department dated 7th September 1891 No 1817 on letter from the Inspector General of Jails dated 19th August 1891 No 317.

Order. The Revenue Department will be informed that the accomodation provided in the plan for Deputy Tahsildars' Sub-jails is considered sufficient.

Order thereon 19th November 1891 No. 5959.

The revised type design for Deputy Tahsildar's offices prepared by the Consulting Architect is approved and returns forwarded to the Department of Public Works for general adoption.

(True extract)

Secretary to Govt.

To the P. W. D. with plans & Encls.
Copy to the Comrs of Land Revenue.

No. 1495 W 4/3-4
" 1062 W - 15-6-87
" 2821 W - 24-10-90
" 5343 C - 17-12-90
" 5188 C - 12-12-90
" 164 C - 15-1-91
" 456 W - 17-2-91
" 1536 W - 5-6-91
" 255 D - 25-5-91
" 163 D - 6-5-91
" 315 D - 6-6-91
" 1716 W - 11-7-91
" 713 D - 15-8-91
" 740 D - 15-8-91
" 2121 W - 7-8-87
" 2287 W - 24-8-91
" 2308 W - 26-8-91
" 786 D - 1-9-91
" 912 D - 19-9-91
" 4466 C - 13-10-91
" 4556 C - 17-10-91
" 4637 C - 22-10-91
" 4749 C - 28-10-91
" 4861 C - 3-11-91
" 3023 W - 11-11-91

P. W. D.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
15th May 1891.

No. 626

From

Henry Irwin, Esq., C.I.E.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department.

Sir,

8 Enclosures.
" No. 1638/5.5.91

In continuation of this office No 396 dated 29th April 1891. I have the honor to submit revised standard designs for a Deputy Tahsildars Cutcherry with tiled and terraced roofing with specifications & schedules of quantities.

I have the honor to be
Sir
Your most Obedient Servant

Henry Irwin
Consulting Architect
to Government

Public Works Department.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer
P. W. D.

No. 626

Dated 15th } May 1891.
Received 19 }

No. of Enclosures. 8

Subject.

Submitting standard designs & schedule of quantities for a Dy. Tahsildar's Cutcherry with tiled & terraced roofing.

No. 253 D dated 25th May 1891

Forwarded in continuation of endorsement No. 1632 dated 6th May 1891, to the Revenue Department for the approval of Government.

A. Smith Lt-Col. R.E.
Ag. Jt. Secy. to Govt.
P.W.D.

PUBLIC WORKS DEPARTMENT.

No 3122 W dy 20-Nov/91

PROCEEDINGS OF THE MADRAS GOVERNMENT.

21/12/91

READ the following

From the C.A. to Govt. No 626 dy 15. 5. 91
Endr P. W. dept. " 253 D dy 25. 5. 91
Proc. Rev. dept. " 5959 dy 19. 11. 91

The revised type design for second class taluk offices, with schedules of quantities and descriptive specifications, will be circulated to offices of the P. W. dept for information and guidance in continuation of G.O. No 3023 W dy 11th Nov. 1891.

Plans returned 23/12/91

To Subordinates
C.A. to Govt
Rev. dept
Endr Dept

dy 7/12

dy 19.11.91

C.N° 12157

Govt: of (1891) Madras.

PUBLIC WORKS.

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upply of water

57

20-x-91 … 3/21

Second class taluk office

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The revised type designs for ——, with schedules of quantities & descriptive specifications circulated to offices of the P.W.D. for information & guidance.