P. W. D

G.O. NO: 2393 (W)
dt. 19. 9. 1893

2393/1

19th September 1893, No. 2393 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

Office-note to the Consulting Architect to Government, dated Madras, 17th September 1892, No. 4190 C.

As the dimensions of doors and windows detailed in the working drawings for taluk offices submitted with your No. 1477, dated 6th August 1892, for circulation to officers, are not in accordance with the instructions contained in appendix G to Standard Specification, it is proposed to revise the schedule of quantities circulated with G.O., No. 3023 W., dated 11th November 1891, and to issue amended copies; please therefore revise the estimates for tiled and terraced roofs accordingly.

2. The enclosed errata sheet shows the corrections considered necessary by this office. Similar corrections will be needed in the schedule of quantities for terraced buildings. The corrections pointed out are subject to amendment and verification in your office.

Office-note from the Consulting Architect to Government, dated 8th March 1893, No. 3569.

The printed estimate (corrected in red ink) for tiled and terraced roofs of the first-class taluk offices, revised in accordance with the working drawings of doors, windows, &c., circulated with G.O., No. 2489 W., dated 7th September 1892, is herewith forwarded.

The enclosures received with the above are herewith returned.

Order—dated 19th September 1893, No. 2393 W., Public Works.

The revised specifications and schedules of quantities to accompany the type plans of taluk offices are circulated in supersession of those issued with 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. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1893} Madras.

PUBLIC WORKS.

Dated September, 19*th*.

Read. *Encl.*

G.O., 19th Sept. 1893, No. 2393 W.

SEPTEMBER.

Taluk Offices

Circulating revised specifications and schedules of quantities to accompany type plans of —.

2393/2

Annexure to G.O., No. 2393 *W., dated* 19*th September* 1893.

REVISED STANDARD DESIGN FOR TAHSILDAR'S CUTCHERRY WITH TERRACED ROOFING ACCORDING TO DRAWINGS SIGNED BY THE CONSULTING ARCHITECT TO GOVERNMENT.

Descriptive Specification.

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

Walling.—The walls should be carried up in English bond according to the various thicknesses shown on the drawing. $2\frac{1}{2}$ bricks, 2 bricks, and $1\frac{1}{2}$ bricks thick.

Stonework.—Stone slabs should be placed at the bearing of all beams, lintels over ventilators, and sill stones to doorways. The steps may also be of stone, if procurable without great expense.

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

Doors.—The doors and windows to be of well-seasoned Burma teakwood. All doors opening into verandahs will be of $\frac{1}{3}$ panel and $\frac{2}{3}$ venetians. Inner doors to be panelled throughout. Iron grated door to be provided between the treasury and cashier's rooms. The arms and property rooms provided with strong battened shutters. The windows of treasury to be iron grated. The windows for the record and property rooms will have venetianed shutters openingoutside with fixed glazed heads and one 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″ 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 rear 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.

Cornice.—Cuddapah or any other similar slabs resting on back 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.

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″ 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-rooms and jail wards.

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

Masonry receptacles should be provided in the treasury-room for holding cash-chests after ascertaining from the local revenue authorities the number and size and description of the same.

The iron railed gate at A and the doors at C and D in the cashier's room marked on the plan to be left open at nights, the police sentry to go round the treasury through the passage AB and doors CD.

The different kinds of work to be executed in general accordance with the standard specifications 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 walls, four sides	2	92 0	4 0	5 0	3,680	
Dais for do.	2	18 0	2 0	0 9	54	
Do. for steps	4	4 6	2 0	0 9	27	
Cashier's and clerks' room, walls four sides	1	113 0	4 0	5 0	2,260	
Do. do. cross walls	1	15 6	4 0	5 0	310	
Front and rear walls between do. and Court walls	4	35 9	4 0	5 0	2,860	
Do. private rooms	4	12 6	4 0	5 0	1,000	
Ends and cross walls of do.	6	15 6	4 0	5 0	1,860	
Partition wall between station record-room	1	6 9	3 7½	5 0	122	
Police guard, arms, &c., and record-rooms, walls three sides	2	136 6	4 0	5 0	5,460	
Male wards at back	2	33 0	4 0	5 0	1,320	
Cross walls to do.	6	13 6	5 7½	5 0	1,468	
Property room	1	24 3	4 0	5 0	485	
Front verandah	1	215 6	4 0	5 0	4,310	
Rear do.	2	55 9	4 0	5 0	2,230	
Court-yard, verandah all round	1	59 6	4 0	5 0	1,190	
Tower	1	6 6	10 6	5 0	341	
Steps	5	19 0	2 3	0 9	160	
Do. for yard	1	6 6	1 3	0 9	6	
Total Cubic feet	..	..	..	..	..	29,143
Concrete.						
Court walls, four sides	2	92 0	4 0	2 0	1,472	
Dais for do.	2	20 0	2 0	0 9	60	
Do. for steps	4	4 6	2 0	0 9	27	
Cashier's and clerks' rooms, walls four sides	1	113 0	4 0	2 0	904	
Do. do. cross walls	1	15 6	4 0	2 0	124	
Front and rear walls between do. and courts	4	35 9	4 0	2 0	1,144	
Front and rear walls of private-rooms	4	12 6	4 0	2 0	400	
End cross walls of do.	6	15 6	4 0	2 0	744	
Partition wall between station record-rooms	1	6 9	3 7½	2 0	49	
Police guard, arms, &c., and record-rooms, walls three sides	2	136 6	4 0	2 0	2,184	
Male wards at back	2	33 0	4 0	2 0	528	
Cross walls to do.	6	13 6	3 7½	2 0	587	
Property room	1	24 3	4 0	2 0	194	
Front verandah	1	215 6	4 0	2 0	1,724	
Rear do.	2	55 9	4 0	2 0	892	
Court-yard, verandah all round	1	59 6	4 0	2 0	476	
Tower	1	6 6	10 6	2 0	137	
Steps	5	19 0	3 3	0 9	232	
Do. for yard	1	6 6	2 3	0 9	11	
Total Cubic feet	..	..	..	..	..	11,889
Brickwork in foundation.						
Footings—						
Court walls, four sides	2	92 0	2 9	1 6	759	
Cashier and clerk's rooms, walls four sides	1	113 0	2 9	1 6	466	
Cross walls of do.	1	16 9	2 9	1 6	69	
Front and rear walls between do. and courts	4	37 0	2 9	1 6	611	
Do. private rooms	4	12 6	2 9	1 6	206	
Ends and cross walls of do.	6	16 9	2 9	1 6	415	
Partition wall between station record-rooms	1	8 0	2 4½	1 6	20	
Police guard, arms, &c., and record-room, walls three sides	2	137 3	2 9	1 6	1,136	
Male wards at back	2	34 3	2 9	1 6	283	
Cross walls to do.	6	14 9	2 4½	1 6	316	
Property room	1	25 6	2 9	1 6	165	
Front verandah	1	218 9	2 9	1 6	894	
Rear do.	2	57 0	2 9	1 6	470	
Court-yard, verandah all round	1	60 9	2 3	1 6	231	
Tower	1	6 6	9 3	1 6	90	
Above footings to ground level court, walls four sides	2	92 0	2 0	1 6	552	
Cashier and clerks' rooms, wall four sides	1	113 0	2 0	1 6	339	
Cross walls of do.	1	17 6	2 0	1 6	53	

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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 foundation—cont.						
Footings—*cont.*						
Front and rear walls between cashier's and clerks' rooms and court	4	37 9	2 0	1 6	453	
Do. private rooms	4	12 6	2 0	1 6	150	
End and cross walls of do.	6	17 6	2 0	1 6	315	
Partition wall between station record-rooms	1	3 9	1 7½	1 6	21	
Police guard, arms, &c., and record-rooms, wall three sides	2	138 6	2 0	1 6	831	
Male wards at back	2	35 0	2 0	1 6	210	
Cross walls to do.	6	15 6	1 7½	1 6	227	
Property rooms	1	26 3	2 0	1 6	79	
Front verandah	1	217 6	2 0	1 6	653	
Rear do.	2	57 9	2 0	1 6	347	
Courtyard, verandah all round	1	61 6	2 0	1 6	185	
Tower	1	6 6	8 6	1 6	83	
Total Cubic feet of foundations	..	..	..	..	..	10,597
Basement—						
Court walls, four sides	2	92 0	2 0	2 0	736	
Dais for do.	2	20 3	1 6	2 0	122	
Do. for steps	4	4 6	2 0	2 0	72	
Cashier's and clerks' room, walls four sides	1	113 0	2 0	2 0	452	
Cross walls for do.	1	17 6	2 0	2 0	70	
Front and rear walls between do. and courts	4	37 9	2 0	2 0	604	
Do. and private room	4	12 6	2 0	2 0	200	
End and cross walls	6	17 6	2 0	2 0	420	
Partition wall between station record-room	1	8 0	1 7½	2 0	28	
Police guard, arms, &c., and record-room, walls three sides	2	138 6	2 0	2 0	1,108	
Male ward at back	2	35 0	2 0	2 0	280	
Cross wall to do.	6	15 6	1 7½	2 0	302	
Property room	1	26 3	2 0	2 0	105	
Front verandah	1	217 6	2 0	2 0	868	
Rear do.	2	57 9	2 0	2 0	462	
Court yard do.	1	61 6	2 0	2 0	246	
Tower	1	6 6	8 6	2 0	111	
Steps	5	16 6	2 0	0 8½	113	
Do. to yard	1	6 6	1 0	0 5½	3	
Total Cubic feet of basement	..	..	..	..	..	6,302
Total Cubic feet of foundation and basement	..	..	..	..	..	16,899
Superstructure.						
Court, walls four sides	2	92 0	1 6	20 0	5,520	
Dais	2	20 6	1 3	1 6	77	
Do. steps	4	4 0	2 0	0 9	24	
Cashier's and clerks' rooms, wall four sides	1	113 0	1 6	20 0	3,390	
Cross wall do.	1	18 0	1 6	20 0	540	
Front and rear wall between do. and courts	4	38 3	1 6	16 0	3,672	
Front and rear walls and private room	4	12 6	1 6	16 0	1,200	
End and cross walls of do.	6	18 0	1 6	16 0	2,592	
Partition wall between station record-rooms	1	9 3	1 1½	15 3	159	
Police guard, arms, &c., and record room, wall three sides	2	139 0	1 6	12 0	5,421	
Male wards at back	2	35 6	1 6	13 0	1,385	
Cross walls to do.	6	16 0	1 1½	12 3	1,323	
Property room	1	26 9	1 6	12 0	482	
Front verandah	1	218 0	1 6	12 0	3,924	
Rear do.	2	58 0	1 6	12 0	2,088	
Court-yard do.	1	62 0	1 6	12 0	1,116	
Tower up to the level of verandah terrace	1	6 6	8 0	12 0	624	
Wall above do.	1	27 0	1 3	17 0	574	
Binding wall over cross walls	5	18 0	1 6	1 0	135	
	6	16 6	1 1½	1 0	108	
Do. to police guard, arms, &c.	1	60 0	1 6	1 0	90	
Do. to record-room	1	16 0	1 6	1 0	24	
Do. to male wards	1	37 0	1 6	1 0	56	
Masonry projection inside—						
Arches, 6½	38	12 0	1 0	0 6	228	
Do. 5	6	10 0	1 0	0 6	30	

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.						
Masonry projection inside—*cont.*						
Arches, 4'	3	8 0	1 0	0 6	12	
String course over arches	38	13 0	0 3	0 3	31	
	6	10 0	0 3	0 3		
Do. gothic windows to private rooms	3	8 0	0 3	0 3	4	
Do. record and property rooms	2	10 0	0 3	0 3	2	
	17	7 0	0 3	0 3	1	
Do. do. tower	1	10 0	0 3	0 3	7	
Do. ventilators	8	7 0	0 3	0 3	1	
Corbels below Cuddapah slabs, coping	18	5 0	0 3	0 3	6	
	230	1 3	0 9	0 6	108	
Deductions—						34,953
Doors to courts and other rooms	20	4 6	1 6	8 9	1,181	
	2	4 0	1 6	8 9		
Do. to wards, arms and property room	6	4 0	1 6	8 9	165	
	1	4 0	1 6	7 9	279	
Openings at passage near treasury	2	4 6	1 6	7 9	35	
Windows	13	4 0	1 6	8 9	118	
Do. private rooms including gothic portion	2	4 0	1 6	5 9	449	
Do. recess	15	4 0	1 6	8 6	102	
Windows to record-room	15	2 0	0 9	3 0	135	
	1	4 0	1 6	6 0	270	
Do. recess do.	15	2 0	1 6	7 0	42	
	1	4 0	0 9	3 0	68	
Do. to arms room	1	4 0	1 6	5 9	9	
Do. recess	1	4 0	0 9	3 0	35	
Do. to property room	2	2 0	1 6	3 0	9	
Do. recess	2	2 0	0 9	6 0	36	
Ventilators to courts, cashier's and clerks' room	16	4 0	1 6	3 0	9	
	14	4 0	1 6	4 0	384	
Do. other office room	8	4 0	1 6	1 6	126	
Do. to wards	10	4 0	1 6	1 6	162	
Tower—					96	
Hollow portion	1	23 9	Area	12 0	285	
Doorway in ground	1	2 6	1 6	6 0	23	
Do. on terrace	1	2 6	1 3	6 0	19	
Windows	8	1 6	1 3	4 0	60	
Loop holes	3	0 6	1 3	2 6	5	
Archway to police guard room and passage, rectangular portion	4	5 0	1 6	5 6	165	
Gothic portion	4	2 10	Area	1 6	59	
Verandah, gothic arches, rectangular portion,	32	6 6	1 6	5 0	1,560	
Gothic portion	62	18 6	Area	1 6	888	
Arches at ends, rectangular portion	6	5 0	1 6	5 0	225	
Gothic portion	6	15 0	Area	1 6	135	
Archway in head { Rectangular portion. accountant's room. { Semi-circular do.	2	10 0	1 6	7 0	210	
Verandah, gothic arches, rectangular portion	2	39 3	Area	1 6	118	
Gothic portion	2	4 0	1 6	5 0	20	
Gothic arches, court-yard—	2	12 0	Area	1 6	36	
Rectangular portion	6	6 6	1 6	5 6	293	
Gothic do.	6	18 6	Area	1 6	167	
Rectangular do.	1	4 0	1 6	5 0	30	
Gothic do.	1	12 0	Area	1 6	18	
Lintels for ventilators to courts, treasury and clerk's rooms.	16	5 0	1 6	0 6	60	
	14	5 0	1 8	0 4½	44	
Do. do. to wards	18	5 0	1 8	0 4½	56	
Sill stones to doorways	10	5 0	1 8	0 4½	31	
Do. do.	17	5 6	1 6	0 6	70	
Do. do.	3	5 0	1 6	0 6	11	
Do. do.	3	6 6	1 6	0 6	15	
Do. for iron doors to jail wards	1	5 0	1 6	0 6	3	
Do. do. at recess	5 × 5	1 3	1 1½	0 6	14	
Bed plates under beams to courts	5 × 1	3 0	0 10½	0 6	34	
Do. clerk's rooms	8	1 6	1 6	1 6	6	
Do. record-room	10	1 6	1 6	0 4	8	
Do. to wards and guard	10	1 6	1 6	0 4	8	
Lintels over large ventilators and lights	8	1 6	1 6	0 4	6	
Do. small do. do.	16	5 0	1 6	0 4	60	
Do. over jail ventilators	32	5 0	1 6	0 6	160	
Stones to treasury doors and windows	10	5 0	1 8	0 4½	31	
Archwork as per details	5 × 4	1 3	0 6	0 11	12	
Total Cubic feet	..	..	..	..	1,875	10,426
						24,532

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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.						
Ornamental parapet walls—						
Court walls	2	93 0	1 3	2 3	523	
Cashier and 12 clerks' rooms	1	114 0	1 3	2 3	321	
Head accountant and 8 clerks' rooms	2	38 3	1 3	2 3	215	
Station record-room—						
Inspectors' passage and treasury	2	38 3	1 3	2 3	215	
Private room	2	43 6	1 3	2 3	245	
Front verandah	1	218 6	1 3	2 3	615	
Rear do.	2	58 3	1 3	2 3	328	
Courtyard, verandahs all round	..	100 6	1 3	2 3	283	
Police guard, arms, wards and record-room	1	176 6	1 3	2 3	495	
Tower all round	1	27 0	1 1½	2 3	68	
Total Cubic feet	..	..	..	..	..	3,308
Flat archwork.						
Doors to court and other office rooms	19	6 0	1 6	1 1½	192	
Do. to treasury	3	6 0	1 6	1 1½	30	
Do. over openings at passage near treasury	2	6 0	1 6	1 1½	20	
Do. to wards, arm and property room	6	5 6	1 6	1 1½	56	
	1	5 6	1 6	1 1½		
Do. to tower (in ground)	1	4 0	1 6	1 1½	7	
Do. do. (on terrace)	1	4 0	1 3	1 1½	7	
Windows to courts and other office rooms	13	5 6	1 6	1 1½	6	
Do. to arms rooms	1	5 6	1 6	1 1½	121	
Total Cubic feet of flat archwork	..	..	..	..	9	
					..	448
Circular and gothic archwork.						
Windows to private rooms	2	9 3	1 6	1 1½	31	
Do. to record and property room	17	6 0	1 6	1 1½	172	
Do. to record-room	1	9 6	1 6	1 1½	16	
Do. to tower	8	5 3	1 3	1 1½	59	
Archway to police guard and passage	4	10 3	1 6	1 1½	69	
Do. to head accountant's room	2	18 0	1 6	1 6	81	
Verandah arches	32	13 1½	1 6	1 1½	709	
	6	10 9	1 6	1 1½	109	
	2	9 3	1 6	1 1½	31	
Verandah to courtyard	6	13 3	1 6	1 1½	134	
	1	9 3	1 6	1 1½	16	
Total Cubic feet of circular archwork	..	..	..	..	..	1,427
Cornice work.						
Around inside of court-room	2	84 6	..	..	169	
Do. to clerks' room, large	1	82 6	..	..	83	
Do. head accountant's room	1	66 6	..	..	67	
Do. clerks' room	1	76 0	..	..	76	
Do. treasury room	1	54 6	..	..	55	
Do. cashier's room	1	54 6	..	..	55	
Do. inspector's room	1	54 6	..	..	55	
Do. station record rooms	2	33 10½	..	..	68	
Do. private rooms	2	56 6	..	..	113	
Do. passage	1	43 6	..	..	44	
Total Running feet	..	..	..	..	..	785
Cut stonework.						
Slabs under beams to courts	8	1 6	1 6	0 4	6	
Do. clerks' rooms	10	1 6	1 6	0 4	8	
Do record-room	10	1 6	1 6	0 4	8	
Do. wards	8	1 6	1 6	0 4	6	
Do. for steps	5	18 6	3 3	0 5½	138	
Do. to yards	1	6 6	3 3	0 5½	10	
Lintels over large ventilators and lights	16	5 0	1 6	0 6	60	
Do. small ventilators	32	5 0	1 8	0 4½	100	
Do. over jail ventilators	10	5 0	1 8	0 4½	31	
Stone sill for doorways	17	5 6	1 6	0 6	70	
Do. do.	3	5 0	1 6	0 6	11	
Do. for iron grated door	3	6 6	1 6	0 6	15	
Do. do.	1	5 0	1 1½	0 6	3	
Do. for jail doors	5 × 5	1 3	0 10½	0 6	14	
Do. do. for recess	5 × 1	3 0	1 6	1 6	34	
Stones for gates	2 × 2	1 6	1 3	0 6	4	
Do.	2 × 1	0 9	0 9	0 6	1	
Do.	2 × 2	1 3	0 6	0 11	2	

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
Cut stonework—cont.						
Windows of treasury	2 × 4	1 3	0 6	0 11	5	
Iron grated ventilators, jail wards	10 × 4	1 6	1 0	0 9	45	
Stones for treasury and cashier's room doors	3 × 4	1 3	1 6	0 11	7	
Total Cubic feet						578
Cuddapah slabs for coping 2 inches thick.						
Courts	2	100 0				
Cashier's and clerks' room, large	1	120 0				
Head accountant and clerks' room	2	38 3				
Station records room, inspectors' and treasury room	2	38 3				
Private rooms	2	47 0				
Front verandahs	1	221 6	3 6	..	4,254	
Rear do.	2	59 9				
Courtyard do.	1	95 6				
Police guard, arms, &c., record room and male wards	1	179 0				
Tower	1	33 0				
Ventilators to courts, cashiers' and clerks' rooms	12 × 5					
	14 × 2	5 0	1 6	..	1,080	
Do. other office rooms	18 × 2					
Do. to wards	10 × 2					
Total Square feet						5,334
Teakwood, wrought and put up.						
Courts—						
Beams	2 × 2	20 6	1 0	1 4	109	
Joists, 18″ apart	2 × 13	28 0	0 3	0 5	76	
Clerks' room, small—						
Beam	1	20 6	1 0	1 4	27	
Joists, 18″ apart	13	23 0	0 3	0 6½	41	
Treasury room, joists, 18″ apart	13	11 6	0 3	0 6½	20	
Head accountant's room—						
Beams	2	20 6	0 7	1 4	32	
Joists, 18″ apart	13	17 6	0 3	0 4	19	
Cashier's room, joists 18″ apart	13	11 6	0 3	0 6½	20	
Passage do.	13	6 0	0 3	0 5	8	
Inspector's room, joists	13	11 6	0 3	0 6½	20	
Station record-room, joists	2 × 6	10 9	0 3	0 6	16	
Private room, joists	2 × 13	12 6	0 3	0 7	47	
Record-room—						
Beams	5	18 6	1 0	1 2	108	
Joists	12	64 6	0 3	0 7	113	
Male wards and passage at back—						
Beams	2	18 6	0 10½	1 2	38	
Joists	12	3 68	0 3	0 5	48	
Female wards, joists	2 × 12	8 7½	0 3	0 5	22	
Ward—						
Beam	1	18 6	0 10½	1 2	19	
Joists	12	16 1½	0 3	0 5	20	
Arms room joists	12	11 0	0 3	0 6½	18	
Police guard—						
Beam	1	18 6	0 10½	1 2	19	
Joists	12	17 0	0 3	0 5	21	
Verandah beam at angles	6	12 3				
Do. cross	2	9 3	0 5	0 7½	24	
Joists, 18″ apart	240	8 9				
Do. at angles	12	6 9				
Do. do.	12	5 3	0 3	0 5	241	
Do. do.	12	3 9				
Tower, joists	12	2 3				
Wall plates to courts	5	6 9				
Do. clerks and cashiers' room	2 × 2	10 0	0 3	0 4	3	
Do. clerk-accountant's room	3	19 0	0 4	0 3	6	
Do. treasury, passage, &c., rooms	3	19 0	0 4	0 3	5	
Do. private rooms	5	19 0	0 4	0 3	5	
Do. record-room	2 × 2	19 0	0 4	0 3	8	
Do. police guard and arms rooms, &c.	2	17 0	0 4	0 3	3	
Do. rear male wards	6	17 0	0 4	0 3	6	
Do. property room	4	17 0	0 4	0 3	9	
	2	19 0	0 4	0 3	6	
						3

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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
Teakwood, wrought, and put up—cont.						
Wall plates to tower	2	6 6	0 3	0 3	1	
Do. front verandah	1	420 6	0 4	0 3	35	
Do. rear verandahs	2	100 6	0 4	0 3	17	
Do. courtyard verandahs	1	163 0	0 4	0 3	14	
Total Cubic feet						1,347
Terraced roofing.						
Courts	2	26 0	19 0	..	988	
Clerks' room, small	1	21 9	19 0	..	413	
Head Accountant's room	1	17 0	19 0	..	323	
Clerks' room, large	1	25 0	19 0	..	475	
Treasury do.	1	11 0	19 0	..	209	
Cashier's do.	1	11 0	19 0	..	209	
Passage	1	5 6	19 0	..	105	
Inspector's room	1	11 0	19 0	..	209	
Station records room	1	10 3	19 0	..	195	
Private room	2	12 0	19 0	..	456	
Police guards, &c., and record room	2	61 0	17 0	..	2,074	
Male wards at back	1	36 6	17 0	..	621	
Property room	1	19 0	8 3	..	157	
Front verandah	1	204 0	8 3	..	1,683	
Rear do.	2	50 3	8 3	..	829	
Courtyard	1	80 6	8 3	..	664	
Tower	1	6 3	6 3	..	39	
Total Square feet						9,649
Doors.						
Teak panel and venetian doors with frames, hinges, hooks and other fittings, complete, door opening into verandah	16	3 10	..	8 2	501	
Teak panelled doors with frames, inner doors.	3	3 10	..	8 2	145	
	2	3 4	..	7 8		
Do. doors with frames to tower	2	2 1	..	5 6	23	168
Teak strong battened doors with frames to property room and arms	2	3 4	..	7 2	48	48
Grated door with frames, &c., without shutters for jail wards and treasury.	5	4 0	..	8 0	160	201
	1	4 6	..	9 0	41	
Windows.						
Venetian windows with glazed shutters inside frames, 3″ × 5″ hinges, hooks, bolts and other fittings, complete	11	3 6	..	5 6	212	212
Do. do. with glazed top to private rooms	2	3 6	..	8 3	58	58
Iron grated windows with iron fittings to treasury	2	4 0	..	6 0	48	48
Battened windows with frames, iron bars and other fittings, complete, to arms room	1	3 6	..	5 6	19	19
Venetian windows with frames, Gothic glazed heads, iron bars and brass fastenings, &c., to record and property rooms.	17	1 7	..	5 10	158	214
	1	3 6	..	7 0	25	
Do do. to tower	8	1 1	..	3 7	31	
Pairs of iron grated gate shutters for passage and Police guard, complete.	1	4 0	..	6 0	24	54
	1	5 0	..	6 0	30	
Ventilators.						
Ventilators with fixed glazed shutters, frames, &c., in Court-rooms	4	3 6	..	3 6	49	49
Ventilators with fixed wire netting and iron bars, frames, &c., treasury room	2	4 0	..	1 6	12	12
Ventilators without iron bars	12	4 0	..	4 0	192	372
	30	4 0	..	1 6	180	
Iron barred ventilator loaded in stone blocks for jail wards	10	4 0	..	1 6	60	60
Filling in basement.						
Courts	2	24 6	17 6	1 6	1,286	
Dais	2	6 6	5 9	1 6	112	
Clerks' room, small	1	20 3	17 6	1 6	532	
Head Accountant's room	1	15 6	17 6	1 6	407	
Clerks' room, large	1	23 6	17 6	1 6	617	
Treasury	1	9 6	17 6	1 6	249	

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.						
Cashier's room	1	9 6	17 6	1 6	249	
Passage	1	4 0	17 6	1 6	105	
Inspector's room	1	9 6	17 6	1 6	249	
Station record rooms	2	8 9	7 11½	1 6	208	
Private room	2	10 6	17 6	1 6	551	
Property room	1	6 9	17 6	1 6	177	
Record room	1	59 6	15 6	1 6	1,383	
Police guard	1	15 0	15 6	1 6	349	
Arms room	1	9 6	15 6	1 6	221	
Male wards	1	14 6	15 6	1 6	337	
	2	13 7½	15 6	1 6	634	
Female wards	2	7 0	15 6	1 6	326	
Passage	1	4 6	15 6	1 6	105	
Front verandah	1	198 0	6 9	1 6	2,005	
Rear do.	2	48 9	6 9	1 6	987	
Courtyard verandah	1	78 6	6 9	1 6	795	
Total Cubic feet	..	..	..	..	..	11,884
Levelling course of concrete.						
Six-inch thick under flooring—						
Courts	2	24 6	17 6	..	858	
Eight clerks' room	1	20 3	17 6	..	354	
Head Accountant's room	1	15 6	17 6	..	271	
Twelve clerks' room	1	23 6	17 6	..	411	
Treasury room	1	9 6	17 6	..	166	
Cashier's do.	1	9 6	17 6	..	166	
Passage	1	4 0	17 6	..	70	
Inspector's room	1	9 6	17 6	..	166	
Station records	2	8 9	7 11½	..	139	
Private rooms	2	10 6	17 6	..	368	
Property room	1	6 9	17 6	..	118	
Record room	1	59 6	15 6	..	922	
Police guard room	1	15 0	15 6	..	232	
Arms room	1	9 6	15 6	..	148	
Male and female wards	1	14 6	15 6	..	224	
	2	13 7½	15 6	..	422	
Female wards	2	7 0	15 6	..	217	
Passage	1	4 6	15 6	..	70	
Front verandah	1	198 0	6 9	..	1,336	
Rear do.	2	48 9	6 9	..	658	
Courtyard verandah	1	78 6	6 9	..	530	
Courtyard	1	24 6	26 6	..	649	
Total Square feet	..	..	..	..	..	8,495
Flooring 8" square bricks in chunam and pointing with Portland cement.						
Courts	2	25 0	18 0	..	900	
Clerks' room, small	1	20 9	18 0	..	374	
Head Accountant's room	1	16 0	18 0	..	288	
Clerks' room, large	1	24 0	18 0	..	432	
Treasury do.	1	10 0	18 0	..	180	
Cashier's do.	1	10 0	18 0	..	180	
Passage	1	4 6	18 0	..	81	
Inspector's do.	1	10 0	18 0	..	180	
Station records	2	8 5½	9 3	..	156	
Private rooms	2	11 0	18 0	..	396	
Property do.	1	7 3	18 0	..	131	
Police guard	1	15 6	16 0	..	248	
Arms room	1	10 0	16 0	..	160	
Passage	1	5 0	16 0	..	80	
Front verandah	1	200 0	7 3	..	1,450	
Rear do.	2	49 3	7 3	..	714	
Courtyard verandah	1	80 0	7 3	..	580	
Courtyard	1	24 6	26 6	..	649	
Recess to windows	16	4 0	0 9	..	48	
Do. to property room	2	2 0	0 9	..	3	
Archway to police guard and passage	4	5 0	1 6	..	30	
Do. Head Accountant's room	2	10 0	1 6	..	30	
Gothic archway in verandah	38	6 6	1 9	..	432	
	6	5 0	1 9	..	53	
	3	4 0	1 9	..	21	
Total Square feet	..	..	..	..	..	7,796

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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
Asphalting floor ½" thick.						
Record room	1	60 0	16 0	..	960	
Doorway	1	4 0	0 9	..	3	
Window recesses	15	2 0	0 9	..	23	
Male and female wards	1	15 0	16 0	..	240	
	2	14 1½	16 0	..	452	
Female ward	2	7 6	16 0	..	240	
Doors	5	4 0	1 0	..	20	
Total Square feet	..	..	..	..	..	1,938
Plastering interior, two coats.						
Courts	2	86 0	..	19 3	3,311	
Dais	4	7 0	..	1 6	42	
Clerks' room, large	1	84 0	..	19 3	1,617	
Cashier's room	1	56 0	..	19 3	1,078	
Clerks' room, small	1	77 6				
Head Accountant's room	1	68 0				
Treasury	1	56 0				
Passage	1	45 0	..	15 3	7,461	
Inspector's room	1	56 0				
Station records	2	35 4½				
Private rooms	2	58 0				
Property rooms	1	50 6	..	11 3	568	
Record room	1	152 0				
Police guard	1	63 0				
Arms room	1	52 0	..	12 3	5,506	
Male wards	1	62 0				
	2	60 3				
Female wards	2	47 0				
Passage	1	42 0	..	12 3	1,666	
Tower	1	22 0	..	16 3	358	
Door jambs and soffits	22	22 0	..	1 1	524	
	2	20 6	..	1 1	44	
Do. wards and property room	6	20 0	..	1 1	130	
Do. Police guard	1	20 0	..	1 1½	23	
Archway do.	4	19 0	..	1 6	114	
Do. Head Accountant's room	2	29 9	..	1 6	89	
Do. tower	1	14 6	..	1 2	17	
	1	14 6	..	1 9	15	
Window jambs and soffits	13	15 6	..	1 1	219	
	2	21 6	..	1 1	47	
Do. records and property room	17	14 6	..	1 1	267	
Do. record	1	19 6	..	1 1	21	
Do. tower	8	9 6	..	1 3	95	
Do. recess	2 × 34	3 0	..	0 9	153	
Ventilators, jambs, sills and soffits	16	16 0	..	1 2	299	
	42	11 0	..	1 2	539	
	5	18 0	..	3 6	315	
	6	16 0	..	3 1½	300	
Binding wall	1	16 0	..	3 6	56	
	1	60 0	..	3 6	210	
	1	37 0	..	3 6	130	
						25,214
Deductions—						
	18	4 6	..	8 9	709	
	2 × 4	4 6	..	8 9	315	
Doors	2 × 2	4 0	..	8 0	128	
	5	4 0	..	8 0	160	
	3	4 0	..	8 0	96	
	2	2 6	..	6 0	30	
	13	4 0	..	5 9	299	
Windows	2	4 0	..	8 6	68	
	17	2 0	..	6 1½	208	
	1	4 0	..	7 3	29	
Windows to tower	8	1 6	..	4 0	48	
Ventilators	16	4 0	..	4 0	256	
	42	4 0	..	1 6	252	
Archways	4	37 3	Area.	..	149	
	2 × 2	10 0	..	7 0	280	
	2 × 2	39 3	Area.	..	157	
Total deduction	..	..	..	..	..	3,184
Net Total Square feet	..	..	..	..	..	22,030

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.						
All round the basement	1	577 0	..	2 0	1,154	
Do. to courtyard	1	114 6	..	1 6	172	
Front verandah exterior	1	220 6	..	11 3	2,481	
Do. do. interior	1	414 0	..	11 3	4,658	
Rear do. exterior	2	59 6	..	11 3	1,339	
Do. do. interior	2	113 0	..	11 3	2,543	
Courtyard verandah exterior	1	91 6	..	11 3	1,029	
Do. at record room side	1	25 0	..	12 3	306	
Do. verandah interior	1	163 0	..	11 3	1,834	
Main wall above verandah roof	2	202 6	..	4 0	1,620	
Do. in centre	1	119 0	..	4 0	476	
Do. in courts	2	98 0	..	4 0	784	
End walls at private room	2	28 0	..	15 3	854	
Police guards, arms, wards and record room	1	179 0	..	12 3	2,193	
Tower over verandah roof	1	32 0	..	16 3	520	
Jambs and soffits of arches in verandah	38	21 6	..	1 6	1,226	
	6	18 9	..	1 6	169	
	3	17 3	..	1 6	78	
Deductions—						23,436
Doors	17	4 6	..	8 9	669	
Do.	3	4 0	..	8 0	96	
	1	4 0	..	7 6	30	
	2	2 6	..	5 0	30	
Windows	12	4 0	..	5 9	276	
	2	4 0	..	8 6	68	
	17	2 0	..	6 1½	208	
Do. to tower	1	4 0	..	7 3	29	
Ventilators	8	1 6	..	4 0	48	
	16	4 0	..	4 0	256	
Archways to Police guard and passage	42	4 0	..	1 6	252	
Verandah archways—	4	37 3	Area.	..	149	
Rectangular portion	2 × 38	6 6	..	5 0	2,470	
Gothic portion	2 × 38	18 6	Area.	..	1,406	
Do. Rectangular portion	2 × 6	5 0	..	5 0	300	
Gothic portion	2 × 6	15 0	Area.	..	180	
Do. Rectangular portion	2 × 3	4 0	..	5 0	120	
Gothic portion	2 × 3	12 0	Area.	..	72	
Total Square feet	..	..	..	..	..	6,659
						16,777
Painting doors and windows.						
Iron grated door	1	4 6	Times. 1½	9 0	51	
Panel and venetian doors	16	4 6	2½	8 6	1,683	
Panelled doors	3	4 6	2½	8 6	258	
Do.	2	4 0	2½	8 0	144	
Strong battened door	2	2 6	2½	6 0	68	
Grated door	2	4 0	2½	7 6	135	
Venetian window	5	4 0	1½	8 0	200	
Do. with glazed tops	11	4 0	3	6 0	792	
Iron grated window to treasury	2	4 0	3	8 9	210	
Battened windows with iron bars to arms room	2	4 0	1½	6 0	60	
Venetian windows, Gothic glazed top	1	4 0	2¾	6 0	66	
	17	2 0	3	6 3	638	
Do. with glazed top iron bars	1	4 0	3	7 6	90	
Iron grated gate for passage	8	1 6	3	4 0	144	
	1	4 0	1½	6 0	30	
	1	5 0	1½	6 0	38	
Total Square feet	..	..	..	..	..	4,607
Painting wood-work with three coats of zinc white paint.						
Glazed shutters for windows	2	4 0	..	8 9	70	
	11	4 0	..	6 6	264	
Ventilators	16	4 0	..	4 0	256	
	42	4 0	..	1 6	252	
Courts—						
Beams	4	18 0	..	3 8	264	
Joists	26	25 0	..	1 1	704	
Clerks' room, large—						
Beams	2	18 0	..	3 8	132	
Joists	13	24 0	..	1 3	390	

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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-work with three coats of zinc white paint—cont.						
Clerks' room, small—						
Beams	1	18 0	..	3 8	66	
Joists	13	20 9	..	1 4	360	
Head Accountant's room—						
Beams	2	18 0	..	3 3	117	
Joists	13	16 0	..	0 11	191	
Treasury room—						
Joists	13	10 0	..	1 4	173	
Cashier's room—						
Joists	13	10 0	..	1 4	173	
Passage—						
Joists	13	4 6	..	1 1	63	
Inspector's room—						
Joists	13	10 0	..	1 4	173	
Station record room—						
Joists	12	9 3	..	1 3	139	
Private room—						
Joists	2 × 13	11 0	..	1 5	405	
Record room—						
Beams	5	16 0	..	3 4	287	
Joists	12	60 0	..	1 5	1,020	
Male wards at back—						
Beams	2	16 0	..	3 2½	103	
Joists	12	28 3	..	1 1	367	
Female wards—						
Joists	12	15 0	..	1 1	195	
Male wards—						
Beams	1	16 0	..	3 2½	51	
Joists	12	15 0	..	1 1	195	
Arms room—						
Joists	12	10 0	..	1 4	160	
Police guard—						
Beams	1	16 0	..	3 2½	51	
Joists	12	15 6	..	1 1	202	
Beams at angles	6	10 3	..	1 8	103	
Do. cross	2	7 3	..	1 8	24	
Joists	240	7 3	..	1 1	1,885	
Do. angles	12	6 0	..	1 1	78	
	12	4 6	..	1 1	59	
	12	3 0	..	1 1	39	
	12	1 6	..	1 1	20	
Tower joists	5	5 6	..	0 11	25	
Total Square feet	..	..	..	..	..	9,036
Teakwood turned rails for dais	2	23 0	..	..	..	Rg. ft. 46
Spiral staircase to be built of masonry with plastering, complete, 5 ft. diameter	..	..	..	..	..	Rs. 100
Running feet of masonry drain from inside of courtyard to the nearest nullah or side drain of the road	..	..	..	..	..	Rs. 20
Iron grating to the above	2	..	..	..	..	No. 2
Punkah, 10 feet long	2	..	..	..	..	No. 2
Masonry receptacles should be provided in the treasury for holding cash chests	..	..	..	..	..	Rs. 20

Estimate Form—Abstract.

Quantity.	Description of work.	Rate.	Per.	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
29,143 c. ft.	Excavation for foundations	4 10 0	1,000 c. ft.	135	
11,889 ,,	Concrete	14 0 0	100 ,,	1,664	
16,899 ,,	Foundation and basement with stock bricks in chunam	19 8 0	,,	3,295	

Estimate Form.—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per.	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	
24,532 c. ft.	Superstructure with stock bricks in chunam	20 8 0	100 c. ft.	5,029	
2,308 ,,	Ornamental parapet with stock bricks in chunam.	25 0 0	,,	827	
448 ,,	Flat archwork do. do.	22 8 0	,,	101	
1,427 ,,	Circular archwork do. do.	23 8 0	,,	335	
785 R. ft.	Cornice work do. do.	0 5 0	R. ft.	245	
578 c. ft.	Cutstone work	2 0 0	C. ft.	1,156	
5,334 sq. ft.	Cuddapah slabs for cornice including fixing and pointing with cement	24 8 0	100 sq. ft.	1,307	
1,347 c. ft.	Teakwood, wrought and put up	3 8 0	C. ft.	4,715	
9,649 sq. ft.	Terracing with brick on edge, jelly 3″ thick, three courses of flat tiles and three coats of plastering on top and at ceiling	27 0 0	100 sq. ft.	2,605	
501 ,,	Teakwood panel and venetian doors with frames, 4″ × 5″ hinges, hooks and other fittings, complete	1 1 0	Sq. ft.	532	
168 ,,	Teakwood panel doors with frames. 4″ × 5″ hinges and other fittings, complete	0 14 0	,,	147	
201 ,,	Iron grated door with frames, strong iron fastenings, complete, to wards and treasury	1 13 0	,,	364	
48 ,,	Teak strong battened doors with frames, strong iron fastenings, complete	1 1 0	,,	51	
212 ,,	Teakwood venetian windows with glazed shutters inside, frames 3″ × 5″ hinges, hooks, bolts and other fittings, complete	1 13 0	,,	384	
58 ,,	Do. do. with glazed top, complete	1 10 0	,,	94	
48 ,,	Iron grated windows with frames and other fittings, complete	2 7 0	,,	117	
19 ,,	Teakwood battened window with frames, iron bars, and other fittings, complete	1 6 0	,,	26	
214 ,,	Teakwood venetian windows with glazed top, frames, iron bars and other fittings, complete	1 12 0	,,	375	
54 ,,	Iron grated gate shutters, complete, for passage	1 13 0	,,	98	
49 ,,	Fixed glazed ventilators with frames, complete	1 3 0	,,	58	
12 ,,	Fixed wire netting for ventilators with frames and iron bars, complete	1 2 0	,,	14	
372 ,,	Do. do. without iron bars.	0 11 0	,,	256	
60 ,,	Do. iron barred ventilators leaded in stone blocks as per details shown on plan	2 8 0	,,	150	
11,884 c. ft.	Filling in basement	5 0 0	1,000 c. ft.	59	
8,495 sq. ft.	Levelling course of concrete 6″ thick under flooring.	7 0 0	100 sq. ft.	595	
7,796 ,,	Flooring with 6″ square brick in chunam and pointing with Portland cement	7 3 0	,,	560	
1,935 ,,	Asphalting floor ½″ thick well rubbed over	17 4 0	,,	336	
22,030 ,,	Plastering with 2 coats of chunam, polished inside.	2 8 0	,,	551	
16,771 ,,	Pointing with tar and asphalte	2 8 0	,,	419	
4,607 ,,	Painting doors and windows with 3 coats of Carson's oak paint	2 12 0	,,	127	
9,036 ,,	Painting woodwork with 3 coats of zinc white paint	2 12 0	,,	248	
46 R. ft.	Teakwood turned rails for dais	1 8 0	R. ft.	62	
	Spiral staircase to be built of masonry with plastering complete, 5 feet diameter and 12 inches rise		,,	100	
2 No.	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	
	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	,,	40	
	Masonry receptacles to be provided in the treasury for holding cash-chests			20	
					27,225
	Petty supervision at 2½ per cent.				682
	Contingencies at 5 per cent.				1,363
	Grand Total of Estimate				29,270

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

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REVISED STANDARD DESIGN FOR TAHSILDAR'S CUTCHERRY WITH TILED ROOFING ACCORDING TO DRAWING SIGNED BY THE CONSULTING ARCHITECT TO GOVERNMENT.

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 variou thicknesses shown on the drawing, 2½ bricks, 2 bricks and 1½ bricks thick.

Stone-work.—Fix stone blocks 12″ × 12″ × 12″ with mortice holes 2 inches square and 2 inches deep into which the verandah posts will be tenoned. Slabs will be placed at the bearings of trusses and sills of doorways. 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 seasoned Burma teakwood. All doors opening into verandahs will be of ⅓ panel and ⅔ venetians. Inner doors to be panelled throughout. Iron grated door to be provided between the treasury and cashier's rooms. Jail wards provided with iron grated doors without batten shutters. The arms and property rooms to be provided with strong battened shutters. The windows of treasury to be iron grated. The windows for the record and property rooms will have venetianed shutters opening outside with fixed glazed heads and 1″ 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″ between each. The back of the ventilators will have galvanized iron wire netting ½″ mesh in teak frames to prevent bats or birds from entering. The ventilators in rear 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.

Roofing.—The roof will be covered with flat and pan 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, ceiling of teak planking ⅝″ thick should be screwed to underside of rafters.

Flooring.—The floor may be laid with 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 and jail wards.

Interior and exterior finishing.—The interior walls will be fine plastered with shell lime and 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 shows the brick-work to advantage and is very durable. In damp soil the plinth and interior walls to a height of say 3′ should also be plastered with cement.

Masonry receptacles should be provided in the treasury room for holding cash-chests after ascertaining from the local revenue authorities the number, size and description of the same.

The iron-railed gate at A and the doors at C and D in the cashiers' room marked on the plan to be left open at nights, the police sentry to go round the treasury through the passage A B and doors C D.

The different kinds of work to be done will be executed in general accordance with 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
Excavating for foundations.						
Court walls, four sides	2	92 0	4 0	5 0	3,680	
Dais for do.	2	18 0	2 0	0 9	54	
Do. steps	4	4 6	2 0	0 9	27	
Cashiers' and clerks' room walls, four sides	1	113 0	4 0	5 0	2,260	
Do. do. cross walls	1	15 6	4 0	5 0	310	
Front and rear walls between do. and courts	4	35 9	4 0	5 0	2,860	
Do. private rooms	4	12 6	4 0	5 0	1,000	
End and cross walls, do.	6	15 6	4 0	5 0	1,860	
Partition wall between station record-rooms	1	6 9	3 7½	5 0	122	
Police guard, arms, &c., and record-room walls, three sides	2	136 6	4 0	5 0	5,460	
Male wards at back	2	33 0	4 0	5 0	1,320	
Cross walls to do.	6	13 6	3 7½	5 0	1,468	
Property room	1	24 3	4 0	5 0	485	
Front verandah	1	215 6	3 6	5 0	3,771	
Rear do.	2	55 9	3 6	5 0	1,951	
Courtyard verandah all round	1	58 6	3 6	5 0	1,024	
Steps	2	20 6	2 3	0 9	69	
	2	20 0	2 3	0 9	68	
Do. for yard	1	19 6	2 3	0 9	33	
	1	6 3	1 3	0 9	6	
Total Cubic feet	..	..	..	..	..	27,827
Concrete.						
Court walls, four sides	2	92 0	4 0	2 0	1,472	
Dais for do.	2	20 0	2 0	0 9	60	
Do. steps	4	4 6	2 0	0 9	27	
Cashiers' and clerks' room wall, four sides	1	113 0	4 0	2 0	904	
Do. cross wall	1	15 6	4 0	2 0	124	
Front and rear walls between do. and courts	4	35 9	4 0	2 0	1,144	
Do. private rooms	4	12 6	4 0	2 0	409	
End and cross walls of do.	6	15 6	4 0	2 0	744	
Partition wall between station record-rooms	1	6 9	3 7½	2 0	49	
Police guard, arms, &c., and record-room walls, three sides	2	136 6	4 0	2 0	2,184	
Male wards at back	2	33 0	4 0	2 0	528	
Cross walls to do.	6	13 6	3 7½	2 0	587	
Property room	1	24 3	4 0	2 0	194	
Front verandah	1	215 6	3 6	2 0	1,509	
Rear do.	2	55 9	3 6	2 0	781	
Courtyard verandah all round	1	58 3	3 6	2 0	408	
Steps	2	20 6	3 3	0 8	100	
	2	20 0	3 3	0 8	98	
Do. at courtyard	1	19 6	3 3	0 9	48	
	1	6 6	2 3	0 9	10	
Total Cubic feet	..	..	..	..	..	11,371
Brick-work in foundations.						
Footings—						
Court walls, four sides	2	92 0	2 9	1 6	759	
Cashiers' and clerks' room walls, four sides	1	113 0	2 9	1 6	466	
Cross walls of do.	1	16 9	2 9	1 6	69	
Front and rear walls between do. and courts	4	37 0	2 9	1 6	611	
Do. private rooms	4	12 6	2 9	1 6	206	
End and cross walls of do.	6	16 9	2 9	1 6	415	
Partition wall between station record-room	1	8 0	2 4½	1 6	29	
Police guard, arms, &c., and record-room walls, three sides	2	137 9	2 9	1 6	1,136	
Male ward at back	2	34 3	2 9	1 6	283	
Cross walls to do.	6	14 9	2 4½	1 6	315	
Property room	1	25 6	2 9	1 6	105	
Front verandah	1	216 9	2 3	1 6	732	
Rear do.	2	57 0	2 3	1 6	385	
Courtyard verandah all round	1	59 6	2 3	1 6	179	
Above footings to ground level, court walls, four sides	2	92 0	2 0	1 6	552	
Cashiers' and clerks' room walls, four sides	1	113 0	2 0	1 6	339	
Cross walls of do.	1	17 6	2 0	1 6	53	
Front and rear walls between do. and courts	4	37 9	2 0	1 6	453	
Do. private rooms	4	12 6	2 0	1 6	150	

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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.						
Footings—*cont.*						
End and cross walls of private rooms	6	17 6	2 0	1 6	315	
Partition wall between station and record-rooms	1	8 9	1 7½	1 6	21	
Police guard, arms and record-room wall, three sides	2	138 6	2 0	1 6	831	
Male wards at back	2	35 0	2 0	1 6	210	
Cross walls to do.	6	15 6	1 7½	1 6	227	
Property room	1	26 3	2 0	1 6	79	
Front verandah	1	217 6	1 6	1 6	489	
Rear do.	2	57 9	1 6	1 6	260	
Courtyard verandah	1	60 3	1 6	2 0	181	
Basement—						
Court walls, four sides	2	92 0	2 0	2 0	736	
Dais for do.	2	20 0	1 6	2 0	120	
Do. steps	4	4 6	2 0	2 0	73	
Cashiers' and clerks' room walls, four sides	1	113 0	2 0	2 0	452	
Cross walls do. do.	1	17 6	2 0	2 0	70	
Front and rear walls between do. and courts	4	37 9	2 0	2 0	604	
Do. private rooms	4	12 6	2 0	2 0	200	
End and cross walls	6	17 6	2 0	2 0	420	
Partition wall between station record-rooms	1	8 9	1 7½	2 0	28	
Police guard, arms, &c., and record-room wall, three sides	2	138 6	2 0	2 0	1,106	
Male wards at back	2	35 0	2 0	2 0	280	
Cross walls to do.	6	15 6	1 7½	2 0	302	
Property room	1	26 3	2 0	2 0	105	
Front verandah	1	217 6	1 6	2 0	653	
Rear verandah	2	57 9	1 6	2 0	347	
Courtyard do.	1	60 3	1 6	2 0	181	
Backing to steps, 15' long	2	18 0	2 0	0 8¼	49	
Do. to do. 15½' ,,	2	17 6	2 0	0 8¼	48	
Do. to do. 15' ,,	1	17 0	2 0	0 8¼	23	
Do. to courtyard, 6' long	1	6 0	1 0	0 5½	3	
Total Cubic feet	..	..	..	..	..	15,651
Superstructure.						
Court walls, four sides	2	92 0	1 6	18 7½	5,141	
Dais	2	20 6	1 3	1 6	77	
Do. steps	4	4 0	2 0	0 9	24	
Gables, front and rear	2 × 2	21 0	1 6	3 6	441	
Do. sides	2 × 2	9 0	1 6	1 6	81	
Cashiers' and clerks' room walls, four sides	1	113 0	1 6	18 7½	3,157	
Cross walls of do.	1	18 0	1 6	18 7½	503	
Gables	3	21 0	1 6	3 6	331	
Front and rear walls between do. and courts	4	38 3	1 6	15 7½	3,686	
Do. private room	4	12 6	1 6	15 7½	1,172	
End and cross walls of head accountants', cashiers', &c., rooms	6	18 0	1 6	15 7½	2,532	
Gables to do.	6	21 0	1 6	3 6	662	
Partition wall between station record-rooms	1	9 3	1 1½	15 7½	163	
Police guard, arms, &c., and record-room wall, three sides	2	139 0	1 6	12 0	5,004	
Male wards at back	2	35 6	1 6	12 0	1,278	
Cross walls	6	16 0	1 1½	12 0	1,296	
Gables	6	19 0	1 1½	3 0	385	
	4	19 0	1 6	3 0	342	
Property room in verandah	1	19 6	1 6	8 0	234	
	1	7 3	1 6	10 0	109	
String course over gothic windows to private room	2	7 0	0 3	0 3	1	
Do. record-rooms do.	15	4 0	0 3	0 3	4	
	1	7 0	0 3	0 3	1	
Do. ventilators	20	5 0	0 3	0 3	6	
Do. at court	16	5 0	0 3	0 3	5	
Deductions—					1,299	26,535
Doors and openings at passage	22	4 6	1 6	8 9	105	
	2	4 0	1 6	8 9	210	
Archway rectangular portion	2	10 0	1 6	7 0	118	
Do. semi-circular portion	2	39 3	Area.	1 6	288	
Doors to wards and property rooms	6	4 0	1 6	8 0	36	
	1	4 0	1 1½	8 0	449	
Windows	13	4 0	1 6	5 9	102	
Do. to private rooms including gothic portion	2	4 0	1 6	8 6	135	
Do. to recess	15	4 0	0 9	3 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 work.
1	2	3	4	5	6	7
Superstructure—cont.						
Deductions—*cont.*						
Windows to record-room	15	2 0	1 6	6 1½	276	
	1	4 0	1 6	7 3	44	
Do. to recess	15	2 0	0 9	3 0	68	
	1	4 0	0 9	3 0	9	
Do. to arms room	1	4 0	1 6	5 9	35	
Recess do.	1	4 0	0 9	3 0	9	
Windows to property room	2	2 0	1 6	3 3	20	
Recess to do.	2	2 0	0 9	3 0	9	
Ventilators to courts, cashiers' and clerks'	16	4 0	1 6	4 0	384	
room.	4	4 0	1 6	1 6	36	
Do. to other office rooms	16	4 0	1 6	1 6	144	
Do. to wards	10	4 0	1 6	1 6	90	
Archway to police guard-room and passage	4	5 0	1 6	5 6	165	
Semi-circular portion	4	9 10	Area.	1 6	59	
Sill stones to doorways	17	5 6	1 6	0 6	70	
Do. do.	3	5 0	1 6	0 6	11	
Do. do.	3	6 6	1 6	0 6	15	
Do. do.	1	5 0	1 1½	0 6	3	
Do. for iron doors too jail wards	5 × 5	1 3	0 10½	0 6	14	
Do. do. at recess	5 × 1	3 0	1 6	1 6	34	
Bed plates under trusses, courts	8	1 6	1 6	0 4	6	
Do. clerks' rooms	10	1 6	1 6	0 4	8	
Do. under trusses, record-room	10	1 6	1 6	0 4	8	
Do. wards and guard-room	8	1 6	1 6	0 4	6	
Stones at jail ward ventilation	4 × 10	1 0	1 6	0 9	45	
Archwork as per details	..	..	..	..	1,081	
						5,391
Total Cubic feet	..	..	..	..	..	21,144
Flat arch-work.						
	22	6 0	1 6	1 11	223	
	2	5 6	1 6	1 1½	19	
Do. to wards and property rooms	6	5 6	1 6	1 1½	56	
	1	5 6	1 6	1 1½	7	
Windows	13	5 6	1 6	1 1½	121	
Do. arms	1	5 6	1 6	1 1½	9	
Do. record-room and property room	17	4 6	1 6	1 1½	129	
Do. do. to do.	1	5 6	1 6	1 1½	9	
Ventilators, large	16	5 6	1 6	1 1½	149	
Do. small	20	5 6	1 6	1 1½	186	
						908
Total Cubic feet	..	..	..	..	..	
Circular arch-work.						
Archway to clerks' and head accountants' rooms	2	18 0	1 6	1 6	81	
Do. to police guard and passage	4	10 3	1 6	1 6	92	
						173
Total Cubic feet	..	..	..	..	..	
Cut-stone work.						
Slabs under trusses to courts	8	1 6	1 6	0 4	6	
Do. clerks' rooms	10	1 6	1 6	0 4	8	
Do. record-room	10	1 6	1 6	0 4	8	
Do wards	8	1 6	1 6	0 4	6	
Do steps	2	20 0	3 3	0 5½	60	
	2	19 6	3 3	0 5½	58	
Do. to courtyard	1	19 0	3 3	0 5½	28	
	1	6 0	2 3	0 5½	6	
Stone for posts	59	1 0	1 0	1 0	59	
Stone sills to doorways	17	5 6	1 6	0 6	70	
Do. do.	3	5 0	1 6	0 6	11	
Do. do.	3	6 6	1 6	0 6	15	
Do. do.	1	5 0	1 1½	0 6	3	
Do. for iron grated doors jail wards	5 × 5	1 3	0 10½	0 6	14	
Do. do. at recess	5 × 1	3 0	1 6	1 6	34	
	2 × 2	1 6	1 3	0 6	4	
Do. to gates at passage	2 × 1	0 9	0 9	0 6	1	
	2 × 2	1 3	0 6	0 11	2	
Do. for iron grated ventilators at jail wards.	4 × 10	1 6	1 0	0 9	45	
Do. for windows in treasury	2 × 4	1 3	0 11	0 6	5	
Do. to treasury doors	3 × 4	1 3	0 11	0 6	7	
						450
Total Cubic feet	..	..	..	..	..	

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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
Cuddapah slabs 2″ thick.						
Ventilators to courts' treasury, cashiers' and clerks' rooms	16 × 5	5 0	1 6	..	900	
Do. small	20 × 2					
	..	..	..	..	..	900 sq. ft.
Teakwood, wrought and put up.						
Court's and clerks' rooms—						
Nine trusses for 18′ span—						
Principal rafters	18	12 0	0 4	0 6½	39	
Tie beams	9	21 0	0 4	0 7½	39	
Struts	18	5 6	0 4	0 4	11	
Block on head of trusses	9	1 3	0 6	0 9	4	
Courts—						
Purlins including overlapping	4	33 0	0 5	0 7	32	
Wall purlins	4	25 0	0 3	0 7	15	
Ridge beam	2	33 0	0 3	0 8	11	
Common rafters	2 × 42	14 0	0 3	0 4	98	
Cashiers' and clerks' rooms, large—						
Purlins	2	43 0	0 5	0 7	21	
Wall purlins	2	43 0	0 3	0 7	13	
Ridge beam	1	43 0	0 3	0 8	7	
Common rafters	58	14 0	0 3	0 4	68	
Station records, inspectors' passage, treasury head accountants' and clerks' rooms—						
Purlins	2 × 2	42 6	0 5	0 7	41	
Wall purlins	2 × 2	42 6	0 3	0 7	25	
Ridge beam	2	46 6	0 3	0 8	16	
Common rafters	2 × 54	14 0	0 3	0 4	126	
Hip do.	4	9 0	0 3	0 6	5	
Jack do.	8	5 0	0 3	0 4	3	
Private rooms—						
Purlins	4	15 3	0 5	0 7	15	
Wall purlins	4	15 3	0 3	0 8	6	
Ridge beam	2	19 3	0 3	0 4	4	
Common rafters	2 × 20	14 0	0 3	0 6	47	
Hip do.	4	9 0	0 3	0 4	5	
Jack do.	8	5 0	0 3		3	
Record, male wards and police guard—						
Nine trusses, 16′ span—						
Principal rafters	18	10 0	0 4	0 5½	28	
Tie beams	9	19 0	0 4	0 6	29	
Struts	18	4 9	0 4	0 4	10	
Blocks on heads of trusses	9	1 3	0 6	0 9	4	
Record-room—						
Purlins	1	68 0	0 4	0 6	11	
	1	60 0	0 4	0 6	10	
Wall purlins	1	68 0	0 3	0 6	17	
	1	43 6	0 3	0 6	5	
Ridge beam	1	70 0	0 3	0 7	10	
Common rafters	72	13 6	0 2½	0 4	68	
Jack rafters	14	7 0	0 2½	0 4	7	
Valley rafters	2	8 0	0 3	0 6	2	
Jack rafters	6	5 0	0 2½	0 4	2	
Police guard, arms, male and female wards—						
Purlins	1	68 0	0 4	0 6	11	
	1	60 0	0 4	0 6	10	
Wall purlins	1	68 0	0 3	0 6	9	
Do.	1	43 6	0 3	0 6	5	
Ridge beam	1	70 0	0 3	0 7	10	
Common rafters	72	13 6	0 2½	0 4	68	
Jack do.	14	7 0	0 2½	0 4	7	
Valley do.	2	8 0	0 3	0 6	2	
Jack do.	6	5 0	0 2½	0 4	2	
Male wards and passage—						
Purlins	2	49 0	0 4	0 6	11	
Wall purlins	2	37 0	0 3	0 6	10	
Ridge beam	1	55 0	0 3	0 7	9	
Common rafters	50	13 6	0 2½	0 4	47	
Valley do.	2	15 0	0 3	0 6	4	
Do. do.	2	16 6	0 3	0 6	4	
Jack do.	16	6 0	0 2½	0 4	7	
Verandah—						
Posts	59	0 6	0 6	6 0	89	
Cap over posts	59	1 0	1 0	0 6	30	

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
Teakwood, wrought and put up—cont.						
Verandah—*cont.*						
Breastsummers, front	1	228 0				
Do. rear	2	62 0	0 6	0 6	104	
Do. courtyard around	1	65 0				
Rafters, front	106	12 3				
Do. rear	2 × 30	12 3	0 3	0 5	283	
Do. courtyards	56	12 3				
Hip rafters	10	15 0	0 3	0 6	19	
Jack do. front	60	7 6				
Do. do. rear	20	7 6	0 3	0 5	78	
Do. do. courtyard	20	7 6				
Wall plates, front	1	185 0				
Do. rear	2	42 6	0 3	0 3	20	
Do. courtyard	1	36 0				
Do. property room	1	18 6				
Eave planks or rafters to verandah	1	226 0				
Do. rear	2	62 0				
Do. courtyard	1	72 0	0 1	0 7	45	
Do. main roof around	1	300 0				
Do. from police guard to record-room around	1	204 0				
Barge board to courts and other end gables	8	30 0				
Do. to record-room, &c.	2	26 0	0 1	0 9	24	
	40	1 6				
	10	3 0				
Total Cubic feet						1,773
Wrought iron work.						
1" diameter king rod for 18' trusses	9	8 3	7 4 3	× 2·62	194·53	
1" hex. nut and heads to do.	9	..	..	× 1·07	9·63	
3" diameter ¼" thick washers	27	7·068 × 125 = 23 85		× 0·28	6·68	
1½" × ½" heal traps	18	3 0 = 54 0		× 2·50	135·00	
1½" × ½" bearing plates	18	0 6½ = 10 1½		× 2·50	25·31	
⅞" hex. nuts	36	..	..	× ·261	9·40	
Caps of ⅜" plates 6" wide	9	2 × ½ = 9 0		× 15·00	135·00	
⅞" diameter king rod 16" trusses	9	7 3 = 65 3		× 2·01	131·15	
⅞" diameter hex. nut and heads to trusses	9	..	..	× 0·72	6·48	
3" diameter ¼" thick washers	27	7·068 × 125 = 23 85		× 9·28	6·68	
1½" × ⅜" heal straps	18	2 6 = 45 0		× 1·87	84·15	
1½" × ⅜" bearing plates	18	0 6½ = 10 1½		× 1·87	18·93	
1" hex. nuts	36	..	..	× ·261	9·61	
Caps of ⅜" plates 6" wide	9	2 × ½ = 9 0		× 15·0	135·00	
Pin for posts ⅞" diameter	59	1 3	..	× 1·476	108·85	
Holding-down bolts at end of each trusses ⅞" diameter	36	1 4	48 0	× ·656	31·48	
Head and nuts to do.	36	..	..	× ·135	4·86	
3" diameter ½" thick washers for holding-down bolts, and pillar	95	7·068 × 125 = 83 93		× 0·28	23·50	
Total					1076 24	or 1,076 lb.
Tiled roofing with flat and pan tiles including teak reepers.						
Courts	2	32 0	29 0	..	1,856	
Cashier's and clerks' rooms	1	42 6	29 0	..	1,233	
Station records, inspectors' passage, treasury, head accountant's and clerks' rooms	2	38 3	29 0	..	2,219	
Private rooms	2	14 6	29 0	..	841	
Police guard, arms, wards and record-rooms	2	63 6	27 6	..	3,493	
Male wards at back	1	35 6	27 6	..	976	
Verandah, front	1	208 0	11 6	..	2,392	
Do. rear	2	52 0	11 6	..	1,196	
Do. courtyard around	1	93 6	11 6	..	1,075	
Total Square feet						15,281
Doors—						
Teak panel and venetian doors with frames, &c.	16	3 10	..	8 2	501	501 sq. ft.
Teak panelled doors with frames, inner doors.	3	3 10	..	8 2	94	
	2	3 4	..	7 8	51	
Iron grated door to treasury, &c.	1	4 6	..	9 0	41	145 "
Do. to jail wards	5	4 0	..	8 0	160	
Teak strong battened doors with frames to arms and property rooms	2	3 4	..	7 2	48	201 "
						48 "

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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
d roofing with flat and pantiles including teak reepers—cont.						
lows—						
netian windows with glazed shutters inside frames3' × 6", hinges, hooks, bolts nd others fittings, complete	11	3 6	..	5 6	212	93 sq. ft.
do. with glazed top to private ooms	2	3 6	..	8 3	58	58 "
n grated windows, iron fastening complete o treasury	2	4 0	..	6 0	48	48 "
ttened windows with frames, iron bars nd fittings, complete to arms room	1	3 6	..	5 6	19	19 "
netian windows with frames, glazed top iron bars and brass fastenings, &c., for record room	15	1 7	..	5 10	139	
do. to property room	1	3 6	..	7 0	25	
	2	1 7	..	2 10	9	
						173 "
on grated gate shutters for passage and police guard, complete	1	4 0	..	6 0	24	
	1	5 0	..	6 0	30	
						54 "
ntilators—						
entilators with fixed glazed shutters, frames, &c., for courts	4	3 6	..	3 6	49	49 "
entilators with fixed wire netting and iron bars, frames, &c., for treasury	1	4 0	..	1 6	6	6 "
entilators with wire netting frames, &c., without iron bars	12	4 0	..	4 0	192	
	19	4 0	..	1 6	114	306 "
ron barred ventilators leaded in stone blocks as per details shown on plan for jail wards	10	4 0	..	1 6	60	60 "
lling in basement—						
ourts	2	24 6	17 6	1 6	1,286	
ails	2	6 6	5 9	1 6	112	
lerk's room, small	1	20 3	17 6	1 6	532	
lead accountant's room	1	15 6	17 6	1 6	407	
lerk's room, large	1	23 6	17 6	1 6	617	
ashier's room	1	9 6	17 6	1 6	249	
reasury	1	9 6	17 6	1 6	249	
assage	1	4 0	17 6	1 6	105	
nspector's room	1	9 6	17 6	1 6	249	
tation record-rooms	2	8 9	7 11½	1 6	208	
rivate rooms	2	10 6	17 6	1 6	551	
roperty room	1	6 9	17 6	1 6	177	
ecord room	1	59 6	15 6	1 6	1,383	
olice guard	1	15 0	15 6	1 6	349	
rms	1	9 6	15 6	1 6	221	
ale wards	1	14 6	15 6	1 6	337	
emale wards	2	13 7½	15 6	1 6	634	
assage	2	7 0	15 6	1 6	326	
ront verandah	1	4 6	15 6	1 6	105	
ear do.	1	200 0	7 3	1 6	2,175	
ourt-yard verandah	2	49 0	7 3	1 6	1,066	
	1	77 9	7 3	1 6	846	
Total Cubic feet						12,184
Levelling course of concrete 6" thick under flooring.						
ourts	2	24 6	17 6	..	858	
lerk's room, small	1	20 3	17 6	..	354	
lead accountant's room	1	15 6	17 6	..	271	
lerk's room, large	1	23 6	17 6	..	411	
ashier's	1	9 6	17 6	..	166	
reasury	1	9 6	17 6	..	166	

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
Levelling course of concrete 6 inches thick, under flooring—cont.						
Passage	1	4 6	17 6	..	70	
Inspector's room	1	9 6	17 6	..	166	
Station records	2	8 9	7 11½	..	130	
Private rooms	2	10 6	17 6	..	368	
Property	1	6 9	17 6	..	118	
Record	1	59 6	15 6	..	922	
Police guard	1	15 0	15 6	..	232	
Arms	1	9 6	15 6	..	148	
Male wards	1	14 6	15 6	..	224	
Female wards	2	13 7½	15 6	..	422	
Passage	2	7 0	15 6	..	217	
Front verandah	1	4 6	15 6	..	70	
Rear do.	1	200 0	7 3	..	1,450	
Court-yard verandah	2	49 0	7 3	..	711	
	1	77 9	7 3	..	567	
	1	24 6	26 3	..	643	
Total Square feet	..	..	..	..	..	8,689
Flooring 3 inches square bricks in chunam and pointing with Portland cement.						
Courts	2	25 0	18 0	..	900	
Clerk's room, small	1	20 9	18 0	..	374	
Head Accountant's room	1	16 0	18 0	..	288	
Clerk's room, large	1	24 0	18 0	..	432	
Cashier's room	1	10 0	18 0	..	180	
Treasury	1	10 0	18 0	..	180	
Passage	1	4 6	18 0	..	81	
Inspector's room	1	10 0	18 0	..	180	
Station records	2	8 5¼	9 3	..	156	
Private rooms	2	11 0	18 0	..	396	
Property room	1	7 3	18 0	..	131	
Police guard	1	15 6	16 0	..	240	
Passage	1	10 0	16 0	..	160	
Front verandah	1	5 0	16 0	..	80	
Rear do.	1	203 0	9 0	..	1,827	
Court-yard verandah	2	50 9	9 0	..	914	
	1	75 9	9 0	..	682	
	1	24 3	26 8	..	637	
Doorway	..	..	..	..	..	
Doorway to wards and property room	..	..	..	..	..	
Do. to police guard room	..	..	..	..	..	
Recess to windows	..	..	..	..	..	
Do to property room	16	4 0	0 9	..	48	
Archways to police guard and passage	2	2 6	0 9	..	3	
Do. to Head Accountant's room	4	5 0	1 6	..	30	
	2	10 0	1 6	..	30	
Deduction— Total	..	..	..	..	..	7,557
Stone for posts	59	1 0	1 0	..	..	59
Total Square feet	..	..	..	..	..	7,898
Asphalting floor, ¾ inch thick.						
Record-room	1	60 0	16 0	..	960	
Window recess	1	4 0	0 9	..	3	
Do.	16	2 0	0 9	..	23	
Male ward	1	15 0	16 0	..	240	
	2	14 1½	16 0	..	452	
Female wards	2	7 6	16 0	..	240	
	5	4 0	1 0	..	20	
Total Square feet	..	..	..	..	..	1,938
Plastering interior.						
Courts	2	86 0	..	18 7½	3,204	
Dais	4	7 0	..	1 6	42	
Clerk's room, large	1	84 0	..	18 7½	1,565	
Cashier's room	1	66 0	..	18 7½	1,043	

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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—cont.						
Clerk's room, small	1	77 6				
Head Accountant's room	1	68 0				
Treasury	1	56 0				
Passage	1	45 6	..	15 7½	7,645	
Inspector's room	1	56 0				
Station records	2	35 4½				
Private rooms	2	58 0				
Gable ends	28	18 0	..	3 6	1,764	
Property room	1	50 6	..	10 0	505	
Record-room	1	152 0				
Police guard	1	63 0				
Arms room	1	52 0				
Male wards	1	62 9	..	12 0	7,026	
Female wards	2	60 3				
Passage	2	47 0				
Gable ends	1	42 0				
Door jambs and soffits	18	16 0	..	3 0	864	
Do. do. wards and property room.	22	22 0	..	1 1	524	
Do. do. Police guard	2	20 6	..	1 1	44	
Archway	6	20 0	..	1 1	130	
Do. Head Accountant's room	1	20 0	..	0 8½	14	
Window jambs and soffits	4	19 0	..	1 6	114	
Do. do. property record room.	2	29 9	..	1 6	89	
Do. do. record at end	13	15 6	..	1 1	219	
Do. do. recess	2	21 6	..	1 1	47	
Ventilators—jambs, soffits and sills	2	8 6	..	1 1	18	
Deduction—	15	14 6	..	1 1	236	
Doors	1	19 0	..	1 1	21	
	2×34	3 0	..	0 9	153	
	16	16 0	..	1 2	299	
	20	11 0	..	1 2	257	
	10	7 0	..	1 2	82	
	18	4 6	..	8 9	709	
	2×4	4 6	..	8 9	315	
	2×2	4 0	..	8 0	128	
	5	4 0	..	8 0	160	
	3	4 0	..	8 0	96	
Windows	13	4 0	..	5 9	299	
	2	4 0	..	8 6	68	
	15	2 0	..	6 1½	184	
	1	4 0	..	7 3	29	
	2	2 6	..	3 3	13	
Ventilators	16	4 0	..	4 0	256	
	30	4 0	..	1 6	180	
Archway	4	37 3	Area.	..	149	
	2×2	10 0	..	7 0	280	
	2×2	39 3	Area.	..	157	
Total, Square feet	..	..	..	..	..	3,023
						22,882
Pointing exterior.						
All around the basement	1	577 0	..	2 0	1,154	
Do. within court-yard	1	101 0	..	1 6	152	
Courts—						
Front and rear with gable	4	21 0	..	22 0	1,848	
Sides	4	7 0	..	18 7½	522	
Above roof	4	3 0	..	2 0	24	
Cashier's and Clerk's room, large—						
Front	1	38 6	..	18 7½	717	
Rear over roof	1	38 6	..	6 0	231	
Sides over roof	4	24 0	..	2 6	240	
Head Accountant's, Clerks, Treasury, Inspector's and record's rooms—						
Front	2	38 3				
Rear	2	20 9	..	15 7½	1,196	
Rear over roof	2	13 6	..	15 7½	848	
Private rooms—						
Front	4	12 6	..	2 7½	99	
Ends with gable	2	21 6	..	15 7½	781	
Police guard, arms wards and record's rooms—						
Rear	1	19 6	..	13 6	266	
Sides	2	136 6	..	13 6	1,862	
Gables	1	19 6	..	4 6	90	
Court-yard verandah all around	2	72 6	..	13 6	1,000	
Do. rear of property room	2	61 6	..	13 6	846	

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 exterior—cont.						
Deduction—						
Doors	17	4 6	..	8 9	669	
	3	4 0	..	8 0	96	
	1	4 0	..	7 6	30	
Windows	2	2 0	..	3 3	13	
	12	4 0	..	5 9	276	
	2	4 0	..	8 6	68	
	15	2 0	..	6 1½	184	
	1	4 0	..	7 3	29	
Ventilators	16	4 0	..	4 0	256	
Archways to Police guard and passage	29	4 0	..	1 6	174	
	4	37 3	Area.	..	149	
						1,944
Total Square feet	..	..	..	..	..	10,729
Painting doors and windows.						
			Times.			
Panel and venetian doors	16	4 6	2¾	8 6	1,683	
Panelled doors	3	4 6	2¼	8 6	258	
	2	4 0	2¼	8 0	144	
Iron-grated door with frames	1	4 6	1½	9 0	51	
Battened door to arms and property rooms	2	4 0	2¼	7 6	135	
Grated doors to Jail wards	5	4 0	1½	8 0	200	
Venetian windows	11	4 0	3	6 0	792	
Do. with glazed top to private rooms	2	4 0	3	8 9	210	
Iron-grated windows to treasury	2	4 0	1¼	6 0	60	
Battened windows with iron-bars to arms room	1	4 0	2¼	6 0	66	
Venetian windows, with glazed top and iron bars to record room	15	2 0	3	6 3	563	
	1	4 0	3	7 6	90	
Iron-grated gate for passage	1	5 0	1¾	6 0	38	
Venetian windows with glazed top and iron bars to property room	2	2 0	3	3 3	32	
						4,352
Total Square feet	..	..	..	..	..	
Painting wood-work with three coats of zinc white paint.						
Glazed shutters	2	4 0	..	8 9	70	
Ventilators	11	4 0	..	6 0	264	
	16	4 0	..	4 0	256	
Nine trusses, 18′ span—	30	4 0	..	1 6	180	
Principal rafters						
Tie beams	18	11 0	..	1 5	281	
Struts	9	18 0	..	1 7	257	
Block on head of trusses	18	5 3	..	1 4	126	
Nine trusses, 16′ span—	9	2 6	..	1 3	28	
Principal rafters						
Tie beams	18	9 6	..	1 3	214	
Struts	9	16 0	..	1 4	192	
Block on head of trusses	18	4 3	..	1 4	102	
Courts—	9	2 6	..	1 3	28	
Purlins						
Wall purlins	4	29 0	..	1 7	184	
Ridge beam	4	25 0	..	1 5	142	
Common rafters	2	29 0	..	1 7	92	
Cashier's and Clerks' rooms, large—	84	13 0	..	0 11	1,001	
Purlins						
Wall purlins	2	38 0	..	1 7	120	
Ridge beam	2	38 0	..	1 5	108	
Common rafters	1	38 0	..	1 7	60	
Record, Inspector's, Cashier's Passage, Treasury, Head Accountant's and Clerk's room—	58	13 0	..	0 11	691	
Purlins	2	36 9	..	1 7	116	
	2	33 9	..	1 7	107	
Wall purlins	2	36 9	..	1 5	104	
	2	33 9	..	1 5	96	
Ridge beam	2	36 9	..	1 7	116	
	2	33 9	..	1 7	107	
Common rafters	108	13 0	..	0 11	1,287	
Private rooms—						
Purlins	4	13 0	..	1 7	82	
Wall purlins	4	13 0	..	1 5	74	
Ridge beam	2	17 0	..	1 7	54	
Common rafters	40	13 0	..	0 11	477	

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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	4	6	7
Painting wood-work with three coats of zinc white paint—cont.						
Record-room—						
Purlins	2	62 0	..	1 4	165	
Wall purlins	1	45 0	..	1 3	56	
	1	62 0	..	1 3	78	
Ridge beam	1	64 0	..	1 5	91	
Common rafters	72	12 0	..	0 10½	756	
Valley rafters	2	6 6	..	1 3	16	
Jack rafters	14	6 0	..	0 10½	74	
Do.	6	4 0	..	0 10½	21	
Police guard, arms, male and female wards—						
Purlins	2	57 6	..	1 4	153	
Wall purlins	1	57 6	..	1 3	72	
	1	45 0	..	1 3	56	
Ridge beam	1	62 6	..	1 5	89	
Common rafters	72	12 0	..	0 10½	756	
Male wards and passage—						
Valley rafters	2	6 6	..	1 3	16	
Jack rafters	6	4 0	..	0 10½	21	
Purlins	2	41 3	..	1 4	116	
Wall purlins	2	33 3	..	1 3	83	
Ridge beams	1	41 3	..	1 5	58	
Common rafters	50	12 0	..	0 10½	525	
Verandah—						
Posts	59	2 0	..	5 9	679	
Cap over	59	3 0	..	0 6	89	
Breast-summers, front	1	220 0	..	1 6	330	
Do. rear	2	58 9	..	1 6	176	
Do. courtyard	1	62 0	..	1 1	93	
Rafters, front, rear, and courtyard	222	11 6	..	1 1	2,766	
Hip rafters	10	14 3	..	1 8	178	
Jack rafters	100	6 10	..	1 1	740	
Eave planks to front verandah	1	226 0	..	1 3	282	
Do. rear	2	62 0	..	1 3	155	
Do. courtyard	1	72 0	..	1 3	90	
Do. main roof	1	300 0	..	1 3	375	
Do. verandah	1	204 0	..	1 3	255	
	8	30 0				
Barge boards	2	26 0	..	1 7	605	
	40	1 6				
	10	3 0				
Reepers	..	..	..	..	5,875	
Total Square feet	..	..	..	..	..	22,900
Lead sheeting for valleys, verandah, &c.	12	13 0	1 6	5 lb.	..	1,650 lb.
Do. main roof	8	8 0	1 6	per sq. ft.	..	
Teak-wood turned rails for dais	2	23 0	..	46	..	46 R. ft.
Masonry drain for inside of courtyard to the nearest Nullah or side drain of the road	..	..	..	..	..	Rs. 20
Iron grating to the above	..	..	..	..	2	2
Punkah, 10 feet long	2	..	..	..	2	2
Masonry receptacle should be provided in the treasury for holding cash chests	..	..	L. S.	..	..	Rs. 20

Estimate Form—Abstract.

Quantity.	Description of work.	Rate.	Per.	Amount.	Total.
1	2	3	4	5	6
		Rs. A. P.		Rs.	Rs.
27,827 c. ft.	Excavation for foundation	4 10 0	1,000 c. ft.	129	
11,371 ,,	Concrete	14 0 0	100	1,592	
15,651 ,,	Foundations and basement with stock bricks in chunam	19 8 0	..	3,052	
21,144 ,,	Superstructure do. do.	20 8 0	..	4,235	
908 ,,	Flat archwork do. do.	22 8 0	..	204	
173 ,,	Circular archwork do. do.	23 8 0	..	41	

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per.	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	RS.
450 c. ft.	Cut-stone work	2 0 0	C. ft..	900	
900 sq. ft.	Cuddapah slabs for ventilators including fixing and pointing with cement	24 8 0	100 sq. ft.	221	
1,773 c. ft.	Teakwood, wrought and put up	3 8 0	C. ft.	6,206	
1,076 lb.	Wrought iron work for trusses	0 3 0	lb	202	
15,281 sq. ft.	Tiled roofing with flat and pan tiles including teak reepers	14 1 0	100 sq. ft.	2,149	
501 ,,	Teakwood panal and venetian doors with frames 4" × 5" hinges, hooks and other fittings, complete.	1 1 0	Sq. ft.	532	
145 ,,	Teakwood panel doors with frames, 4" × 5" hinges and other fittings, complete	0 14 0	,,	127	
201 ,,	Iron-grated door with frames, strong iron fastenings, complete, to wards and treasury	1 13 0	,,	364	
48 ,,	Teakwood strong battened doors with frames, iron fastenings, complete	1 1 0	,,	51	
212 ,,	Teakwood venetian windows with glazed shutters inside frames, 3' × 5' hinges, hooks, bolts and other fittings, complete	1 13 0	,,	384	
58 ,,	Teakwood venetian windows with glazed top, complete	1 10 0	,,	94	
48 ,,	Iron-grated windows with strong battened shutters inside frames and other fittings, complete ..	2 7 0	,,	117	
19 ,,	Teakwood battened window with frames, iron bars and other fittings, complete	1 6 0	,,	26	
173 ,,	Teakwood venetian windows with glazed top frames, iron bars and other fittings, complete ..	1 12 0	,,	303	
54 ,,	Iron grated gate shutters, complete	1 13 0	,,	98	
49 ,,	Fixed glazed ventilators with frames, complete ..	1 3 0	,,	58	
6 ,,	Fixed wire netting for ventilators with frames and iron bars, complete	1 2 0	,,	7	
308 ,,	Fixed ventilators with wire netting without iron bars	0 11 0	,,	210	
60 ,,	Fixed iron-barred ventilators leaded in stone blocks as per details shown on plan	2 8 0	,,	150	
12,184 c. ft.	Filling in basement	5 0 0	1,000 c. ft.	61	
8,689 sq. ft.	Levelling course of concrete 6" thick, under flooring	7 0 0	100 sq. ft.	608	
7,898 ,,	Flooring with 8" square bricks in chunam and pointing with Portland cement	7 3 0	..	568	
1,938 ,,	Asphalting floor, ¾" thick, well rubbed over ..	17 5 0	..	336	
22,882 ,,	Plastering with two coats of chunam polished inside	2 8 0	,,	572	
10,729 ,,	Pointing with tar and asphalte	2 8 0	,,	268	
4,352 ,,	Painting doors and windows with three coats of Carson's oak paint	2 12 0	,,	120	
22,900 ,,	Painting wood-work with three coats of zinc white paint	2 12 0	,,	630	
1,650 lb.	Lead sheeting for valleys	0 3 0	lb.	309	
46 R. ft.	Teakwood turned rails for dais	1 8 0	R. ft.	69	
..	Cost of masonry drain from inside of courtyard to the nearest Nullah or side drain of the road ..	..	..	20	
2 No.	Iron grating to the above	0 8 0	Each.	1	
2 ,,	Teakwood punkahs, 10 feet long, with brown Holland fringes, brass wheels, hooks and other fitting including suspenders and pulling ropes, &c., complete	20 0 0	Each.	40	
	Masonry receptacle should be provided in the treasury for holding cash chests	..	..	20	25,174
	Petty supervision at 2½ per cent	..	..	..	628
	Contingencies at 5 per cent	..	..	..	1,258
	Grand Total of Estimate ..	..	..	..	27,060

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

[illegible]
Current Acct [illegible]

T.

2393/184

Vide Note on Plan.
It is a fact that
Provision for wall plates
is not made in the
Standard designs
of Taluq buildings.

When sending this
Estt. up to me, send
also the Standard
Designs —

I should like a
copy of this Plan
of Combined Offices

[illegible]

10.5.93

Why

No provision has been made
for wall plates under joists in the many
recent type designs prepared by
the Consulting architect.

Mr. Lewis the manager of the C.A.s
Office states that Mr. Irwin con-
-siders this provision unnecessary
as they are liable to decay being
imbedded in masonry. It is
submitted however that this
omission does not [illegible]

is as satisfactory as the [illegible]
of joists similarly situat[ed]
will likewise be applied.

If the provision of wall
plates be approved [illegible]
is requested to provide for
these in the revised esti[mates]
for Taluq Offices now under
examination in this office.

A copy of the plan of Com-
bined Offices for the Dy. Tah-
sildar & the Town Magistrat[e]
is herewith submitted.

[initials]

Wall plates
should in my
opinion be
introduced —
The joists should
not rest on
naked bricks —
Make necessary
alteration in
revised estimates

[initials]

2. [illegible] provision [illegible]
The necessary provision [illegible]
plates has now been made. [illegible]

Current 2327
/
2393/15

Dr/

"Estimates for Taluq Offices
Tiled & Terraced roofs:"

These estimates have been
very carefully scrutinized
& a fair copy with the numer-
ous corrections submitted for
your approval.

Provision for wall plates and
joists has now been made as
ordered.

Alterations to doors & windows
of Treasury & Cashier room
vide G.O. No. 785 W dated 22nd March
1892 have been carried out also
to ventilators as per Memo
No. 4236 C dated 23rd Sept. 1892.

Provision for record racks may
be made in the estimates as
they are fixtures & if approved
the entry will be made & the
total of estimates altered ac-
cordingly.

[initials]

[illegible]

To
[illegible]

Did you make the necessary alterations in the estimate in consequence of the addition of panelled & venetian doors in lieu of heavy batten doors being substituted for the doors to be kept open at night.

Ex.

No alterations were made in the estimates regarding the change of doors in the Cashiers rooms from iron grated to panel & venetian, as the G.O. (2240 W dated 31st Augst. 93) sanctioning this deviation was received after the submission of the estimates for your approval.

This alteration will be made in the estimates for Taluq Offices before sending

[illegible] 2.9.93

The Press.

2393 / 15 A

Errata in the printed schedule of quantities for First Class Taluq Offices (Tiled roofs) circulated with G.O. W. 3023 W dated 11th November 1891.

For | Read

Cut stone work:
(Page 16.)

For		Read	
Slab steps — 2 × 20.0″ × 3.0″ × 0.6″ = 60		Slab steps — 2 × 20.0″ × 3.0″ × 0.5½″ = 55	
3 × 19.6″ × 3.0″ × 0.6″ = 88		3 × 19.6″ × 3.0″ × 0.5½″ = 80	
Do. — Do. to Court yards. 1 × 6.0″ × 3.0″ × 0.6″ = 6		Do. — Do. to Court yards 1 × 6.0″ × 3.0″ × 0.5½″ = 6	
Total Cubic feet —	241	Total Cubic feet —	228.

Doors
(Page 18)

For		Read	
Teak panel and venetian doors with frames &c. — 13 × 4.6″ × 9.0″ = 527	527	Teak panel & venetian doors with frames &c. 13 × 3.10″ × 8.2″ = 407	407
Teak pannelled doors with frames, inner doors — 5 × 4.6″ × 9.0″ = 203; 1 × 4.0″ × 9.0″ = 36	239	Teak pannelled doors with frames, inner doors 5 × 3.10″ × 8.2″ = 157; 1 × 3.2″ × 8.2″ = 26	183
Teak strong battened doors with frames to arms & property rooms — 2 × 4.0″ × 8.0″ = 64	64	Teak strong battened doors with frames to arms & property rooms 2 × 3.4″ × 6.8″ = 44	44.

Windows
(page 18).

For		Read	
Venetian windows with glazed shutters, inside frames 3½″ × 5″ hinges, hooks, bolts & other fittings complete — 11 × 4.0″ × 6.0″ = 264	264	Venetian windows with glazed shutters, inside frames 3″ × 5″ hinges, hooks, bolts & other fittings complete 11 × 3.6″ × 5.6″ = 212	287

N.B. No details are furnished for these windows, estimate put up on the assumption that the frames are made 3″ × 5″.

For		Read	
Do. — Do. with glazed tops — 3 × 4.0″ × 8.9″ = 70	70	— Do. — Do. with glazed tops 3 × 3.6″ × 8.5″ = 58	—
Battened windows with frames, iron bars & fittings complete — 1 × 4.0″ × 6.0″ = 24	24	Batten windows with frames iron bars & fittings complete 1 × 3.6″ × 5.6″ = 19	—

No details furnished for this window, estimate put up assuming frames to be 3″ × 5″

Windows (continued)

Page 18.

Venetian windows with framed, glazed top, iron bars & brass fittings &c. { 17×2'0"×6'3" = 213 / 1×4'0"×7'6" = 30 = 243

Venetian windows with framed, glazed top, iron bars & brass fastenings &c. { 15×1'7"×5'10" = 139 / 2×1'7"×2'10" = 9 / 1×3'6"×7'0" = 25 = 173.

Superstructure

Page 15.

Deductions :-

Windows &c reserved room { 15×2'0"×1'6"×6'8" = 248 / 1×4'0"×1'6"×7'0" = 42 / 2×2'0"×1'6"×4'9" = 29

Do. to property room — Total ____ 5371

Total cubic feet 21353

Deductions

Windows &c reserved room { 15×2'0"×1'6"×6'3" = 281 / 1×4'0"×1'6"×7'0" = 42 / 2×2'0"×1'6"×3'3" = 20

Do. to property room — Total ____ 5,395

Total cubic feet 21329

"Plastering external"

Page 20.

For		Read
Window jambs & cappits reserved & property rooms	17×12'6"×1'6" = 319	15×15'0"×1'6" = 338
Do. Do. rooms	34×3'0"×2'0"×0'9" = 153	2×9'0"×1'6" = 27
	Total ____ 26437	34×3'0"×0'9" = 77
Doors	18×4'6"×—×9'0" = 729	____ 26407.
	6×4'6"×2'0"×9'0" = 486	18×4'6"×9'0" = 729
	2×4'0"×2'0"×9'0" = 144	2×6×4'6"×9'0" = 486
	6×4'0"×—×8'0" = 192	2×4'0"×9'0" = 144
	1×4'0"×2'0"×8'0" = 64	6×4'0"×8'0 = 192
Archway	4×37'3" area×— = 149	2×1×4'0"×9'0" = 64
	2×10'0"×2'0"×7'0" = 280	4×37'3" area×— = 149
	2×29'3"×area×2'0" = 117	4×10'0"×7'0" = 280
	Total Square feet 23270	4×29'3" area×— = 117
		23,240

"Abstract"

(pages 22 & 23)

2393/116

For	21353	Cft. of Superstructure with stock bricks in chimneys	20-8--	100	4377
Read	21329	Do. Do. Do. Do.	20-8--	100	4372
For	241	Cft. Cut stone work	2----	Cft	482
Read	228	Do. Do. Do. Do.	2----	Cft	456
For	527	Sqft. Teakwood panel & venetian doors with frames 3½"×5" hinges & other fittings complete	1-1--	Sqft	560
Read	407	Sqft. Do. Do. Do. with frames 4"×5" hinges, hooks & other fittings complete	1-1--	Sqft	432
For	239	Sqft Teakwood panel doors with frames 3½"×5" hinges & other fittings complete	--14--	Sqft	209
Read	183	Sqft Do. Do. Do. with frames 4"×5" hinges & other fittings complete	--14--	Sqft	160
For	64	Sqft Teakwood slung battened doors with frames, iron fastenings complete	1-1-0	Sqft	68
Read	44	Sqft Do. Do. Do. Do.	1-1-0	Sqft	47
For	264	Sqft Teakwood venetian windows with glazed shutters inside, frames 3"×5" hinges hooks, bolts & other fittings complete	1-13--	Sqft	479
Read	212	Sqft Do. Do. Do. frames 3"×5" Do.	1-13--	Sqft	384
For	70	Sqft Teakwood venetian windows with glazed top complete	1-10--	Sqft	114
Read	58	Sqft Do. Do. Do. Do.	1-10--	Sqft	94.
For	24	Sqft Teakwood battens windows with frames iron bars & other fittings complete	1-6--	Sqft	33
Read	19	Sqft Do. Do. Do. Do.	1-6--	Sqft	26

2393/17

Abstract continued.

~~For~~	~~[illegible]~~ Sft	Teakwood venetian windows with glazed top, frames, iron bars. Other fittings complete	1.12..	Sqft	425
Read	173 Sft	— Do. — Do. — Do.	1.12..	Sqft	303
For	~~23240~~	Sft. Plastering with 2 coats of chunam polished inside	2.8..	100	582
Read	23240	— Do. — Do. — Do.	2.8..	100	581

Omit "Sqft" in column 4 p. 23 against Flooring with asphalt 3/4" thick well rubbed over.

~~For~~ total under column 6 page 23. 25548 Read ——— 25,074
For Petty supervision at 2½% —— 635 Read ——— 628
For Contingencies at 5% ——— 1277 Read ——— 1,253
For Grand total of Estimate —— 27460 Read ——— 16,955

HW.

pw $\frac{5.3}{2327}$/93

G.O. No. 3023 W d/11-11-91

No. 4 1900

Government of Madras. 2393/18

PUBLIC WORKS DEPARTMENT.

Madras, 17th Septr. 1892.

OFFICE NOTE.

From W 18

To C. A.

As the dimensions of doors and windows detailed in the working drawings for taling offices submitted with your No. 1477 d/6 August 1892 for circulation to officers, are not in accordance with the instructions contained in Appendix G. to standard specification it is proposed to revise the schedule of quantities circulated with G.O. No. 3023 W d/11 November 1891 and to issue amended copies, please therefore revise the estimates for tile and terraced roofs accordingly.

0,319

P. W. CURRENT No. 2327

2. The enclosed errata sheet shows the corrections considered necessary by this office. Similar corrections will be needed in the schedule of quantities for terraced buildings. The corrections pointed out are subject to amendment and verification in your office.

No. 3023 W of 11-11-91.
" 2489 W/ of 7-9-92
" 4236 C of 23-9-92

To W

D W

No. 3569 of 8 March 1893.

The printed Estimate (corrected in red ink) for tiled & terraced roofs of the 1st class Taluq offices, revised in accordance with the working drawings of Doors windows &c. circulated with G. O. No. 2489 W of 7th Septr/92 is herewith forwarded.

The enclosures received with the above are herewith returned.

Encls 3
Recd 16-3-93

Henry Irwin

March/93. Consulting Archt. to Government

PUBLIC WORKS DEPARTMENT.

No. 2393 W of 19 September 1893.

2393 / 19

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

Office note to the Consg. Archt. No. 4190 C of 17.9.92
Do. from — do — 3569 of 8.3.93

30

The revised specifications and schedules of quantities to accompany the type plans of Taluk offices are circulated in supersession of those issued with G.O. No. 3023 W of 11 Novr 1891.

7.9.93

9.9

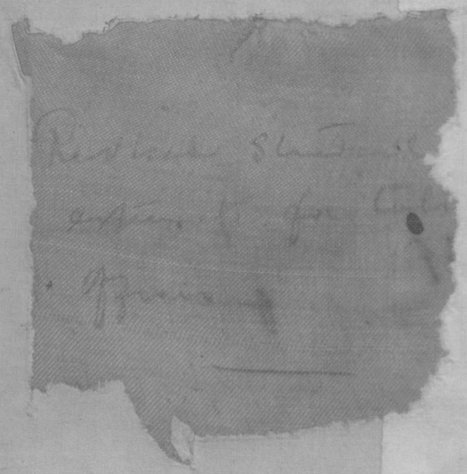
To Supg. Engrs.
C.A. to Govt.
Rev. Dept.
Judl. Dept.

DESPATCHED 27 OCT. 93

27/10

(40—2,000—15-5-93.)

2393
20



C No 2327

Govt. of {1893} Madras.

PUBLIC WORKS.

Dated

Read. Encl.

G.O. 19 Septr 1893, No. 2393

Taluk offices

Circulating revised specifns and schedule of quantities to accompany type plans of—

J.C. 21.17