Public Works (1897) Department.

G.O.; No. 149460

DATED 2 June 97

Typl

1/6/97

[Despatch Abstract.]

Type designs: Circulating to offices of the P.W.D. for guidance Revised — with descriptive specification and Schedules of Quantities for first-class Taluk Offices.

2410/14 300/14

[P.W. 23. pw—30-11-96.]

1C 1/6/97 Indexed. pw. 5/6/97

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	631.	Cn	1-2-97.				
	1818.	Cn	2-4-96				

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1897} of Madras.

PUBLIC WORKS.

Recd. } 1897. *Enclosures*

Regd. } *Spare copies*

G.O., No. 1494 W., 2nd June 1897.

JUNE.

Type Designs

Circulating to officers of the Public Works Department, for guidance, revised — with descriptive specification and schedules of quantities for first-class taluk offices.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From G. S. T. HARRIS, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepauk, 29th April 1897, No. 251.

With reference to your memo., No. 1818 C., dated the 2nd April 1897, I have the honour to submit a revised estimate for first-class taluk cutcherries with roofing of Mangalore tiles with the scantlings of timbers reduced as directed.

I also submit a revised estimate for first-class taluk cutcherries with terraced roofing for Jail wards and ordinary flat and pan tile roofing for other portions. The several modifications as to doors, drains, &c., have been carried out in these estimates.

Three lithographs with alterations in red are also forwarded.

Enclosures.

Revised standard design for first-class Taluk offices with Mangalore tiled roofing and terraced ceiling for the Sub-jail wards, treasury, &c., according to sheet No. E of sections signed by the Consulting Architect to Government on the 17th July 1894, and issued with G.O., No. 3085 W., dated 1st December 1894.

Descriptive specification for the design will be the same as that attached to the schedule of quantities for tiled and terraced roof for the sub-jail wards, except the roofing which will be as follows :—

Roofing.—The roof will be covered with Mangalore tiles over teak reepers 2″ × 1″ fixed 12½ inches from centre to centre. All valleys should be protected with sheet lead. The treasury and sub-jail wards will have a terraced ceiling as shown on sections C. D., G. H and I. J. of the sheet referred to and the other rooms will be ceiled with ⅝″ thick teak planking screwed to the underside of rafters overlapping one inch, the rafters should not be cut.

A small exit to be provided in the rear wall of each jail ward, with a small pucka drain running along the line of the rear wall and connected with the nearest main drain (*vide* Chief Engineer's memo., No. 631 C., dated 1st February 1897).

Mangalore tiled roofing and terraced ceiling for the sub-jail wards and Treasury.

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Court walls, four sides	2	92 0	4 0	5 0	3,680	
Dais	2	17 6	2 0	0 9	53	
Do. steps	4	4 6	2 0	0 9	27	
Cashier's and clerks' rooms, 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 cashier's and clerks' rooms 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	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	

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
Excavation for foundation—cont.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Male wards at back	2	33 0	4 0	5 0	1,320	
Cross walls	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	
	1	19 6	2 3	0 9	33	
Do. for yard	1	5 3	1 3	0 9	5	
Total, Cubic feet	..	..	..	..	..	27,826
Concrete.						
Court walls, four sides	2	92 0	4 0	2 0	1,472	
Dais	2	19 6	2 0	0 9	59	
Do steps	4	4 6	2 0	0 9	27	
Cashier's and clerks' room 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 cashier's and clerks' rooms and courts.	4	35 9	4 0	2 0	1,144	
Do. private rooms	4	12 6	4 0	2 0	400	
End and cross walls	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	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 6	3 6	2 0	410	
Steps	2	20 6	3 3	0 9	100	
	2	20 0	3 3	0 9	98	
	1	19 6	3 3	0 9	48	
Do. at court yard	1	6 0	2 3	0 9	10	
Total, Cubic feet	..	..	..	..	..	11,372
Brick work in foundations.						
Footings.						
Court walls, four sides	2	92 0	2 9	1 6	759	
Cashier's 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 cashier's and clerks' and courts.	4	37 0	2 9	1 6	611	
Do. do. private rooms	4	12 6	2 9	1 6	206	
End and cross walls	6	16 9	2 9	1 6	415	
Partition wall between station record-rooms	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	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 9	2 3	1 6	202	
Above footings to ground level.						
Court walls, four sides.	2	92 0	2 0	1 6	552	
Cashier's 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 cashier's and clerks' room and courts.	4	37 9	2 0	1 6	453	
Do. private rooms	4	12 6	2 0	1 6	150	
End and cross walls	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, &c., and record-room walls, three sides.	2	138 6	2 0	1 6	831	
Male wards at back	2	35 0	2 0	1 6	210	
Cross walls	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 6	1 6	1 6	136	

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Basement.						
Court walls, four sides	2	92 0	2 0	2 0	736	
Dais	2	19 6	1 6	2 0	117	
Do. 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 do. do.	1	17 6	2 0	2 0	70	
Front and rear walls between cashier's and clerks' room 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 walls, three sides.	2	138 6	2 0	2 0	1,108	
Male wards at back	2	35 0	2 0	2 0	280	
Cross walls	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 do.	2	57 9	1 6	2 0	347	
Courtyard verandah	1	60 6	1 6	2 0	182	
Steps, 16 feet long	2	16 0	1 0	0 6	16	
Do.	2	18 0	2 0	0 6	36	
Do.	2	20 0	3 0	0 6	60	
Steps, 15½ feet long	2	15 6	1 0	0 6	16	
Do.	2	17 6	2 0	0 6	35	
Do.	2	19 6	3 0	0 6	59	
Steps, 15 feet long	1	15 0	1 0	0 6	8	
Do.	1	17 0	2 0	0 6	17	
Do.	1	19 0	3 0	0 6	29	
Steps in courtyard, 6 feet long	1	6 0	1 0	0 6	3	
Do. do.	1	6 0	2 0	0 6	6	15,789
Deductions—						
Stone slabs on top of steps, 16 feet long	2	20 0	3 3	0 5½	60	
Do. do. 15½ do.	2	19 6	3 3	0 5½	58	
Do. do. 15 do.	1	19 0	3 3	0 5½	28	
Do. do. 6 do.	1	6 0	2 2	0 5½	6	
Do. do.	59	1 0	1 0	0 3	15	
Stones under posts let into basement 3"						
Sill Stones—						
Outer doorways	16	5 6	1 6	0 6	66	
Inner do.	4	5 6	1 6	0 6	17	
Do. do.	2	5 0	1 6	0 6	8	
Do. do. for treasury	1	7 0	0 9	0 6	3	
Do. do. for jail wards	5 × 2	1 3	0 10½	0 6	5	
For property and arm rooms	2	5 0	1 6	0 6	8	
For gates at passage and Police guard	2 × 2	1 3	1 6	0 6	4	
Do. do.	2	0 9	0 9	0 6	1	279
Total, Cubic feet	..	..	..	..	..	15,510
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 in front and rear	2 × 2	21 0	1 6	3 6	441	
Do. at sides and other places	6	9 10½	1 6	1 10½	167	
Cashier's 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 cashier's and clerks' room and courts.	4	38 3	1 6	15 7½	3,586	
Do. private rooms	4	12 6	1 6	15 7½	1,172	
End and cross walls of private, head accountant and clerks' room.	6	18 0	1 6	15 7½	2,531	
Gables to do. 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 and wards	1	210 0	1 6	13 7	4,279	
Cross walls	6	16 0	1 1½	13 7	1,467	
Gables	6	19 0	1 1½	3 2	406	
Do.	2	19 0	1 6	3 2	181	
Record-room walls	1	139 0	1 6	13 3	2,763	
Property room in verandah	1	19 6	1 6	8 0	234	
Do. do.	1	7 3	1 6	10 0	109	
String course over gothic windows to private rooms.	2	5 10	..	..	..	

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
String course over gothic windows to record-room.	15	3 5				
	1	5 10				
String course over ventilators	20	4 9				
Do. at courts, clerks' and cashier's rooms	16	4 9				
		239 9	0 3	0 3	15	
Half gable between female wards to be built up to the height of roof.	1	9 6	1 1½	2 10½	31	
Deduction—						27,440
Outer doorways in courts and clerks', &c., rooms.	16	4 6	1 6	8 6	918	
Inner doorways in courts and clerks', &c., rooms.	4	4 6	1 6	8 6	230	
	2	4 0	1 6	8 0	96	
Do. do. between Treasury and cashier's rooms.	1	4 6	1 6	9 0	61	
Do. jail wards	5	4 0	1 6	8 0	240	
Do. to arms room	1	4 0	1 1½	7 6	34	
Do. to property room	1	4 0	1 6	7 6	45	
Do. passage front and rear	2	4 0	1 6	8 6	102	
Archways to Police guard room, rectangular portion.	3	5 0	1 6	5 6	124	
Archways to Police guard room, semicircular portion.	3	9 10	area.	1 6	41	
Archways to passage at back	1	5 0	1 6	8 6	64	
Do. in clerks' rooms	2	10 0	1 6	7 0	210	
Do. semicircular portion	2	39 3	area.	1 6	118	
Windows—						
In courts, &c., rooms	11	4 0	1 6	6 0	396	
In private rooms	2	4 0	1 6	8 9	105	
In treasury	2	4 0	1 6	6 0	72	
Windows in arms room	1	4 0	1 6	6 0	36	
Recess to windows above	16	4 0	0 9	3 0	144	
Windows in record-rooms	15	2 0	1 6	6 3	281	
Recess to do.	15	2 0	0 9	3 0	68	
Windows at end of record-rooms	1	4 0	1 6	7 6	45	
Recess to record-rooms	1	4 0	0 9	3 0	9	
Windows in property room	2	2 0	1 6	3 3	20	
Recess to do.	2	2 0	0 9	3 0	9	
Ventilators for courts, rear	4	4 0	1 6	4 0	96	
Ventilators for courts, and clerks', &c., rooms, front and rear.	20	4 0	1 6	1 6	180	
Do. do. large	12	4 0	1 6	4 0	288	
Ventilators for jail wards	10	4 0	1 6	1 6	90	
Stones for treasury door	4	1 3	0 11	0 6	2	
Do. of jail wards	5 × 3	1 3	0 10½	0 6	8	
Do. at recess of padlock do.	5	3 0	1 6	1 6	34	
Do. for gate passage and Police guard	2 × 2	1 0	0 11	0 6	2	
Do. do. for iron doors at C and D.	2 × 4	1 0	0 11	0 6	4	
Do. for windows in Treasury	2 × 4	1 3	0 11	0 6	5	
Do. for ventilators in Jail wards	10 × 4	1 0	1 6	0 9	45	
Bed plates under trusses, courts	8	1 6	1 6	0 4	6	
Do. do. in clerks', head accountant's rooms.	10	1 6	1 6	0 4	8	
Do. in record rooms	10	1 6	1 6	0 4	8	
Do. wards and guard-rooms	8	1 6	1 6	0 4	6	
Archwork as per details	..	..	..	..	972	
Total, Cubic feet	..	..	..	..	..	5,222
Segmental Archwork.						22,218
Over doors in the courts and clerks' rooms	16	5 6	1 6	1 1½	149	
Do. inside do.	4	5 6	1 6	1 1½	37	
Do. do. do.	2	5 1½	1 6	1 1½	17	
Do. do. at treasury	1	5 6	1 6	1 1½	9	
Do. wards, arms and property rooms	7	5 1½	1 6	1 1½	61	
Passage, front and rear	2	5 1½	1 6	1 1½	17	
Do. at back	1	6 0	1 6	1 1½	10	
Over windows, courts, &c., rooms	16	5 1½	1 6	1 1½	138	
Do. record room	15	3 1½	1 6	1 1½	79	
Do. property room	2	3 0	1 6	0 9	7	
Do. record room at end	1	5 1½	1 6	1 1½	9	
Over ventilators, large and small	36	4 9	1 6	1 1½	289	
Total, Cubic feet	..	..	..	..	..	822

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
Circular Archwork.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Over archways to clerks' and head accountant's rooms.	2	18 0	1 6	1 6	81	
Do. Police guard room.	3	10 3	1 6	1 6	69	
Total, Cubic feet ..	..	..	..	..	..	150
Cut Stone work.						
Stones for cills of doorways (outer)	16	5 6	1 6	0 6	66	
Do. do. (inner)	4	5 6	1 6	0 6	17	
Do. do. (do.)	2	5 0	1 6	0 6	8	
Do. do. treasury ..	1	7 0	0 9	0 6	3	
Do. do. do. ..	4	1 3	0 11	0 6	2	
Do. do. jail wards ..	5 × 5	1 3	0 10½	0 6	14	
Do. at recess for padlocks ..	5	3 0	1 6	1 6	34	
Do. do. property and arms rooms.	2	5 0	1 6	0 6	8	
Stones to gates at passage (A) and Police guard.	2 × 2	1 3	1 6	0 6	4	
Do. do. ..	2	0 9	0 9	0 6	1	
Do. do. ..	2 × 2	1 0	0 11	0 6	2	
Stones for iron doors at C and D	2 × 4	1 0	0 11	0 6	4	
Do. windows in treasury	2 × 4	1 3	0 11	0 6	5	
Do. ventilators of jail wards	10 × 4	1 0	1 6	0 9	45	
Bed plates for trusses, courts	8	1 6	1 6	0 4	6	
Do. clerks' andh head accountant's rooms ..	10	1 6	1 6	0 4	15	
Do. record-room	10	1 6	1 6	0 4		
Do. wards and guard-rooms	8	1 6	1 6	0 4	6	
Stones to steps, 16 feet long	2	20 0	3 3	0 5½	60	
Do. 15½ feet long	2	19 6	3 3	0 5½	58	
Do. 15 feet long	1	19 0	3 3	0 5½	29	
Do. in courtyard	1	6 0	2 2	0 5½	6	
Stones for posts including the portion, 3″ (let into basement).	59	1 0	1 0	1 0	59	
Total, Cubic feet ..	..	..	..	..	..	452
Cuddapah Slabs 2″ thick.*						
Ventilators, large, to courts, cashier's and clerks' rooms.	12 × 5	5 0	..	1 6	450	
Ventilators, small	20 × 2	5 0	..	1 6	300	
Total, Square feet ..	..	..	..	..	..	750
Teakwood wrought and put up.						
Courts and clerks' rooms, 9 trusses of 18′ span—						
Tie beams	9	21 0	0 4	0 7½	39	
Principal rafters	9 × 2	12 0	0 4	0 6½	39	
Struts	9 × 2	5 6	0 4	0 4	11	
Blocks on heads of trusses	9	1 3	0 6	0 9	4	
Courts—						
Purlins including 6″ overlapping on each truss and 2′ projection outside the walls.	2 × 2	33 0	0 3½	0 7	22	
Wall purlins	2 × 2	16 0	0 4	0 4	11	
	2 × 2	8 6				
Ridge beam, including overlapping, &c.† ..	2 × 1	33 0	0 3	0 8	11	
Do. do. at sides ..	2 × 2	5 6	0 3	0 8	4	
Common rafters about 2½ feet apart from centre to centre.	2 × 22	15 0	0 2¼	0 4	41	
Jacks to do.	2 × 4	12 6	0 2¼	0 4	6	
Do. do.	2 × 4	9 0	0 2¼	0 4	4½	
Do. at centre	2 × 2	5 9	0 2¼	0 4	1½	
Do. at sides	2 × 4	3 6	0 2¼	0 4	2	
Do. close to wall	2 × 4	5 0	0 2¼	0 4	2½	
Valley rafters at sides	2 × 4	9 6	0 3	0 6	9½	
Cashier's and clerks' rooms—						
Purlins including overlapping	2	43 6	0 5	0 7	21	
Wall purlins	2	43 6	0 4	0 4	10	
Ridge beam	1	43 6	0 3	0 8	7	
Common rafters	40	15 0	0 2¼	0 4	37½	
Station record, Inspector's, passage, treasury, head accountant's and clerks' rooms—						
Purlins including overlapping	2 × 2	41 3	0 5	0 7	40	
Wall purlins in front	2 × 1	41 3	0 3	0 7	12	
Do. in rear	2 × 1	28 6	0 3	0 7	8	
Do. do.	2 × 1	5 6	0 3	0 7	1½	

* Where Cuddapah slabs are not easily available, Mangalore tile louvres may be used as per plan circulated with G.O., No. 170 C.D., dated 11th January 1896.

† *N. B.*—The projections of the eaves should be arranged according to the length of the tiles used, as tiles of slightly different lengths are manufactured at the several manufactories.

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Station record, Inspector's, passage, treasury, head accountant's and clerks' rooms—*cont.*						
Ridge beam including overlapping ..	2 × 1	41 3	0 3	0 8	14	
Do. to meet roof of record and police guard rooms.	2	5 6	0 2½	0 8	1½	
Common rafters, front	2 × 17	15 0	0 2¼	0 4	52½	
Do. rear	2 × 11	15 0	0 2¼	0 4		
Do. jacks	2 × 2	12 6				
Do. do.	2 × 2	9 0				
Do. centre	2 × 1	5 9	0 2¼	0 4	8	
Do. at sides	2 × 2	3 6				
Do. close to walls	2 × 2	5 6				
Valley rafters at sides	2 × 2	9 6	0 3	0 6	5	
Private rooms—						
Purlins	2 × 2	15 6	0 5¼	0 7½	17	
Wall purlins	2 × 2	15 6	0 4	0 4	7	
Ridge beams	2 × 1	15 6	0 3	0 8	5	
Common rafters	2 × 14	15 0	0 2¼	0 4	26	
Record room—						
Fine trusses of 16 feet span—						
Tie beams	5	19 0	0 4	0 6	16	
Principal rafters	5 × 2	10 0	0 4	0 5½	15	
Struts	5 × 2	4 9	0 4	0 4	5½	
Blocks on heads of trusses	5	1 3	0 6	0 9	2	
Purlins including overlapping	1	60 0				
Do. do.	1	52 0	0 4¼	0 7	26	
Do. cross at end	1	14 6				
Wall purlins (outside)	1	65 0				
Do (inside)	1	46 6	0 3	0 6	16	
Do. (cross)	1	14 0				
Ridge beam	1	55 6	0 2½	0 8	8	
Do. at side	1	10 0	0 2½	0 8	1	
Common rafters, including the end ones (outside).	26	14 0	0 2½	0 3½	34½	
Do. inside	19	14 0				
Hip and valley rafters	2	18 0	0 3	0 6	4½	
Jack rafters (outside)	2	10 6				
Do.	2	7 6				
Do.	2	5 0				
Do.	2	3 0	0 2¼	0 3½	5	
Do. (inside)	2	9 6				
Do.	2	6 6				
Do.	2	3 6				
Male wards and passage—						
Wall plates including overlapping	2	38 0	0 4	0 3	6	
Common rafters, front	17	13 0	0 3	0 5	48	
Do. rear	17	14 0				
Collar pieces	17	14 9	0 3	0 5	26	
Do. small	17	8 9	0 3	0 4	12	
Police guard, arms, male and female wards—						
Wall plate in rear	1	65 0				
Do. in front	1	48 6	0 4	0 3	11	
Do. end wall	1	19 0				
Common rafters up to last but one ward rear.	23	14 0				
Do. do. front ..	23	13 0	0 3	0 5	71	
Do. do. at end ..	4	14 0				
Collar pieces, large	23	14 9	0 3	0 5	35	
Do. small	23	8 9	0 3	0 4	17	
Hip rafters	1	18 0	0 3	0 7¼	5	
Valley rafters	1	15 6				
Jack rafters (outside)	2	10 6				
Do.	2	7 6				
Do.	2	5 0				
Do.	2	3 0	0 3	0 5	9½	
Do. (inside)	2	9 6				
Do.	2	6 6				
Do.	2	3 6				
Wall plate on half gable wall between the female wards at end.	1	10 6	0 4	0 4	1	
Verandah—						
Posts	59	6 0	0 6	0 6	88½	
Caps over posts	59	1 0	1 0	0 6	29½	
Bressummer in front including overlapping ..	1	230 0	0 4	0 5	32	
Do. in rear	2	62 0	0 4	0 5	17	
Do. in courtyard	1	65 0	0 4	0 5	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
		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Teakwood wrought and put up—cont.						
Verandah—*cont.*						
Rafters in front	65	12 6	0 3	0 5	85	
Do. in rear	2 × 18	12 6	0 3	0 5	47	
Do. in courtyard	32	12 6	0 3	0 5	47	
Hip and valley rafters	10	16 6	0 3	0 5	42	
Jack rafters in front and rear	12	9 0	0 3	0 7¼	25	
Do.	12	6 6				
Do.	12	4 0				
Do. in joining valley rafters	2	4 0				
Do.	2	6 6				
Do.	2	8 0				
Do.	2	8 6	0 3	0 5	40	
Do.	2	5 3				
Do.	2	2 9				
Do. in courtyard	4	9 0				
Do.	4	6 6				
Do.	4	4 0				
Wall plates in front including overlapping	1	188 0				
Do. in rear do.	2	43 6				
Do. in courtyard do.	1	115 0	0 3	0 3	25½	
Do. in property room do.	1	19 0				
Eave planks to verandah front	1	227 0				
Do. rear	2	63 0				
Do. courtyard	1	71 0				
Do. around mair roof	1	342 0				
Do. around Police guard, wards and record rooms.	1	199 6	0 1	0 7	52½	
Do. around main roof in front of Police guard and wards, &c.	1	114 6				
Barge boards to courts and other end gables	8	30 0	0 1	0 9	15	
Additional pieces to above	32	1 6	0 1	0 9	3	
Do. at top	8	3 0	0 1	0 9	1½	
Beams and joists to terrace roof for Treasury, Police guard and wards.						
Beams to wards and Police guard rooms	4	18 6	0 10½	1 0	65	
Treasury joists 18″ from centre to centre	13	11 6	0 3	0 6½	20	
Do. Police guard room	12	17 4	0 3	0 5	22	
Do. arms room	12	11 1½	0 3	0 6½	18	
Do. wards	12	16 1½	0 3	0 5	20	
Do. female wards	2 × 12	8 7½	0 3	0 5	21½	
Male wards and passage at back joists	12	37 6	0 3	0 5	47	
Wall plates to treasury	2	19 0	0 4	0 3	3	
Do. Police guard and arms	6	17 0	0 4	0 3	8½	
Do. male ward and passage	4	17 0	0 4	0 3	6	
Total, Cubic feet	..	..	..	..	..	1,600
Teakwood ceiling planks ⅝″ thick to be screwed to underside of rafters overlapping 1″.						
Courts	2	32 0	..	29 0	1,856	
Cashier's and clerks' rooms, large	1	42 6	..	29 0	1,233	
Station records, Inspector's, passage, treasury head accountant's and clerks' rooms.	2	38 3	..	29 0	2,219	
Private rooms	2	14 6	..	29 0	861	
Record room	1	63 6	..	27 6	1,746	
Total	..	..	..	..	7,915	..
Deduct for treasury	1	11 0	..	29 0	319	
Net ceiling planks, Square feet	..	..	..	..	..	7,596
Lead sheeting $\frac{3}{32}$″ thick.						
For valley courts	8	9 6	..	1 6	114	
Do. at the junction of main and record and Police guard roofs.	4	9 6	..	1 6	58	
Do. at back of record room	1	18 0	..	1 6	27	
Do. do. female ward	1	16 0	..	1 6	24	
Do. verandah front	2	16 6	..	1 6	49½	
Do. court yard	2	16 6	..	1 6	49½	
Total, square feet 322 @ 5·58 lb. per sq. ft.	..	..	..	..	..	1,797

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
		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Semicircular zinc gutter 8″.						
For valley at sides of court rooms	8	6 0	..	..	..	
Do. at record and Police guard rooms	4	6 0	..	..	..	
Total, gutter R. ft.	..	..	..	..	..	72
Downfall pipes 3″ diameter	8	18 0	..	..		
Do. do.	4	15 0	..	..		
Total, R. ft.	..	..	..	..	..	204
Wrought iron work.				lb.		
1″ diameter king rod for 18′ trusses	9	8 6 = 76 6		× 2·62	200	
1″ hex nuts and heads to trusses	9	.. ..		× 1·10	10	
3″ diameter ⅛″ thick washers	27	7·068 × ·125	= 23·85	× 0·28 = 7		
1½″ × ⅜″ heal straps	18	3·4 = 30 0		× 2·5	150	
1½″ × ⅜″ bearing plates	18	0 6¾ = 10·125		× 2·5	25	
⅝″ hex nuts	36	.. ..		× 0·267	10	
Caps of ⅜″ plates 6″ wide	9	1 4 = 12 0		× 7·51	90	
1″ diameter king rod for 16′ trusses	5	7 6 = 37 6		× 2·01	75	
⅞″ diameter heads and nuts to trusses	5	.. ..		× 0·73	4	
3″ diameter ⅛″ thick washers	15	7·068 × ·125	= 13 25	× 0·28 = 4		
1½″ × ⅜″ heel straps	10	2 6 = 25 0		× 1·87	47	
1½″ × ⅜″ bearing plates	10	0 6¾ = 5·63		× 1·87	11	
⅝″ hex nuts	20	.. ..		× 0·267	5	
Caps of ⅜″ plates, 6″ wide	5	1 4 = 6·67		× 7·51	50	
Pins for posts ¾″ diameter	59	1 3 = 73·75		× 1·476	109	
Holding down bolts at end of each truss, ½″ dr.	28	1 4 = 37·33		× 0·656	24	
Heads and nuts to do.	28	.. ..		× 0·128	4	
3″ diameter ⅛″ thick washers for holding down bolts and posts	87	7·068 × ·125	= 76·86	× 0·28 = 22		
Total, lb.	..	..	..	..	..	847
Roofing with Mangalore tiles including teak reepers.*						
Courts	2	32 0	..	30 0	1,920	
Cashier's and clerks' rooms	1	42 6	..	30 0	1,275	
Station records, Inspector's, passage, treasury, head accountant's and clerks' rooms	2	38 3	..	30 0	2,295	
Private rooms	2	14 6	..	30 0	870	
Record rooms	1	63 6	..	28 0	1,778	
Police guard, arms, male and female wards	1	63 6	..	27 0	1,715	
Male wards and passage at back	1	35 6	..	27 0	959	
Verandah in front	1	207 0	..	12 0	2,484	
Do. in rear	2	52 0	..	12 0	1,248	
Do. courtyard	1	92 6	..	12 0	1,110	
Total, Square feet	..	..	..	..	..	15,654
Terraced ceiling.						
Treasury	1	11 0	..	19 0	209	
Police guard, arms and wards	1	61 0	..	17 0	1,037	
Male wards at back	1	36 6	..	17 0	621	
Total, Square feet	..	..	..	..	..	1,867
Doors.						
Teak panel and venetian doors, with frames, &c.	16	4 6	..	8 6	612	
Total, Square feet	..	..	..	..	..	612
Teak panel doors with frames (inner doors)	4	4 6	..	8 6	153	
Do. do. do.	2	4 0	..	8 0	64	
Total, Square feet	..	..	..	..	..	217

* *N.B.*—The projections of the eaves should be arranged according to the length of the tiles used, as tiles of slightly different lengths are manufactured at the several manufactories.

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
Doors—cont.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Iron-grated door to treasury	1	4 6	..	9 0	41	
Do. to jail wards	5	4 0	..	8 0	160	
Total ..	..	..	..	..	..	201
Teak strong bottom doors with frames to arms and property rooms	2	4 0	..	7 6	60	
Total ..	..	..	..	..	..	60
Windows.						
Venetian windows with glazed shutters inside, frames, hinges, hooks, bolts and other fittings, complete	11	4 0	..	6 0	264	
Total ..	..	..	..	..	..	264
Venetian windows with glazed top to private-rooms	2	4 0	..	8 9	70	
Total ..	..	..	..	..	..	70
Iron-grated windows, iron fastenings complete to treasury	2	4 0	..	6 0	48	
Total ..	..	..	..	..	..	48
Batten windows with frames, iron bars and fittings, complete, to arms rooms	1	4 0	..	6 0	24	
Total ..	..	..	..	..	..	24
Venetian windows with frames, glazed top, iron bars and fastenings, &c., for record-room ..	15	2 0	..	6 3	188	
Venetian windows with frames, glazed top, iron bars and fastenings, &c., for record-rooms at end	1	4 0	..	7 6	30	
Venetian windows with frames, glazed top, iron bars and fastenings, &c., to property room ..	2	2 0	..	3 3	13	
Total ..	..	..	..	..	..	231
Iron-grated gate shutters for police guard ..	1	5 0	..	6 0	30	
Do. to passage at A ..	1	4 0	..	6 0	24	
Total ..	..	..	..	..	..	54
Iron-grated gate shutters with small wickets at bottom to be fixed inside of the doors C and D in the cashier's room to receive remittances and to make payments (*vide* G.O., No. 1417, dated 7th June 1894)	2	4 6	..	4 0	36	
Total ..	..	..	..	..	..	36
Ventilators.						
Ventilators with fixed glazed shutters, frames, &c., for courts at back (*vide* G.O., No. 3084 W., dated 2nd December 1895)	4	4 0	..	4 0	64	
Total ..	..	..	..	..	..	64
Ventilators with fixed wire-netting ($\frac{1}{2}$" mesh) and iron bars, frames, &c., for treasury in front ..	1	4 0	..	1 6	6	
Total ..	..	..	..	..	..	6
Ventilators with wire-netting frames, &c., without iron bars	12	4 0	..	4 0	192	
	19	4 0	..	1 6	114	
Total ..	..	..	..	..	..	306
Iron-barred ventilators leaded in stone blocks as per details shown on plan for jail wards ..	10	4 0	..	1 6	60	
Total ..	..	..	..	..	..	60

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
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	
Cashier's room	1	9 6	17 6	1 6	249	
Treasury	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 room	2	8 9	7 11½	1 6	208	
Private rooms	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	50 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	
Do.	2	13 7½	15 6	1 6	654	
Female wards	2	7 0	15 6	1 6	326	
Passage	1	4 6	15 6	1 6	105	
Front verandah	1	200 0	7 3	1 6	2,175	
Rear do.	2	49 0	7 3	1 6	1,066	
Courtyard verandah	1	78 0	7 3	1 6	848	
Total ..	..	..	..	..	..	12,186
Levelling course of concrete 6" thick under flooring.						
Courts	2	24 6	17 6	..	858	
Clerks' rooms, small	1	20 3	17 6	..	354	
Head accountant's room	1	15 6	17 6	..	271	
Clerks' room, large	1	23 6	17 6	..	411	
Cashier's room	1	9 6	17 6	..	166	
Treasury	1	9 6	17 6	..	166	
Passage	1	4 0	17 6	..	70	
Inspector's room	1	9 6	17 6	..	166	
Station record room	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	..	233	
Arms room	1	9 6	15 6	..	147	
Male wards	1	14 6	15 6	..	225	
	2	13 7½	15 6	..	422	
Female wards	2	7 0	15 6	..	217	
Passage	1	4 6	15 6	..	70	
Front verandah	1	200 0	7 3	..	1,450	
Rear do.	2	49 0	7 3	..	711	
Court-yard verandah	1	78 0	7 3	..	566	
	1	24 6	26 3	..	643	
Total ..	..	..	..	..	..	8,693
Flooring with 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	
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 record room	2	8 5½	..	9 3	156	
Private rooms	2	11 0	..	18 0	396	
Property room	1	7 3	..	18 0	131	
Police guard room	1	15 6	..	16 0	248	
Arms room	1	10 0	..	16 0	160	
Passage	1	5 0	..	16 0	80	
Front verandah	1	203 0	..	9 0	1,827	
Rear do.	2	50 9	9 0	..	914	
Courtyard verandah	1	76 0	9 0	..	684	
	1	24 6	26 3	..	643	
Archways at A and B	2	4 0	1 6	..	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
Flooring with 8" square bricks in chunam and painting with Portland cement—cont.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Doorways towards outside	5	4 0	0 6	..		
Recess to windows	16	4 0	0 9	..	10	
Do. to property room	2	2 0	0 9	..	48	
Archways to police guard and passage	4	5 0	1 6	..	3	
Do. to Head Accountant's room	2	10 0	1 6	..	30	
					30	
					7,987	
Deduct stones for posts	59	1 0	1 0	..	59	
Net Total	..	..	..	..	..	7,928
Asphalting floor ½" thick.						
Record-room	1	60 0	16 0	..	960	
Window recess	1	4 0	0 9	..	3	
	15	2 0	0 9	..	23	
Male wards	1	15 0	16 0	..	240	
	2	14 1½	16 0	..	452	
Female wards	2	7 6	16 0	..	240	
Doorways	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	
Clerks' room, large	1	84 0	..	18 7½	1,565	
Cashier's room	1	56 0	..	18 7½	1,043	
Clerks' room, small	1	77 6	..	15 7½	1,211	
Head Accountant's room	1	68 0	..	15 7½	1,063	
Treasury	1	56 0	..	14 10½	833	
Passage	1	45 0	..	15 7½	703	
Inspector's room	1	56 0	..	15 7½	875	
Station record-rooms	2	35 4½	..	15 7½	1,105	
Private rooms	2	58 0	..	15 7½	1,813	
Gables	28½	18 0	..	3 6	1,796	
Property room (average)	1	50 6	..	10 3	518	
Record-room	1	152 0	..	13 3	2,014	
Police guard room	1	63 0	..	12 10	809	
Arms	1	52 0	..	12 10	667	
Male wards	1	62 0	..	12 10	796	
Do. at back	2	60 3	..	12 10	1,546	
Female wards	2	47 0	..	12 10	1,206	
Passage	1	42 0	..	12 10	539	
Gables including half gables to be built between female wards to the full height of roof	18½	16 0	..	3 2	937	
Door jambs and soffits	20	21 6	..	1 1	466	
Do. treasury	1	22 6	..	1 6	34	
Do. small doors	2	20 0	..	1 1	43	
Do. property room	1	19 0	..	1 1	21	
Do. arms room	1	19 0	..	0 8½	13	
Do. to wards	5	20 0	..	1 6	150	
Doorway to passage, front	2	21 0	..	1 6	63	
Archways to Head Accountant's rooms	2	29 9	..	1 6	89	
Do. to police guard	3	19 0	..	1 6	86	
Do. to passage in rear	1	21 0	..	1 6	32	
Window jambs and soffits	12	16 6	..	1 1	215	
Do. treasury	2	16 0	..	1 6	48	
Do. private rooms	2	21 6	..	1 1	47	
Do. property rooms	2	8 6	..	1 1	18	
Do. record-rooms	15	14 6	..	1 1	236	
Do. do. in rear	1	19 0	..	1 1	21	
Do. recesses	2×3¾	0 9	..	3 0	153	
Ventilators, large, jambs and soffits and sills	16	16 0	..	1 2	299	
	20	11 0	..	1 6	330	
Do. in jail wards	10	7 0	..	1 6	105	
						26,754
Deductions—						
Doors	2¾	4 6	..	8 6	918	
	2×2	4 0	..	8 0	128	
	2×1	4 6	..	9 0	81	
	7	4 0	..	8 0	224	
	3	4 0	..	7 6	90	
Passage in front	1	4 0	..	8 6	34	

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.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Deductions—*cont.*						
Archways	3	5 0	..	5 6	83	
	3	9 10	area.	..	27	
Do. passage in rear	2	4 0	..	8 6	68	
Do. do.	4	10 0	..	7 0	280	
Do. do.	4	39 3	area.	..	157	
Do. do. at back	1	5 0	..	8 6	43	
Windows	11	4 0	..	6 0	264	
Do.	2	4 0	..	8 9	70	
Do.	2	4 0	..	6 0	48	
Do.	1	4 0	..	6 0	24	
Do.	15	2 0	..	6 3	188	
Do.	1	4 0	..	7 6	30	
Do.	2	2 0	..	3 3	13	
Ventilators, large	16	4 0	..	4 0	256	
Do. small	30	4 0	..	1 6	180	
Total Deduction, Square feet	..	..	..	..	..	3,206
Total, Square feet	..	..	..	..	..	23,548
Pointing Exterior.						
Basement all round	1	577 0	..	2 0	1,154	
Do. court-yard	1	101 6	..	1 6	152	
Front and rear including gables	4	21 0	..	22 1½	1,859	
Sides	4	7 0	..	18 7½	522	
Do.	4	10 0	..	2 0	80	
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	2	21 0	..	3 0	126	
Head Accountants, Clerks, Treasury, Inspectors and Record-room, small—						
Front	2	38 3	..	15 7½	1,195	
Rear	2	20 9	..	15 7½	648	
Do. over roof	2	9 0	..	3 7½	65	
Private rooms.						
Front and rear	4	12 6	..	15 7½	781	
End including gables	2	21 0	..	19 1½	803	
Police guards, arms and wards—						
Side and rear	1	116 0	..	13 0	1,508	
Record-room, side and rear	1	80 6	..	13 0	1,047	
Courtyard and verandah all round	1	94 0	..	13 0	1,222	
Rear of record-room	1	42 6	..	13 0	553	
Property room, rear	1	19 6	..	8 0	156	
Do. front	1	8 9	..	10 0	88	
						12,207
Deduction—						
Door openings into verandah	16	4 6	..	8 6	612	
Do. in property room	1	4 0	..	7 6	30	
Do. in jail wards	3	4 0	..	8 0	96	
Windows, front and rear, and police guard rooms	12	4 0	..	6 0	288	
Windows in treasury	2	4 0	..	6 0	48	
Do. in private room	2	4 0	..	8 9	70	
Do. in record-room	15	2 0	..	6 3	188	
Do. in rear	1	4 0	..	7 6	30	
Do. property room	2	2 0	..	3 3	13	
Ventilators, large	16	4 0	..	4 0	256	
Do. small	30	4 0	..	1 6	180	
Archways to police guard	3	36 60	area.	.	110	
Do. to back passage	1	5 0	..	8 6	43	
Do. to passage in front	1	4 0	..	8 6	34	
Total, Deductions	..	..	..	..	..	1,998
Total, Square feet	..	..	..	..	..	10,909
Painting doors and windows.				Times.		
Panel and venetian doors	16	4 6	8 6	3¼	1,989	
Panel doors	4	4 6	8 6	2¼	344	
	2	4 0	8 0	2¼	144	

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 doors and windows—cont.		FT. IN.	FT. IN.	FT. IN. Times.	SQ. FT.	
Iron-grated door with frames	1	4 6	9 0	1½	61	
Batten door to arms and property rooms	2	4 0	7 6	2½	135	
Iron-grated doors to jail wards	5	4 0	8 0	1½	240	
Venetian windows	11	4 0	6 0	3½	924	
Do. with glazed top to private rooms	2	4 0	8 9	3½	245	
Iron-grated windows to treasury	2	4 0	6 0	1½	72	
Batten window with iron-bars to arms room	1	4 0	6 0	2¾	66	
Venetian windows with glazed top and iron-bars to record-room	15	2 0	6 3	3½	656	
Do. do.	1	4 0	7 6	3½	105	
Iron-grated gate for passage	1	4 0	6 0	1½	36	
Do. do.	1	5 0	6 0	1½	45	
Do. cashier's room	2	4 6	4 0	1½	54	
Venetian windows with glazed top and iron-bars to property room	2	2 0	3 3	3½	46	
Total, Square feet	..	..	..	..	..	5,162
Painting wood work with 3 coats of zinc white paint.						
Glazed shutters of windows	11	4 0	..	6 0	264	
Ventilators, large	16	4 0	..	4 0	256	
Do. small	30	4 0	..	1 6	180	
Nine trusses of 18 feet span—						
Struts	18	5 3	..	1 4	126	
Tie beams	9	18 0	..	1 7	257	
Five trusses of 16 feet span—						
Struts	10	4 6	..	1 4	60	
Tie beams	5	16 0	..	1 4	107	
Beams of wards and police guard room	4	16 0	..	2 10½	184	
Joists treasury room	13	10 0	..	1 4	173	
Do. police guard room	12	15 6	..	1 1	202	
Do. arms room	12	10 0	..	1 4	160	
Joists—						
Male wards	12	15 0	..	1 1	195	
Female wards	2 × 12	7 6	..	1 1	195	
Male wards at back	2 × 12	14 1½	..	1 1	367	
Passage at back	12	5 0	..	1 1	65	
Verandah posts	59	2 0	..	5 9	679	
Caps over do.	59	3 0	..	0 6	89	
Bressummer in front	1	224 0	..	1 6	336	
Do. in rear	2	59 0	..	1 6	177	
Do. court-yard	1	62 0	..	1 6	93	
Rafters in front, rear and courtyard	133	11 6	..	1 1	1,657	
Hip rafters	10	15 0	..	1 5½	219	
Jack rafters	12	8 6				
Do.	12	6 0				
Do.	12	3 6	..	1 1	383	
Do.	12	5 6				
Do.	12	6 0				
Eave planks in front verandah	1	227 0	..	1 3	284	
Do. in rear	2	63 0	..	1 3	158	
Do. in court-yard	1	71 0	..	1 3	89	
Do. around main roof	1	342 0	..	1 3	428	
Eighteen feet truss, Principal rafters	18	11 0	..	1 5	281	
Do. Blocks on heads of trusses.	9	2 6	..	1 3	28	
Sixteen feet truss, Principal rafters	10	9 6	..	1 3	119	
Block on head of trusses	5	2 6	..	1 3	16	
Eave board around police guard, record-room and wards	1	199 6	..	1 3	249	
Eave board around main roof in front of police guard, arms and wards	1	114 6	..	1 3	143	
Barge boards to courts and other end gables	8	30 0	..	1 7	380	
Additional pieces	32	1 6	..	1 7	76	
Do. at top	8	3 0	..	1 7	38	
Reepers to verandah roof	..	..	..	..	1,681	
Ceiling planks outside	..	..	..	..	7,596	
Total, Square feet	..	..	..	..	..	17,990
Painting wood work which are hidden by ceiling planks, &c., with one coat of zinc white paint.						
Courts, Purlins	2 × 2	29 0	..	1 5½	169	
Do. Wall purlins	2 × 2	24 0	..	1 0	96	

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 which are hidden by ceiling planks, &c., with one coat of zinc white paint—cont.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Courts, ridge beams	2 × 1	29 0	..	1 7	92	
Do. do. sides	2 × 2	5 6	..	1 7	35	
Do. common rafters	2 × 22	13 0	..	0 10¼	489	
Do. do. small	1	245 0	..	0 10¼	209	
Do. hip rafters	2 × 4	9 0	..	1 3	90	
Cashier and clerk's room, large—	2	38 0	..	1 7	120	
Purlins	2	38 0	..	1 0	76	
Wall purlins	1	38 0	..	1 7	66	
Kidge beam	40	13 0	..	0 10¼	444	
Common rafters						
Station records, inspectors, passage, treasury and Head Accountant's and Clerk's rooms—	2	36 9	..	1 7	116	
Purlins	2	33 9	..	1 7	107	
Do.	2	36 9	..	1 5	104	
Do. wall purlins in front	2	30 0	..	1 5	85	
Do. do. in rear	1	36 9	..	1 7	58	
Do. ridge beams	1	33 9	..	1 7	53	
Do. do.	2	5 0	..	1 7	16	
Do. to meet the roof of record, &c., rooms	2 × 28	13 0	..	0 10¼	622	
Do. common rafters	1	124 6	..	0 10¼	106	
Do. do. small	4	9 0	..	1 3	45	
Do. hip rafters						
Private rooms—	2 × 2	13 0	..	1 8¼	88	
Purlins	2 × 2	13 0	..	1 0	52	
Wall purlins	2 × 1	13 0	..	1 7	41	
Ridge	2 × 14	13 0	..	0 10¼	311	
Common rafters						
Record-room—	1	53 6	..	1 6¼	81	
Purlins	1	47 0	..	1 6¼	72	
Do.	1	13 0	..	1 6¼	20	
Do. cross	1	60 0				
Wall purlins	1	43 0	..	1 3	149	
	1	16 0				
Ridge beam	1	52 0	..	1 6½	80	
Do. at sides	1	8 0	..	1 6½	12	
Common rafters	45	12 6	..	0 9¼	437	
Jack do.	1	84 0	..	0 9¼	65	
Valley do.	2	16 0	..	1 3	40	
Male wards and passage at back—	34	12 0	..	1 1	442	
Common rafters	17	14 3	..	1 4	323	
Collar pieces, large	17	8 6	..	1 2	169	
Do. small						
Police guard, arms, male and female wards—	23	11 6	..	1 1	287	
Common rafters, front	27	12 6	..	1 1	366	
Do. rear including eave rafters						
Collar pieces, large for male wards, arms and police guards, &c., rooms	23	14 3	..	1 4	437	
Do. small do.	23	8 6	..	1 2	228	
Jack rafters	1	84 0	..	1 3	105	
Ridge piece	1	10 6	..	1 4	14	
Hip and valley rafters	2	15 0	..	1 5½	44	
Teak reepers	..	..	..	..	3,666	
Ceiling planks inside	..	..	..	..	7,596	
Total, Cubic feet	..	..	..	..	..	18,317
Teakwood turned rails for dais	2	23 0	..	..	46	R. ft.
Masonry drain from inside of court-yard to the nearest nullah or side drain of the road	..	..	L.S.	..	..	Rs. 20
Iron gratings to the above	..	..	..	..	..	No. 1
Providing exit in the rear wall of each ward with a small pucka drain running along the line of the rear wall and connected with the nearest main drain—						
Vide Chief Engineer's memo. No. 631 C., dated 1st February 1897	..	..	..	..	..	Rs. 30
Teakwood punkahs, 10 feet long, with brown Holland fringes, brass wheels, hooks, and other fittings including suspenders and pulling ropes, &c., complete	..	..	..	..	..	No. 2
Masonry receptacles in treasury for holding cash-chest	..	..	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.
27,826 c. ft. ..	Excavation for foundation	4 10 0	1,000 c. ft.	129	
11,372 „ ..	Concrete	14 0 0	100 „	1,592	
15,510 „ ..	Foundation and basement with stock bricks in chunam	19 8 0	Do.	3,024	
22,218 „ ..	Superstructure and basement with stock bricks in chunam.	20 8 0	Do.	4,555	
822 „ ..	Segmental archwork and basement with stock bricks in chunam	22 8 0	Do.	185	
150 „ ..	Circular archwork and basement with stock bricks in chunam	23 8 0	Do.	35	
452 „ ..	Cut stone work	2 0 0	Cubic foot.	904	
750 sq. ft...	Cuddapah slabs for ventilators including fixing and pointing with cement	24 8 0	100 sq. feet.	184	
1,600 c. ft. ..	Teakwood wrought and put up	3 8 0	Cubic foot.	5,600	
7,596 sq. ft...	Teakwood ceiling planks ½" thick	22 0 0	100 sq. feet.	1,759	
1,797 lb. ..	Lead sheeting for valleys	0 3 0	lb.	337	
72 R. ft...	Semi circular 8" zinc gutter	0 9 0	R. ft.	41	
204 „ ..	Down fall pipes 3" diameter	0 5 0	Do.	38	
847 lb. ..	Wrought iron work for trusses	0 3 0	lb.	159	
15,654 sq. ft...	Roofing with Mangalore tiles including teak reepers	18 0 0	100 sq. feet.	2,818	
1,867 „ ..	Terraced ceiling with brick on edge Jelly, 3" thick, two coats of plastering on top and at ceiling ..	18 0 0	Do.	336	
612 „ ..	Teakwood panel and venetian doors with frames hinges, hooks and other fittings, complete ..	1 1 0	Square feet.	650	
217 „ ..	Teak panel doors with frames hinges and other fittings, complete	0 14 0	Do.	190	
201 „ ..	Iron-grated doors with frames strong iron fastenings, complete	1 13 0	Do.	364	
60 „ ..	Teakwood strong batten doors with frames iron fastenings, complete	1 0 0	Do.	60	
264 „ ..	Teakwood venetian windows with glazed shutters inside, frames hinges, hooks bolts and other fittings, complete	1 13 0	Do.	479	
70 „ ..	Teakwood venetian windows with glazed top, complete	1 2 0	Do.	79	
48 „ ..	Iron-grated windows	1 13 0	Do.	87	
24 „ ..	Teakwood batten windows with frames iron-bars and other fittings, complete	1 6 0	Do.	33	
231 „ ..	Teakwood venetian windows with glazed top frames iron-bars and other fittings, complete ..	1 12 0	Do.	404	
54 „ ..	Iron grated gate shutters, complete	1 13 0	Do.	98	
36 „ ..	Do. do. with small wickets at bottom for the passing of money	1 14 0	Do.	68	
64 „ ..	Fixed glazed ventilators with frames, complete ..	0 12 0	Do.	48	
6 „ ..	Fixed wire-netting with frames and iron-bars, complete	0 12 0	Do.	5	
306 „ ..	Fixed ventilators with wire-netting without iron-bars	0 4 0	Do.	77	
60 „ ..	Fixed iron barred ventilators leaded in stone blocks as per details shown on plan	2 8 0	Do.	150	
12,186 c. ft. ..	Filling in basement	3 0 0	1000 c. ft.	37	
8,693 sq. ft...	Levelling course of concrete 6" thick under flooring	7 0 0	100 sq. ft.	609	
7,928 „ ..	Flooring with 8" square bricks in chunam and pointed with painting cement	7 3 0	Do.	570	
1,938 „ ..	Flooring with asphalte ¾" thick well rubbed over.	21 0 0	Do.	407	
23,548 „ ..	Plastering interior with 2 coats of chunam polished.	2 8 0	Do.	589	
10,909 „ ..	Pointing exterior with prepared lime mortar ..	1 8 0	Do.	164	
5,162 „ ..	Painting doors and windows with 3 coats of Carson's oak paint	2 12 0	Do.	142	
17,990 „ ..	Painting wood work with 3 coats of zinc white paint	2 12 0	Do.	495	
18,317 „ ..	Painting wood work with 1 coat of zinc white paint	1 1 0	Do.	195	
46 R. ft. ..	Teakwood turned rails for dais	1 0 0	R. ft.	46	
..	Cost for masonry drain from inside of courtyard to the nearest nullah or side drain of the road ..	L.S.		20	
2 No. ..	Iron gratings to the above	0 8 0	each.	1	
..	Cost of providing exit in the rear wall of each ward with a small pucka drain running along the line of the rear wall and connected with the nearest main drain	L.S.		30	
2 „ ..	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	each.	40	
..	Masonry receptacles in treasury for holding cash-chest	L.S.		20	
					27,853

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per.	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	RS.
	Contingencies at 5 per cent.	..	..	1,392	
	Petty supervision at 2½ per cent.	..	..	695	
					2,087
	Grand Total of estimate ..	..	..	..	29,940

REPORT and specification to accompany the estimate for revised standard design for 1st-class taluk offices with tiled roofing and terraced roofing for the sub-jail wards, &c., according to sheet No. E. of sections signed by the Consulting Architect to Government on the 17th July 1894 and issued with G.O., No. 3085 W., dated 1st December 1894.

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 thickness 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 inches 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 Judge's 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 pantiles if the quality of these are good; the usual unsightly "chunam bonds" might be dispensed with. All valleys should be protected with sheet lead. The roof of the sub-jail wards will consist of pucka terracing; care should be taken that proper slopes are made for drainage towards the weep holes. The treasury room will have a doubled roof of terracing below and tiled over as shown on section I.J.

Flooring.—The floor may be laid with sqare 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 white-washed. Where good bricks and stones are obtainable, the exterior should be pointed with prepared lime mortar. In damp soil the plinth and interior walls to a height of say 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, 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 centry to go round the treasury through the passage A B and doors C D. The doorways C D in the Cashier's room will be fitted inside with iron-grated gate shutters with small opening at the bottom for the passing of money so as to avoid crowding of persons having transactions with the treasury—*vide* G.O., No. 1417 W., dated 7th June 1894.

A small exit to be provided in the rear wall of each jail ward, with a small pucka drain running along the line of the rear wall and connected with the nearest main drain—*vide* Chief Engineer's Memo. No. 631 C., dated 1st February 1897.

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

Tiled roofing and terraced roofing for the sub-jail wards.

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Court walls, four sides	2	92 0	4 0	5 0	3,680	
Dais for four sides	2	17 6	2 0	0 9	53	
Do. 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. cross walls	1	15 6	4 0	5 0	310	
Front and rear walls between cashiers, clerks and courts	4	35 9	4 0	5 0	2,860	
Do. do. of private rooms	4	12 6	4 0	5 0	1,000	
End and cross walls	6	15 6	4 0	5 0	1,860	
Partition wall between station and 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	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	5 3	1 3	0 9	5	
Total, Excavation, Cubic feet	..	..	..	..	..	27,826
Concrete.						
Court walls, four sides	2	92 0	4 0	2 0	1,472	
Dais	2	19 6	2 0	0 9	59	
Do. steps	4	4 6	2 0	0 9	27	
Cashier's and clerks' room walls, four sides	1	113 0	4 0	2 0	904	
Do. cross walls	1	15 6	4 0	2 0	124	
Front and rear walls between cashiers, clerks and courts	4	35 9	4 0	2 0	1,144	
Do. do. of private rooms	4	12 6	4 0	2 0	400	
End and cross walls	6	15 6	4 0	2 0	744	
Partition wall between station and 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	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 6	3 6	2 0	410	
Steps	2	20 6	3 3	0 9	100	
	2	20 0	3 3	0 9	98	
Do. at court-yard	1	19 6	3 3	0 9	48	
	1	6 0	2 3	0 9	10	
Total, Concrete, Cubic feet	..	..	..	..	..	11,372
Brickwork in foundations.						
Footings—						
Court walls, four sides	2	92 0	2 9	1 6	759	
Cashier's and clerks' room walls, four sides	1	113 0	2 9	1 6	466	
Cross wall of do.	1	16 9	2 9	1 6	69	
Front and rear walls between cashiers, clerks and courts	4	37 0	2 9	1 6	611	
Do. do. of private rooms	4	12 6	2 9	1 6	206	
End and cross walls	6	16 9	2 9	1 6	415	
Partition wall between station and record-rooms	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	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 9	2 3	1 6	202	
Above footings to ground level.						
Court walls, four sides	2	92 0	2 0	1 6	552	
Cashier's and clerks' room walls, four sides	1	113 0	2 0	1 6	339	
Cross wall of do.	1	17 6	2 0	1 6	53	

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
Above footings to ground-level—cont.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Front and rear walls between cashier, clerks and courts	4	37 9	2 0	1 6	453	
Do. do. of private rooms.	4	12 6	2 0	1 6	150	
End and cross walls	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 walls, three sides	2	138 6	2 0	1 6	831	
Male wards at back	2	35 0	2 0	1 6	210	
Cross walls	6	15 6	1 7½	1 6	227	
Property room	1	26 3	2 0	1 6	79	
Front verandah	2	57 9	1 6	1 6	260	
Rear do.	1	60 6	1 6	1 6	136	
Courtyard verandah						
Basement—						
Court walls, four sides	2	92 0	2 0	2 0	736	
Dais for do.	2	19 6	1 6	2 0	117	
Do. 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 do.	1	17 6	2 0	2 0	70	
Front and rear walls between cashier, clerks and courts	4	37 9	2 0	2 0	604	
Do. do. of 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 and record-rooms	1	8 9	1 7½	2 0	28	
Police guard, arms and record-room walls, three sides	2	138 6	2 0	2 0	1,108	
Male wards at back	2	35 0	2 0	2 0	280	
Cross walls	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 Do.	2	57 9	1 6	2 0	347	
Courtyard verandah	1	60 6	1 6	2 0	182	
Steps, 16 feet long	2	16 0	1 0	0 6	16	
Do.	2	18 0	2 0	0 6	36	
Do.	2	20 0	3 0	0 6	60	
Steps, 15½ feet long	2	15 6	1 0	0 6	16	
Do.	2	17 6	2 0	0 6	35	
Do.	2	19 6	3 0	0 6	59	
Steps, 15 feet long	1	15 0	1 0	0 6	8	
Do.	1	17 0	2 0	0 6	17	
Do.	1	19 0	3 0	0 6	29	
Steps in courtyard, 6 feet long	1	6 0	1 0	0 6	3	
Do. do.	1	6 0	2 0	0 6	6	
						15,789
Deductions—						
Stone slabs on top of steps, 16 feet long	2	20 0	3 3	0 5½	60	
Do. do. 15½ do.	2	19 6	3 3	0 5½	58	
Do. do. 15 do.	1	19 0	3 3	0 5½	28	
Do. do. 6 do.	1	6 0	2 2	0 5½	6	
Stones under posts let into basement, 3 feet	59	1 0	1 0	0 3	15	
Sill stones—						
For outer doorways	16	5 6	1 6	0 6	66	
Inner do.	4	5 6	1 6	0 6	17	
Do. do.	2	5 0	1 6	0 6	8	
Do. for treasury	1	7 0	0 9	0 6	3	
Do. for jail wards	5 × 2	1 3	0 10½	0 6	5	
Property and arms rooms	2	5 0	1 6	0 6	8	
For gates at passage and Police guard	2 × 2	1 3	1 6	0 6	4	
Do. do.	2	0 9	0 9	0 6	1	
Total, Deduction	..	..	..	..	..	279
Net Cubic feet	..	..	..	..	..	15,510
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 in front and rear	2 × 2	21 0	1 6	3 6	441	
Do. sides and other places	5	9 10½	1 6	1 10½	139	
Cashier's and clerks' room walls, four sides	1	113 0	1 6	18 7½	3,157	
Cross wall of four sides	1	18 0	1 6	18 7½	503	
Gables	3	21 0	1 6	3 6	331	
Front and rear walls between cashier, clerks and courts	4	38 3	1 6	15 7½	3,586	
Do. do. of private rooms.	4	12 6	1 6	15 7½	1,172	

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.*		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Courts' and Clerks' rooms—cont.						
9. Trusses of 18 feet span—*cont.*						
Courts—						
Purlins including over lapping	2 × 2	33 0	0 5	0 7		
Wall do. do.	2 × 2	16 0			32	
Do. do. do.	2 × 2	8 6	0 3			
Ridge beams	2 × 1	33 0	0 3	0 7	14	
Do. at sides	2 × 2	5 6	0 3	0 8		
Common rafters at 1½ feet from centre to centre	2 × 26	14 0	0 3	0 8	11	
Do. do. do.	2 × 4	12 6	0 3	0 4	4	
Do. do. do.	2 × 4	10 6	0 3	0 4	61	
Do. do. do.	2 × 4	8 6	0 3	0 4	8	
Valley rafters at sides	2 × 4	6 6	0 3	0 4	7	
Jack rafters	2 × 2	6 0	0 3	0 4	6	
Do.	2 × 4	9 6	0 3	0 4	4	
Do.	2 × 4	6 0	0 3	0 6	2	
	2 × 4	4 0	0 3	0 4	10	
	2 × 4	2 6	0 3	0 4	4	
				0 4	3	
Cashiers and Clerks' rooms, large—					2	
Purlins including overlapping	2	43 6	0 5	0 7		
Wall do. do.	2	43 6	0 3	0 7	21	
Ridge beam	1	43 6	0 3	0 8	13	
Common rafters	58	14 0	0 3	0 4	68	
Station records, inspectors, passage, treasury, head accountants and clerks' rooms—						
Purlins including overlapping	2 × 2	41 3	0 5	0 7		
Wall do. do. in front	2 × 1	41 3	0 3	0 7	32	
Do. do. do. in rear	1	41 3	0 3	0 7	12	
Do. do. do. do.	1	28 6	0 3	0 7	6	
Ridge beams	1	5 6	0 3	0 7	4	
Do. to meet the roof of record-room	2 × 1	41 3	0 3	0 7	1	
Common rafters, front and rear	1	5 6	0 3	0 8	14	
Do. jack	98	14 0	0 3	0 8	1	
Do. do.	2	12 6		0 4	114	
Do. do.	2	10 6				
Do. centre	2	8 6				
Do. do.	2	6 6				
Do. do.	2	6 0	0 3	0 4	9	
Do. do.	2	6 0				
Valley rafters at sides	2	4 0				
	2	2 6				
	2	9 6				
Private rooms.			0 3	0 6	2	
Purlins including overlapping	2 × 2	15 6	0 5	0 7		
Wall do. do.	2 × 2	15 6	0 3	0 7	15	
Ridge do. do.	2 × 1	15 6	0 3	0 8	9	
Common rafters	2 × 20	14 0	0 3	0 4	5	
					47	
Record-room.						
Five trusses of 16 feet span—						
Tie beams	5	19 0	0 4	0 6		
Principal rafters	5 × 2	10 0	0 4	0 5½	16	
Struts	5 × 2	4 9	0 4	0 4	15	
Blocks on heads of trusses	5 × 1	1 3	0 6	0 9	5	
Purlins including overlapping	2	67 0	0 4	0 6	2	
Wall purlins	2	67 0	0 3	0 6	22	
Ridge beam overlapping	1	67 0	0 3	0 7	17	
Common rafters	73	13 6		0 4	10	
Do. at terraced portion	11	12 6	0 2½		78	
Beams and joists for terraced roof for Treasury, Police guard, arms rooms and wards—						
Beams for wards and Police guard rooms	4	18 6	0 10½	1 2		
Treasury joists 18″ from centre to centre	13	11 6	0 3	0 6½	76	
Police guard room do. do.	12	17 4	0 3	0 5	20	
Arms room do. do.	12	11 1½	0 3	0 6½	22	
Wards do. do.	12	16 1½	0 3	0 5	18	
Female wards do. do.	2 × 12	8 7½	0 3	0 5	20	
					22	

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
Male wards at passage, back.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Joists, 18″ from centre to centre	12	37 6	0 3	0 5	47	
Wall plates to treasury	2	19 0	0 4	0 3	3	
Do. Police guard, arms, &c., rooms	6	17 0	0 4	0 3	9	
Do. Male wards and passage	4	17 0	0 4	0 3	6	
Verandah.						
Posts	59	6 0	0 6	0 6	89	
Caps over posts	59	1 0	1 0	0 6	30	
Bressummers in front	1	230 0	0 6	0 6	58	
Do. in rear	2	62 0	0 6	0 6	31	
Do. in court yard	1	65 0	0 6	0 6	16	
Rafters in front verandah	106	12 3	0 3	0 5	135	
Do. in rear do.	2 × 29	12 3	0 3	0 5	74	
Do. in court yard	52	12 3	0 3	0 5	66	
Hip and valley rafters	10	16 6	0 3	0 6	21	
Jack rafters in front	12	10 6	0 3	0 5	13	
Do. do.	12	8 9	0 3	0 5	11	
Do. do.	12	7 0	0 3	0 5	9	
Do. do.	12	5 3	0 3	0 5	7	
Do. do.	12	3 6	0 3	0 5	4	
Do. do.	12	2 3	0 3	0 5	3	
Do. do.	2	2 3				
Do. joining valley rafters	2	3 6				
Do. do. do.	2	7 6				
Do. do. do.	2	9 6	0 3	0 5	7	
Do. do. do.	2	6 3				
Do. do. do.	2	4 3				
Do. do. do.	2	1 9				
Court yard.						
Jack rafters	4	10 6	0 3	0 5	4	
Do.	4	8 9	0 3	0 5	4	
Do.	4	7 0	0 3	0 5	3	
Do.	4	5 3	0 3	0 5	2	
Do.	4	3 6	0 3	0 5	1	
Do.	4	2 3	0 3	0 5	1	
Do.	4	2 3	0 3	0 5	1	
Wall plates in front including overlapping	1	188 0	0 3	0 3	12	
Do. in rear	2	43 6	0 3	0 3	5	
Do. in court yard	1	115 0	0 3	0 3	7	
Do. in property room	1	19 0	0 3	0 3	1	
Eave plank to verandah	1	227 0	0 1	0 7	11	
Do. in rear	2	63 0	0 1	0 7	6	
Do. to court yard	1	71 0	0 1	0 7	3	
Do. around main roof	1	342 0	0 1	0 7	17	
Do. to record room	1	108 0	0 1	0 7	5	
Barge boards to courts and other end gables	8	30 0	0 1	0 9	15	
Do. to record-room	1	26 0	0 1	0 9	2	
Additional pieces to above	36	1 6	0 1	0 9	3	
Do. at top	9	3 0	0 1	0 9	2	
Total, cubic feet	..	..	..	..	..	1,717
Wrought iron work.					lb.	
1″ Diameter king rod for 18 feet trusses	9	8 6 =	76 6 ×	2·62 =	200	
1″ Hexagonal nuts and heads to 18 feet trusses.	9			× 1·10 =	10	
3″ Diameter ⅛ thick washers	27	7 068 ×	·125 =	23·85 =	7	
				× ·028 =		
1½″ × ½″ heel straps	18	3 4 =	60 ×	2·5 =	150	
1½″ × ½″ bearing plates	18	0 6¾ =	10 125 ×	2·5	25	
⅝″ Hexagonal nuts	36			× ·267	10	
Caps of ⅜″ plates, 6″ wide	9	1 4 =	12 ×	7·51	90	
7/8″ Diameter king road for 16 feet trusses	5	7 6 =	37 6 ×	2·01	75	
7/8″ Diameter Hexagonal nuts and heads to 16 feet trusses	5			× 0·73	4	
3″ Diameter ⅛″ thick washers	15	7 068 ×	0 125 =	13·25	4	
				× 0·28		

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
End and cross walls of private, Head Accountant's clerks, &c., rooms.	6	18 0	1 6	15 7½	2,531	
Gables to do.	6	21 0	1 6	3 6	662	
Partition wall between station and record-rooms.	1	9 3	1 1½	15 7½	163	
Police guard, arms and wards	1	210 0	1 6	13 0	4,095	
Parapet walls over arms and wards	1	210 3	1 3	1 0	263	
Cross walls	6	16 0	1 1½	13 0	1,404	
Binding walls over cross walls	6	16 3	1 1½	1 0	110	
Record-room walls	1	139 0	1 6	13 3	2,763	
Gable at end of do.	1	19 0	1 6	3 6	100	
Property room in verandah	1	19 6	1 6	8 0	234	
Do. do.	1	7 3	1 6	10 0	109	
String course over gothic windows to private room ..	2	5 10	..	..	..	
Do. do. record-room ..	15	3 5	..	..	..	
Do. do.	1	5 10	..	..	..	
Do. do. ventilators ..	20	4 9	..	..	..	
Do. do.	16	4 9	..	..	..	
Total, Cubic feet ..	..	239 9	0 3	0 3	15	27,020
Deductions—						
Outer doorways in courts and clerk's, &c, rooms.	16	4 6	1 6	8 6	918	
Inner do. do. ..	4	4 6	1 6	8 6	230	
Do. do. do. ..	2	4 0	1 6	8 0	96	
Do. door between treasury and cashier's rooms ..	1	4 6	1 6	9 0	61	
Do. do. jailwards	5	4 0	1 6	8 0	240	
Do. do. to arms room ..	1	4 0	1 1½	7 6	34	
Do. do. to property room ..	1	4 0	1 6	7 6	45	
Do. do. passage front and rear.	2	4 0	1 6	8 6	102	
Archways to Police guard room	3	5 0	1 6	5 6	124	
Semi-circular portion guard room	3	9 10	Area.	1 6	41	
Archways to passage at back	1	5 0	1 6	8 6	64	
Do. in clerk's rooms	2	10 0	1 6	7 0	210	
Do. to semi-circular portion	2	39 3	Area.	1 6	118	
Windows—						
In courts, &c., rooms	11	4 0	1 6	6 0	396	
In private rooms	2	4 0	1 6	8 9	105	
In treasury	2	4 0	1 6	6 0	72	
In arms room	1	4 0	1 6	6 0	36	
Recess to windows above	16	4 0	0 9	3 0	144	
Windows in record-room	15	2 0	1 6	6 3	281	
Recess to record-room	15	2 0	0 9	3 0	68	
Window at end of record-room	1	4 0	1 6	7 6	45	
Recess to end of do.	1	4 0	0 9	3 0	9	
Window in property room	2	2 0	1 6	3 3	20	
Recess to do.	2	2 0	0 9	3 0	9	
Ventilators to courts, rear	4	4 0	1 6	4 0	96	
Do. do. and clerk's, &c., rooms, front and rear ..	20	4 0	1 6	1 6	180	
Ventilators, large	12	4 0	1 6	4 0	288	
Do. for jail wards	10	4 0	1 6	1 6	90	
Stones for treasury door	4	1 3	0 11	0 6	2	
Do. do. jail wards	5 × 3	1 3	0 10½	0 6	8	
Do. at recess of padlocks	5	3 0	1 6	1 6	34	
Do. to gate passage and Police guard ..	2 × 2	1 0	0 11	0 6	2	
Do. do. do. for iron doors at C and D	2 × 4	1 0	0 11	0 6	4	
Stones for windows in treasury	2 × 4	1 3	0 11	0 6	5	
Do. for ventilators in jail wards	10 × 4	1 0	1 6	0 9	45	
Bed plates under trusses, Courts	8	1	1 6	0 4	6	
Do. do. in clerk's and Head Accountant's rooms	10	6	1 6	0 4	8	
Bed plates under trusses in record room ..	10	1 6	1 6	0 4	8	
Do. do. wards and guard rooms.	8	1 6	1 6	0 4	6	
Do. Arch work as per details	..	..	..	..	972	
Total, Deduction ..	..	..	..	..	..	5,222
Net, Superstructure cubic feet ..	..	..	..	..	..	21,798

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
Segmental Archwork.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Over doors in the courts and clerks rooms ..	16	5 6	1 6	1 1½	149	
Do. inside do. do. ..	4	5 6	1 6	1 1½	37	
Do. do. do. do. ..	2	5 1½	1 6	1 1½	17	
Do. do. do. do. in treasury.	1	5 6	1 6	1 1½	9	
Do. wards, arms and property rooms ..	7	5 1½	1 6	1 1½	61	
Do. passage, front and rear	2	5 1½	1 6	1 1½	17	
Do. do. at back	1	6 0	1 6	1 1½	10	
Over windows, courts, &c., rooms	16	5 1½	1 6	1 1½	138	
Do. record-room	15	3 1½	1 6	1 1½	79	
Do. property room	2	3 0	1 6	0 9	7	
Do. record-room at end	1	5 1½	1 6	1 1½	9	
Over ventilators, large and small	36	4 9	1 6	1 1½	289	
Total, Arch work, Cubic feet ..	..	..	..	..	..	822
Circular Archwork.						
Over archways in clerks and Head Accountant's rooms	2	18 0	1 6	1 6	81	
Over archways to police guard room	3	10 3	1 6	1 6	69	
Total, Cubic feet ..	..	..	..	..	..	150
Cut Stone work.						
Stones for sills of door ways (outer)	16	5 6	1 6	0 6	66	
Do. do. (inner)	4	5 6	1 6	0 6	17	
Do. do. do.	2	5 0	1 6	0 6	8	
Do. do. Treasury ..	1	7 0	0 9	0 6	3	
Do. do. do. ..	4	1 3	0 11	0 6	2	
Do. do. Jail wards ..	5 × 5	1 3	0 10½	0 6	14	
Do. do. at recesses for padlocks	5	3 0	1 6	1 6	34	
Do. do. property and arms rooms ..	2	5 0	1 6	0 6	8	
Stones to gates at passage A and police guard ..	2 × 2	1 3	1 6	0 6	4	
Do. do. do. ..	2	0 9	0 9	0 6	1	
Do. do. do. ..	2 × 2	1 0	0 11	0 6	2	
Stones iron doors at C and D	2 × 4	1 0	0 11	0 6	4	
Do. windows in treasury	2 × 4	1 3	0 11	0 6	5	
Do. ventilators of jail wards	10 × 4	1 0	1 6	0 9	45	
Bed plates for trusses, Courts	8	1 6	1 6	0 4	6	
Do. clerks and head accountant's rooms ..	10	1 6	1 6	0 4	15	
Do. record-room	10	1 6	1 6	0 4		
Do. wards and police guard rooms ..	8	1 6	1 6	0 4	6	
Stones to steps, 16 feet span	2	20 0	3 3	0 5½	60	
Do. do. 15½ feet do.	2	19 6	3 3	0 5½	58	
Do. do. 15 feet do.	1	19 0	3 3	0 5½	29	
Do. do. in courtyard	1	6 0	2 2	0 5½	6	
Do. for posts including the portion (3 inches) let into basement	59	1 0	1 0	1 0	59	
Total, Cut Stone work, square feet ..	..	..	..	..	..	452
Cuddapah slabs, 2" thick.						
Ventilators, large, to Courts, Cashier's and clerks' rooms	12 × 5	5 0	1 6	..	450	
Ventilators, small	20 × 2	5 0	1 6	..	300	
Total, square feet ..	..	..	..	..	..	750
TEAKWOOD, WROUGHT, AND PUT UP.						
Courts and Clerks' rooms.						
9. Trusses of 18 feet span.						
Tie beams	9	21 0	0 4	0 7½	39	
Principal rafters	9 × 2	12 0	0 4	0 6½	39	
Struts	9 × 2	5 6	0 4	0 4	11	
Blocks on heads of trusses	9	1 3	0 6	0 9	4	

N.B.—Where Cuddapah slabs are not easily available, Mangalore tile louvres may be used as per plan circulated with G.O., No. 170-C., dated 11th January 1896.

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
Wrought iron work—cont.		FT. IN.	FT. IN.	FT. IN.	LB.	
$1\frac{1}{4}'' \times \frac{3}{8}''$ heel straps	10	2 6 = 25 0	×	1·87	47	
$1\frac{1}{2}'' \times \frac{3}{8}''$ bearing plates	10	0 $6\frac{3}{4}$ = 5 63	×	1·87	11	
$\frac{5}{8}''$ hexagonal nuts	20	.. ..	×	0·267	5	
Caps of $\frac{3}{8}''$ plates, 6" wide	5	1 4 6 67	×	7·51	50	
Pin for posts $\frac{3}{4}''$ diameter	59	1 3 = 73 75	×	1·476	109	
Holding down bolts at end of each truss, $\frac{1}{2}''$ diameter	28	1 4 = 37 33	×	0·656	24	
Heads and nuts to end of each truss, $\frac{1}{2}''$ diameter.	28	.. ..	×	0·128	4	
3" Diameter $\frac{1}{8}''$ thick washers for holding down bolts and posts	87	7 068 × 125 = 76·86	×	·28	22	
Total lbs.	..	.. ..		..	..	847
Tiled roofing with flat and pan tiles including teak reepers.					SQ. FT.	SQ. FT.
Courts	2	32 0	29 0	..	1,856	
Cashiers and clerks' rooms	1	42 6	29 0	..	1,233	
Station records, inspectors, passage, treasury, head accountants and clerks' rooms	2	38 3	29 0	..	2,219	
Private rooms	2	14 6	29 0	..	841	
Record-room	1	63 6	27 6	..	1,746	
Verandah in front	1	207 0	11 6	..	2,381	
Do. in rear	2	52 0	11 6	..	1,196	
Do. in court yard	1	92 6	11 6	..	1,064	
Total square feet	..	..	..	..	..	12,536
Terraced roofing.						
Treasury	1	11 0	19 0	..	209	
Police guard, arms and wards	1	61 0	17 0	..	1,037	
Male wards at back	1	36 6	17 0	..	621	
Total square feet	..	..	..	..	..	1,867
Cornice work.						
In front and rear of Police guard, arms and wards	..	..	..	..	..	R. ft. 196
Doors.						
Teak panel and venetian doors with frames, &c.	16	4 6	..	8 6	612	
Total square feet	..	..	..	..	..	612
Teak panel doors with frames (inner doors)	4	4 6	..	8 6	153	
Do. do.	2	4 0	..	8 0	64	
Total square feet	..	..	..	..	..	217
Iron grated door to treasury	1	4 6	..	9 0	41	
Do. to jail wards	5	4 0	..	8 0	160	
Total square feet	..		..	..	..	201
Teak strong batten doors with frames to arms and property rooms	2	4 0	..	7 6	60	60
Windows.						
Venetian windows with glazed shutters inside frames, hinges, hooks, bolts and other fittings complete	11	4 0	..	6 0	264	
Total square feet	..	..	..	..	..	264
Venetian windows with glazed top to private rooms	2	4 0	..	8 9	70	
Total square feet	..	..	..	..	..	70

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
Windows—cont.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Iron grated windows, iron fastenings, complete to treasury	2	4 0	..	6 0	48	
Total, Square feet	..	..	..	..	..	48
Batten windows with frames, iron bars and fittings, complete to arms' room	1	4 0	..	6 0	24	
Total, Square feet	..	..	..	..	..	24
Venetian windows with frames, glazed top, iron bars and fastenings, &c., for record-room	15	2 0	..	6 3	188	
Venetian windows with frames, glazed top, iron bars and fastenings, &c., at end	1	4 0	..	7 6	30	
Venetian windows with frames, glazed top, iron bars and fastenings, &c., to property room	2	2 0	..	3 3	13	
Total, Square feet	..	..	..	..	..	231
Iron grated gate shutters for Police guard	1	5 0	..	6 0	30	
Do. do. to passage at A	1	4 0	..	6 0	24	
Total, Square feet	..	..	..	..	..	54
Iron grated gate shutters with small wickets at bottom to be fixed inside of the doors C and D in the cashier's room to receive remittances and to make payments—*vide* G.O., No. 1417, dated 7th June 1894	2	4 6	..	4 0	36	
Total, Square feet	..	..	..	..	..	36
Ventilators.						
Ventilators with fixed glazed shutters, frames, &c., for courts at back — *vide* G.O., No. 3084 W., dated 2nd December 1895	4	4 0	..	4 0	64	
Total, Square feet	..	..	..	..	..	64
Ventilators with fixed wire netting ($\frac{1}{2}''$ mesh) and iron bars, frames, &c., for treasury in front	1	4 0	..	1 6	6	
Total, Square feet	..	..	..	..	..	6
Ventilators with wire netting ($\frac{1}{2}''$ mesh), frames, &c., without iron bars.	12 19	4 0 4 0	..	4 0 1 6	192 114	
Total, Square feet	..	..	..	..	..	306
Iron barred ventilators leaded in stone blocks as per details shown on plan for jailwards	10	4 0	..	1 6	60	
Total, Square feet	..	..	..	..	..	60
Filling in basement.					C. FT.	C. FT.
Courts	2	24 6	17 6	1 6	1,286	
Dais	2	6 6	5 9	1 6	112	
Clerk's 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	
Cashier's room	1	9 6	17 6	1 6	249	
Treasury	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 $11\frac{1}{4}$	1 6	208	
Private rooms	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 $7\frac{1}{2}$	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	200 0	7 3	1 6	2,175	

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.		FT. IN.	FT. IN.	FT. IN.	C. FT.	
Rear verandah	2	49 0	7 3	1 6	1,066	
Court yard verandah	1	78 0	7 3	1 6	848	
Total, Square feet ..	..	..	..	..	..	12,186
Levelling course of concrete 6" thick under flooring.						
Courts	2	24 6	17 6	..	858	
Clerks' room, small	1	20 3	17 6	..	354	
Head Accountant's room	1	15 6	17 6	..	271	
Clerks' room, large	1	23 6	17 6	..	411	
Cashier's room	1	9 6	17 6	..	166	
Treasury	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 11¼	..	139	
Private rooms	1	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	..	233	
Arms' room	1	9 6	15 6	..	147	
Male wards	2	14 6	15 6	..	225	
Do.	2	13 7½	15 6	..	422	
Female wards	1	7 0	15 6	..	217	
Passage	1	4 6	15 6	..	70	
Front verandah	2	200 0	7 3	..	1,450	
Rear do.	1	49 0	7 3	..	711	
Courtyard verandah	1	78 0	7 3	..	566	
Do. do.	1	24 6	26 3	..	643	
Total, Square feet ..	..	..	..	..	..	8,693
Flooring with 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	
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	1	11 0	18 0	..	396	
Property room	1	7 3	18 0	..	131	
Police guard room	1	15 6	16 0	..	248	
Arms' room	1	10 0	16 0	..	160	
Passage	1	5 0	16 0	..	80	
Front verandah	1	203 0	9 0	..	1,827	
Rear ,, ...	2	50 9	9 0	..	914	
Courtyard verandah	1	76 0	9 0	..	684	
Do. do	1	24 6	26 3	..	643	
Archways at A and B	2	4 0	4 6	..	12	
Doorways to wards outside	5	4 0	0 6	..	10	
Recesses to windows	16	4 0	0 9	..	48	
Do. to property room	2	2 0	0 9	..	3	
Archways to Police guard and passage ..	4	5 0	1 6	..	30	
Do. to Head Accountant's room ..	2	10 0	1 6	..	30	
Deduct for posts	59	1 0	1 0	..	7,987	
Net ..	..	..	..	..	..	59
Asphalting floor ¾" thick.						7,928
Record room	1	60 0	16 0	..	960	
Window recess	1	4 0	0 9	..	3	
Do.	15	2 0	0 9	..	28	
Male wards	1	15 0	16 0	..	240	
Female wards	2	14 1½	16 0	..	452	
Doorways	2	7 6	16 0	..	240	
Total, Square feet ..	5	4 0	1 0	..	20	
	..	..	..	..	..	1,938

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.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
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	
Cashiers' room	1	56 0	..	18 7½	1,043	
Clerks' room, small	1	77 6	..	15 7½	1,211	
Head Accountant's room	1	68 0	..	15 7½	1,063	
Treasury	1	56 0	..	14 3	798	
Passage	1	45 0	..	15 7½	703	
Inspector's room	1	56 0	..	15 7½	875	
Station records room	2	35 4½	..	15 7½	1,105	
Private rooms	2	58 0	..	15 7½	1,813	
Gables	28	18 0	..	3 6	1,764	
Property room	1	18 0	..	12 0	216	
Do.	1	18 0	..	8 6	153	
Do.	2	7 3	..	10 3	149	
Record-room	1	152 0	..	13 3	2,014	
Police guard room	1	63 0	..	12 3	772	
Arms' room	1	52 0	..	12 3	637	
Male wards	1	62 0	12 3	..	760	
Do. at back	2	60 3	..	12 3	1,476	
Female wards	2	47 0	..	12 3	1,152	
Passage	1	42 0	..	12 3	515	
Gables	2	16 0	..	3 2	101	
Parapet wall, inside and top	1	210 3	..	2 3	473	
Binding walls, sides and top	6	16 6	..	3 1½	309	
Door jambs and soffits	20	21 6	..	1 1	466	
Do. do. Treasury	1	22 6	..	1 6	34	
Do. do. small doors ..	2	20 0	..	1 1	43	
Do. do. property room ..	1	19 0	..	1 1	21	
Do. do. arms' room	1	19 0	..	0 8½	13	
Do. do. wards	5	20 0	..	1 6	150	
Doorways to passage, front and rear ..	2	21 0	..	1 6	63	
Archways, Head Accountant's room	2	29 9	..	1 6	89	
Do. to Police guard	3	19 0	..	1 6	86	
Do. to passage in rear	1	21 0	..	1 6	32	
Window jambs and soffits	12	16 6	..	1 1	215	
Do. do. Treasury	2	16 0	..	1 6	48	
Do. do. private rooms ..	2	21 6	..	1 1	47	
Do. do. property room ..	2	8 6	..	1 1	18	
Do. do. record-room ..	15	14 6	..	1 1	236	
Do. do. in rear room ..	1	19 0	..	1 1	21	
Do. do. recesses ..	2×34	0 9	..	3 0	153	
Ventilators, large, jambs and soffits and sills ..	16	16 0	..	1 2	299	
Do. small do. do. ..	20	11 0	..	1 6	330	
Do. do. jailwards do. ..	10	7 0	..	1 6	105	
						26,382
Deductions.						
Doors	24	4 6	..	8 6	918	
Do.	2	4 6	..	9 0	81	
Do.	4	4 0	..	8 0	128	
Do.	7	4 0	..	8 0	224	
Do.	3	4 0	..	7 6	90	
Passage in front	1	4 0	..	8 6	34	
Archways	3	5 0	..	5 6	83	
Do.	3	9 10	area.	..	27	
Passage in rear	2	4 0	..	8 6	68	
Archways, Head Accountant's room	4	10 0	..	7 6	300	
Do. do.	4	39 3	area.	..	157	
Do. at back	1	5 0	..	8 6	43	
Windows	11	4 0	..	6 0	264	
Do.	2	4 0	..	8 9	70	
Do.	2	4 0	..	6 0	48	
Do.	1	4 0	..	6 0	24	
Do.	15	2 0	..	6 3	188	
Do.	1	4 0	..	7 6	30	
Do.	2	2 0	..	3 3	13	
Ventilators, large	16	4 0	..	4 0	256	
Do. small	30	4 0	..	1 6	180	
Total, deduction ..	..	..	..	..	..	3,226
Net plastering, square feet ..	..	..	..	..	..	23,156

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.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Basement all round	1	577 0	..	2 0	1,154	
Do. court yard	1	101 6	..	1 6	152	
Courts, front and rear including gables	4	21 0	..	22 1½	1,859	
Sides	4	7 0	..	18 7½	522	
Do.	4	10 0	..	2 0	80	
Cashiers and clerk's room, large.						
Front	1	38 6	..	18 7½	717	
Rear over roof	1	38 6	..	6 0	231	
Sides do.	2	21 0	..	3 0	126	
Head Accountants, clerks, treasury, inspectors and record room, small.						
Front	2	38 3	..	15 7½	1,195	
Rear	2	20 9	..	15 7½	648	
Do. over roof	1	9 0	..	3 7½	33	
Private rooms.						
Front and rear	4	12 6	..	15 7½	781	
Ends including gables	2	21 0	..	19 1½	803	
Police guard, arms and wards.						
Side and rear	1	116 0	..	13 6	1,566	
Record-room, side and rear	1	80 6	..	13 0	1,047	
Gable	1	19 0	..	3 2	60	
Court yard verandah, all round	1	94 0	..	13 0	1,222	
Rear of record-room	1	42 6	..	13 0	552	
Property room, rear	1	19 6	..	8 0	156	
Do. front	1	8 9	..	10 0	88	
Parapet wall over walls of Police guard, arms and wards	1	210 3	..	1 0	210	
Deductions.						
Doors opening into verandah	16	4 6	..	8 6	612	
Do. in property room	1	4 0	..	7 6	30	
Do. in jail wards	3	4 0	..	8 0	96	
Windows, front, rear and Police guard rooms	12	4 0	..	6 0	288	
Do. in treasury	2	4 0	..	6 0	48	
Do. in private rooms	2	4 0	..	8 9	70	
Do. in record-room	15	2 0	..	6 3	188	
Do. in rear	1	4 0	..	7 6	30	
Do. in property room	2	2 0	..	3 3	13	
Ventilators, large	16	4 0	..	¼ 0	256	
Do. small	30	4 0	..	1 6	180	
Archways to Police guard	3	36 60	area.	..	110	
Do. back passage	1	5 0	..	8 6	43	
Do. passage in front	1	4 0	..	8 6	34	
Total, deduction	..	..	..	..	..	1,998
Net pointing, Square feet	..	..	..	..	..	11,204
Painting doors and windows.						
Panel and venetian doors	16	4 6	8 6	Times. 3½	1,989	
Panel doors	4	4 6	8 6	2½	344	
Iron grated door with frames	2	4 0	8 0	2¼	144	
Batten doors to arms and property rooms	1	4 6	9 0	1½	61	
Iron grated doors to jail wards	2	4 0	7 6	2¼	135	
Venetian windows	5	4 0	8 0	1½	240	
Do. with glazed top to private rooms	11	4 0	6 0	3½	924	
Iron grated windows to treasury	2	4 0	8 9	3½	245	
Batten window with iron bars to arms' room	2	4 0	6 0	1½	72	
Venetian windows with glazed top and iron bars to record room	1	4 0	6 0	2¼	66	
Iron grated gate for passage	15	2 0	6 3	3½	656	
Do. do.	1	4 0	7 6	3½	105	
Do. cashier's room	1	4 0	6 0	1½	36	
Venetian windows with glazed top and iron bars to property room	1	5 0	6 0	1½	45	
	2	4 6	4 0	1½	54	
	2	2 0	3 3	3½	46	
Total, Square feet	..	..	..	..	..	5,162

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 3 coats of zinc white paint.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Glazed shutters of windows	11	4 0	6 0	..	264	
Ventilators, large	16	4 0	..	4 0	256	
Do. small	30	4 0	..	1 6	180	
Nine trusses, 18 feet span—						
Principal rafters	18	11 0	..	1 5	281	
Struts	18	5 3	..	1 4	126	
Blocks on heads of trusses	9	2 6	..	1 3	28	
Tie beams	9	18 0	..	1 7	257	
Five trusses, 16 feet span—						
Principal rafters	10	9 6	..	1 3	119	
Struts	10	4 6	..	1 4	60	
Blocks on heads of trusses	5	2 6	..	1 3	16	
Tie beams	5	16 0	..	1 4	107	
Courts—						
Purlins	2 × 2	29 0	..	1 7	184	
Wall purlins	2 × 2	16 0	..	1 5	91	
Do.	2 × 2	7 6	..	1 5	43	
Ridge beams	2 × 1	29 0	..	1 7	92	
Do. at sides	2 × 2	5 0	..	1 7	32	
Common rafters	2 ×26	13 0	..	0 11	620	
Do. small and jack rafters	1	424 0	..	0 11	389	
Valley rafters at sides	2 × 4	9 0	..	1 3	90	
Cashier's and clerks' rooms, large—						
Purlins	2	38 0	..	1 7	120	
Wall purlins	2	38 0	..	1 5	108	
Ridge beam	1	38 0	..	1 7	60	
Common rafters	58	13 0	..	0 11	691	
Station records, inspectors, passage, treasury, head accountant's and clerks' rooms—						
Purlins	2 × 2	36 9	..	1 7	233	
Wall purlins in front	2	36 9	..	1 5	104	
Do. in rear	1	36 9	..	1 5	52	
Do. do.	1	28 9	..	1 5	41	
Ridge beam	1	36 9	..	1 7	58	
Do.	1	33 9	..	1 7	53	
Do. to meet the roof of record-room.	1	5 0	..	1 7	8	
Common rafters	98	13 0	..	1 11	1,168	
Do. and jack rafters	1	105 0	..	0 11	96	
Hip rafters	2	9 0	..	1 3	23	
Private rooms—						
Purlins	2 × 2	13 0	..	1 7	82	
Wall purlins	2 × 2	13 0	..	1 5	74	
Ridge	2 × 1	13 0	..	1 7	41	
Common rafters	2 ×20	13 0	..	0 11	477	
Record-room—						
Purlins	2	62 0	..	1 4	165	
Wall purlins	2	62 0	..	1 3	155	
Ridge beam	1	62 0	..	1 5	88	
Common rafters	73	13 0	..	0 10½	946	
Do.	11	12 0	..	0 10½		
Beams for wards and Police guard rooms	4	16 0	..	3 2½	205	
Joists, treasury room	13	10 0	..	1 4	173	
Do. Police guard room	12	15 6	..	1 1	202	
Do. arms' room	12	10 0	..	1 4	160	
Do. male wards	12	15 0	..	1 1	195	
Do. female wards	2 ×12	7 6	..	1 1	195	
Do. male wards at back	2 ×12	14 1½	..	1 1	367	
Do. passage at back	12	5 0	..	1 1	65	
Verandah—						
Posts	59	2 0	..	5 9	679	
Caps to posts	59	3 0	..	0 6	89	
Bressummer in front	1	220 0	..	1 6	330	
Do. in rear	2	59 0	..	1 6	177	
Do. courtyard	1	62 0	..	1 6	93	
Rafters, front, rear and courtyard	216	11 6	..	1 1	2,691	
High rafters	10	16 0	..	1 3	200	
Jack rafters	1	500 0	..	1 1	542	
Do. in courtyard	1	144 0	..	1 1	156	
Eave planks to front verandah	1	227 0	..	1 3	284	
Do. to rear do.	2	63 0	..	1 3	158	
Do. in courtyard	1	71 0	..	1 3	89	
Do. to main roof	1	342 0	..	1 3	428	
Do. record-room	1	108 0	..	1 3	135	
Barge boards to courts and other end gables	3	30 0	..	1 7	380	
Do. to record-room	1	26 0	..	1 7	41	

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 3 coats of zinc white paint—cont.		FT. IN.	FT. IN.	FT. IN.	SQ. FT.	
Barge boards, additional pieces	36	1 6	..	1 7	86	
Do. at top	9	3 0	..	1 7	43	
Reepers	..	..	..	..	6,593	
Total, Square feet	..	..	..	..	..	22,834
Lead sheeting, $\frac{3}{32}$" thick.						
For valley of courts	8	9 6	..	1 6	114	
For valley at the junction of main and record-rooms	2	9 6	..	1 6	28½	
Verandah, front	2	16 6	..	1 6	49½	
Do. court yard	2	16 6	..	1 6	49½	
Total	..	..	..	241·5	241·5 × 5·58	square feet. = 1,348 lb.
Semi-circular zinc gutter, 8".						
For valleys at sides of court rooms	8	6 0	..	..	48	
Do. at record-room	2	6 0	..	..	12	
Total	..	..	..	..	..	60 R. ft.
Downfall pipes.						
3" Diameter	8	18 0	..	..	144	
	2	15 0	..	..	30	
Total	..	..	..	..	..	174 R. ft.
Teakwood turned rails for dais	2	23 0	..	..	..	46 R. ft.
Masonry drain from inside of courtyard to the nearest nullah or side drain of road	..	..	..	..	..	L.S. Rs. 20
Iron gratings to the above	..	..	..	..	..	No. 2
Providing exit in the rear wall of each ward with a small pucka drain running along the line of the rear wall and connected with the nearest main drain—*vide* Chief Engineer's memorandum No. 631 C., dated 1st February 1897	..	..	..	..	..	L.S. Rs. 30
Teakwood punkas, 10 feet long with brown holland fringes, brass wheels, hooks and other fittings including suspenders and pulling ropes, &c., complete	..	..	..	..	..	No. 2
Masonry receptacles in treasury for holding cash chest	..	..	..	..	..	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.
27,826 c. ft.	Excavation for foundation	4 10 0	1,000 c. ft.	129	
11,372 ,,	Concrete	14 0 0	100 ,,	1,592	
15,510 ,,	Foundation and basement with stock bricks in chunam	19 8 0	Do.	3,024	
21,798 ,,	Superstructure with stock bricks in chunam	20 8 0	Do.	4,469	
822 ,,	Segmental archwork with stock bricks in chunam	22 8 0	Do.	185	
150 ,,	Circular archwork with stock bricks in chunam	23 8 0	Do.	35	
452 ,,	Cut stone work	2 0 0	Cubic foot.	904	
750 sq. ft.	Cuddapah slabs for ventilators including fixing and pointing with cement	24 8 0	100 sq. ft.	184	
1,717 c. ft.	Teakwood wrought and put up	3 8 0	Cubic foot.	6,010	
847 lb.	Wrought iron work	0 3 0	lb.	159	
12,536 sq. ft.	Roofing with flat and pantiles including teak reepers	14 0 0	100 sq. ft.	1,755	

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	RS.
1,867 sq. ft.	Terraced roofing with brick on edge, jelly, 3" thick, 3 courses of flat tiles and 3 coats of plastering on top and at ceiling	26 0 0	100 sq. feet.	485	
196 R. ft.	Cornice work with stock bricks in chunam	0 5 0	Right foot.	61	
612 sq. ft.	Teakwood panel and venetian doors with frames, hinges, hooks and other fittings, complete	1 1 0	Square foot.	650	
217 ,,	Teakwood panel doors with frames, hinges, hooks and other fittings, complete	1 1 0	Do.	190	
201 ,,	Iron-grated door with frames, strong iron fastenings, complete	1 13 0	Do.	364	
60 ,,	Teakwood, strong batten doors with frames iron, fastenings, complete	1 0 0	Do.	60	
264 ,,	Teakwood venetian windows with glazed shutters, inside frames, hinges, hooks and other fittings, complete	1 13 0	Do.	479	
70 ,,	Teakwood venetian windows with glazed top, complete	1 2 0	Do.	79	
48 ,,	Iron-grated windows	1 13 0	Do.	87	
24 ,,	Teak batten windows with frames, iron bars and other fittings, complete	1 6 0	Do.	33	
231 ,,	Teakwood venetian windows with glazed top, frames, iron bars and other fittings, complete	1 12 0	Do.	404	
54 ,,	Iron-grated gate shutters, complete	1 13 0	Do.	98	
36 ,,	Iron-grated gate shutters with small wickets at bottom for the passing of money	1 14 0	Do.	68	
64 ,,	Fixed glazed ventilators with frames, complete	0 12 0	Do.	48	
6 ,,	Fixed wire netting for ventilator with frames and iron bars, complete	0 12 0	Do.	5	
306 ,,	Fixed ventilators with wire netting without iron bars	0 4 0	Do.	77	
60 ,,	Fixed iron barred ventilators leaded in stone blocks as per details shown on plan	2 8 0	Do.	150	
12,186 c. ft.	Filling in basement	3 0 0	1,000 c. ft.	37	
8,693 sq. ft.	Levelling coarse of concrete, 6" thick under flooring	7 0 0	100 sq. ft.	609	
7,928 ,,	Flooring with 8" square bricks with chunam and pointed with Portland cement	7 3 0	Do.	570	
1,938 ,,	Flooring with asphalte ½" thick well rubbed over.	21 0 0	Do.	407	
23,156 ,,	Plastering interior with 2 coats of chunam polished.	2 8 0	Do.	579	
11,204 ,,	Pointing exterior with prepared lime mortar	1 8 0	Do.	168	
5,162 ,,	Painting doors and windows with 3 coats of Carson's Oak paint	2 12 0	Do.	142	
22,834 ,,	Painting wood work with 3 coats of zinc white paint	2 12 0	Do.	628	
1,348 lb.	Lead sheeting for valleys	0 3 0	lb.	253	
60 R. ft.	Semi-circular 8" zinc gutter	0 9 0	R. foot.	34	
174 ,,	Downfall pipes 3" diameter	0 5 0	Do.	54	
46 ,,	Teak-wood turned rails for dais	1 0 9	Do.	46	
	Cost of masonry drain from inside of court yard to the nearest nullah or side drain of the road.	..	..	L. S. 20	
2 No.	Iron gratings to the above	0 8 0	each	1	
	Cost of providing exit in the rear wall of each ward with a small pucka drain running along the line of the rear wall and connected with the nearest main drain	..	..	L. S. 30	
2 No.	Teak wood punkahs 10 feet long with brown holland fringes, brass wheels, hooks and other fittings including suspenders and pulling ropes, &c., complete	20 0 0	each	40	
	Masonry receptacles in treasury for holding cash chest	..	..	L. S. 20	
					25,422
	Contingencies at 5 per cent.	..	..	1,271	
	Petty supervision at 2½ per cent.	..	..	637	
					1,908
	Grand Total of estimate	..	..	..	27,330

29th April 1897.

(Signed) G. S. T. HARRIS,
Consulting Architect to Government.

ORDER—No. 1494 W., dated 2nd June 1897.

The revised type designs submitted by the Consulting Architect with descriptive specification and schedules of quantities for first-class taluk offices will be circulated to officers of the Public Works Department for information and guidance.

2. The accommodation allowed in the existing designs has not been modified, but various alterations ordered from time to time in constructive details have been included in the revised plans and schedules.

(True Extract.)

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

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

Exd. P. Seetharam.

Public Works DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following.

From the Consulting Architect to Government
No. 251 dated 29th April 1897.
No. 1494 W dy 2.6.97

The revised type designs submitted by the Consulting Architect with descriptive specification and schedules of quantities for first class taluk offices, will be circulated to officers of the P. W. Department for information and guidance.

2. The accommodation allowed in the existing designs has not been modified, but various alterations ordered from time to time in constructive details have been included in the revised plans and schedules.

To
Suptg: Engineers
Consg. Architect to Govt.
Revenue Department.
Judicial Department.

P. W. 40.
4,500—13-4-97.

Public Works (1897) Department.

CURRENT No. 4244

2

Order

From

The Secretary to the Government of Madras

No. 251

Dated 29th April 1897

Received 30.4.97

Registered —

Enclosures 9 (3 plans)

Spare copies

SUBJECT.

Submitting a revised estimate for first class Taluq Cutcherries with roofing of mangalore tiles & another also with terraced roofs for Gaol Wards & ordinary flat & pan tiles for other portions.

7/

O.L.S. 134 12/16

BACK PAPERS.

No.	Date.
631C	1.2.97
1818C	2.4.96
1701C	11.1.96
3348C	29.10.94
2143C	7.6.94
1686C	14.4.94
1235C	17.3.94
3085W	1.12.94
3023W	11.11.91

FURTHER PAPERS.

No.	Date.

Mangalore tiled roofing and terraced ceiling for the

3SP Revised Standard design for 1st Class Taluq Offices with Mangalore tiled roof and terraced ceiling for the Sub Jail wards, treasury &c according to Sheet No of Sections signed by the Consulting Architect to Government on the 17th July 1894, and issued with G.O. No 3085 W dated 1st December 1894.

Descriptive Specification for the design will be the same as that attached to the Schedule of quantities for Tiled and Terraced roof for the Sub Jail wards except the roofing which will be as follows:

Roofing. The roof will be covered with Mangalore tiles over teak rafters "2x1" fixed 12½ inches from centre to centre. All valleys should be protected with sheet lead. The treasury and Sub Jail wards will have a terraced ceiling as shown on Sections — C D, G H & I J of the Sheet referred to and the other rooms will be ceiled with $\frac{5}{8}$" thick teak planking screwed to the underside of rafters overlapping one inch, the rafters should not be cut.

A small exit to be provided in the rear wall of each jail ward, with a small pucka drain running along the line of the rear w

with the nearest train drain, Vide
Chief Engineers Memo No 631C dated
1st February 1897.

Chs David —
Consulting architect to Govt

Mangalore tiled roofing and terraced ceiling for the Sub Jail wards and Treasury. 4

E. 129.
50,000—6-8-96.

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 & Sides	2	92·0	4·0	5·0	3680	
Dais	2	17·6	2·0	0·9	53	
Do Steps	4	4·6	2·0	0·9	27	
Cashiers & Clerks rooms, walls & Sides.	1	113·0	4·0	5·0	2,260	
Do Do Cross walls.	1	15·6	4·0	5·0	310	
Front & 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	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 3 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	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	
Court yard 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	
	1	19·6	2·3	0·9	33	
Do for yard	1	5·3	1·3	0·9	5	
				Total Excavation	Cft.	27826

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.						
Court walls 4 Sides	2	92·0	4·0	2·0	1,472	
Dais	2	19·6	2·0	0·9	59	
2o Steps	4	4·6	2·0	0·9	27	
Cashiers and clerks rooms walls four Sides	1	113–0	4·0	2·0	904	
2o Cross walls.	1	15·6	4·0	2·0	124	
Front & rear walls between do and Courts.	4	35·9	4·0	2·0	1144	
3o Private rooms.	4	12·6	4·0	2·0	400	
End and cross walls	6	15·6	4·0	2·0	744	
Partition walls between Station record rooms	1	6·9	3·7½	2·0	49	
Police guard, armorie and record room walls 3 Sides	2	136·6	4·0	2·0	2184	
Male wards at back	2	33–0	4·0	2·0	528	
Cross walls	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	1509	
Rear do	2	55·9	3·6	2·0	781	
Court yard Verandah all round	1	58·6	3·6	2·0	410	
	2	20·6	3·3	0·9	100	
Steps	2	20·0	3·3	0·9	98	
	1	19·6	3·3	0·9	48	
3o at Court yard	1	6·0	2·3	0·9	10	
Total Concrete Cft.					11372	

5

E. 120,
50,000—6-6-96.

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
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 & rear walls between do and Courts.	4	37·0	2·9	1·6	611	
2o Private rooms.	4	12·6	2·9	1·6	206	
End and cross walls.	6	16·9	2·9	1·6	415	
Partition wall between Station Record rooms	1	8·0	2·4½	1·6	29	
Police guard armorie and record room, walls 3 Sides	2	137·9	2·9	1·6	1136	
Male ward at back	2	34·3	2·9	1·6	283	
Cross walls	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	
Court yard Verandah all round	1	59·9	2·3	1·6	202	
Above footings to ground Level						
Court walls four Sides	2	92·0	2·0	1·6	552	
Cashiers & clerks rooms walls four Sides	1	113–0	2·0	1·6	339	
Cross walls of do.	1	17·6	2·0	1·6	53	
Carried Forward					6657	

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					6657	
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	
End and cross walls	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 & record						
room walls, three sides	2	138·6	2·0	1·6	831	
Male wards at back	2	35·0	2·0	1·6	210	
Cross walls	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	
Court yard Verandah	1	60·6	1·6	1·6	136	
Basement:						
Court walls four sides	2	92·1	2·0	2·0	736	
Dais	2	19·6	1·6	2·0	117	
Do Steps	4	4·6	2·0	2·0	72	
Cashiers and clerks room						
walls four sides	1	113	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 & cross walls	6	17·6	2·0	2·0	420	
Partition wall between						
Station record room	1	8·9	1·7½	2·0	28	
Carried Over					12527	

6

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					12,527	
Police guard arms and						
record room walls, three sides	2	138·6	2·0	2·0	1108	
Male wards at back	2	35·0	2·0	2·0	280	
Cross walls	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 do	2	57·9	1·6	2·0	347	
Court yard do	1	60·6	1·6	2·0	187	
Steps 16 ft long	2	16·0	1·0	0·6	16	
do	2	18·0	2·0	0·6	36	
do	2	20·0	3·0	0·6	60	
Do 15½ ft long	2	15·6	1·0	0·6	16	
do	2	17·6	2·0	0·6	35	
do	2	19·6	3·0	0·6	59	
Do 15 ft long	1	15·0	1·0	0·6	8	
do	1	17·0	2·0	0·6	17	
do	1	19·0	3·0	0·6	29	
Do in Court yard 6 ft long	1	6·0	1·0	0·6	3	
do	1	6·0	2·0	0·6	6	
						15,789
Deductions						
Stone Slabs on top of						
Steps 16 ft long	2	20·0	3·3	0·5½	60	
Do 15½ ft do	2	19·6	3·3	0·5½	58	
Do 15 ft do	1	19·0	3·3	0·5½	28	
Do 6 ft do	1	6·0	2·2	0·5½	6	
Carried Over					152	15,789

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4 5 5 5 6 6

E. 120,
50,000—6-6-96.

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					152	15,789
Stones under posts let into basement 3"	59	1·0	1·0	0·3	15	
Sill Stones.						
Outer doorways	16	5·6	1·6	0·6	66	
Inner do	4	5·6	1·6	0·6	17	
Do Do	2	5·0	1·6	0·6	8	
Do for Treasury	1	7·0	0·9	0·6	3	
Do for Jail wards	5×2	1·3	0·10½	0·6	5	
For Property & arm rooms	2	5·0	1·6	0·6	8	
For Gates at Passage and Police guard	2×2	1·3	1·6	0·6	4	
Do Do	2	0·9	0·9	0·6	1	
					279	
			Total Cubic Ft.		15,510	
Superstructure.						
Court walls four Sides	2	92·0	1·6	18·7½	5141	
Bases.	2	20·6	1·3	1·6	77	
Do Steps.	4	4·0	2·0	0·9	24	
Gables in front & rear	2×2	21·0	1·6	3·6	441	
Do at sides & other places.	6	9·10½	1·6	1·10½	167	
Cashiers and clerks room walls four Sides	1	113·0	1·6	18·7½	3157	
Cross walls of do.	1	18·0	1·6	18·7½	503	
Gables.	3	21·0	1·6	3·6	331	
Front & rear walls between do and Courts	4	38·3	1·6	15·7½	3586	
do Private rooms.	4	12·6	1·6	15·7½	1172	
			Carried Over		14,599	

7

E. 120,
50,000—6-6-96.

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					14,599	
End & cross walls of Private, Head accountants & clerks room	6	18·0	1·6	15·7½	2531	
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 & wards	1	210	1·6	13·7	4279	
Cross walls	6	16·0	1·1½	13·7	1467	
Gables	6	19·0	1·1½	3·2	406	
Do	2	19·0	1·6	3·2	181	
Record room walls	1	139·0	1·6	13·3	2763	
Property room in Verandah	1	19·6	1·6	8·0	234	
Do Do	1	7·3	1·6	10·0	109	
String course over Gothic windows to private rooms	2	5·10				
Do Record room	15	3·5				
	1	5·10				
String course over Ventilators	20	4·9				
Do at Courts, Clerks and Cashiers rooms	16	4·9				
		239·9	0·3	0·3	75	
Half gable between female wards to be built up to the height of roof	1	9·6	1·1½	2·10½	31	
					27,440	
Deduction.						
Outer doorways in courts and Service rooms	16	4·6	1·6	8·6	918	
Inner do do	4	4·6	1·6	8·6	230	
Carried Over					1148	

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.					1148	27440
Inner Do Do	2	4·0	1·6	8·0	96	
Do Do between Treasury & Cashiers rooms	1	4·6	1·6	9·0	61	
Do Jail wards	5	4·0	1·6	8·0	240	
Do to arms room	1	4·0	1·1½	7·6	34	
Do to Property room	1	4·0	1·6	7·6	45	
Do Passage front & rear	2	4·0	1·6	8·6	102	
Archways to Police Guard room	3	5·0	1·6	5·6	124	
Semicircular portions do	3	9·10	area	1·6	41	
do to passage at back	1	5·0	1·6	8·6	64	
Do in clerks rooms	2	10·0	1·6	7·0	210	
Do Semicircular portions	2	39·3	area	1·6	118	
Windows						
In courts & rooms	11	4·0	1·6	6·0	396	
In Private rooms	2	4·0	1·6	8·9	105	
In Treasury	2	4·0	1·6	6·0	72	
Windows in Arms room	1	4·0	1·6	6·0	36	
Recess to windows above	16	4·0	0·9	3·0	144	
Windows in record room	15	2·0	1·6	6·3	281	
Recess to do.	15	2·0	0·9	3·0	68	
Window at end of do	1	4·0	1·6	7·6	45	
Recess to do.	1	4·0	0·9	3·—	9	
Window in Property room	2	2·0	1·6	3·3	20	
Recess to Do	2	2·0	0·9	3·0	9	
Ventilators for courts, rear	4	4·0	1·6	4·0	96	
Do Do & clerks & rooms front & rear	20	4·0	1·6	1·6	180	
Do Do large	12	4·0	1·6	4·—	288	
Carried Over					4032	

E. 120.
50,000—6-6-96.

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.					4032	27,440
Do for Jail wards	10	4·0	1·6	1·6	90	
Stones for Treasury door	4	1·3	0·11	0·6	2	
Do of Jail wards.	5×3	1·3	0·10½	0·6	8	
at recess of Padlock do	5	3·0	1·6	1·6	34	
Do for gate passage & Police guard	2×2	1·0	0·11	0·6	2	
Do Do for iron doors abt	2×4	1·—	0·11	0·6	4	
Do for windows in Treasury	2×4	1·3	0·11	0·6	5	
Do for Ventilators in Jail wards	10×4	1·0	1·6	0·9	45	
Bed plates under trusses, Courts	8	1·6	1·6	0·4	6	
Do Do In clerks Head Accounts & rooms	10	1·6	1·6	0·4	8	
Do in record room	10	1·6	1·6	0·4	8	
Do Wards & Guard rooms	8	1·6	1·6	0·4	6	
Ashlarwork as per details					972	
					5222	
				Total Cubic feet	22218	
Deduct for Ashlarwork.						
Over doors in the courts and clerks rooms	16	5·6	1·6	1·1½	149	
" Inside do	4	5·6	1·6	1·1½	37	
" Do Do	2	5·1½	1·6	1·1½	17	
Do at Treasury.	1	5·6	1·6	1·1½	9	
Do Wards, arms & Property rooms	7	5·1½	1·6	1·1½	61	
Passage front Rear	2	5·1½	1·6	1·1½	17	
Do at back.	1	6·0	1·6	1·1½	10	
Over Windows Courts & rooms	16	5·1½	1·6	1·1½	138	
Carried Over					438	

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.					438	
Over windows, Record room.	15	3·11/2	1·6	1·11/2	79	
" Property room	2	3·0	1·6	0·9	7	
" Record room at end	1	6·11/2	1·6	1·11/2	9	
Over Ventilators Large & Small	36	4·9	1·6	1·11/2	289	
				Total Cub ft		822
Circular Arch work.						
Over Archways to Clerks and Head Accountants rooms	2	18·0	1·6	1·6	81	
Do Police guard room	3	10·3	1·6	1·6	69	
				Total Cub ft		150
Cut Stone work.						
Stones for pills of doorways (outer)	16	5·6	1·6	0·6	66	
Do Do (Inner)	4	5·6	1·6	0·6	17	
Do Do Do	2	5·0	1·6	0·6	8	
Do Do Treasury	1	7·0	0·9	0·6	3	
Do Do Do	4	1·3	0·11	0·6	2	
Do Do Jail wards	5X5	1·3	0·10½	0·6	14	
Do at recess for Padlocks	5	3·0	1·6	1·6	34	
Do Do Property & arms rooms	2	5·0	1·6	0·6	8	
Do to Gates at Passage (A) and Police guard	2X2	1·3	1·6	0·6	4	
Do Do	2	0·9	0·9	0·6	1	
Do Do	2X2	1·0	0·11	0·6	2	
Do Iron doors at C & D	2X4	1·0	0·11	0·6	4	
Do Windows in Treasury	2X4	1·3	0·11	0·6	5	
Do Ventilators of Jail wards	10X4	1·0	1·6	0·9	45	
Carried Over.					213	

Louvres 9

E. 120.
50,000—6-6-96.

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.					213	
Bed plates for trusses, Courts.	8	1·6	1·6	0·4	6	
Do Clerks & Accountants rooms	10	1·6	1·6	0·4		
Do Record room	10	1·6	1·6	0·4	15	
Do Wards & guard rooms	8	1·6	1·6	0·4	6	
Stones to Steps 16 ft long	2	20	3·3	0·5½	60	
Do Do 15½ ft long	2	19·6	3·3	0·5½	58	
Do Do 15 ft long	1	19·0	3·3	0·5½	29	
Do Do in Courtyard	1	6·0	2·2	0·5½	6	
Do for Posts including the portion (3') let into basement	59	1·0	1·0	1·0	59	
				Total Cub ft		452
Cuddapah Slabs & Tiles						
Ventilators large to Courts, Cashiers & Clerks rooms.	12X5	5—0		1·6	450	
Do Small	20X2	5—0		1·6	300	
				Total Sq ft		750
Teak wood roof work.						
Courts & Clerks rooms.						
9 Trusses of 18 ft Span						
Tie beams	9	21·0	0·4	0·7½	39	
Principal rafters	9X2	12·0	0·4	0·6½	39	
Struts	9X2	5·6	0·4	0·4	11	
Blocks on heads of trusses	9	1·3	0·6	0·9	4	
Courts—Purlins including 6" overlapping on each truss & 2 feet projection outside the walls.	2X2	33—0	0·3½	0·7	22	
Carried Over					115	

Where Cuddapah slabs are not easily available Mangalore tile louvres may be used as per plan circulated with G.O. No. 1706 D.J. 11-1-96

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.					115	
Courts						
Wall purlins.	2X 2	16·0				
	2X 2	8 6		0·4	0 4	11
Ridge beam including overlapping ea	2X1	33 0	0·3	0 8		11
Do at sides	2X2	5·6	0 3	0 8		4
Common rafters about 2½ ft. apart from centre to centre.	2X22	15·0	0·2½	0·4		41
Jacks to Do.	2X4	12·6	0·2½	0·4		6
Do Do	2X1	9·0	0·2½	0·4		4½
Do at centre	2X2	5·9	0·2½	0·4		1½
Do at sides	2X4	3·6	0·2½	0·4		2
Do close to wall	2X4	5·0	0·2½	0·4		2½
Valley rafters at sides	2X4	9·6	0·3	0·6		9½
Cashiers and clerks rooms.						
Purlins including overlapping	2	43·6	0·5	0·7		21
Wall purlins	2	43·6	0·4	0·4		10
Ridge beam	1	43·6	0·3	0·8		7
Common rafters	40	15·0	0·2½	0·4		37½
Station record, Inspectors Passage, Treasury, Head Accountants & Clerks rooms.						
Purlins including overlapping	2X2	41·8	0·5	0·7		40
Wall purlins in front	2X1	41·3	0·3	0·7		12
Do in rear.	2X1	28·6	0·3	0·7		8
Do Do	2X1	5·6	0·3	0·7		1½
Carried Acco					345	

The projections of the eaves should be arranged according to the length of the tiles used so tiles of different lengths are manufactured at the several Manufactories.

E. 120,
50,000—6-6-96.

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.					345	
Ridge beam including overlapping	2X1	41 3	0·3	0·8	14	
Do to meet roof of record and Police guard rooms	2	5·6	0·2½	0·8	1½	
Common rafters front	2X17	15·0	0·2½	0·4	52½	
Do Rear.	2X11	15·0	0·2½	0·4		
Do Jacks.	2X2	12·6				
Do Do	2X2	9·0				
Do Centre	2X1	5·9	0·2½	0·4	8	
Do at Sides	2X2	3·6				
Do close to walls.	2X2	5·6				
Valley rafters at Sides	2X2	9·6	0·3	0·6	5	
Private rooms.						
Purlins	2X2	15·6	0·5½	0·7½	17	
Wall do	2X2	15·6	0·4	0·4	7	
Ridge beams	2X1	15·6	0·3	0·8	5	
Common rafters	2X14	15·0	0·2½	0·4	26	
Record room.						
Tie trusses of 16 feet Span.						
Tie beams	5	19·0	0·4	0·6	16	
Principals rafters	5X2	10·0	0·4	0·5½	15	
Struts	5X2	4·9	0·4	0·4	5½	
Blocks on heads of trusses	5	1·3	0·6	0·9	2	
Purlins including overlapping	1	60·0				
Do	1	52·0	0·4¼	0·7	26	
Do Cross at end	1	14·6				
Carried Acco					545½	

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					545½	
Wall purlins (outside)	1	65-0				
Do Inside	1	46·6	0·3	0·6	16	
Do Cross	1	14·0				
Ridge beam	1	55·6	0·2½	0·8	8	
Do at side	1	10·0	0·2½	0·8	1	
Common rafters including the end ones Outside	26	14·0				
Do Inside	19	14·0	0·2¼	0·3½	34½	
Hip & Valley rafters	2	18·0	0·3	0·6	4½	
Jack rafters outside	2	10·6				
Do	2	7·6				
Do	2	5·0				
Do	2	3·0	0·2¼	0·3½	5	
Do Inside	2	9·6				
Do	2	6·6				
Do	2	3·6				
Male wards & passage						
Wall plates including over lapping	2	38·0	0·4	0·3	6	
Common rafters front	17	13·0	0·3	0·5	48	
Do Rear	17	14·0				
Collar pieces	17	14·9	0·3	0·5	26	
Do Small	17	8·9	0·3	0·4	12	
Police Guard, arms, Male and female wards.						
Wall plate in rear	1	65-0				
Do front	1	48·6	0·4	0·3	11	
Do End wall	1	19·0				
Carried Over					717½	

E. 120.
50,000—6-6-96.

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					717½	
Common rafters up to last Seat one ward Rear	23	14·0				
Front	23	13·0	0·3	0·5	71	
at end	4	14·0				
Collar pieces large	23	14·9	0·3	0·5	35	
Do Small	23	8·9	0·3	0·4	17	
Hip rafters	1	18·0				
Valley rafters	1	15·6	0·3	0·7¼	5	
Jack rafters Outside	2	10·6				
Do	2	7·6				
Do	2	5·0				
Do	2	3·0	0·3	0·5	9½	
Do Inside	2	9·6				
Do	2	6·6				
Do	2	3·6				
Wall plate on half gable wall between the female wards at end	1	10·6	0·4	0·4	1	
Verandah						
Posts	59	6·0	0·6	0·6	88½	
Caps over posts	59	1·0	1·0	0·6	29½	
Breastsummer in front including overlapping	1	230-0	0·4	0·5	32	
Do in rear	2	62-0	0·4	0·5	17	
Do Court yard	1	65-0	0·4	0·5	9	
Rafters in front	85	12·6	0·3	0·5	85	
Do in rear	2×18	12·6	0·3	0·5	47	
Do in Court yard	32	12·6	0·3	0·5	42	
Carried Over					1206	

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					1206	
Hip and Valley rafters	10	16.6	0.3	0.7½	25	
Jack rafters in front and rear	12	9.0				
2°	12	6.6				
2°	12	4.0				
2° Joining Valley rafters	2	4.0				
2°	2	6.6				
2°	2	8.0	0.3	0.5	40	
2°	2	8 6				
2°	2	5.3				
2°	2	2.9				
2° in Courtyard	4	9.0				
2°	4	6.6				
2°	4	4.0				
Wall plates in front including overlapping	1	188				
2° in rear do	2	43.6				
2° in courtyard do	1	115	0.3	0.3	25½	
2° Property room do	1	19.0				
Eave plank to Verandah fronts	1	227				
2° Rear	2	63				
2° Courtyard	1	71.0				
2° around main roof	1	342	0.1	0.7	52½	
2° around Police guard wards & record room	1	199.6				
2° around main roof in front of Police guard & wardore	1	114.6				
Carried Over					1349	

E. 120,
50,000—6-6-96.

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.					1349	
Barge boards to Court and other Quad. gables	8	30.0	0.1	0.9	15	
Additional pieces to above	32	1.6	0.1	0.9	3	
2° at top.	8	3.0	0.6	0.9	1½	
Beams & Joists to truss roof for Treasury, Police guard and wards						
Beams to wards & Police guard rooms	4	18.6	0.10½	1.0	65	
Treasury Joists 18 from centre to centre	13	11 6	0.3	0.6½	20	
2° Police guard room	12	17.4	0.3	0.5	22	
2° Arms room	12	11.1½	0.3	0.6½	18	
2° Wards	12	16.1½	0.3	0.5	20	
2° Female wards	24	8.7½	0.3	0.5	21½	
Male wards & passage at back Joists	12	37.6	1.3	0.5	47	
Wall plates to Treasury	2	19.0	0.4	0.3	3	
2° Police guard & arms	6	17.0	0.4	0.3	8½	
2° Male Ward & passage	4	17.0	0.4	0.3	6.	
				Total Cub ft.	1600	
Teak wood ceiling planks 5/8" thick to be secured to underside of rafters Over lapping" Courts	2	32—0		29—0	1856	
Cashier & clerks rooms Large	1	42.6		29.0	1233	
Carried Over					3089	

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.					3089	
Station Records, Inspectors						
Passage, Treasury, Head						
Accountants & clerks rooms	2	38.3		29 =	2,219	
Private rooms.	2	14.6		29 =	861	
Record room	1	63.6		27.6	1746	
					7915	
Deduct for Treasury.	1	11 0		29 =	319	
		Net Ceiling planks			sft.	7596
Lead Sheeting 3/32 thick						
For Valley Courts.	8	9.6		1.6	114	
Do at the Junction of Train and Record & Police Guard roofs	4	9.6		1.6	58	
Do at back of Record room	1	18.0		1.6	27	
Do Do Female ward	1	16.0		1.6	24	
Do Verandah front.	2	16.6		1.6	49½	
Do Court yard	2	16.6		1.6	49½	
Total Sq ft 322 @ 5.58 lbs					Sq ft.	1797 lbs.
Semicircular zinc gutter 8"						
For Valley at sides of Court rooms	8	6.0				
Do at Record & Police Guard rooms	4	6.0				
Total Gutter Rft.						72
Down fall pipes 3" Dr	8	18—				
	4	15—				
Total Rft						204

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E. 120,
50,000—8-5-95.

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
Wrought Iron work				lbs		
1" Dr King rod for 18 trusses	9	8 6 = 76.6		×2.62	200	
1" Hex nuts & Heads to Do	9			×1.10	10	
3 Dr 1/8" thick Washers	27	7.068×.125 = 23.85		×.28 =	7	
1½"×½" Heal Straps	18	3.4 = 60—		×2.5	150	
1½"×½" bearing plates	18	0-6½ = 10.125		×2.5	25	
⅝" Hex nuts.	36			×0.267	10	
Caps of ⅜" plates 6" wide	9	1.4 = 12—		×7.51	90	
⅞" Dr King rod for 16 trusses	5	7.6 = 37.6		×2.01	75	
⅞" Dr Heads & nuts to trusses	5			×0.73	4	
3" Dr 1/8" thick washers.	15	7.068×.125 = 13.25		×.28 =	4	
1½"×⅜" Heal Straps	10	2.6 = 25—		×1.87	47	
1½"×⅜" Bearing plates	10	0.6½ = 5.63		×1.87	11	
⅝" Hex nuts	20			×0.267	5	
Caps of ⅜" plates, 6" wide	5	1.4 = 6.67		×7.51	50	
Pins for posts ¾" Dr	57	1.3 = 73.71		×1.476	109	
Holding down bolts at end of each truss, ½" Dr.	28	1.4 = 37.33		×0.656	24	
Heads & nuts to do	28			×0.128	4	
3" Dr 1/8" thick washers for holding down bolts & posts.	87	7.068×.125 = 76.86		×0.28 =	22	
				Total lbs		847.
Roofing with Mangalore tiles including teak purlins.						
Courts	2	32.0		30—	1920	
Cashiers & clerks rooms	1	42.6		30—	1275	
Carried Over.						3195

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.					3195	
Station records, Inspectors, passage, treasury, Head accountants, clerks rooms	2	38.3		30	2295	
Private rooms.	2	14.6		30	870	
Record room.	1	63.6		28.0	1778	
Police guard, arms, Male & Female wards	1	63.6		27.0	1715	
Male wards and Passage at back	1	35.6		27.0	959	
Verandah in front.	1	207		12.0	2484	
Do in rear	2	52		12	1248	
Do Court yard.	1	92.6		12	1110	
				Total Sq ft	15,654	
Fenced Ceiling						
Treasury	1	11.0		19.0	209	
Police guards, arms & Wards.	1	61.0		17.0	1037	
Male wards at back	1	36.6		17.0	621	
				Total Sq ft	1,867	
Doors						
Teak panel & Venetian doors with frames &c	16	4-6		8.6	612	
				Total Sq ft.	612	
Teak panel doors with frames (Inner doors)	4	4.6		8.6	153	
Do Do	2	4.0		8	64	
				Total Sq ft	217	

13. The projections of the eaves shewn to be arranged according to the length of the walls as per plans of Specific different Store Manufactured at the Vernal Manufactories—

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E. 129.
50,000—6-6-96.

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
Iron Grated door to Treasury	1	4.6		9.0	41	
Do to Jack wards	5	4.0		8.0	160	
				Total Sq ft	201	
Teak Strong batten doors with frames to arms and Property rooms	2	4.0		7.6	60	
				Total Sq ft	60	
Windows						
Venetian windows with glazed Shutters inside, frames &c, hinges, hooks, bolts and other fittings complete	11	4.0		6.0	264	
				Total Sq ft	264	
Do Do with glazed top to Private rooms.	2	4.0		8.9	70	
				Total Sq ft	70	
Iron grated windows, iron fastenings complete to Treasury	2	4.0		6.0	48	
				Total Sq ft	48	
Batten windows with frames iron bars & fittings complete to Arms rooms	1	4.0		6.0	24	
				Total Sq ft	24	
Venetian windows with frames, glazed top, iron bars & fastenings &c for Record room	15	2.0		6.3	188	
				Carried Over	188	

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					188	
Venetian windows with frames						
glazed top iron bars and						
fastenings &c for Record room						
at Ind.	1	4·0		7·6	30	
Do Do to Property room	2	2·0		3·3	13	
				Total Sq ft.		231
Iron grated fold Shutters for						
Police guard	1	5·0		6·0	30	
Do to Passage at A.	1	4·0		6·0	24	
				Total Sq ft		54
Iron grated fold Shutter						
with small wicket at bottom						
to be fixed inside of the doors						
C & D in the Cashiers room to						
receive remittances & to make						
payments, Vide, G.O. No 1147 dy						
7th June 1894.	2	4·6		4·0	36	
				Total. Sq ft		36
Ventilators						
Ventilators with fixed glazed						
Shutters, frames &c for courts						
at back	4	4·0		4·0	64	
				Total Sq ft		64

(Vide G.O. No 3084 W dy 2nd December 1896)

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E. 120,
50,000—6-6-96.

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
Ventilators with fixed wire netting						
($\frac{1}{2}$" mesh) and iron bars frames &c						
for Treasury in front	1	4·0		1·6	6	
				Total Sq ft		6
Ventilators with wire netting	12	4·0		4·0	192	
frames &c without iron bars	19	4·0		1·6	114	
				Total Sq ft		306
Iron barred Ventilators Leaded						
in Stone blocks as per details						
shewn on plan for jail wards	10	4·0		1·6	60	
				Total Sq ft		60
Enlargement.						
Courts	2	24·6	17·6	1·6	1286	
Dais	2	6·6	5·9	1·6	112	
Clerks room Small	1	20·3	17·6	1·6	532	
Head accountants room	1	15·6	17·6	1·6	407	
Clerks room Large	1	23·6	17·6	1·6	617	
Cashiers room	1	9·6	17·6	1·6	249	
Treasury	1	9·6	17·6	1·6	249	
Passage	1	4·0	17·6	1·6	105	
Inspectors room	1	9·6	17·6	1·6	249	
Station record rooms	2	8·9	7·11¼	1·6	208	
Private rooms	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	
				Carried Over		6,474

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					6,474	
Apmo poom	1	9·6	15·6	1·6	221	
Male wards	1	14·6	15·6	1·6	337	
Do	2	13·7½	15·6	1·6	634	
Female wards	2	7·0	15·6	1·6	326	
Jasage	1	4·6	15·6	1·6	105	
Front Verandah	1	200	7·3	1·6	2175	
Rear Do	2	49	7·3	1·6	1066	
Courtyard Do	1	78·0	7·3	1·6	848	
				Total Cubft.		12,186
Leveling course of concrete 6" thick under flooring.						
Courts	2	24·6	17·6		858	
Clerks room Small	1	20·3	17·6		354	
Head Accountants room	1	15·6	17·6		271	
Clerks room, large	1	23·6	17·6		411	
Cashiers room.	1	9·6	17·6		166	
Treasury	1	9·6	17·6		166	
Passage.	1	4·0	17·6		70	
Inspectors room.	1	9·6	17·6		166	
Station Record room.	2	8·9	7·11¼		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		233	
Arms room	1	9·6	15·6		147	
				Carried Over	4,389	

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E. 120.
50,000—6-6-96.

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					4,389	
Male wards	1	14·6	15·6		225	
	2	18·7½	15·6		422	
Female wards	2	7·0	15·6		217	
Passage	1	4·6	15·6		70	
Front Verandah	1	200	7·3		1450	
Rear do	2	49·0	7·3		711	
Courtyard do	1	78	7·3		566	
Do Do	1	24·6	26·3		643	
				Total Sqft		8,693
Facing with 8" Sq brick in cement and pointing with Portland cement.						
Courts	2	25·0		18·0	900	
Clerks room Small	1	20·9		18·0	374	
Head Accountants room	1	16·0		18·0	288	
Clerks room large	1	24		18·0	432	
Cashiers room	1	10·0		18·0	180	
Treasury	1	10·0		18·0	180	
Passage	1	4·6		18·0	81	
Inspectors room	1	10·0		18·0	180	
Station Records Do	2	8·5¼		9·3	156	
Private rooms	2	11·0		18·0	396	
Property room	1	7·3		18·0	131	
Police guard room	1	15·6		16·0	248	
Arms room	1	10·0		16·0	160	
Passage	1	5·0		16·0	80	
Front Verandah	1	203		9	1827	
				Carried Over		5,613

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					5,613	
Rear Verandah	2	50·9	9·0		914	
Court yard Do.	1	76·0	9·0		684	
Do	1	24·6	26·3		643	
Archways at A+B	2	4·0	1·6		12	
Doorways to wards Outside	5	4·0	0·6		10	
Recess to windows	16	4·0	0·9		48	
Do to Property room	2	2·0	0·9		3	
Archways to Police guard and passage	4	5·0	1·6		30	
Do to Hd Accountants room	2	10·0	1·6		30	
					7987	
Deduct Stones for Pools.	59	1·0	1·0		59	
Net Total Sq ft.					7928	
Asphalting flat Roofs						
Record room	1	60·0	16·0		960	
Window recess.	1	4·0	0·9		3	
Do	15	2·0	0·9		23	
Male wards	1	15·0	16·0		240	
	2	14½	16·0		452	
Female Do.	2	7·6	16·0		240	
Doorways.	5	4·0	1·0		20	
Total Sq ft.					1938	

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E. 120.
50,000—6-6-96.

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
Plastering Interior						
Courts	2	86·0		18·7½	3204	
Dais	4	7·0		1·6	42	
Clerks room Large	1	84·0		18·7½	1565	
Cashiers room	1	56·0		18·7½	1043	
Clerks room Small	1	77·6		15·7½	1211	
Hd Accountants room	1	68·0		15·7½	1063	
Treasury	1	56·0		14·10½	833	
Passage	1	45·0		15·7½	703	
Inspectors room	1	56·0		15·7½	875	
Station Records rooms	2	35·4½		15·7½	1105	
Private rooms	2	58·0		15·7½	1813	
Gables	28½	18·0		3·6	1796	
Property room (average)	1	60·6		10·3	618	
Record room	1	162·0		13·3	2014	
Police guard room	1	63·0		12·10	809	
Arms	1	52·0		12·10	667	
Male wards	1	62·0		12·10	796	
Do at back	2	60·3		12·10	1546	
Female wards	2	47·0		12·10	1206	
Passage	1	42·0		12·10	539	
Gables including half gables to be built between female wards to the full height of roof.	18½	16·0		3·2	937	
Door jambs + Soffits	20	21·6		1·1	466	
Do Treasury	1	22·6		1·6	34	
Do Small doors	2	20·0		1·1	43	
Carried Over					24828	

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					24,828	
Door Jambs & Soffits, Property room	1	19·0		1·1	21	
Do Arms room	1	19·0		0·8½	13	
Do to Wards	5	20—		1·6	150	
Doorway to Passage front	2	21·0		1·6	63	
Archways H° Accountants rooms	2	29		1·6	89	
Do to Police Guard	3	19·0		1·6	86	
Do Passage in rear	1	21·0		1·6	32	
Window Jambs & Soffits	12	16·6		1·1	215	
Do Treasury	2	16—		1·6	48	
Do Private rooms	2	21·6		1·1	47	
Do Property rooms	2	8·6		1·1	18	
Do Record rooms	15	14·6		1·1	236	
Do Do in rear	1	19·0		1·1	21	
Do Recesses	2×3	4	0·9	3·0	153	
Ventilators large Jambs & Soffits and Sills	16	1	6—	1·2	299	
Do Do	20	1	1·0	1·6	330	
Do in Jailwards	10	7		1·6	705	
						26,754
Deductions						
Doors	24	4	6·6	8·6	918	
	2×2	4	0·0	8·0	128	
	2×1	4	6·6	9·0	81	
	7	4	0·0	8·0	224	
	3	4	0·0	7·6	90	
Passage in front	1	4	0·0	8·6	34	
Carried Accs					1475	26754

18

E. 120.
50,000—6-6-96.

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 forwards					1475	26754
Archways	3	5—		5·6	83	
Do	3	9·10	area		27	
Do Passage in rear	2	4·0		8·6	68	
Do Do	4	10·0		7·0	280	
Do Do	4	39·3	area		157	
Do Do attack	1	5—		3·6	43	
Windows	11	4·0		6·0	264	
Do	2	4·0		3·9	70	
Do	2	4·0		6·0	48	
Do	1	4·0		6·0	24	
Do	15	2·0		6·3	188	
Do	1	4·0		7·6	30	
Do	2	2—		3·3	13	
Ventilators large	16	4		4·0	256	
Do small	30	4·0		1·6	180	
Total Deductions Sft					3206	
Total Square feet					23548	
Painting Internal						
Basement all round	1	577—		2—	1154	
Do Court yard	1	101·6		1·6	152	
Front & rear including gables	4	21·0		22·1½	1859	
Sides	4	7·0		18·7½	522	
Do	4	10·0		2·0	80	
Carried Accs. Sft					3767	

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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					3767	
Cashiers & Clerks room large.						
Front	1	38.6		18.7½	717	
Rear over roof	1	38.6		6.0	231	
Sides over roof	2	21.0		3.0	126	
Head accountants clerks Treasury, Inspectors and record room Small.						
Front	2	38.3		15.7½	1195	
Rear	2	20.9		15.7½	648	
Do over roof	2	9.0		3.7½	65	
Private rooms						
Front and rear	4	12.6		15.7½	781	
End including gables	2	21.0		19.11/2	803	
Police guard, arms & Wards						
Side & rear	1	116.0		13.0	1508	
Record room side & rear	1	80.6		13.0	1047	
Court yard & Verandah all round	1	94.0		13-0	1222	
Rear of record room	1	42.6		13—0	553	
Property room rear.	1	19.6		8—0	156	
Do front	1	9.9		10.0	88	
						12,907
Deductions						
Door openings into Verandah	16	4.6		8.6	612	
Do in property room	1	4.0		7.6	30	
Do in Jail wards	3	4.0		8.0	96	
Windows front & rear & Police guard rooms	12	4.0		6.0	288	
		Carried over			1026	12,907

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E. 120,
5',000—6-6-96.

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					1026	12,907
Windows in Treasury	2	4.0		6.0	48	
Do in Private room	2	4.0		8.9	70	
Do in Record room	15	2.0		6.3.	188	
Do in rear	1	4.0		7.6	30	
Do Property room	2	2.0		3.3.	13	
Ventilators large	16	4—0		4.0	256	
Do Small	30	4.0		1.6	180	
Archways to Police guard	3	36.60	area		110	
Do back passage	1	5—0		8.6	43	
Do passage in front	1	4.0		8.6	34	1998
				Total Sq ft.		10909
Painting Doors and windows						
Panel and Venetian doors	16	4.6	8.6	Times 3¼	1989	
Panel doors	4	4.6	8.6	2¼	344	
	2	4.0	8.0	2¼	144	
* Iron grated doors with frames	1	4.6	9.0	1½	61	
Batten doors to arms & property rooms	2	4.0	7.6	2¼	135	
Iron grated doors to Jail wards	5	4.0	8.0	1½	240	
Venetian windows	11	4.0	6.0	3½	924	
Do with glazed tops to Private rooms	2	4.0	8.9	3½	245	
Iron grated windows to Treasury	2	4.0	6.0	1½	72	
Batten windows with iron bars to arms room	1	4.0	6.0	2¾	66	
				Carried over		4220

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					4220	
Venetian windows with glazed top & iron bars to record room	15	2-0	6-3	3½ times	656	
Do	1	4-0	7-6	3½	105	
Iron grated gate for passage	1	4-0	6-0	1½	36	
Do	1	5-0	6-0	1½	45	
Do Cashiers room	2	4-6	4-0	1½	54	
Venetian windows with glazed top & iron bars to Property room.	2	2-0	2-3	3½	46	
				Total Sq feet	5162	
Painting woodwork with two coats of fine white paint						
Glazed Shutters of windows	11	4-0		6-0	264	
Ventilators Large	16	4-0		4-0	256	
Do Small	30	4-0		1-6	180	
Nine trusses of 18 ft Span						
Struts	18	5-3		1-4	126	
Tie beams	9	18-0		1-7	257	
Five trusses 16 ft Span						
Struts	10	4-6		1-4	60	
Tie beams	5	16-0		1-4	107	
Beams of Wards & Police guard room	4	16-0		2-10½	184	
Joists Treasury room	13	10-0		1-4	173	
Do Police guard room	12	15-6		1-1	202	
Do Arms room	12	10-0		1-4	160	
				Carried Over	1969	

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E. 120.
50,000—6-6-96.

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					1969	
Joists Male wards	12	15-0		1-1	195	
Do Female Do	2×12	7-6		1-1	195	
Do Male wards at back	2×12	14-1½		1-1	367	
Do Passage at Do	12	5-0		1-1	65	
Verandah Posts	59	2-0		5-9	679	
Capo over do	59	3-0		0-6	89	
Bressummer in front	1	224-0		1-6	336	
Do in rear	2	69-0		1-6	177	
Do Courtyard	1	62-0		1-6	93	
Rafters in front, rear & court yards	133	11-6		1-1	1657	
Hip rafters	10	15-0		1-5½	219	
Jack rafters	12	8-6				
"	12	6-0				
"	12	3-6		1-1	383	
"	12	5-6				
"	12	6-0				
Eave plantio in front Verandah	1	227-0		1-3	284	
Do in rear.	2	63-0		1-3	158	
Do in courtyard	1	71-0		1-3	89	
Do around main roof	1	342-0		1-3	428	
18 ft Truss Principal rafters	18	11-0		1-6	281	
" Do Block on head of truss	9	2-6		1-3	28	
16 ft. Truss. Principal rafters	10	9-6		1-3	119	
Block on head of truss	5	2-6		1-3	16	
Eave board around Police guard, record room & wards	1	199-6		1-3	249	
				Carried Over	8076	

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					8,076	
Lane board around main roof in front of Police guard, arms and wards.	1	114·6		1·3	143	
Barge boards to courts and other end gables.	8	30—0		1·7	380	
Additional pieces	32	1·6		1·7	76	
Do at top.	8	3—0		1·7	38	
Recess to Verandah roof.					1681	
Ceiling planks outside					7596	
Total Superficial					17990	
Painting wood work which is hidden by ceiling planks not reckoned upon abstract						
Courts. Purlins	2X2	29—0		1·5½	169	
Wall Do	2X2	24—0		1·0	96	
Ridge beams	2X1	29—0		1·7	92	
Do at sides	2X2	5-6		1·7	35	
Common rafters	2X22	13·0		0·10½	429	
Do Small	1	245—0		0·10½	209	
Hip rafters.	2X4	9·0		1·3	90	
Cashier & clerks room large.						
Purlins	2	38—0		1·7	120	
Wall purlins	2	38—0		1·0	76	
Ridge beam	1	38—0		1·7	60	
Common rafters	40	13—0		0·10½	444	
Carried Over					1,880	

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E. 120.
5,000—6-6-96.

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					1,880	
Station records, Inspectors, passage, Treasury and Head Accountants & clerks rooms.						
Purlins	2	36·9		1·7	116	
Do	2	33·9		1·7	107	
wall purlins in front	2	36·9		1·5	104	
Do in rear	2	30—0		1·5	85	
Ridge beams	1	36·9		1·7	58	
Do	1	33·9		1·7	53	
Do to meet the roof of records rooms.	2	5—0		1·7	16	
Common rafters	2X28	13·0		1·10½	622	
do Small	1	124-6		0·10½	106	
Hip rafters	4	9·0		1·3	45	
Private rooms.						
Purlins	2X2	13—0		1·8½	88	
Wall purlins	2X2	13—0		1·0	52	
Ridge	2X1	13—0		1·7	41	
Common rafters	2X14	13—0		0·10½	311	
Record room Purlins	1	53-6		1·6½	81	
Do	1	47·0		1·6½	72	
Do Cross	1	13·0		1·6½	20	
Wall purlins	1	60—0				
	1	43—0		1·3	149	
	1	16—0				
Ridge beam	1	52—0		1·6½	80	
Do at sides	1	8		1·6½	12	
Carried Over					4,093	

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.					4093	
Common rafters.	45	12·6		0·9½	437	
Jack do.	1	84·0		0·9½	65	
Valley do	2	16·0		1·3	40	
Male wards & passage at back						
Common rafters	34	12—		1·1	442	
Collar piece large	17	14·3		1·4	323	
Do Small	17	8·6		1·2	169	
Police guard, arms, Male and Female wards.						
Common rafters, front	23	11·6		1·1	287	
Do rear including Jack rafters	27	12·6		1·1	366	
Collar piece large for Male wards, arms & Police guards & rooms	23	14·3		1·4	437	
Do Small do.	23	8·6		1·2	228	
Jack rafters	1	84—		1·3	105	
Ridge piece	1	10·6		1·4	14	
Hip & Valley rafters	2	15—		1·5½	44	
Teak rafters.					3,666	
Ceiling planks inside					7,596	
				Total Cub ft.	18,317	

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E. 120.
5-1,000—6-6-96.

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 wood turned pails for Dais	2	23—			46	Rft.
Masonry drain pan inside of Court yard to the nearest nullah or side drain of the road.			2 ft.			Rs 20/-
Iron gratings to the above.						No 2
Providing kutch in the rear wall of Jack ward with a small pucka drain running along the line of the rear wall & connected with the nearest main drain Vide Chief Engineers memo No 631 C dt 1st January 1897						Rs 30.
Teak wood punkahs 10 ft long with brown holland fringes, brass wheels, hooks, & other fittings including suspendors & pulleys ropes &c Complete.						No 2
Masonry receptacles in Treasury for holding Cash Chest					L.S.	Rs 20.

ESTIMATE FORM.—Detail Measurements.

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

ESTIMATE FORM.—Abstract.

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Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
27,826 cft	Excavation for foundation	4-10-0	1000 cft	129	
11,372 "	Concrete.	14-0-0	100 cft	1592	
15,510 "	Foundation and basement with Stack bricks in chunam.	19-8-0	"	3024	
22,218 "	Superstructure do do	20-8-0	"	4556	
822 "	Segmental archwork do do	22-8-0	"	185	
150 "	Circular do do	23-8-0	"	35	
452 "	Cut Stone work	2-0-0	cft.	904	
750 Sft.	Cuddapah Slabs for Ventilators including fixing & pointing with cement.	24-8-0	100 Sft.	184	
1600 cft	Teak wood wrought & put up	3-8-0	cft.	5600	
7596 Sft.	Teak wood ceiling planks 1" thick	22-0-0	100 Sft.	1759	
1797 lbs	Lead Sheeting for Valleys	0-3-0	lbs	337	
72 Rft.	Semicircular 8" Zinc gutter.	0-9-0	Rft.	41	
204 Rft	Down fall pipes 3" Diameter	0-5-0	"	38	
847 lbs	Wrought Iron work for trusses	0-3-0	lbs	159	
16,654 Sft.	Roofing with Mangalore tiles including teak reepers.	18-0-0	100 Sft.	2818	
1867 "	Terraced ceiling with bricks on edge Jelly 3" thick 2 coats of plastering on top + at ceiling.	18-0-0	"	336	
	Carried Over			21,696	

Grand Total of Estimate ..

STATION_____

Date_____189 .

Executive Engineer.

(E. No. 1.3.)

50,000—6-1-26.

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.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward.			21696	
612	Sqft. Teak wood panel and Venetian doors with frames hinges, hooks and other fittings complete.	1-1-0	Sqft.	650	
217	" Teak panel doors with frames hinges & other fittings complete.	0-14-0	"	190	
201	" Iron grated doors with frames strong iron fastenings complete	1-13-0	"	364	
60	" Teak wood Strong batten doors with frames iron fastenings complete.	1-0-0	"	60	
264	" Teak wood Venetian windows with glazed shutters inside, frames ~~2~~ hinges, hooks bolts & other fittings complete.	1-13-0	"	479	
70	" Teak wood Venetian windows with glazed top complete.	1-2-0	"	79	
48	" Iron grated windows	1-13-0	"	87	
24	" Teak wood batten windows with frames iron bars & other fittings complete.	1-6-0	"	33	
231	" Teak wood Venetian windows with glazed top frames iron bars and other fittings complete	1-12-0	"	404	
	Carried Over			24042	

Grand Total of Estimate ..

STATION———————

Date———————189 .

Executive Engineer.

(E. No. 123.)

50,000-16-1-96.

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.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			24042	
54 Sqft	Iron grated gate shutters complete	1-12-0	Sqft	98	
36 "	Do Do Do with small wickets at bottom for the passing of Money.	1-14-0	"	68	
64 "	Fixed glazed Ventilators with frames complete.	0-12-0	"	48	
6 "	Fixed wire netting with frames and iron bars complete.	0-12-0	"	5	
306 "	Fixed Ventilators with wire netting without iron bars.	0-4-0	"	77	
60 "	Fixed iron barred Ventilators leaded in Stone blocks as per details shown on plan	2-8-0	"	150	
12,186 Cft	Filling in basement.	3-0-0	1000 Cft	37	
8693 Sft	Leading course of Concrete 6" thick under flooring	7-0-0	100 Sft	609	
7928 "	Flooring with 8" Sqre bricks in Chunam pointed with P. Cement	7-3-0	"	570	
1938 "	Flooring with asphalte 2" thick well rubbed over.	21-0-0	"	407	
23548 "	Plastering interior with 2 Coats of Chunam polished.	2-8-0	"	589	
	Carried Over			26700	

Grand Total of Estimate ..

STATION—

Date—189 .

Executive Engineer.

(E. No. 123.)

50,000—6-1-96.

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.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			26700	
10909 Sft	Painting Exterior with prepared lime mortar.	1·8·0	100 Sft	164	
5162 "	Painting doors and windows with 3 coats of Carsons Oak paint	2·12·0	"	142	
17990 "	Painting wood work with 3 coats of zinc white paint.	2·12·0	"	495	
18317 "	Do Do with 1 coat do	1·1·0	"	195	
46 Rft	Teak wood turned rails for Dais.	1·0·0	Rft	46	
	Cost for Masonry drain from inside of court yard to the nearest Nullah or side drain of the road.		LS.	20	
2 No	Iron gratings to the above.	0·8·0	Each	1	
	Cost of providing Exit in the rear wall of each ward with a small pucka drain running along the line of the rear wall & connected with the nearest main drain		LS.	30	
2 No.	Teak wood punkahs complete with brown holland fringes, brass wheels hooks and other fittings				
	Carried over			27193	
	Grand Total of Estimate ..				

STATION——————

Date——————189 .

Executive Engineer.

(E. No. 103.)

50,000—6-1-96.

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.

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward			27793	
	fittings including suspenders & pulling ropes &c complete.	20 ..	each	40	
	Masonry receptacles in Treasury for holding Cash Chest	L.S.		20	
					27,853
	Contingencies @ 5%			1392	
	Petty Supervision @ 2½%			695	
					2,087
	Grand Total of Estimate ..				29,940

STATION Chepauk

Date 29th April 1897

[illegible]

Consulting architect to Govt ~~Executive Engineer.~~

(E. No. 133.)

50,000—6-1-96.

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—1st Class Jail Offices according to sheet No 1 Issued with G.O. No 3085 W dt 1st December 1894. Mangalore tiled roofing & terraced ceiling for the Sub Jail wards & Inst Surg.

Amount of Estimate, Rs.—29,946/-

To be carried out by—P.W.D.

OW 5·3
42444 (7)

REFERENCES.

2830

Report and Specification to accompany the Estimate for Revised Standard design for 1st Class Jailor Offices with tiled roofing and Terraced roofing for the Sub Jail wards &c according to Sheet No 1 of Sections signed by the Consulting Architect to Government on the 17th July 1894 issued with G.O. No 3085 W dated 1st December 1894.

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

Stone work. Six 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 & 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 & windows to be of seasoned Burma teakwood. All door

opening

opening into Verandahs will be of 1/3 panel and 2/3 Venetians. Inner doors to be panelled throughout. Iron grated door to be provided between the Treasury and Cashiers 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 about 6 inches between each. The back of the Ventilators will have galvanized iron wire netting 1/2 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 pantiles if the Quality of these are good; the usual unsightly "chunam bands" might be dispensed with. All valleys should be protected with sheet lead. The roof of the Sub Jail wards will consist of pucka terracing, care should be taken that proper slopes are made for drainage towards the weep holes. The treasury room will have a doubled roof of terracing below and tiled over as shown

2958

shown on Section J.J.

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 with prepared lime mortar. In damp soil the plinth and interior walls to a height of say 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, 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 AB and doors CD. The doorways CD in the Cashiers room will be fitted, inside with iron grated gate shutters with small opening at the bottom for the passing of money

&c

so as to avoid crowding of persons having transactions with the Treasury Vide G.O. No 1417. W dated 7th June 1894.

A Small pit to be provided in the rear wall of each Jail ward, with a small pucka drain running along the line of the rear wall and connected with the nearest brain drain, Vide Chief Engineers Memo No 631C dated 4th February 1897.

The different kinds of work to be done will be executed in general accordance with Standard Specification of the Public Works Department

Sd David —

Consulting Architect to Govt

8

Tiled roofing and terraced roofing for the Sub jail wards —

30

E. 120.
50,000—6-6-96.

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	6-0	3,680	
Dais for do —	2	17-6	2-0	0-9	53	
Do steps —	4	4-6	2-0	0-9	27	
Cashiers and clerks rooms — walls four sides —	1	113-0	4-0	5-0	2,260	
Do — Cross walls —	1	15-6	4-0	5-0	310	
Front & rear walls between cashiers clerks do and Courts —	4	35-9	4-0	5-0	2,860	
Do Do of private rooms —	4	12-6	4-0	5-0	1,000	
End & cross walls —	6	15-6	4-0	5-0	1860	
Partition wall between station record rooms —	1	6-9	3-7½	5-0	122	
Police Guard, arms rec & 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	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	
Court yard 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	
	1	19-6	2-3	0-9	33	
Do — for yard —	1	5-3	1-3	0-9	5	
					Total Excavation cft.	27,826

Dwg-4
42444/97

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-						
Court walls, four sides	2	92-0	4-0	2-0	1,472	
Dais	2	19-6	2-0	0-9	59	
Do Steps	4	4-6	2-0	0-9	27	
Cashiers and clerks room walls, four sides	1	113-0	4-0	2-0	904	
Do - Cross walls -	1	15-6	4-0	2-0	124	
Front + rear walls between Cashiers Clerks do and Courts.	4	35-9	4-0	2-0	1,144	
Do - Do of Private rooms -	4	12-6	4-0	2-0	400	
End and cross walls -	6	15-6	4-0	2-0	744	
Partition wall between Station record rooms	1	6-9	3-7½	2-0	49	
Police guard, armst^rs and record room walls, three sides	2	136-6	4-0	2-0	2,184	
Male words at back -	2	33-0	4-0	2-0	528	
Cross walls -	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	
Court yard Verandah all round	1	58-6	3-6	2-0	410	
Steps -	2	20-6	3-3	0-9	100	
	2	20-0	3-3	0-9	98	
	1	19-6	3-3	0-9	48	
Do - at Court yard	1	6-0	2-3	0-9	10	
		Total Concrete cft.			11,372	

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E.*120.
50,000—6-6-96.

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
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 Cashiers Clerks 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 -	6	16-9	2-9	1-6	415	
Partition wall between Station record rooms	1	8-0	2-4½	1-6	29	
Police guard, armst^rs 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 -	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	
Court yard Verandah all round	1	59-9	2-3	1-6	202	
Above footings to ground back -						
Court walls, four sides -	2	92-0	2-0	1-6	552	
Cashiers and clerks room walls, four sides	1	113-0	2-9	1-6	339	
Cross walls of Do -	1	17-6	2-0	1-6	53	
Carried Over -					6,657	

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 forwards					6657	
Front and rear walls between Cashiers clerks do and courts	4	37-9	2-0	1-6	453	
Do Do of Private rooms	4	12-6	2-0	1-6	150	
End and cross walls	6	17-6	2-0	1-6	315	
Partition wall between Station & record rooms	1	8-9	1-7½	1-6	21	
Police Guard, arms and record room walls, three sides	2	138-6	2-0	1-6	831	
Male wards at back	2	35-0	2-0	1-6	210	
Cross walls	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	
Court yard Verandah	1	60-6	1-6	1-6	136	
Basement.						
Court walls, four sides	2	92-0	2-0	2-0	736	
Dais for Do	2	19-6	1-6	2-0	117	
Do Steps	4	4-6	2-0	2-0	72	
Cashiers & Clerks room walls, four sides	1	113-0	2-0	2-0	452	
Cross walls Do	1	17-6	2-0	2-0	70	
Front & rear walls between Cashiers clerks Do and courts	4	37-9	2-0	2-0	604	
Do Do of Private rooms	4	12-6	2-0	2-0	200	
End & cross walls	6	17-6	2-0	2-0	420	
Partition wall between Station record rooms	1	8-9	1-7½	2-0	28	
Carried over					12527	

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E. 120.
50,000—6-6-96.

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 forwards					12527	
Police Guard, arms & record room walls, three Sides	2	138-6	2-0	2-0	1108	
Male wards at back	2	35-0	2-0	2-0	280	
Cross walls	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	
Court yard Do	1	60-6	1-6	2-0	182	
Steps 16 ft. long	2	16-0	1-0	0-6	16	
"	2	18-0	2-0	0-6	36	
"	2	20-0	3-0	0-6	60	
Do 15½ ft. long	2	15-6	1-0	0-6	16	
"	2	17-6	2-0	0-6	35	
"	2	19-6	3-0	0-6	59	
Do 15 ft long	1	15-0	1-0	0-6	8	
"	1	17-0	2-0	0-6	17	
"	1	19-0	3-0	0-6	29	
Do in Court yard 6 ft. long	1	6-0	1-0	0-6	3	
"	1	6-0	2-0	0-6	6	
						15,789
Deductions.						
Stone slabs on top of Steps, 16 ft. long	2	20-0	3-3	0-5½	60	
Do Do 15½ ft "	2	19-6	3-3	0-5½	58	
Do Do 15 ft "	1	19-0	3-3	0-5½	28	
Do Do 6 ft "	1	6-0	2-2	0-5½	6	
Stones under ports let into basement 3"	59	1-0	1-0	0-3	15	
Carried over					167	

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
Deduction Cont'd Brought forward					167	15,789
Sill stones.						
for outer door ways	16	5-6	1-6	0-6	66	
Inner Do	4	5-6	1-6	0-6	17	
Do Do	2	5-0	1-6	0-6	8	
Do for Treasury	1	7-0	0-9	0-6	3	
Do for Jail wards	6×2	1-3	0-10½	0-6	5	
Property & Arms rooms	2	5-0	1-6	0-6	8	
For gates at Passage and Police guard	2×2	1-3	1-6	0-6	4	
Do	2	0-9	0-9	0-6	1	
					279	
Total Deduction					277	279
Net qty						15,510
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 in front & rear	2×2	21-0	1-6	3-6	441	
Do Sides & other places	5	9-10½	1-6	1-10½	139	
Cashiers & clerks room walls four Sides	1	113-0	1-6	18-7½	3,157	
Cross wall 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	3,586	
Do Private room	4	12-6	1-6	15-7½	1,172	
Carried over					14,571	

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E. 120.
50,000—6-6-96.

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					14,571	
End & cross walls of Private, head accountants, Clerks & ca rooms.	6	18-0	1-6	15-7½	2,531	
Gables & 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, wards & arms Wards	1	210-0	1-6	13-0	4,095	
Parapet walls over Do	1	210-3	1-3	1-0	263	
Cross walls	6	16-0	1-1½	13-0	1,404	
Binding walls over do	6	16-3	1-1½	1-0	110	
Record room walls	1	139-0	1-6	13-3	2,763	
Gable at End of do	1	19-0	1-6	3-6	100	
Property rooms in Verandah	1	19-6	1-6	8-0	234	
Do	1	7-3	1-6	10-0	109	
String Course over Gothic Windows to Private room	2	5-10				
Do Record room	15	3-5				
Do Do	1	5-10				
Do Ventilators	20	4-9				
Do Do	16	4-9				
		239-9	0-3	0-3	15	
						27,020
Deductions.						
Outer door ways in Courts & Clerks & ca rooms	16	4-6	1-6	8-6	918	
Inner do Do	4	4-6	1-6	8-6	230	
Do Do	2	4-0	1-6	8-0	96	
Carried over					1244	

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					1244	
Inner door between treasury & Cashier's rooms	1	4-6	1-6	9-0	67	
Do Jailwards	5	4-0	1-6	8-0	240	
Do & Arms room	1	4-0	1-6½	7-6	34	
Do & Property room	1	4-0	1-6	7-6	45	
Do Passage front & rear	2	4-0	1-6	8-6	102	
Arch ways & Police Guard room	3	5-0	1-6	5-6	124	
Semi circular portion do	3	9.10	area	1-6	41	
Do & Passage at back	1	6-0	1-6	8-6	64	
Do in Clerks rooms	2	10-0	1-6	7-0	210	
Do Semi circular portion	2	39-3	area	1-6	118	
Windows -						
In Courts & rooms	11	4-0	1-6	6-0	396	
In Private rooms	2	4-0	1-6	8-9	105	
In Treasury	2	4-0	1-6	6-0	72	
In Arms room	1	4-0	1-6	6-0	36	
Recess & Windows above	16	4-0	0-9	3-0	144	
Windows in Record room	15	2-0	1-6	6-3	281	
Recess & Do	15	2-0	0-9	3-0	68	
Window at end of Do	1	4-0	1-6	7-6	45	
Recess & Do	1	4-0	0-9	3-0	9	
Window in Property room	2	2-0	1-6	3-3	20	
Recess & Do	2	2-0	0-9	3-0	9	
Ventilators & Courts, rear	4	4-0	1-6	4-0	96	
Do Do and Clerks & rooms, front & rear	20	4-0	1-6	1-6	180	
Carried over					3744	

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E. 120.
5,000—6-8-96.

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					3744	27020
Ventilators, large	12	4-0	1-6	4-0	288	
Do for Jailwards	10	4-0	1-6	1-6	90	
Stoves for Treasury door	4	1-3	0-11	0-6	2	
Do Jailwards	6x3	1-3	0-10½	0-6	8	
at recess of Padlocks	5	3-0	1-6	1-6	34	
To Gate passage & Police Guard	2x2	1-0	0-11	0-6	2	
Do Do for Iron doors at C & D	2x4	1-0	0-11	0-6	4	
For Windows in Treasury	2x4	1-3	0-11	0-6	5	
For Ventilators in Jailwards	10x4	1-0	1-6	0-9	45	
Bed plates under trusses, Courts	8	1-6	1-6	0-4	6	
Do in clerks and Head accountants rooms	10	1-6	1-6	0-4	8	
Do In record room	10	1-6	1-6	0-4	8	
Do Wards & Guard rooms	8	1-6	1-6	0-4	6	
Arch work as per Details					972	
Total deduction cft						5222
Net Superstructure cft						21,798
Segmental archwork -						
Over doors in the courts & clerks rooms	16	5-6	1-6	1-1½	149	
" Inside Do	4	5-6	1-6	1-1½	37	
" Do Do	2	5-1½	1-6	1-1½	17	
" Do Do in Treasury	1	5-6	1-6	1-1½	9	
" Wards, Arms & Property rooms	7	5-1½	1-6	1-1½	61	
" Passage, front & rear	2	5-1½	1-6	1-1½	17	
" Do at back	1	6-0	1-6	1-1½	10	
Carried over					300	

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					300	
Segmental arch work Cut'd.						
Over Windows— Courts & Ca" rooms	16	5–1½	1–6	1–1½	138	
" Record room	15	3–1½	1–6	1–1½	79	
" Property room	2	3–0	1–6	0–9	7	
" Record room at End	1	5–1½	1–6	1–1½	9	
over Ventilators— Large & Small	36	4–9	1–6	1–1½	289	
Total Arch work— cft						822
Circular arch Work—						
Over archways in Clerks & Head accountants rooms	2	18–0	1–6	1–6	81	
" Do & Police guard room	3	10–3	1–6	1–6	69	
Total cft						150
Cut stone Work—						
Stones for sills of doorways (outer)	16	5–6	1–6	0–6	66	
Do Do (Inner)	4	5–6	1–6	0–6	17	
Do Do do	2	5–0	1–6	0–6	8	
Do Do— Treasury	1	7–0	0–9	0–6	3	
Do Do Do	4	1–3	0–11	0–6	2	
Do Do— Jail wards	5x5	1–3	0–10½	0–6	14	
Do Do at receivers for Padlocks	5	3–0	1–6	1–6	34	
Do Do Property & arms rooms	2	5–0	1–6	0–6	8	
Carried over					152	

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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
Cut stone Work Cut'd— Brought forward					152	
Stones b gates at passage & Police guard	2x2	1–3	1–6	0–6	4	
Do Do	2	0–9	0–9	0–6	1	
Do Do	2x2	1–0	0–11	0–6	2	
Do— Iron doors at C & D	2x4	1–0	0–11	0–6	4	
Do— Windows in Treasury	2x4	1–3	0–11	0–6	5	
Do Ventilators of Jail wards	10x4	1–0	1–6	0–9	45	
Bed plates for Nurses, Courts	8	1–6	1–6	0–4	6	
Do— Clerks & Head accountants rooms	10	1–6	1–6	0–4	15	
Do Record room	10	1–6	1–6	0–4		
Do Wards & Police guard rooms	8	1–6	1–6	0–4	6	
Stones b steps 16ft span	2	20–0	3–3	0–5½	60	
" Do 15½ft do	2	19–6	3–3	0–5½	58	
" Do 15ft do	1	19–0	3–3	0–5½	29	
" Do in Court yard	1	6–0	2–2	0–5½	6	
Do for Posts including the portion (3") fabric to bear	59	1–0	1–0	1–0	59	
Total Cut stone work cft						452
Cuddappa slabs 2" thick—						
Ventilators large to Courts, Cashiers & Clerks rooms	12x5	5–0	1–6		450	
Do— Small	(20x2)	5–0	1–6		300	
Total sq ft=						750

N.B. Where Cuddappah slabs are not easily available, Mangalore tile louvres may be used as per plan circulated with G.O. No. 170 C.D. 11–1–96.

E. 120.
5,000—6-6-96.

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 wood wrought & put up—						
Courts & Clerks rooms—						
9 Trusses of 18 ft. Span—						
Tie beams	9	21—0	0—4	0—7½	39	
Principal rafters—	9×2	12—0	0—4	0—6½	39	
Struts	9×2	5—6	0—4	0—4	11	
Blocks on heads of trusses	9	1—3	0—6	0—9	4	
Courts.						
Purlins including overlapping	2×2	33—0	0—5	0—7	32	
wall Do — Do —	2×2	16—0	0—3	0—7	14	
Do Do —	2×2	8—6				
Ridge beams	2×1	33—0	0—3	0—8	11	
Do — at sides	2×2	5—6	0—3	0—8	4	
Common rafters at 1½ ft from Centre to Centre	2×2	6—14—0	0—3	0—4	61	
Do —	2×4	12—6	0—3	0—4	8	
Do	2×4	10—6	0—3	0—4	7	
Do	2×4	8—6	0—3	0—4	6	
Do	2×4	6—6	0—3	0—4	4	
Do Centre	2×2	6—0	0—3	0—4	2	
Valley rafters at sides	2×4	9—6	0—3	0—6	10	
Jack rafters—	2×4	6—0	0—3	0—4	4	
Do—	2×4	4—0	0—3	0—4	3	
Do—	2×4	2—6	0—3	0—4	2	
Cashiers & Clerks rooms large—						
Purlins including overlapping —	2	43—6	0—5	0—7	21	
Wall do— do—	2	43—6	0—3	0—7	13	
Carried over					295	

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E. 120.
5,000—6-6-96.

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					295	
Ridge beam—	1	43—6	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 including overlapping—	2×2	41—3	0—5	0—7	32	
Wall do— in front—	2×1	41—3	0—3	0—7	12	
Do Do in rear	1	41—3	0—3	0—7	6	
Do Do Do—	1	28—6	0—3	0—7	4	
Do Do Do—	1	5—6	0—3	0—7	1	
Ridge beams.	2×1	41—3	0—3	0—8	14	
Do to meet the roof of Record room—	1	5—6	0—3	0—8	1	
Common rafters, front & rear—	98	14—0	0—3	0—4	114	
Do Do— Jack—	2	12—6				
Do Do	2	10—6				
Do	2	8—6				
Do—	2	6—6				
Do Centre —	2	6—0				
Do —	2	6—0				
Do	2	4—0				
Do	2	2—6				
		113—	0—3	0—4	9	
Valley rafters at sides	2	9—6	0—3	0—6	2	
Private rooms.						
Purlins including overlapping—	2×2	15—6	0—5	0—7	15	
Wall do— Do	2×2	15—6	0—3	0—7	9	
Ridge do— do—	2×1	15—6	0—3	0—8	5	
Carried over					594	

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			594	
Common rafters -	2×20	14-0	0-3	0-4	47	
Record room -						
Five trusses of 16 ft span.						
Tie beams	5	19-0	0-4	0-6	16	
Principal rafters	5×2	10-0	0-4	0-5½	15	
Struts	5×2	4-9	0-4	0-4	5	
Blocks on heads of trusses	5×1	1-3	0-6	0-9	2	
Purlins including overlapping	2	67-0	0-4	0-6	22	
Wall purlins -	2	67-0	0-3	0-6	17	
Ridge beam do -	1	67-0	0-3	0-7	10	
Common rafters -	73	13-6				
Do at terraced portion	11	12-6				
		1123	0-2½	0-4	78	
† Beams & Joists for terraced roof for Treasury, Police Guard, Arms rooms & Wards -						
Beams for Wards & Police Guard rooms	4	18-6	0-10½	1-2	76	
Treasury Joists to 18" from Centre to Centre -	13	11-6	0-3	0-6½	20	
Police Guard room Do -	12	17-3½	0-3	0-5	22	
Arms room	12	11-1½	0-3	0-6½	18	
Wards -	12	16-1½	0-3	0-5	20	
Female Wards -	2×12	8-7½	0-3	0-5	22	
Male Wards & Passage, back -						
Joists 18" from Centre to Centre -	12	37-6	0-3	0-5	47	
Wall plates to Treasury	2	19-0	0-4	0-3	3	
Do Police Guard Arms & Store rooms	6	17-0	0-4	0-3	9	
Do - Male Wards & Passage -	4	17-0	0-4	0-3	6	
		Carried over			1049	

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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			1049	
Verandah.						
Posts -	59	6-0	0-6	0-6	89	
Caps over posts -	59	1-0	1-0	0-6	30	
Breastsummers in front -	1	230-0	0-6	0-6	58	
Do in rear	2	62-0	0-6	0-6	31	
Do in Courtyard -	1	65-0	0-6	0-6	16	
Rafters in front Verandah	106	12-3	0-3	0-5	135	
Do in rear do -	2×29	12-3	0-3	0-5	74	
Do Court yard	52	12-3	0-3	0-5	66	
Hip and Valley rafters -	10	16-6	0-3	0-6	21	
Jack rafters in front -	12	10-6	0-3	0-5	13	
Do Do	12	8-9	0-3	0-5	11	
Do Do	12	7-0	0-3	0-5	9	
Do Do	12	5-3	0-3	0-5	7	
Do Do	12	3-6	0-3	0-5	4	
Do Do -	12	2-3	0-3	0-5	3	
Do Joining Valley rafters -	2	2-3				
"	2	3-6				
"	2	7-6				
"	2	9-6	0-3	0-5	7	
"	2	6-3				
"	2	4-3				
"	2	1-9				
Court yard. Jack rafters -	4	10-6	0-3	0-5	4	
Do	4	8-9	0-3	0-5	4	
Do	4	7-0	0-3	0-5	3	
Do	4	5-3	0-3	0-5	2	
Do ———	4	3-6	0-3	0-5	1	
Do ———	4	2-3	0-3	0-5	1	
		Carried over			1628	

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					1628	
Wall plates in front including overhang	1	188-0	0-3	0-3	12	
Do [illegible]	2	43-6	0-3	0-3	5	
Do Court yard	1	115-0	0-3	0-3	7	
Do Property room	1	19-0	0-3	0-3	1	
Rave planks to Verandah	1	227-0	0-1	0-7	11	
Do Do in rear	2	63-0	0-1	0-7	6	
Do Court yard	1	71-0	0-1	0-7	3	
Do around main roof	1	342-0	0-1	0-7	17	
Do Record room	1	108-0	0-1	0-7	5	
Barge boards to Courts & other End gables	8	30-0	0-1	0-9	15	
Do to Record room	1	26-0	0-1	0-9	2	
& Additional pieces to above	36	1-6	0-1	0-9	3	
Do at top	9	3-0	0-1	0-9	2	
Total c/ft						1717
Wrought iron work.						
1" Dia. King rod for 18 ft trusses	9	8-6 = 76-6	× 2-62 =		200	lbs.
1" Hex. Nuts & heads to do	9		× 1-10 =		10	"
3" Dia. 1/8" thick Washers	27	7-068 × ·125 = 23-85	× ·028 =		7	
1½" × ½" Heel Straps	18	3-4 = 60	× 2·05 =		150	
1½" × ½" Bearing plates	18	0-6¾ = 10-125	× 2-5		25	
⅞" Hex. Nuts	36		× ·267		10	
Caps of ⅜" plates, 6" wide	9	1-4 = 12	× 7-51		90	
7/8" Dia. King rod for 16 ft trusses	5	7-6 = 37-6	× 2-01		75	
7/8" Dia. Hex. nuts & heads to do	5		× 0-73		4	
3" Dia. 1/8" thick washers	15	7-068 × 0-125 = 13-25	× 0-28 =		4	
Carried over					575	

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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					575	
1½" × ⅜" Heel Straps	10	2-6 = 25-0	× 1-87		47	
1½" × ⅜" Bearing plates	10	0-6¾ = 5-63	× 1-87		11	
⅞" Hex. nuts	20		× 0·267		5	
Caps of ⅜" plates, 6" wide	5	1-4	6·67	× 7-51	50	
Pin for posts ¾" Dia.	59	1-3 = 73·75	× 1·476		109	
Holding down bolts at End of each truss, ½" Diameter	28	1-4 = 37-33	× 0·656		24	
Heads & nuts to do	28		× 0·128		4	
3" Dia. ⅛" thick washers for holding down bolts & posts	87	7·068 × ·125 = 76·86	× ·28		22	
Total lbs.						847-
Tiled roofing with flat and pan tiles including teak reepers—						
Courts	2	32-0	29-0		1856	
Cashiers & clerks rooms	1	42-6	29-0		1233	
Station records, Inspectors, passage, treasury, Head accountants & clerks rooms	2	38-3	29-0		2219	
Private rooms	2	14-6	29-0		841	
Record room	1	63-6	27-6		1746	
Verandah in front	1	207-0	11-6		2381	
Do in rear	2	52-0	11-6		1196	
Do in Court yard	1	92-6	11-6		1064	
Total Sq ft						12536-

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
Terraced roofing—						
Treasury	1	11—0	19—0		209	
Police Guard, arms & Wards—	1	61—0	17—0		1037	
Male wards at back—	1	36—6	17—0		621	
			Total Sqft—			1867—
Cornice work—						
In front and rear of Police Guard, Arms & Wards—				Rft		196.
Doors—						
Teak panel and Venetian doors with frames &ca—	16	4—6		8—6	612	
			Total Sqft			612
Teak panel doors with frames (Inner doors)	4	4—6		8—6	153	
Do Do	2	4—0		8—0	64	
			Total Sqft			217—
Iron grated door to Treasury	1	4—6		9—0	41	
Do to Jailwards—	5	4—0		8—0	160	
			Total Sqft			201
Teak strong batten doors with frames to Arms & Property rooms	2	4—0		7—6	60	60

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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—						
Venetian windows with glazed Shutters inside, frames, hinges, hooks, bolts and other fittings complete—	11	4—0		6—0	264	
			Total	Sqft		264.
Do— Do— with glazed top & private rooms—	2	4—0		8—9	70	
				Total	Sqft	70
Iron grated windows, iron fastenings complete to Treasury	2	4—0		6—0	48	
				Total	Sqft	48
Batten Windows with frames, iron bars & fittings complete to Arms room	1	4—0		6—0	24	24
Venetian Windows with frames, glazed top, iron bars and fastenings &ca for record room	15	2—0		6—3	188	
Do Do at End—	1	4—0		7—6	30	
Do— Do to Property room	2	2—0		3—3	13	
			Total	Sqft	—	231
Iron grated gate shutters for Police Guard	1	5—0		6—0	30	
Do to Passage at A	1	4—0		6—0	24	
				Total	Sqft	54

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
Iron grated gate shutters with small Wickets at bottom to the fixed inside of the doors C & D in the Cashier's room to receive remittances and to make payments - Vide G.O. No. 1417 D/7th June 1894 -	2	4-6		4-0	36	
			Total Sqft -			36
Ventilators -						
Ventilators with fixed glazed Shutters, frames &c. for Courts at back -						
(Vide G.O. No. 3084 W D/2nd Dec. 1895)	4	4-0		4-0	64	
			Total Sqft			64
Ventilators with fixed wire netting (½" mesh) and iron bars, frames &c. for Treasury in front -	1	4-0		1-6	6	6
Ventilators with wire netting (½" mesh), frames &c. without iron bars -	12	4-0		4-0	192	
	19	4-0		1-6	114	
			Total Sqft			306
Iron barred Ventilators leaded in Stone blocks as per details shewn on plan for Jailwards -	10	4-0		1-6	60	
			Total Sqft			60.

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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
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	632	
Head accountants room -	1	15-6	17-6	1-6	407	
Clerks room Larg	1	23-6	17-6	1-6	617	
Cashiers room	1	9-6	17-6	1-6	249	
Treasury	1	9-6	17-6	1-6	249	
Passage	1	4-0	17-6	1-6	105	
Inspectors room	1	9-6	17-6	1-6	249	
Station record rooms	2	8-9	7-11¼	1-6	208	
Private rooms	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	
Do	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	200-0	7-3	1-6	2,175	
Rear Do	2	49-0	7-3	1-6	1,066	
Court yard Do -	1	78-0	7-3	1-6	848	
			Total cft.			12,186

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
Levelling Course of Concrete 6" thick under floorings						
Courts	2	24-6	17-6		858	
Clerks room, small	1	20-3	17-6		354	
Head accountants room	1	15-6	17-6		271	
Clerks room, large	1	23-6	17-6		411	
Cashiers room	1	9-6	17-6		166	
Treasury	1	9-6	17-6		166	
Passage	1	4-0	17-6		70	
Inspectors room	1	9-6	17-6		166	
Station records	2	8-9	7-11¼		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 do	1	15-0	15-6		233	
Arms do	1	9-6	15-6		147	
Male Wards	1	14-6	15-6		225	
Do	2	13-7½	15-6		422	
Female Wards	2	7-0	15-6		217	
Passage	1	4-6	15-6		70	
Front Verandah	1	200-0	7-3		1,450	
Rear do	2	49-0	7-3		711	
Court yard do	1	78-0	7-3		566	
Do Do	1	24-6	26-3		643	
		Total Sqft				8,693

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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
Flooring with 8" Sqre 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 accountants room	1	16-0	18-0		288	
Clerks room, large	1	24-0	18-0		432	
Cashiers room	1	10-0	18-0		180	
Treasury	1	10-0	18-0		180	
Passage	1	4-6	18-0		81	
Inspectors 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 do	1	15-6	16-0		248	
Arms do	1	10-0	16-0		160	
Passage	1	5-0	16-0		80	
Front Verandah	1	203-0	9-0		1,827	
Rear Do	2	50-9	9-0		914	
Court yard Do	1	76-0	9-0		684	
Do Do	1	24-6	26-3		643	
Archways at A and B	2	4-0	1-6		12	
Doorways towards outside	5	4-0	0-6		10	
Recesses to Windows	16	4-0	0-9		48	
Do to Property room	2	2-0	0-9		3	
Archways to Police Guard and Passage	4	5-0	1-6		30	
Do to Head accountants room	2	10-0	1-6		30	
					7987	
Deduct for Posts	59	1-0	1-0		59	
				Net Sqft		7,928

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
Asphalting floor 3/4" thick-						
Record room.	1	60-0	16-0		960	
Window recess	1	4-0	0-9		3	
Do	15	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	
Doorways.	5	4-0	1-0		20	
			Total sq ft			1,938
Plastering interior-						
Courts-	2	86-0		18-7½	3,204	
Dais	4	7-0		1-6	42	
Clerks room, Large	1	84-0		18-7½	1,565	
Cashiers room.	1	56-0		18-7½	1,043	
Clerks room, Small	1	77-6		15-7½	1,211	
Head accountants room	1	68-0		15-7½	1,063	
Treasury	1	56-0		14-3	798	
Passage.	1	45-0		15-7½	703	
Inspectors room.	1	56-0		15-7½	875	
Station Records room	2	35-4½		15-7½	1,105	
Private rooms	2	58-0		15-7½	1,813	
Gables.	28	18-0		3-6	1,764	
Property room	1	18-0		12-0	216	
Do	1	18-0		8-6	153	
Do	2	7-3		10-3	149	
Record room	1	152-0		13-3	2014	
Police guard room	1	63		12-3	772	
Arms room	1	52-0		12-3	637	
			Carried over			19,127

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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					19127	
Male wards-	1	62-0	12-3		760	
Do at back	2	60-3		12-3	1476	
Female wards-	2	47-0		12-3	1162	
Passage	1	42-0		12-3	515	
Gables	2	16-0		3-2	101	
Parapet wall inside & top-	1	210-3		2-3	473	
Binding walls Sides & top	6	16-6		3-1½	309	
Door jambs & Soffits	20	21-6		1-1	466	
Do Do Treasury	1	22-6		1-6	34	
Do Do - Small doors-	2	20-0		1-1	43	
Do Do Property room-	1	19-0		1-1	21	
Do Do Arms room-	1	19-0		0-8½	13	
Do Do Wards	5	20-0		1-6	150	
Doorways & passage, front & rear	2	21-0		1-6	63	
Archways, Head Accountants room	2	29-9		1-6	89	
Do to Police Guard-	3	19-0		1-6	86	
Do Passage in rear	1	21-0		1-6	32	
Window Jambs & Soffits	12	16-6		1-1	215	
Do Treasury	2	16-0		1-6	48	
Do Private rooms.	2	21-6		1-1	47	
Do Property room	2	8-6		1-1	18	
Do Record room-	15	14-6		1-1	236	
Do in rear do-	1	19-0		1-1	21	
Do Recesses	2×34	0-9		3-0	153	
			Carried over			23648

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					25,648	
Ventilators, large, Jambs, soffits & Sills.	16	16—0		1—2	299	
Do Small Do	20	11—0		1—6	330	
Do Do Jailwards	10	7—0		1—6	105	
						26,382
Deductions.						
Doors	24	4—6		8—6	918	
Do	2	4—6		9—0	81	
Do	4	4—0		8—0	128	
Do	7	4—0		8—0	224	
Do	3	4—0		7—6	90	
Passage in front.	1	4—0		8—6	34	
Archways.	3	5—0		5—6	83	
Do	3	9-10	area		27	
Passage in rear.	2	4—0		8—6	68	
Do Head accountants room	4	10—0		7—6	300	
Do Do	4	39-3	area		157	
Do at back	1	5—0		8—6	43	
Windows	11	4—0		6—0	264	
Do	2	4—0		8—9	70	
Do	2	4—0		6—0	48	
Do	1	4—0		6—0	24	
Do	15	2—0		6—3	188	
Do	1	4—0		7—6	30	
Do	2	2—0		3—3	13	
Ventilators, Large	16	4—0		4—0	256	
Do, Small	30	4—0		1—6	180	
Total Deduction				Sqft		3226

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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
Pointing Interior—						
Basement all round—	1	577—0		2—0	1154	
Do Courtyard	1	101—6		1—6	162	
Courts, Front & rear including gables	4	21—0		22—1½	1859	
Sides	4	7—0		18—7½	522	
Do	4	10—0		2—0	80	
Cashiers and clerks room large—						
Front	1	38—6		18—7½	717	
Rear over roof	1	38—6		6—0	231	
Sides Do	2	21—0		3—0	126	
Head accountants, clerks, treasury, Inspectors & record room, Small—						
Front	2	38—3		15—7½	1195	
Rear	2	20—9		15—7½	648	
Do over roof	1	9—0		3—7½	33	
Privake rooms.						
Front and rear	4	12—6		15—7½	781	
Ends including gables.	2	21—0		19—1½	803	
Police guard, arms & Wards.						
Side & rear.	1	116—0		13—6	1566	
Record room, Side & rear	1	80—6		13—0	1047	
Gable	1	19—0		3—2	60	
Court yard Veraudah, all round	1	94—0		13—0	1222	
Rear of Record room	1	42—6		13—0	552	
Property room, rear.	1	19—6		8—0	156	
Do front.	1	8—9		10—0	88	
Parapet wall over walls of Police guard, Arms & Wards—	1	210—3		1—0	210	
					13202	

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
Deductions						13,202
Doors opening into Verandah	16	4-6		8-6	612	
Do in Property room	1	4-0		7-6	30	
Do in Jailwards	3	4-0		8-0	96	
Windows, front, rear and Police Guard rooms	12	4-0		6-0	288	
Do in Treasury	2	4-0		6-0	48	
Do in Private rooms	2	4-0		8-9	70	
Do in Record room	15	2-0		6-3	188	
Do in Rear	1	4-0		7-6	30	
Do in Property room	2	2-0		3-3	13	
Ventilators, large	16	4-0		4-0	256	
Do Small	30	4-0		1-6	180	
Archways to Police guard	3	36-60	area		110	
Do back passage	1	5-0		8-6	43	
Do Passage in front	1	4-0		8-6	34	
Total Deduction					Sqft	1998
Net Painting Sqft						11,204
Painting doors & Windows.					Times.	
Panel and Venetian doors	16	4-6	8-6	3¼	1989	
Panel doors	4	4-6	8-6	2¼	344	
	2	4-0	8-0	2¼	144	
Iron grated door with frames	1	4-6	9-0	1½	61	
Batten doors to Arms & Property rooms	2	4-0	7-6	2¼	135	
Iron grated doors to Jailwards	5	4-0	8-0	1½	240	
Carried over						2913

44

E. 120.
5,000—6-6-96.

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				Lines.	2913	
Venetian Windows	11	4-0	6-0	3½	924	
Do with glazed top to Private rooms	2	4-0	8-9	3½	245	
Iron grated Windows to treasury	2	4-0	6-0	1½	72	
Batten window with iron bars to Arms room	1	4-0	6-0	2¾	66	
Venetian Windows with glazed top & Iron bars to Record room	15	2-0	6-3	3½	656	
	1	4-0	7-6	3½	105	
Iron grated gate for Passage	1	4-0	6-0	1½	36	
Do	1	5-0	6-0	1½	45	
Do Cashiers room	2	4-6	4-0	1½	54	
Venetian Windows with glazed top and iron bars to Property room	2	2-0	3-3	3½	46	
Total Sqft						5,162
Painting wood work with 3 coats of Zinc white paint						
Glazed Shutters of Windows	11	4-0	6-0		264	
Ventilators, large	16	4-0		4-0	256	
Do Small	30	4-0		1-6	180	
9 Trusses 18ft. Span						
Principal rafters	18	11-0		1-5	281	
Struts	18	5-3		1-4	126	
Blocks on heads of trusses	9	2-6		1-3	28	
Tie beams	9	18-0		1-7	257	
5 Trusses 16ft. Span						
Principal rafters	10	9-6		1-3	119	
Struts	10	4-6		1-4	60	
Carried over					1571	

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					1571	
Blocks on heads of trusses	5	2–6		1–3	16	
Tie beams.	5	16–0		1–4	107	
Courts.						
Purlins	2×2	29–0		1–7	184	
Wall purlins.	2×2	16–0		1–5	91	
Do	2×2	7–6		1–5	43	
Ridge beams	2×1	29–0		1–7	92	
Do. at sides	2×2	5–0		1–7	32	
Common rafters.	2×26	13–0		0–11	620	
Do Small & Jack rafters.	1	424		0–11	389	
Valley rafters at sides	2×4	9–0		1–3	90	
Cashiers & Clerks rooms, large.						
Purlins	2	38–0		1–7	120	
Wall do.	2	38–0		1–5	108	
Ridge beam.	1	38–0		1–7	60	
Common rafters.	58	13–0		0–11	691	
Station records, Inspectors, Passage, Treasury, Head accountants & Clerks rooms.						
Purlins	2×2	36–9		1–7	233	
Wall purlins in front.	2	36–9		1–5	104	
Do in rear	1	36–9		1–5	52	
Do Do.	1	28–9		1–5	41	
Ridge beam.	1	36–9		1–7	58	
Do.	1	33–9		1–7	53	
Do to meet the roof of Record room	1	5–0		1–7	8	
Carried over					4,763	

45

E. 126.
5,000—6-6-98.

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					4,763	
Common rafters.	98	13–0		0–11	1,168	
Do & Jack rafters.	1	105–0		0–11	96	
Hip rafters	2	9–0		1–3	23	
Private rooms.						
Purlins	2×2	13–0		1–7	82	
Wall do.	2×2	13–0		1–5	74	
Ridge	2×1	13–0		1–7	41	
Common rafters.	2×20	13–0		0–11	477	
Record room.						
Purlins	2	62–0		1–4	165	
Wall do.	2	62		1–3	155	
Ridge beam.	1	62–0		1–5	88	
Common rafters.	73	13–0		0–10½	946	
Do.	11	12–0		0–10½		
Beams for wards & Police guard rooms.	4	16–0		3–2½	205	
Joists, Treasury room.	13	10–0		1–4	173	
Do, Police guard room.	12	15–6		1–1	202	
Do Arms room.	12	10–0		1–4	160	
Do Male wards.	12	15–0		1–1	195	
Do. Female wards	2×12	7–6		1–1	195	
Do. Male wards at back	2×12	14–1½		1–1	367	
Do. Passage at back	12	5–0		1–1	65	
Verandahs.						
Posts.	59	2–0		5–9	679	
Caps & do.	59	3–0		0–6	89	
Carried over					10,408	

X

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					10,408	
Bressummer in front.	1	220-0		1-6	330	
Do in rear.	2	59-0		1-6	177	
Do Courtyard.	1	62-0		1-6	93	
Rafters front, rear & Courtyard	216	11-6		1-1	2,691	
Hip rafters.	10	16-0		1-3	200	
Jack rafters.	1	500-0		1-1	542	
Do in Courtyard	1	144-0		1-1	156	
Eave planks & front Verandah	1	227-0		1-3	284	
Do rear do.	2	63-0		1-3	158	
Do in Courtyard	1	71-0		1-3	89	
Do Main roof	1	342-0		1-3	428	
Do Record room	1	108-0		1-3	135	
Barge boards & Courts and other end gables.	8	30-0		1-7	380	
Do & Record room	1	26-0		1-7	41	
+ Do additional pieces	36	1-6		1-7	86	
Do at top.	9	3-0		1-7	43	
Keepers.					6593	
Total Sqft.						22,834
Lead Sheeting 3/32" thick.						
For Valley of Courts.	8	9-6		1-6	114	
Do at the junction of main and record rooms	2	9-6		1-6	28½	
Verandah, front.	2	16-6		1-6	49½	
Do Courtyard	2	16-6		1-6	49½	
Total Sqft 1245 × 5-58 lbs per sqft — 1/2						1348 lbs.

E. 120.
5,000—6-6-96.

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
Semi Circular Zinc Gutter 8"						
For Valleys at sides of Court rooms	8	6-0			48	
Do at Record room	2	6-0			12	
				Total		60 Rft.
Down fall pipes 3" dia.	8	18-0			144	
	2	15-0			30	
				Total Rft.		174
Teak wood turned rails for Dais.	2	23-0			46 Rft.	
Masonry drain from inside of Court yard & the nearest Nullah or side drain of road						L.S. No. 20.
Iron gratings to the above						No. 2.
Providing Pit in the rear wall of each ward with a small pucka drain running along the line of the rear wall and connected with the nearest main drain. Vide Chief Engr's Memorandum No. 631C, Dt 1st February 1897.						L.S. No. 30.
Teak wood punkas 10 ft long with brown holland fringes, brass wheels, hooks and other fittings including suspenders and pulling ropes &c complete						No. 2.

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
Masonry receptacles in Treasury for holding Cash chest-						L.S. Rs. 20-

P.W.S.
4264/57

ESTIMATE FORM.—Abstract.

Q[illegible] t[illegible]	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
/		Rs.		Rs.	Rs.
27,826 c/ft	Excavation for foundation	4-10-0	1000 c/ft	129	
11,272 "	Concrete	14-0-0	100 c/ft	1,592	
15,510 "	Foundation and basement with Stock bricks in chunam	19-8-0	"	3,024	
21,798 "	Superstructure do do	20-8-0	"	4,469	
822 "	Segmental archwork do	22-8-0	"	185	
150 "	Circular do do	23-8-0	"	35	
452 "	Cut Stone work	2-0-0	c/ft	904	
750 sq ft.	Cuddapah Slabs for Ventilators including fixing & pointing with Cement	24-8-0	100 sq ft.	184	
1717 c/ft	Teak wood wrought & put up	3-8-0	c/ft	6010	
247 lbs	Wrought Iron work	0-8-0	lbs	159	
12536 sq ft	Roofing with flat and pantiles including teak reepers	14-0-0	100 sq ft.	1755	
1867 "	Terraced roofing with brick on edge, Jelly 3" thick, 3 courses of flat tiles & 3 coats of plastering on top and at ceiling	26-0-0	"	485	
196 R ft.	Cornice work with Stock bricks in chunam.	0-5-0	R ft.	61	
612 sq ft.	Teak wood paneled & Ventilation doors with frames, hinges, hooks & other fittings Complete.	1-1-0	sq ft.	650	
			Carried Over	19642	

Grand Total of Estimate ..

STATION_____

Date_____189 .

Executive Engineer.

(E. No. 123.)

50,000—6-1-96.

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.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward.			19,642	
27 Sqft	Teak wood panel doors with frames, hinges, hooks & other fittings complete.	1:0	Sft	190	
201 "	Iron grated door with frames strong iron fastenings complete.	1:13	"	364	
60 "	Teak wood Strong batten doors with frames iron fastenings complete.	1:0	"	60	
264 "	Teak wood Venetian windows with glazed shutters inside frames, hinges, hooks & other fittings complete.	1:13	"	479	
90 "	Teak wood Venetian windows with glazed top complete.	1:12	"	79	
48 "	Iron grated windows	1:13	"	87	
24 "	Teak batten windows with frames iron bars & other fittings complete.	1:6	"	33	
231 "	Teak wood Venetian windows with glazed top, frames, iron bars & other fittings complete.	1:12	"	404	
54 "	Iron grated gate shutters Complete	1:13	"	98	
	Carried Across			21,436	
	Grand Total of Estimate ..				

STATION———

Date———189 .

Executive Engineer.

(E. No. 123.)

50,000—6-1-96.

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.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward.			21436	
36 Sft.	Iron grated gate shutters with small wickets at bottom for the passing of money.	1·14·0	Sft.	68	
64 "	Fixed glazed Ventilators with frames complete.	0·12·0	"	48	
6 "	Fixed wire netting for Ventilators with frames & iron bars complete.	0·12·0	"	5	
306 "	Fixed Ventilators with wire netting without iron bars.	0·4·0	Sft.	77	
60 "	Fixed iron barred Ventilators leaded in Stone blocks as per details shown on plan.	2·8·0	"	150	
14186 cft.	Filling in basement.	3·0·0	1000 cft.	37	
8693 Sft.	Levelling coarse of concrete, 6" thick under flooring.	7·0·0	100 Sft.	609	
7928 "	Flooring with 8" Sqre bricks with chunam & pointed with Portland Cement.	7·3·0	"	570	
1936 "	Flooring with Asphalte 1/2" thick well rubbed over.	21·0·0	"	407	
23156 "	Plastering interior with 2 coats of chunam polished.	2·8·0	"	579	
	Carried Over			23986	

Grand Total of Estimate ..

STATION———

Date———189 .

Executive Engineer.

(E. No. 123.)

50,000—6-1-96.

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.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward			23986	
11204 Sqft.	Painting Interior with prepared lime mortar.	1-8-0	100 Sqft	168	
5162 "	Painting doors & windows with 3 coats of Carsons Oak paint.	2-12-0	"	142	
22834 "	Painting wood work with 3 Coats of Zinc white paint	2-12-0	"	628	
1348 ~~lb~~	Lead Sheeting for Valleys	0-3-0	~~lb~~	253	
60 Rft.	Semicircular 8" Zinc gutters	0-9-0	Rft	34	
174 "	Down fall pipes 3" dr.	0-5-0	"	54	
46 "	Teak wood turned pails for Dacs	1-0-0	"	46	
	Cost of Masonry drain from inside of Courtyard to the nearest Nullah or side drain of the road.	L.S.		20	
2 Nos	Iron gratings to the above	0-8-0	Each	1	
	Cost of providing Exit in the rear wall of Each ward with a small pucka drain running along the line of the rear wall reconnected with the nearest main drain	6 / L.S.		6 / 30	8
7	28 Carried Over			25362	

Grand Total of Estimate ..

STATION _____

Date _____ 189 .

30,000—15-5-95.

Executive Engineer.

(E. No. 123.)

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.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.		RS.	RS.
	Brought forward			25362	
2 No	Teak wood punkahs 10 ft long with brown holland fringes, brass wheels, hooks and other fittings including suspenders & pulling rope complete.	20 ea	Each	40	
	Masonry receptacles in Treasury for holding cash chest.	LS.		20	
					25422
	Contingencies @ 5%			1271	
	Petty Supervision @ 2½ %			637	
					1908
	Grand Total of Estimate ..				27330

STATION Chipauk
Date 29th April 1897

Sir Banister
Consulting architect to Govt.
~~Executive Engineer.~~

(E. No. 123.)

50,000—6-1-96.

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—1st Class Taluq offices according to Sketch No 6 issued with G O No 3085 Fr dy 12th Dec 1894 Filed roofing and terraced for Sub Jail wards &c.

Amount of Estimate, Rs.—27,330/

To be carried out by—C.P.D.

REFERENCES.

Ques. 6
42444/97

C. A. 1—20—29-10-96.

Office of the Consulting Architect to Govt.,
Chepauk, Madras,
29th April 1897.

No. 251

From

G. S. T. Harris, Esq.,
Consulting Architect
to the Government of Madras,

To

The Chief Engineer
Public Works Department

Sir,

Enclosures.

2
9.6

With reference to your Memorandum No. 1818 C dated the April 1897, I have the honour to submit a revised Estimate for first-class Taluq Cutcheries with roofing of Mangalore tiles with the scantlings of timbers reduced as directed.

I also submit a revised Estimate for first-class Taluq Cutcheries with terraced roofing for jail wards & ordinary flat & pan tile roofing for other portions. The several modifications as to doors, drains &c have been carried out in these Estimates.

Three sheets lithographs with alterations

in

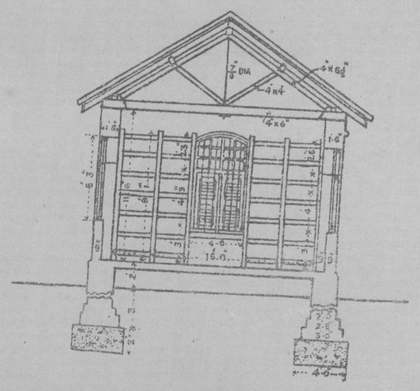
in red are also forwarded.

I have the honour to be
Sir
Your Most Obedient Servant

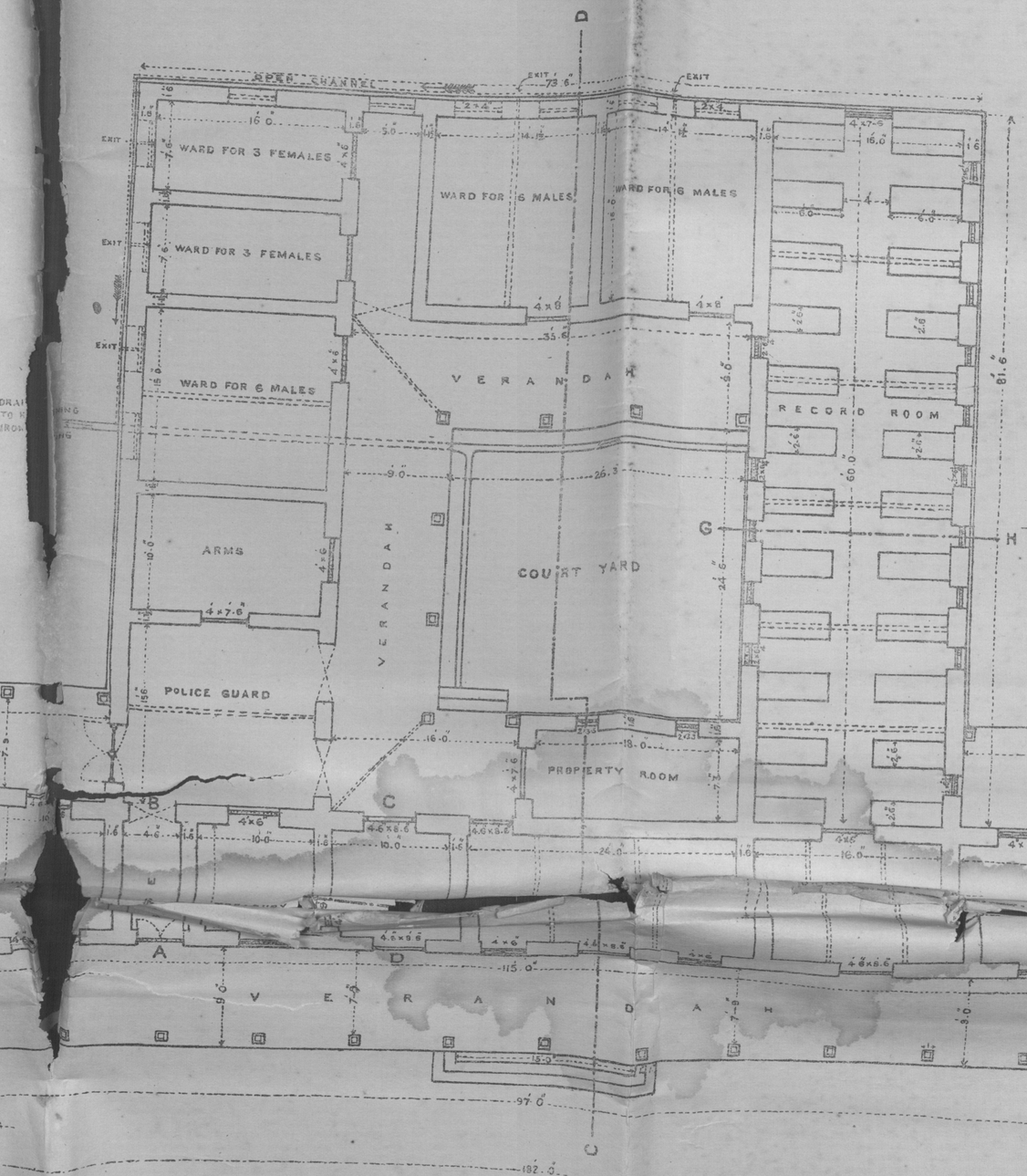
Sir Daniel
Consulting Architect
to Government

REVISED TYPE DESIGN FOR A FIRST CLASS TAHSILDAR'S OFFICE.

ACCOMPANIMENT TO G.O. No. 1494 W DATED 2ND JUNE 1897 — NO

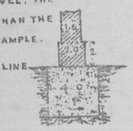


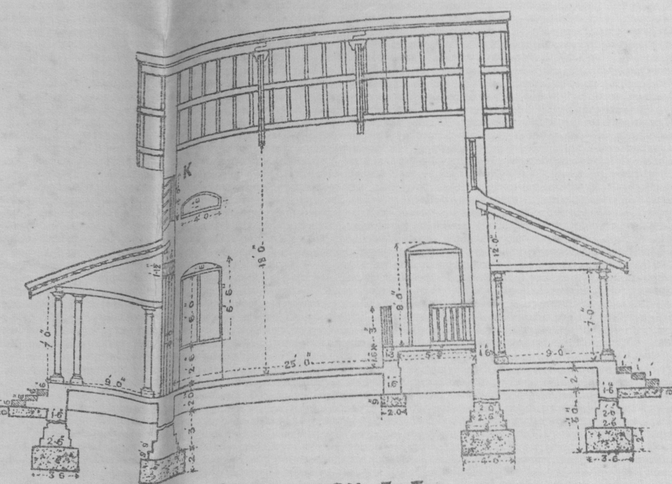
SECTION ON G H



NOTE
- THE IRON RAILED GATE AT A AND THE DOORS AT C AND D IN THE CASHIER'S ROOM TO BE LEFT OPEN AT NIGHTS, THE POLICE SENTRY TO GO ROUND THE TREASURY THROUGH THE PASSAGE A. B. AND DOORS C. D.
- THROUGH RECEPTACLES SHOULD BE PROVIDED IN THE TREASURY FOR HOLDING MASONRY RECEPTACLES AFTER ASCERTAINING FROM THE LOCAL REVENUE AUTHORITIES CASH CHESTS AFTER ASCERTAINING FROM THE LOCAL REVENUE AUTHORITIES THE NUMBER AND SIZE AND DESCRIPTION OF THE SAME.

NOTE
- THE FOUNDATIONS AS SHEWN SHOULD NOT BE TAKEN AS A GUIDE IT WOULD BE BETTER TO CONSTRUCT THEM OF CONCRETE TO GROUND LEVEL. THE CONCRETE TO BE 2 FEET, ONE FOOT ON EACH SIDE BROADER THAN THE MASONRY IMMEDIATELY ABOVE AS SHEWN IN THE SKETCH FOR EXAMPLE.
- DEPTH OF CONCRETE TO SUIT NATURE OF SOIL





SECTION ON E. F.

SECTION ON G H

SECTION ON E F

VERANDAH

DAIS

RECORD ROOM

PRIVATE ROOM

STATIONARY SUB-MAGISTRATE

RECORD ROOM

VERANDAH

VERANDAH

VERANDAH

VERANDAH

DAIS

VERANDAH

NOTE — THE IRON RAILED GATE AT A AND THE DOORS AT C AND D IN THE CASHIER'S ROOM TO BE LEFT OPEN AT NIGHTS. THE POLICE SENTRY TO GO ROUND THE TREASURY THROUGH THE PASSAGE A. B. AND DOORS C. D.

MASONRY RECEPTACLES SHOULD BE PROVIDED IN THE TREASURY FOR HOLDING CASH CHESTS AFTER ASCERTAINING FROM THE LOCAL REVENUE AUTHORITIES THE NUMBER AND SIZE AND DESCRIPTION OF THE SAME.

FRONT ELEVATION

SCALE

10 5 0 10 20 30 40 FT.

PLINTH AREA (EXCLUSIVE OF STEPS) = 10,793 SQ: FT
AMOUNT OF ESTIMATE AT MADRAS RATES RS 27,060.
RATE PER SQ: FT ——— Do ——— RS 2-8-1

Supt Technical Section
Chief Engineer's Office P.W.D.

(Signed) H Irwin C.I.E.
Consulting Architect to Govt.
7th Novr 1891

(Signed) C.H.B. Burlton.
Dy: Chief Engineer P.W.D

No. 3822
300

Photo-Zinco., Survey Office, Madras.
1897

SECTION ON A . B .

NOTE

THE FOUNDATIONS AS SHEWN SHOULD NOT BE TAKEN AS A GUIDE IT WOULD BE BETTER TO CONSTRUCT THEM OF CONCRETE TO GROUND LEVEL THE CONCRETE TO BE 2 FEET, ONE FOOT ON EACH SIDE BROADER THAN THE MASONRY IMMEDIATELY ABOVE AS SHEWN IN THE SKETCH FOR EXAMPLE.

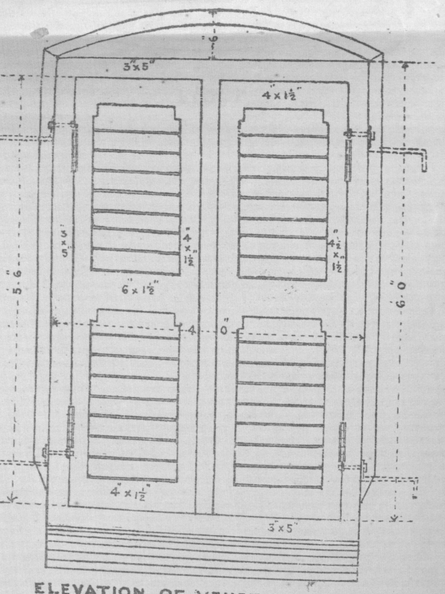
GROUND LINE

DEPTH OF CONCRETE TO SUIT NATURE OF SOIL.

FIG. III.

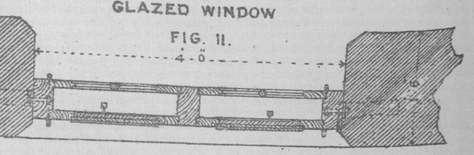
FIG. I.

SECTION ON C . D .



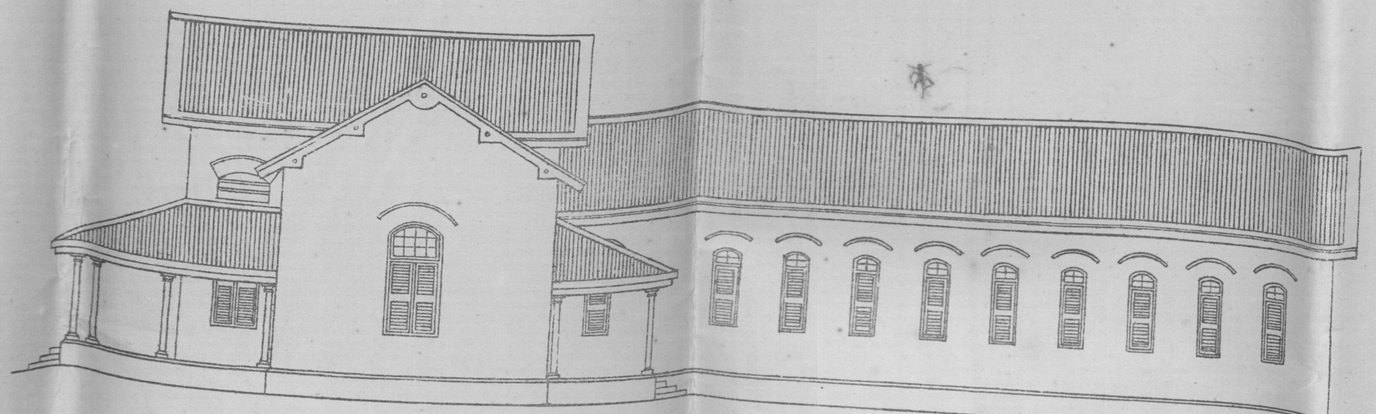
ELEVATION OF VENETIAN AND GLAZED WINDOW

FIG. II.

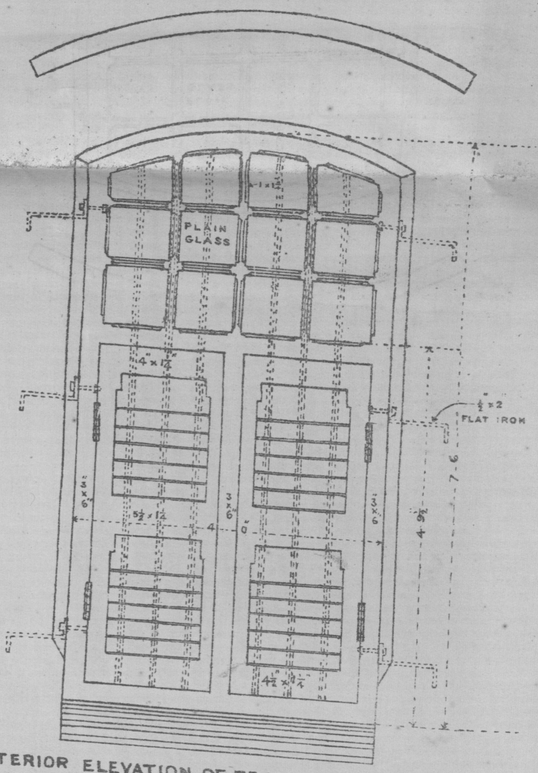


PLAN

NO II REQUIRED



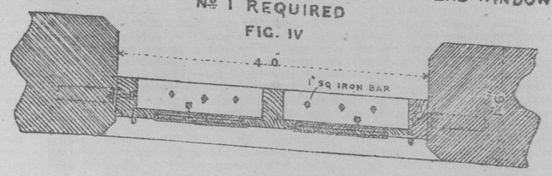
END ELEVATION



EXTERIOR ELEVATION OF RECORD ROOM END WINDOW

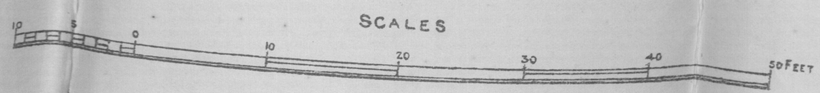
Nº I REQUIRED

FIG. IV

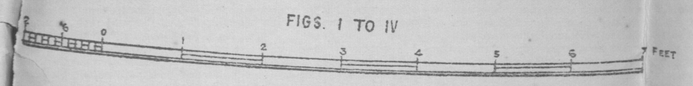


PLAN

SCALES



FIGS. I TO IV



Supt Technical Section
Chief Engineer's Office P.W.D.

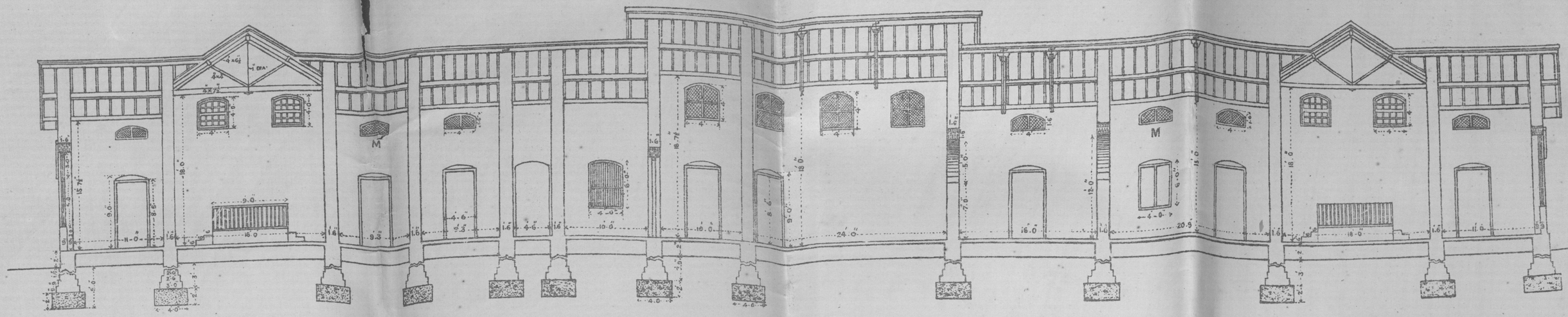
(Signed) H. Irwin C. I. E
Consg Architect to Govt
7th Nov 1891

(Signed) C H. B. Burlton
Dy: Chief Engineer P. W. D.

REVISED TYPE DESIGN FOR A FIRST CLASS TAHSILDAR'S OFFICE WITH DETAILS.

NO. A

ACCOMPANIMENT TO G O No 1494 W DATED 2ND JUNE 1897



SECTION ON A . B .

NOTE — THE FOUNDATIONS AS SHEWN SHOULD NOT BE TAKEN AS A GUIDE IT WOULD BE BETTER TO CONSTRUCT THEM OF CONCRETE TO GROUND LEVEL. THE CONCRETE TO BE 2 FEET, ONE FOOT ON EACH SIDE BROADER THAN THE MASONRY IMMEDIATELY ABOVE AS SHEWN IN THE SKETCH FOR EXAMPLE.

DEPTH OF CONCRETE TO SUIT NATURE OF SOIL.

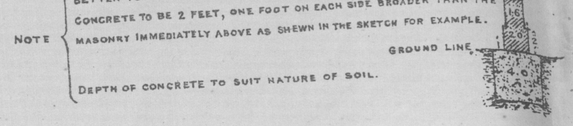
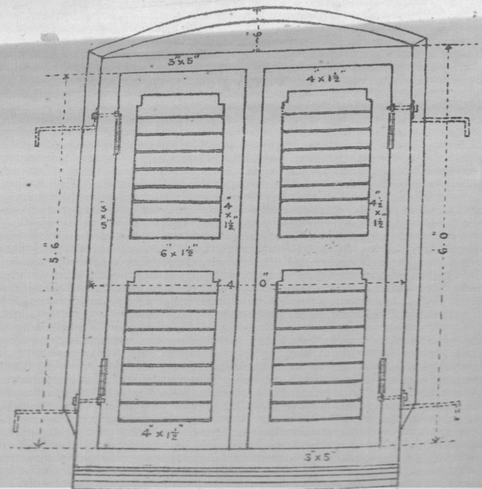
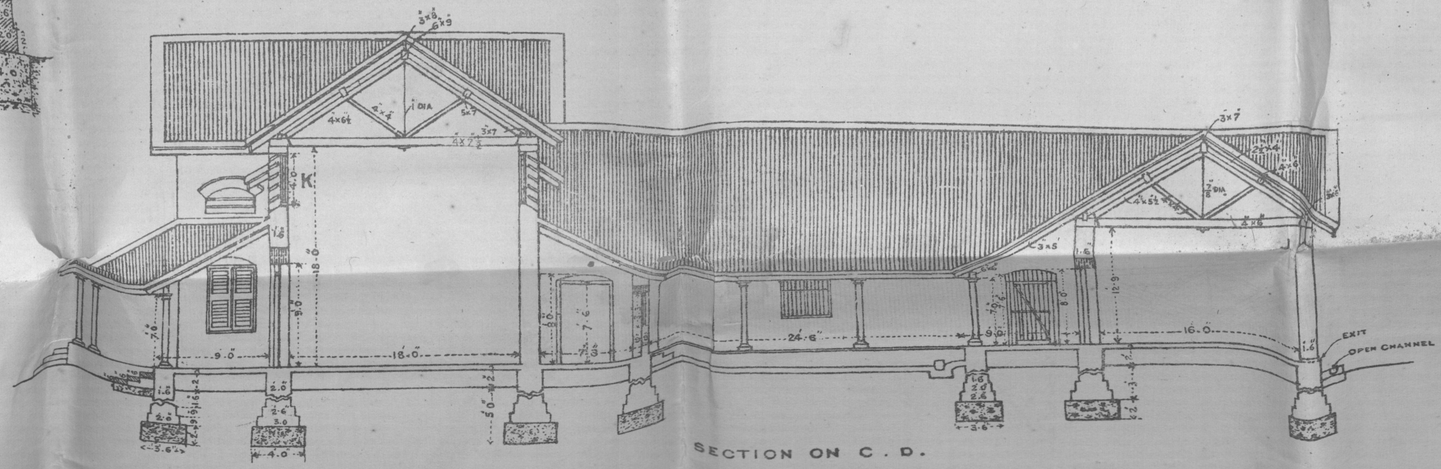


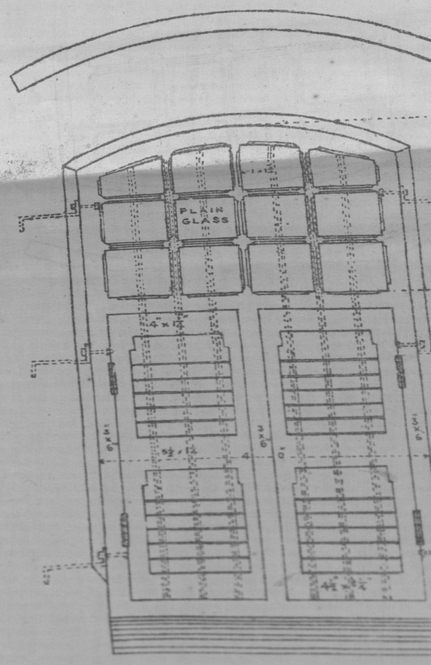
FIG. I.





SECTION ON C . D .

FIG. III.

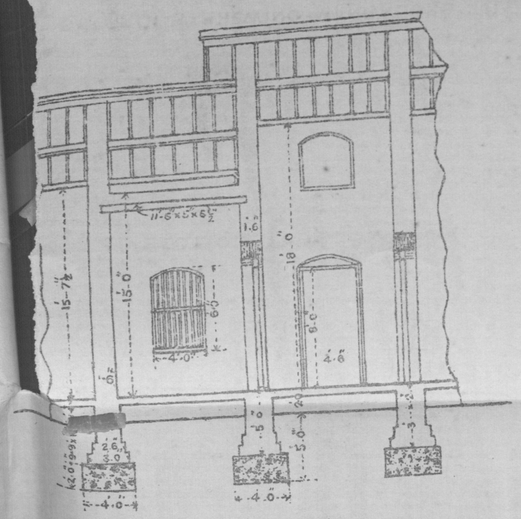


EXTERIOR ELEVATION OF RECORD ROOM No 1 REQUIRED

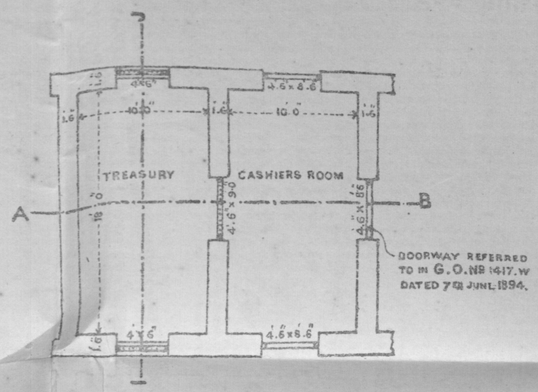
SECTIONS SHEWING MANGALORE TILE ROOFING OVER TERRACED ROOFING FOR BUILDINGS ON THE WEST COAST



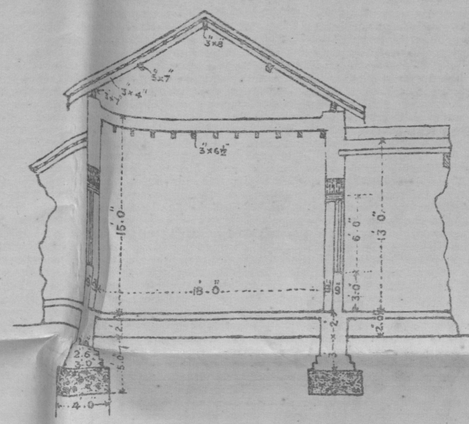
SECTION-ON-C.D



SECTION THRO-A.B



SECTION-ON-G.H. THROUGH ARMS & RECORD ROOM

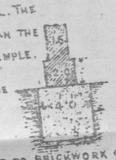


SECTION THRO-I.J

FROM FLOOR TO BOTTOM OF TIE BEAM IN HEAD ACCOUNTANTS ROOM
DEPTH OF TIE BEAM
FROM TOP OF TIE BEAM TO TOP OF PURLIN
TOTAL HEIGHT

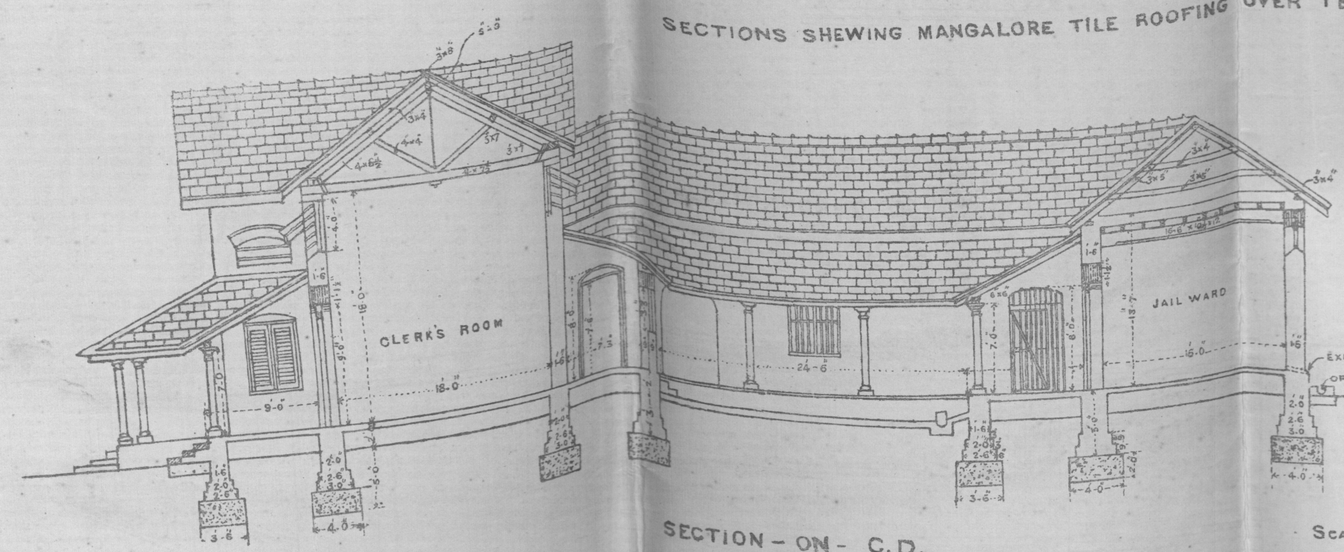
FROM FLOOR TO BOTTOM OF TIE BEAM IN RECORD ROOM ——— 12'-
DEPTH OF TIE BEAM ——— 0'-
RISE OF TRUSS ——— 5'-
BLOCK AT HEAD ——— 0'-9
TOTAL FROM FLOOR TO BOTTOM OF RIDGE ——— 19'-

NOTE - THE FOUNDATIONS AS SHEWN SHOULD NOT BE TAKEN AS A GUIDE IT WOULD BE BETTER TO CONSTRUCT THEM OF CONCRETE TO GROUND LEVEL. THE CONCRETE TO BE 2 FEET, ONE FOOT ON EACH SIDE BROADER THAN THE MASONRY IMMEDIATELY ABOVE AS SHEWN IN THE SKETCH FOR EXAMPLE.

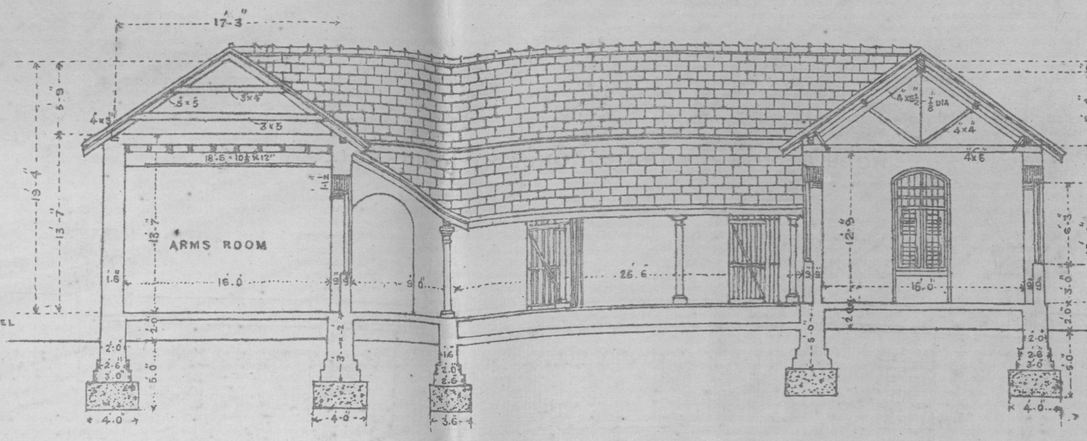


DEPTH OF CONCRETE TO SUIT NATURE OF SOIL.

THE MASONRY SECTIONS ARE IN CERTAIN CASES SUITABLE TO BRICKWORK ONLY.



SECTION - ON - C.D.



SECTION - ON - G.H

SCALE 8 FT = 1 INCH

10 5 0 10' 20' 30 40 FT

(Signed) H. Irwin C.I.E
Consulting Architect to Govt.
17th July 1894

(signed) C.H.B. Burlton
Dy: Chief Engineer P.W.D

Supt Technical Section
Chief Engineer's Office) P.W.D

Reg: No 3824
Copies. 300

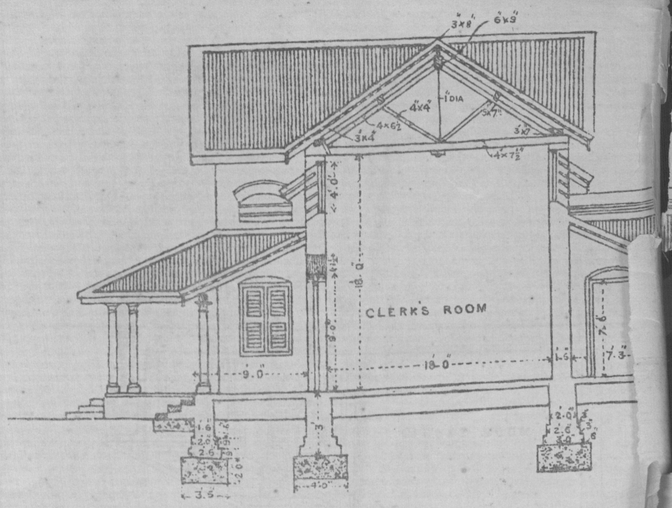
Photo-Zinco., Survey Office, Madras
1897

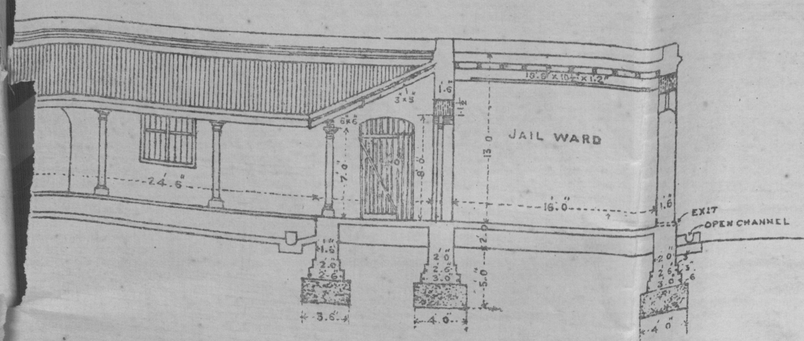
REVISED TYPE DESIGN FOR A FIRST CLASS TAHSILDARS OFFICE — WITH TILED ROOFING

ACCOMPANIMENT TO G.O. No. 1494 W DATED 2ND JUNE 1897

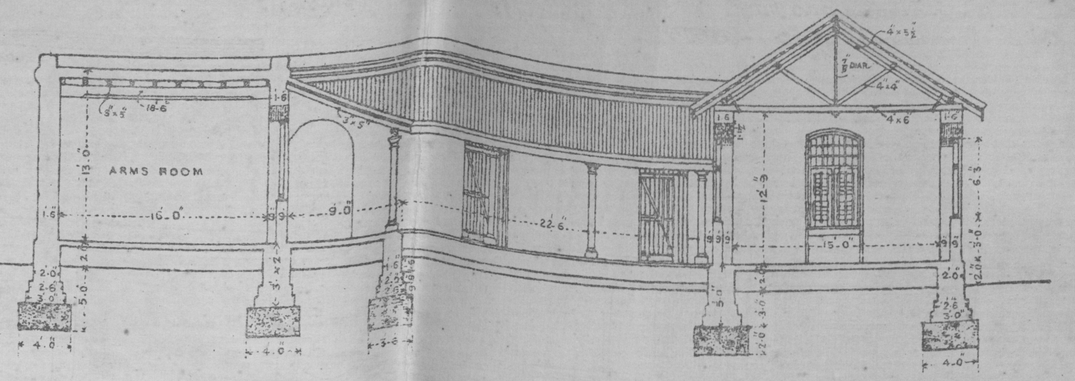
No. E

SECTIONS SHEWING TERRACED ROOF FOR SUB JAIL WARDS. ARMS, POLICE GUARD ROOM AND TERRACED CEILING FOR TREASURY.





SECTION-ON-C.D



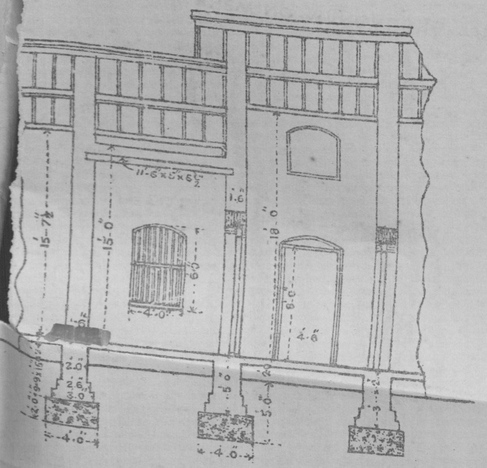
SECTION-ON-G.H. THROUGH ARMS & RECORD ROOM

NOTE - THE FOUNDATIONS AS SHEWN SHOULD NOT BE TAKEN AS A GUIDE IT WOULD BE BETTER TO CONSTRUCT THEM OF CONCRETE TO GROUND LEVEL. THE CONCRETE TO BE 2 FEET, ONE FOOT ON EACH SIDE BROADER THAN THE MASONRY IMMEDIATELY ABOVE AS SHEWN IN THE SKETCH FOR EXAMPLE.

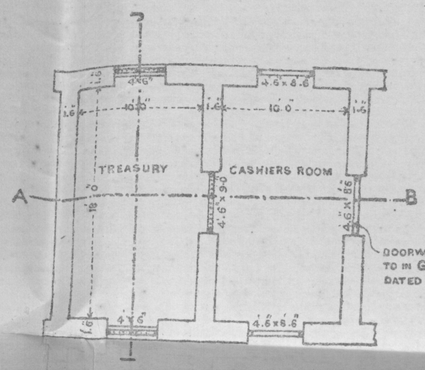
GROUND LINE

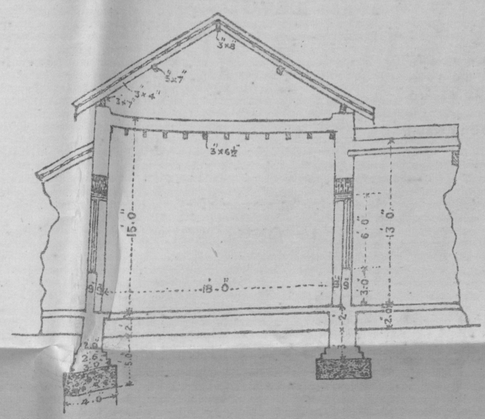
DEPTH OF CONCRETE TO SUIT NATURE OF SOIL.

THE MASONRY SECTIONS ARE IN CERTAIN CASES SUITABLE TO BRICKWORK ONLY.



SECTION THRO-A.B





SECTION THRO-I.J

FROM FLOOR TO BOTTOM OF TIE BEAM IN HEAD ACCOUNTANTS ROOM — 15'-0"
DEPTH OF TIE BEAM — 0'-7½"
FROM TOP OF TIE BEAM TO TOP OF PURLIN — 3'-9"
TOTAL HEIGHT 19'-4½"

SECTIONS SHEWING MANGALORE TILE ROOFING OVER TERRACED ROOFING FOR BUILDINGS ON THE WEST COAST

FROM FLOOR TO BOTTOM OF TIE BEAM IN RECORD ROOM — 12'-9"
DEPTH OF TIE BEAM — 0'-6"
RISE OF TRUSS — 5'-4"
BLOCK AT HEAD — 0'-9"
TOTAL FROM FLOOR TO BOTTOM OF RIDGE — 19'-4"