Financial Department

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following paper.-

Proceedings of the Marine Department, dated 22nd. January 1896, No.38.

---O---

O R D E R, No.108, dated 31st. February 1896.

The Accountant General is authorised to place the sum of Rs.15,000, at the disposal of the Public Works Department from Port funds.

(true extract)

W. W. Phillips

Ag. Assistant Secretary,

for Chief Secretary.

The Public Works Department. ✓

.. Accountant General.

.. Marine Department.

Mai

Cwa

Public Works (1896) Depa...

G.O., No. 889 W

DATED 11-3-96

[Despatch Abstract.]

Taluk offices: The revised schedule of quantities for second class —, as modified in the Chief Engineer's office, circulated to officers of the P. W. D.

[P.W. 1c. 1,000—15-10-95.]

Financial Department

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

FURTHER PAPERS.

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

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1896} Madras.

PUBLIC WORKS.

Dated March, 11th.

Read.

Encl.

G.O. No. 889 W., 11th Mar. 1896.

MARCH.

Taluk offices

The revised schedule of quantities for second-class —, as modified in the Chief Engineer's office, circulated to officers of the Public Works Department.

No. 889 W., 11th March 1896.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From H. IRWIN, Esq., C.I.E., Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 21st February 1895, No. 3498.

With reference to your Memorandum No. 3655 C., dated the 17th November 1894, I have the honour to submit revised schedules of quantities for second-class taluk offices with tiled roofing.

One set provides for the ordinary flat and pan tile roofing with terraced roofing for the sub-jail wards, the other for Mangalore tiled roofing with boarded ceiling for the rooms, for the sub-jail wards there will be no boarded ceiling but a flat ceiling of terracing supported on teak joists.

Order—No. 889 W., dated 11th March 1896.

The revised schedule of quantities for second-class taluk offices, as modified in the Chief Engineer's office, is circulated to officers of the Public Works Department, in continuation of G.O. No. 2381 W., dated 26th September 1895.

(True Extract.)

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Joint Secy. to Govt., P.W.D.

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

Exd. P. Seetharam.
Spare Copies

Annexure to G.O. No. 889 W., dated 11th March 1896.

Revised type design for a Deputy Tahsildar's office. Tiled roofing and terraced roofing for the sub-jail wards according to the sheet of sections circulated with Chief Engineer's Memorandum No. 3655 C., dated 17th November 1894.

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

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

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

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

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

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

Roofing.—The roof will be covered with flat and pan tiles; 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.

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

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

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

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

(40—4,000—2-11-95.)

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
		FT. IN.	FT. IN.	FT. IN.		
Excavation for foundation.						
Court walls, four sides	1	92 0	4 0	5 0	1,840	
Dais	1	17 0				
Do. steps	2	3 3				
		23 3	2 0	0 9	35	
Clerks' private and Inspector's rooms, three sides	2	67 6				
Cross wall	1	13 6				
Record-room, three sides	1	68 6				
Police guard, arms and property rooms, three sides	1	122 3				
Cross wall	1	13 6				
		352 9	4 0	5 0	7,055	
Cross walls	2	13 6	3 7½	5 0	489	
Jail wards, front and rear walls	2	34 6				
End wall to jail wards	1	27 0				
		96 0	4 0	5 0	1,920	
Cross walls to jail wards	3	13 6	3 7½	5 0	734	
Verandah all round	1	172 0				
Do. to courtyard	2	34 6				
		241 0	3 6	5 0	4,218	
Steps in front	1	18 6				
Do. in sides	2	11 6				
		41 6	2 3	0 9	70	
Steps to courtyard	1	7 3				
	1	6 3				
	1	6 6				
		20 0	1 3	0 9	19	
Total cubic feet ..	..	..	..	..	..	16,380
Concrete—						
Court wall, four sides	1	92 0	4 0	2 0	736	
Dais	1	19 6		..		
Do. steps	2	4 0		..		
		27 0	2 0	0 9	41	
Clerks' private and Inspector's rooms, three sides	2	67 6				
Cross wall	1	13 6				
Record-room, three sides	1	68 6				
Police guard, arms and property rooms, three sides	1	122 3				
Cross wall	1	13 6				
		352 9	4 0	2 0	2,822	
Cross walls	2	13 6	3 7½	2 0	196	
Jail wards, front and rear walls	2	34 6				
End wall to jail wards	1	27 0				
		96 0	4 0	2 0	768	
Cross wall to jail wards	3	13 6	3 7½	2 0	294	
Verandah all round	1	172 0				
Do. to courtyard	2	34 6				
		241 0	3 6	2 0	1,687	
Steps in front	1	18 6				
Do. in sides	2	11 6				
		41 6	3 3	0 9	101	
Steps to courtyard	1	8 3				
	1	7 3				
	1	6 6				
		22 0	2 3	0 9	37	
Total cubic feet ..	..	..	..	..	..	6,682

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Brickwork in foundations.		FT. IN.	FT. IN.	FT. IN.		
Footings—						
Court wall, four sides	1	92 0				
Clerks' private and Inspector's rooms, three sides	2	68 9				
Cross wall	1	14 9				
Record-room, three sides	1	69 9				
Police guard, arms and property rooms, three sides	1	123 6				
Cross wall	1	14 9				
		452 3	2 9	1 6	1,866	
Cross wall	2	14 9	2 4½	1 6	105	
Jail wards, front and rear walls	2	35 9				
End wall to jail wards	1	27 0				
		98 6	2 9	1 6	406	
Cross walls to jail wards	3	14 9	2 4½	1 6	158	
Verandah all round	1	172 6				
Do. to courtyard	2	35 9				
		244 0	2 3	1 6	824	
Above footings to ground level—						
Court wall, four sides	1	92 0				
Clerks' private and Inspector's rooms, three sides	2	69 6				
Cross wall	1	15 6				
Record-room, three sides	1	70 6				
Police guard, arms and property rooms, three sides	1	124 3				
Cross walls	1	15 6				
		456 9	2 0	1 6	1,370	
Cross walls	2	15 6	1 7½	1 6	76	
Jail wards, front and rear walls	2	36 6				
End wall to jail wards	1	27 0				
		100 0	2 0	1 6	300	
Cross walls to jail wards	3	15 6	1 7½	1 6	113	
Verandah all round	1	174 0				
Do. to courtyard	2	36 6				
		247 0	1 6	1 6	556	
Basement—						
Court walls, four sides	1	92 0	2 0	2 0	368	
Dais	1	19 0	1 6	2 0	57	
Do. to steps	2	4 0	2 0	2 0	32	
Clerks' private and Inspector's rooms, three sides	2	69 6				
Cross wall	1	15 6				
Record-room, three sides	1	70 6				
Police guard, arms and property rooms, three sides	1	124 3				
Cross wall	1	15 6				
		364 9	2 0	2 0	1,459	
Cross walls	2	15 6	1 7½	2 0	101	
Jail wards, front and rear walls	2	36 6				
End wall to jail wards	1	27 0				
		100 0	2 0	2 0	400	
Cross walls to jail wards	3	15 6	1 7½	2 0	151	
Verandah all round	1	174 0				
Do. to courtyard	2	36 6				
		247 0	1 6	2 0	741	
Steps in front	1	14 0	1 0	0 6	7	
Do. do.	1	16 0	2 0	0 6	16	
Do. do.	1	18 0	3 0	0 6	27	
Do. in sides	2	7 0	1 0	0 6	7	
Do. do.	2	9 0	2 0	0 6	18	
Do. do.	1	11 0	3 0	0 6	17	
Do. do.	1	8 0	2 0	0 9	12	
Do. in courtyard	1	7 0	2 0	0 9	11	
Do. do.	1	6 0	2 0	0 9	9	9,207
Do. do.						
Deductions—						
Stone slabs on top of steps in front ..	1	18 0	3 3	0 6	29	
Do. do. in sides ..	2	11 0	3 3	0 6	36	

(40—4,000—2-11-95.)

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurement 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.		
Deductions—*cont.*						
Stone slabs on top of steps to courtyard ..	1	8 0	2 2	0 6	9	
Do. do. do. ..	1	7 0	2 2	0 6	8	
Do. do. do. ..	1	6 0	2 2	0 6	7	
Stones under posts let into basement 3" ..	42	1 0	1 0	0 3	11	
						100
Total cubic feet ..	..	..	..	..	..	9,107
Superstructure—						
Court wall, four sides	1	92 0	1 6	18 7½	2,570	
Dais	1	19 6	1 3	1 6	37	
Do. steps	2	4 0	2 0	0 9	12	
Gables, front and rear	2	21 0	1 6	3 6	221	
Do. at sides	2	9 0	1 6	1 6	41	
Clerks' private and Inspector's rooms, three sides	2	70 0				
Cross wall	1	16 0				
		156 0	1 6	15 6	3,627	
Gables	3	19 0	1 6	3 2	271	
Record-room, three sides	1	71 0	1 6	12 0	1,278	
Police guard, arms and property rooms, three sides	1	124 9				
Cross wall	1	16 0				
	..	140 9	1 6	13 0	2,745	
Cross walls	2	16 0	1 1½	13 0	468	
Jail wards, front and rear walls	2	37 0				
End walls to jail wards	1	19 0				
		93 0	1 6	13 0	1,814	
Continuation of jail wards	1	8 0	1 6	9 6	114	
Cross walls to jail wards	3	16 0	1 1½	13 0	702	
Gables to record-room	1½	19 0	1 6	3 2	135	
Parapet walls	1	202 3	1 3	1 0	253	
Binding walls	2	16 6	1 6	1 0	50	
Do. do.	5	16 6	1 1½	1 0	93	
String course over door to Police guard ..	1	5 6				
Do. over windows	5	5 6				
Do. to record-room	10	3 6				
Do. do.	1	5 6				
Ventilators to court	4	5 6				
Do. do.	2	5 6				
Do. to end walls	2	5 6				
		117 6	0 3	0 3	7	14,438
Deductions—						
Doors	17	4 0	1 6	8 0	816	
Do.	1	4 0	1 1½	8 0	36	
Door with glazed top	1	4 0	1 6	8 9	53	
Windows	6	4 0	1 6	5 0	180	
Do. recesses	6	4 0	0 9	3 0	54	
Do. with glazed top	6	4 0	1 6	6 3	225	
Do. recess	6	4 0	0 9	2 6	45	
Do. to record-room	10	2 0	1 6	6 1½	184	
Do. recess	10	2 0	0 9	2 6	38	
Ventilators to court and end rooms ..	6	4 0	1 6	4 4½	158	
Do. do. small	11	4 0	1 6	1 9	116	
Do. to jail wards	4	4 0	1 6	1 9	42	
Archways to Police guard, rectangular portion.	1	6 0	1 6	5 0	45	
Do. do. semicircular portion.	1	14 1½	Area.	1 6	21	
Archways to Police guard, small, rectangular portion	1	4 0	1 6	6 0	36	
Archways to Police guard, small, semicircular portion	1	6 3	Area.	1 6	9	
Archways to passage	1	5 7½	1 6	6 0	51	
Do. semicircular portion	1	12 4½	Area.	1 6	19	
Archwork as per details	..	..	..	..	553	
Sill stone to doorways	13	5 0	1 6	0 6	49	
Do. to arms and record-rooms ..	1	5 0	1 1½	0 6	3	
Do. property room	1	6 6	1 6	0 6	5	
Stone for iron doors to jail wards	4 × 5	1 3	0 10½	0 6	11	
Do. do. at recess	4	3 0	1 6	1 6	27	
Bed plates under trusses	12	1 6	1 6	0 4	9	
Stone for jail wards' ventilators	4 × 4	1 0	1 6	0 9	18	
Total cubic feet ..	..	..	..	..	..	2,803
						11,635

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.		
Cornice work	..	..	..	..	207 9	
Total R. feet ..	..	..	..	..	..	208
Segmental archwork—						
Doors, court and other rooms	18	5 6	1 6	1 1½	167	
Door, arms and record-room	1	5 6	1 1½	1 1½	7	
Windows	12	5 6	1 6	1 1½	111	
Do. to record-room	10	3 6	1 6	1 1½	59	
Ventilators to court and other rooms ..	17	5 6	1 6	0 9	105	
Total cubic feet ..	..	..	..	..	..	449
Circular archwork—						
Archways to Police guard	1	11 3	1 6	1 1½	19	
Do. do.	1	8 0	1 6	1 1½	14	
Do. to passage	1	10 7½	1 6	1 1½	18	
Total cubic feet ..	..	..	..	..	..	51
Cut stone work—						
Slabs under trusses to court clerks and record-rooms	12	1 6	1 6	0 4	9	
Slabs to steps in front	1	18 0	3 3	0 6	29	
Do. at sides	2	11 0	3 3	0 6	36	
Do. in courtyard	1	8 0	2 2	0 6	9	
Do. do.	1	7 0	2 2	0 6	8	
Do. do.	1	6 0	2 2	0 6	7	
Stone for posts including the portion (3") let into basement	42	1 0	1 0	1 0	42	
Sill stones to door ways	13	5 0	1 6	0 6	49	
Do. to arms and record-rooms ..	1	5 0	1 1½	0 6	3	
Do. to property room	1	6 6	1 6	0 6	5	
Do. for iron doors to jail wards ..	4 × 5	1 3	0 10½	0 6	11	
Do. at recess	4	3 0	1 6	1 6	27	
Do. for ventilators to jail wards ..	4 × 4	1 0	1 6	0 9	18	
Total cubic feet ..	..	..	..	..	..	253
Cuddapah slabs, 2" thick—						
Ventilators to court	2 × 5	5 0	1 6	..	240	
Do. small, to court and other rooms ..	11 × 2					
Total square feet ..	..	..	..	..	..	240
Teakwood, wrought, and put up.						
Court.						
Two trusses, 18' span—						
Tie beams	2	21 0	0 4	0 7½	9	
Principal rafters	4	12 0	0 4	0 6½	9	
Struts	4	5 6	0 4	0 4	2	
Block on head of trusses	2	1 3	0 6	0 9	1	
Purlins including overlapping	2	33 0	0 5	0 7	16	
Wall purlins including overlapping ..	2	28 0	0 3	0 7	8	
Ridge beam including overlapping ..	1	33 0	0 3	0 8	6	
Ridge beams at sides	2	5 6	0 3	0 8	2	
Common rafters, 1½' apart from centre to centre	20	14 0	0 3	0 4	23	
Do. do. ..	10	12 6	0 3	0 4	10	
Do. do. ..	4	11 3	0 3	0 4	4	
Do. do. ..	4	9 6	0 3	0 4	3	
Do. do. ..	4	7 9	0 3	0 4	3	
Do. do. ..	2	6 0	0 3	0 4	1	
Hip rafters at sides	4	9 0	0 3	0 6	5	
Jack rafters	4	6 0	0 3	0 4	2	
Do.	4	4 3	0 3	0 4	1	
Do.	4	2 6	0 3	0 4	1	
Clerks and record-room, four trusses, 16' span—						
Tie beams	4	19 0	0 4	0 6	13	
Principal rafters	8	10 0	0 4	0 5½	12	
Struts	8	5 6	0 4	0 4	5	
Block on head of trusses	4	1 3	0 6	0 9	2	
Clerks—						
Purlins in front and rear	2	31 0	0 5	0 7	15	
Wall purlins	2	31 0	0 3	0 7	9	
Ridge beam	1	31 0	0 3	0 8	5	
Do. at sides	1	5 6	0 3	0 8	1	

(40—4,000—2-11-95.)

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurement 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.		
Clerks—*cont.*						
Common rafters	40	13 6	0 3	0 4	45	
Jack rafters	2	7 0	0 3	0 4		
Do.	2	4 6	0 3	0 4	2	
Do.	2	2 6	0 3	0 4		
Hip rafters	2	9 0	0 3	0 6	2	
Private and Inspector's rooms—						
Purlins	2	31 0	0 5	0 7	15	
Wall purlins	2	31 0	0 3	0 7	9	
Ridge beams	1	31 0	0 3	0 8	5	
Common rafters	40	13 6	0 3	0 4	45	
Record-room—						
Purlins	2	31 0	0 4	0 6	10	
Wall purlins	2	31 0	0 3	0 6	8	
Ridge beam	1	31 0	0 3	0 7	5	
Common rafters	40	13 6	0 2½	0 4	38	
Police guard-room—						
Beam	1	18 6	0 10½	1 2	19	
Joists	12	17 3	0 3	0 5	22	
Arms and record-room—						
Joists	12	13 7½	0 3	0 7½	26	
Passage—						
Joists	12	7 1½	0 3	0 5	9	
Property-room—						
Beams	1	18 6	0 10½	1 2	19	
Joists	12	18 0	0 3	0 5	23	
Jail wards—						
Joists	12	40 0	0 3	0 5	50	
Wall plates to Police guard arms, passage, property and jail wards	10	17 0	0 4	0 3	14	
Verandah—						
Posts	42	6 0	0 6	0 6	63	
Cap over posts	42	1 0	1 0	0 6	21	
Breast-summers to verandah	1	187 9	0 5	0 6	39	
Do. to courtyard	2	39 0	0 5	0 6	16	
Rafters	75	10 6	0 3	0 4½	74	
Do. to courtyard	2×26	10 6	0 3	0 4½	51	
Hip and valley rafters to verandah ..	7	13 6	0 3	0 6	12	
Jack rafters	14	8 6	0 3	0 4½	11	
Do.	14	6 6	0 3	0 4½	9	
Do.	14	4 6	0 3	0 4½	6	
Do.	14	2 6	0 3	0 4½	3	
Wall plates to verandah	1	133 0	0 3	0 3	8	
Do. to courtyard	2	38 0	0 3	0 3	5	
Eave planks for rafters to verandah ..	1	182 0	0 1	0 7	9	
Do. to courtyard	2	37 0	0 1	0 7	4	
Do. to main wall to court	2	18 0	0 1	0 7	2	
Do. clerks' room	2	29 0	0 1	0 7	3	
Do. private and Inspector's rooms	2	29 0	0 1	0 7	3	
Do. record-room	2	29 6	0 1	0 7	3	
Barge board to court	2	30 0	0 1	0 9	4	
Do. to end and record-room	3	28 0	0 1	0 9	5	
Additional pieces to above	20	1 6	0 1	0 9	2	
Do. at top	5	3 0	0 1	0 9	1	
Total cubic feet ..	..	..	..	..	..	888
Teakwood Record-racks (6′-0″×2′ 3″×9′ 11″)						
Uprights	6	9 11	0 3	0 3	4	
Horizontal pieces	28	2 10½	0 2	0 3	3	
Ends and cross pieces	21	2 3	0 2	0 3	2	
Horizontal pieces for shelves	42	2 10½	0 3	0 1	3	
Total for one rack ..	..	..	..	..	12	
Total for eleven racks ..	..	..	..	..	..	132 c. ft.
Wrought iron works.						
1″ diameter, King rod, for 18′ trusses	2	8 6	=17 0	× 2·62	45	
1″ Hex nut and head to rod for 18′ trusses ..	2	..	..	× 1·10	2	
3″ diameter, ⅛″ thick washers ..	6	7·068	× 0·125	=5×0·28	1	
1½″×⅜″ heal straps	4	3 4	=13 4	× 2·50	33	
1½″×⅜″ bearing plates	4	0 6¾	= 2 3	× 2·50	6	
⅝″ Hex nuts	8	..	..	× 0·267	2	
Caps of ⅜″ plates, 6″ wide	2	2 × ½	= 2 0	× 15·00	30	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Wrought iron works—cont.		FT. IN.	FT. IN.	FT. IN.		
⅜″ diameter, King rod, for 16′ trusses	4	7 6	=30 0	× 2·01		
⅝″ Do. Hex nuts and heads to trusses ..	4	..	..	× 0·72	60	
3″ Do. ⅛″ thick washers ..	12	7·068	× 0·125	× 0·28	3	
1½″×⅜″ heal straps	8	2 6	20 0	× 1·87	3	
1½″×⅜″ bearing plates	8	0 6¾	..	× 1·87	37	
⅝″ Hex nuts	16	..	..	× 0·267	8	
Caps of ⅜″ plates, 6″ wide	4	2 × ½	= 4	× 15·00	4	
Pin for posts, 1″ diameter	42	1 3	=52 5	× 2·62	60	
Holding down bolts to end of each trusses, ½″ diameter	12	1 9	=21 0	× 0·656	138	
Head and nuts to end of each trusses, ½″ diameter	12	..	..	× 0·128	14	
3″ diameter, 1⅛″ thick washers for holding down bolts and posts	54	7·068	× 0·125	× 0·28	2	
Total lb. ..	..	..	..	..	13	
Tiled roofing with flat and pan tiles including teak reepers.					..	461
Court	1	32 0				
Clerks' private and Inspector's rooms ..	2	29 0	..	30 0	960	
Record-room	1	29 6	..	28 0	1,624	
Verandah in front	1	160 9	..	28 0	826	
Do. to courtyard	2	37 0	..	10 6	1,688	
Total square feet ..	..	..	..	10 6	777	
Terraced roofing.				..	..	5,875
Police guard, arms, passage and property rooms.	1	53 10½	..	17 0	916	
Jail wards	1	38 6	..	17 0	655	
Total square feet ..	..	..	..	..	..	1,571
Doors.						
Teak panel and venetian doors with frames 4″ × 5″ hinges, hooks and other fittings, complete ..	8	3 4	..	7 8	204	
Total square feet ..	..	..	..	..	..	204
Teak panelled doors with frames 4″ × 5″ hinges and other fittings, complete	5	3 4	..	7 8	128	
Total square feet ..	..	..	..	..	..	128
Panel and venetain door with glazed top frames 4″ × 5″ hinges and other fittings, complete ..	1	3 4	..	8 8	32	
Total square feet ..	..	..	..	..	..	32
Iron grated door with battened shutters and fittings, &c., to property rooms	1	3 4	..	7 8	26	
Total square feet ..	..	..	..	..	..	26
Iron grated door with frames strong iron fastenings, &c., to wards	4	4 0	..	8 0	128	
Total square feet ..	..	..	..	..	..	128
Windows.						
Windows with venetian shutters and frames and other fittings, complete	6	3 5	..	4 5	91	
Total square feet ..	..	..	..	..	..	91
Iron grated windows with venetian shutters and glazed top	6	3 5	..	6 2	126	
Iron grated windows with venetian shutters and glazed top to record-room	10	1 6	..	5 9	86	
Total square feet ..	..	..	..	..	..	212

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Ventilators.		FT. IN.	FT. IN.	FT. IN.		
Ventilators with fixed glazed shutters, frames, &c., for courts	2	3 6	..	3 6	25	
Ventilators with fixed glazed shutters, frames, &c., to end rooms	2	3 6	..	3 6	25	
Total square feet	..	..	..	..	..	50
Ventilators with wire netting frames, complete	2	4 0	..	4 0	32	
Do. do. do.	10	4 0	..	1 6	60	
Total square feet	..	..	..	..	..	92
Iron barred ventilators leaded in stone blocks to jail wards and property room	5	4 0	..	1 6	30	
Total square feet	..	..	..	..	..	30
Filling in basement.						
Court	1	24 6	17 6	1 6	643	
Dais	1	5 9	5 6	1 6	47	
Clerks' room	1	25 0				
Private room	1	11 6				
Inspector's room	1	11 6				
Record-room	1	25 6				
Police guard	1	14 $10\frac{1}{2}$				
Arms and record	1	11 $7\frac{1}{2}$				
Passage	1	5 $1\frac{1}{2}$				
Property room	1	15 6				
Jail wards	4	7 $10\frac{7}{8}$				
Verandah	1	152 3	15 6	1 6	3,540	
Do. to courtyard	2	147 9	5 3	1 6	1,164	
Total cubic feet	..	36 6	5 3	1 6	575	
Levelling course of concrete, 6" thick, under flooring.						5,969
Court	1	24 6	..	17 6	429	
Clerks' room	1	25 0				
Private room	1	11 6				
Inspector's room	1	11 6				
Record-room	1	25 6				
Police guard	1	14 $10\frac{1}{2}$				
Arms and record	1	11 $7\frac{1}{2}$				
Passage	1	5 $1\frac{1}{2}$				
Property room	1	15 6				
Jail wards	4	7 $10\frac{7}{8}$				
Levelling course verandah	1	152 3				
Do. in courtyard	2	147 9	..	15 6	2,360	
Courtyard	1	36 6		5 3	776	
		36 6		5 3	383	
Deduct for steps	1	21 0		21 $4\frac{1}{2}$	780	
Total square feet	..	..	..	2 0	42	4,728
						42
						4,686
Flooring with 8" square bricks in chunam and pointing with Portland cement.						
Court	1	25 0	..	18 0	450	
Clerks' room	1	25 6	..	16 0	408	
Private room	1	12 0	..	16 0	192	
Inspector's room	1	12 0	..	16 0	192	
Police guard	1	15 $4\frac{1}{2}$	..	16 0	246	
Arms and records	1	12 $1\frac{1}{2}$	..	16 0	194	
Passage	1	5 $7\frac{1}{2}$	..	16 0	90	
Property room	1	16 0	..	7 0	256	
Verandah	2	153 3	..	7 0	1,073	
Do. to courtyard	1	37 0	..	21 $4\frac{1}{2}$	518	
Courtyard	1	36 6	..	1 0	780	
Doorways	15	4 0	..		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
Flooring with 8" square bricks in chunam and pointing with Portland cement—cont.		FT. IN.	FT. IN.	FT. IN.		
Recess to windows	11	4 0		0 9	33	
Archways	1	6 0		1 9	11	
Do.	1	4 0		1 6	6	
Do. to passage	1	5 $7\frac{1}{2}$		1 6	8	
Deduct for stone for posts	42	1 0		1 0	42	4,517
Total square feet	..	..	..	..	..	42
						4,475
Flooring with asphalte $\frac{3}{4}$" thick.						
Record-room	1	26 0		16 0	416	
Recess to windows	10	2 0		0 9	15	
Do. do.	1	4 0		0 9	3	
Jail wards	4	8 $4\frac{7}{8}$		16 0	538	
Door ways to jail wards	4	4 0		1 0	16	
Total square feet	..	..	..	..	..	988
Plastering interior two coats—						
Court	1	86 0		18 $7\frac{1}{2}$	1,602	
Dais	2	7 0		1 6	21	
Gables	2	18 0		3 6	126	
Do. at sides	2	9 0		1 6	27	
Clerks' room	1	83 0		15 6	1,287	
Private and Inspector's room	2	56 0		15 6	1,736	
Gables	6	16 0		3 0	288	
Record-room	1	84·0		12 0	1,008	
Gables	$1\frac{1}{2}$	16 0		3 0	72	
Police guard	1	62 9				
Arms and records	1	56 3				
Passage	1	43 3				
Property room	1	64 0				
Jail wards	4	48 $9\frac{3}{4}$				
		421 6	..	12 3	5,163	
Parapet wall inside and top	1	200 0		2 3	450	
Binding wall	5	16 6		3 $1\frac{1}{2}$	258	
Do.	2	16 6		3 6	116	
Door jambs and soffits	17	20 0		1 6	510	
Do. to police guard	1	20 0		1 $1\frac{1}{2}$	23	
Do. do.	1	22 0		1 6	33	
Archways to police guard	1	19 6		1 6	29	
Do. do.	1	18 3		1 6	27	
Do. to passage	1	20·10		1 6	3	
Window jamps and soffits	6	14 0		1 6	126	
Do. do.	6	17 6		1 6	158	
Do. record-room	10	14 6		1 6	218	
Do. recess	6 × 2	0 9		3 0	27	
Do. do.	16 × 2	0 9		2 6	60	
Ventilators, jambs, sills and soffits to court and end rooms	6	16 0		1 6	144	
Ventilators, small, jambs	15	11 0		1 6	248	
						13,788
Deductions—						
Doors, one side in main building	8	4 0		7 6	240	
Do. do. in jail wards	4	4 0		8 0	128	
Do. two sides	2 × 6	4 0		7 6	360	
Do. to police guard, one side archways	1	4 0		8 6	34	
Rectangular portion to police guard	1	6 0		5 0	30	
Semicircular portion	1	14 $1\frac{1}{2}$	Area.	..	14	
Rectangular portion to police guard	1	4 0		6 0	24	
Semicircular portion	1	6 3	Area.	..	6	
Rectangular portion to passage	1	5 $7\frac{1}{2}$		6 0	34	
Semicircular portion	1	12 $4\frac{1}{2}$	Area.	..	12	
Windows	6	4 0		5 0	120	
Do. with glazed top	6	4 0		6 $7\frac{1}{2}$	159	
Do. to record room	10	2 0		6 $1\frac{1}{2}$	123	
Ventilators to court and end room	6	4 0		4 0	96	
Do. small	15	4 0		1 6	90	
						1,470
Total square feet	..	..	..	..	..	12,318
Pointing interior—						
All round the basement	1	358 0		2 0	716	
Do. courtyard	1	115 9		1 6	174	

(40—4,000—2-11-95.)

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.		
Court—						
Front and rear with gables	2	21 0		22 1½	929	
Sides	2	9 0		18 7½	335	
Do.	2	3 0		2 0	12	
Clerks' private and Inspector's rooms—						
Front	2	27 0		15 6	837	
Rear	2	8 0		15 6	248	
Do. of clerks' room	2	4 0		4 0	32	
End wall with gables	2	19 0		18 8	709	
Record-room, three sides	1	72 6		12 0	870	
Do. gable	1	19 0		3 2	60	
Police guard, arms and property room, two sides	1	73 4½		13 0	954	
Jail wards—						
Back wall	1	38 6		13 0	501	
Jail wards end wall	1	19 0		13 0	247	
Do. gables	2	19 0		3 2	120	
Jail wards gables end continuation of both sides and top	2	8 0		10 6	168	
Courtyard—						
Front wall of jail wards	1	37 0		13 0	481	
Side wall of Police guard, arms and record and passage	1	35 4½		13 0	460	
Parapet wall, outside	1	202 3		1 0	202	8,055
Deductions—						
Doors	9	4 0		7 6	270	
Do. to jail wards	4	4 0		8 0	128	
Do. to Police guard	1	4 0		8 6	34	
Windows	6	4 0		5 0	120	
Do. with glazed top	6	4 0		6 7½	159	
Do. record room	10	2 0		6 1½	123	
Ventilators	6	4 0		4 0	96	
Do.	15	4 0		1 6	90	
Archways to Police guard—						
Rectangular portion	1	6 0		5 0	30	
Semicircular portion	1	14 1½	Area.	..	14	
Rectangular portion	1	4 0		6 0	24	
Semicircular portion	1	6 3	Area.	..	6	
Rectangular portion	1	5 7½		6 0	34	
Semicircular portion	1	12 4½	Area.	..	12	
Total square feet ..	..	..	..	..	6,915	1,140
Painting doors and windows—						
Panel and venetian doors	8	4 0	2¾	7 6	660	
Do. with glazed top	1	4 0	2¾	8 6	94	
Do. doors	5	4 0	2¾	7 6	338	
Iron grated door with battened shutters ..	1	4 0	2¾	7 6	83	
Iron grated door with battened without shutters	4	4 0	1¾	8 0	160	
Iron barred windows with venetian shutters ..	6	4 0	3¾	5 0	390	
Iron barred windows with glazed top ..	6	4 0	3	6 9	486	
Do. do. do. ..	10	2 0	3	6 3	375	
Fixed glazed ventilators	4	4 0		4 0	64	
Do. wire netting ventilators	2	4 0		4 0	32	
Do. do. do.	11	4 0		1 6	66	
Iron barred ventilators	4	4 0		1 6	24	
Total square feet ..	..	..	..	..	..	2,772
Painting wood work with 3 coats of zinc white paint.						
Two trusses, 18 feet span—						
Tie beams	2	18 0		1 7	57	
Principal rafters	4	11 0		1 5	62	
Struts	4	5 3		1 4	28	
Block on head of trusses	2	2 6		1 3	6	
Purlins	2	29 0		1 7	92	
Wall purlins	2	29 0		1 5	82	
Ridge beam	1	29 0		1 7	46	
Do. at sides	2	4 0		1 7	13	
Common rafters	20	13 0		0 11	238	
Do. do.	10	11 6		0 11	105	
Do. do.	4	10 3		0 11	38	
Do. do.	4	8 6		0 11	31	

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	6	6	7
		FT. IN.	FT. IN.	FT. IN.		
Painting wood work with 3 coats of zinc white paint— cont.						
Common rafters	4	6 9	..	0 11	25	
Do. do.	2	5 0	..	0 11	9	
Hip rafters at sides	4	8 0	..	1 3	40	
Jack rafters	4	12 9	..	0 11	47	
Four trusses, 16 feet span—						
Tie beams	4	16 0	..	1 4	85	
Principal rafters	8	9 6	..	1 3	95	
Struts	8	5 3	..	1 4	56	
Blocks on head of trusses	4	2 6	..	1 3	13	
Clerks' room—						
Purlins in front and rear	2	27 6	..	1 7	87	
Wall purlins	2	27 6	..	1 5	78	
Ridge beam	1	27 6	..	1 7	44	
Do. at side	1	4 0	..	1 7	6	
Common rafters	40	12 0	..	0 11	440	
Jack rafters	2	14 0	..	0 11	26	
Hip rafters	2	8 0	..	1 3	20	
Private room—						
Purlins	2	12 0	..	1 7	38	
Wall purlins	2	12 0	..	1 5	34	
Ridge beam	1	12 0	..	1 7	19	
Common rafters	18	12 0	..	0 11	198	
Inspector's room—						
Purlins	2	14 0	..	1 7	44	
Wall purlins	2	14 0	..	1 5	40	
Ridge beam	1	14 0	..	1 7	22	
Common rafters	22	12 0	..	0 11	242	
Record-room—						
Purlins	2	28 0	..	1 4	75	
Wall purlins	2	28 0	..	1 3	70	
Ridge beam	1	28 0	..	1 5	40	
Common rafters	40	12 0	..	0 10½	420	
Police guard room—						
Beam	1	16 0	..	3 2	51	
Joists	12	15 4½	..	1 1	200	
Arms and record room—						
Joists	12	12 1½	..	1 6	218	
Passage—						
Joists	12	5 7½	..	1 1	78	
Property room—						
Beam	1	16 0	..	3 2	51	
Joists	12	15 2	..	1 1	197	
Jail wards—						
Joists	4 × 12	8 4⅞	..	1 1	438	
Verandah—						
Posts	42	5 9	..	2 0	473	
Cap over posts	42	3 0	..	0 6	63	
Breast-summer to verandah	1	177 9	..	1 5	252	
Do. to courtyard	2	37 0	..	1 5	105	
Rafters	75	10 0	..	1 0	750	
Do. to courtyard	52	10 0	..	1 0	520	
Hips and valley rafters to verandah ..	7	13 0	..	1 3	114	
Jack rafters	14	22 0	..	1 0	308	
Eave planks to verandah	1	182 0	..	1 3	228	
Do. do. to courtyard	2	37 0	..	1 3	93	
Do. main wall to court	2	18 0	..	1 3	45	
Do. clerks' room	2	29 0	..	1 3	73	
Do. private and Inspector's room	2	29 0	..	1 3	73	
Do. record-room	2	29 6	..	1 3	74	
Barge board to court	2	30 0	..	1 7	95	
Do. to end and record-rooms	3	28 0	..	1 7	133	
Additional pieces to above	20	1 6	..	1 7	48	
Do. do. at top	5	3 0	..	1 7	24	
Reepers	..	..	..	..	3,042	
Total square feet ..	..	..	..	..	..	10,852
Wood oiling, 3 coats.						
Record racks (6′ 0″ × 2′ 3″ × 9′ 11″)—						
Uprights	6	10 0	..	1 0	60	
Horizontal pieces	28	2 9	..	0 10	64	
Ends and cross pieces	21	2 0	..	0 10	35	
Horizontal pieces for shelves	42	2 9	..	0 8	77	
Total for one rack ..	..	..	..	..	236	
Total for eleven racks ..	..	..	..	..	..	2,596

(—,000—2-11-95.)

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
Wood oiling, 3 coats—cont.		FT. IN.	FT. IN.	FT. IN.		
Lead sheeting for hips and valleys—						
Verandah	7	12 0	1 6	..	126	
Court	4	9 0	1 6	..	54	
Clerks' room	2	9 0	1 6	..	27	
Total (5 lb. per square foot) ..	..	..	..	..	5 × 207	1,035 lb.
Teakwood turned rails for dais	..	..	..	..	23	23 R. ft.
Running feet of masonry drain from inside of courtyard to the nearest nullah or side drain of the road ..	..	..	..	..	..	
Iron grating to the above	..	..	..	..	..	Rs. 20.
Teakwood punkah, 10 feet long, with brown holland fringes, brass wheels, hooks and other fittings including suspenders and pulling ropes, &c., complete	..	..	..	..	..	No. 2.
Arm rack for 10 rifles, 6′ 9″ long ..	..	..	..	..	..	No. 1.
Pegs for accoutrements, No. 12	..	..	..	..	..	Rs. 15.
Petty supervision at 2½ per cent.	..	..	..	..	..	Rs. 10.
Contingencies at 5 per cent.	..	..	..	..	..	

Estimate Form—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	RS.
16,380 c. ft. ..	Excavation for foundation	4 10 0	1,000 c. ft.	76	
6,682 ,, ..	Concrete broken vertified bricks in chunam ..	14 0 0	100 ,,	935	
9,107 ,, ..	Foundation and basement with stock brick in chunam	19 8 0	Do.	1,776	
11,635 ,, ..	Superstructure with stock brick in chunam ..	20 8 0	Do.	2,385	
449 ,, ..	Segmental archwor do.	22 8 0	Do.	101	
51 ,, ..	Circular archwook do.	23 8 0	Do.	12	
253 ,, ..	Cut stone work do.	2 0 0	cubic foot.	506	
240 sq. ft...	Cuddapah slabs for ventilators including fixing and pointing with cement	24 8 0	100 sq. ft.	59	
888 c. ft. ..	Teakwood wrought and put up	3 8 0	cubic foot.	3,108	
132 ,, ..	Teakwood record racks	4 0 0	Do.	528	
461 lb. ..	Wrought iron work for trusses	0 3 0	lb.	86	
5,875 sq. ft...	Tiled roofing with flat and pan tiles including teak reepers	14 1 0	100 sq. ft.	826	
1,571 ,, ..	Terracing with brick on edge, jelly 3″ thick, 3 courses of flat tiles and 3 coats of plastering on top and ceiling	27 0 0	Do.	424	
208 r. ft. ..	Cornice work with stock brick in chunam ..	0 5 0	R. foot.	65	
204 sq. ft...	Teakwood panel and venetian doors with frames 4″ × 5″ hinges, hooks and other fittings, complete	1 1 0	square foot.	217	
128 ,, ..	Teakwood panel and venetian doors with glazed top frames 4″ × 5″ hinges and other fittings, complete	1 2 0	Do.	144	
32 ,, ..	Teak panel doors with frames 4″ × 5″ hinges and other fittings, complete	0 14 0	Do.	28	
26 ,, ..	Iron grated doors with battened shutters, fittings, &c., to property room	2 7 0	Do.	63	
128 ,, ..	Iron grated door with frames, strong iron fastenings, &c., to wards	1 13 0	Do.	232	
91 ,, ..	Windows with venetian shutters, frames and other fittings, complete	1 1 0	Do.	97	
212 ,, ..	Iron grated windows with glazed top	2 8 0	Do.	530	
50 ,, ..	Fixed glazed ventilators with frames, &c., complete.	1 2 0	Do.	56	
92 ,, ..	Fixed wire netting ventilators with frames, complete	0 11 0	Do.	63	
30 ,, ..	Fixed iron ventilators leaded in stone blocks to jail wards	2 8 0	Do.	70	
5,969 c. ft. ..	Filling in basement	5 0 0	1,000 c. ft.	30	

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	RS.
4,686 sq. ft...	Levelling course of concrete 6″ thick under flooring.	7 0 0	100 sq. ft.	328	
4,475 ,, ..	Flooring with 8″ square bricks in chunam and pointed with Portland cement	7 3 0	Do.	322	
988 ,, ..	Flooring with asphalte ¾″ thick well rubbed over..	17 5 0	Do.	171	
12,318 ,, ..	Plastering with 2 coats of chunam polished inside.	2 8 0	Do.	308	
6,915 ,, ..	Pointing with tar and asphalte	2 8 0	Do.	172	
2,772 ,, ..	Painting doors and windows with 3 coats of Carson's oak paint	2 12 0	Do.	76	
10,852 ,, ..	Painting wood work with zinc white paint ..	2 12 0	Do.	298	
2,596 ,, ..	Wood-oiling 3 coats to record racks	0 15 0	Do.	24	
1,035 lb. ..	Lead sheeting for valleys	0 3 0	lb.	194	
23 r. ft. ..	Teakwood turned rails for dais	1 8 0	R. foot	35	
..	Cost for masonry drain from inside of courtyard to the nearest nullah or side drain of the road ..	..	..	20	
No. 2 ..	Iron gratings to the above drain	0 8 0	each.	1	
,, 1 ..	Teakwood, punkah, 10 feet long, with brown holland fringes, brass wheels, hooks and other fittings, including suspenders and pulling ropes, &c., complete	..	..	20	
..	Arm rack for 10 rifles, 6′ 9″ long	..	..	15	
..	Pegs for accoutrements, No. 12	..	..	10	
..	Petty supervision at 2½ per cent.	..	..	364	14,411
..	Contingencies at 5 per cent.	..	..	725	
	Total ..	..	..	..	1,089
	Grand total of estimate ..	..	..	..	15,500

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

REVISED type design for a Deputy Tahsildar's Office with Mangalore tiled roofing and terraced ceiling for the Sub-jail wards.

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″ from centre to centre. All valleys should be protected with sheet lead. The sub-jail wards will have a terraced ceiling in addition to the tiled roof. Court and other rooms except the sub-jail wards and verandah will be ceiled with ½″ thick teak, planking screwed to the under side of rafters overlapping one inch, the rafters should not be cut.

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.		
Court walls, four sides	1	92 0	4 0	5 0	1,840	
Dais	1	17 0				
Do. steps	2	3 3				
		23 3	2 0	0 9	35	
Clerks' private and Inspector's room, three sides.	2	67 6				
Cross wall	1	13 6				
Record room, three sides	1	68 6				
Police guard, arms and property room, three sides	1	122 3				
Cross wall	1	13 6				
		352 9	4 0	5 0	7,055	
Cross walls	2	13 6	3 7½	5 0	489	
Jail wards, front and rear walls	2	34 6				
End wall to jail wards	1	27 0				
		96 0	4 0	5 0	1,920	
Cross wall to jail wards	3	13 6	3 7½	5 0	734	
Verandah all round	1	172 0				
Do. to courtyard	2	34 6				
		241 0	3 6	5 0	4,218	
Steps in front	1	18 6				
Do. in rear	2	11 6				
		41 6	2 3	0 9	70	
Steps to courtyard	1	7 3				
	1	6 3				
	1	6 6				
		20 0	1 3	0 9	19	
Total cubic feet	..	..	..	..	..	16,380
Concrete—						
Court wall, four sides	1	92 0	4 0	2 0	736	
Dais	1	19 6				
Do. steps	2	4 0				
		27 6	2 0	0 9	41	
Clerks' private and Inspector's room, three sides.	2	67 6				
Cross wall	1	13 6				
Record room, three sides	1	68 6				
Police guard, arms and property rooms, three sides	1	122 3				
Cross wall	1	13 6				
		352 9	4 0	2 0	2,822	
Cross walls	2	13 6	3 7½	2 0	196	
Jail wards, front and rear walls	2	34 6				
End wall to jail wards	1	27 0				
		96 0	4 0	2 0	768	
Cross walls to jail wards	3	13 6	3 7½	2 0	294	
Verandah all round	1	172 0				
Do. to courtyard	2	34 6				
		241 0	3 6	2 0	1,687	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Concrete—*cont.*		FT. IN.	FT. IN.	FT. IN.		
Steps in front	1	18 6				
Do. in rear	2	11 6				
		41 6	3 3	0 9	101	
Steps to courtyard	1	8 3				
	1	7 3				
	1	6 6				
		22 0	2 3	0 9	37	
Total cubic feet	..	..	..	..	..	6,682
Brickwork in foundations.						
Footings—						
Court wall, four sides	1	92 0				
Clerks' private and Inspector's room, three sides.	2	68 9				
Cross wall	1	14 9				
Record room, three sides	1	69 9				
Police guard, arms and property room, three sides	1	123 6				
Cross wall	1	14 9				
		452 3	2 9	1 6	1,866	
Cross wall	2	14 9	2 4½	1 6	105	
Jail wards, front and rear walls	2	35 9				
End wall to jail wards	1	27 0				
		98 6	2 9	1 6	406	
Cross walls to jail wards	3	14 9	2 4½	1 6	158	
Verandah all round	1	172 6				
Do. to courtyard	2	35 9				
		244 0	2 3	1 6	824	
Above footings to ground level.						
Court wall, four sides	1	92 0				
Clerks' private and Inspector's rooms, three sides.	2	69 6				
Cross wall	1	15 6				
Record room, three sides	1	70 6				
Police guard, arms and property room, three sides	1	124 3				
Cross wall	1	15 6				
		456 9	2 0	1 6	1,370	
Cross walls	2	15 6	1 7½	1 6	76	
Jail wards, front and rear walls	2	36 6				
End wall to jail wards	1	27 0				
		100 0	2 0	1 6	300	
Cross walls to jail wards	3	15 6	1 7½	1 6	113	
Verandah all round	1	174 0				
Do. to courtyard	2	36 6				
		247 0	1 6	1 6	556	
Basement—						
Court walls, four sides	1	92 0	2 0	2 0	368	
Dais	1	19 0	1 6	2 0	57	
Do. to steps	2	4 0	2 0	2 0	32	
Clerks' private and Inspector's room, three sides.	2	69 6				
Cross wall	1	15 6				
		154 6	..	..	..	
Record-room, three sides	1	70 6				
Police, guard, arms and property room, three sides	1	124 3				
Cross wall	1	15 6				
		364 9	2 0	2 0	1,459	
Cross walls	2	15 6	1 7½	2 0	101	
Jail wards, front and rear	2	36 6				
End wall to jail wards	1	27 0				
		100 0	2 0	2 0	400	

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
Basement—*cont.*		FT. IN.	FT. IN.	FT. IN.		
Cross walls to jail wards	3	15 6	1 7½	2 0	151	
Verandah all round	1	174 0				
Do. to courtyard	2	36 6				
		247 0	1 6	2 0	741	
Steps in front	1	14 0	1 0	0 6	7	
Do do.	1	16 0	2 0	0 6	16	
Do. do.	1	18 0	3 0	0 6	27	
Do. in rear	2	7 0	1 0	0 6	7	
Do. do.	2	9 0	2 0	0 6	18	
Do. do.	1	11 0	3 0	0 6	17	
Do. in courtyard	1	8 0	2 0	0 9	12	
Do. do.	1	7 0	2 0	0 9	11	
Do. do.	1	6 0	2 0	0 9	9	
						9,207
Deductions—						
Stone slabs on top of step in front	1	18 0	3 3	0 6	29	
Do. do. in rear	2	11 0	3 3	0 6	36	
Do. do. to courtyard	1	8 0	2 2	0 6	9	
	1	7 0	2 2	0 6	8	
	1	6 0	2 2	0 6	7	
Stones under posts let into basement 3″	42	1 0	1 0	0 3	11	100
Total cubic feet	..	..	..	..	..	9,107
Superstructure—						
Court walls, four sides	1	92 0	1 6	18 7½	2,570	
Dais	1	19 6	1 3	1 6	37	
Do. steps	2	4 0	2 0	0 9	12	
Gables, front and rear	2	21 0	1 6	3 6	221	
Do. at sides	2	9 0	1 6	1 6	41	
Clerks' private and Inspector's rooms, three sides	2	70 0				
Cross wall	1	16 0				
		156 0	1 6	15 6	3,627	
Gables	3	19 0	1 6	3 2	271	
Record-room, three sides	1	71 0	1 6	12 0	1,278	
Police, guard, arms and property rooms, three sides	1	124 9				
Cross walls	1	16 0				
		140 9	1 6	13 0	2,745	
Cross walls	2	16 0	1 1½	13 0	468	
Jail wards, front and rear walls	2	37 0	1 6	13 0	1,443	
End wall to jail wards	1	19 0	1 6	13 0	371	
Continuation of jail wards	1	8 0	1 6	9 6	114	
Cross walls of do.	3	16 0	1 1½	13 0	702	
Gables to record-room and jail wards	6	19 0	1 6	3 2	542	
	5	19 0	1 1½	3 2	338	
String, course, over door to Police guard	1	5 6				
Do. over windows	5	5 6				
Do. to record-room	10	3 6				
	1	5 6				
Do. ventilators to court	4	5 6				
	2	5 6				
Do. to end walls	2	5 6				
		117 6	0 3	0 3	7	14,787
Deductions—						
Doors	17	4 0	1 6	8 0	816	
	1	4 0	1 1½	8 0	36	
Do. with glazed top	1	4 0	1 6	8 9	53	
Windows	6	4 0	1 6	5 0	180	
Do. recess	6	4 0	0 9	3 0	54	
Do. with glazed top	6	4 0	1 6	6 3	225	
Do. with recess	6	4 0	0 9	2 6	45	
Do. to record-room	10	2 0	1 6	6 1½	184	
Do. to recess	10	2 0	0 9	2 6	38	
Ventilators to court and end rooms	6	4 0	1 6	4 4½	158	
Do. to court, small	11	4 0	1 6	1 9	116	
Do. to jail wards	4	4 0	1 6	1 9	42	
Archways to Police guard rectangular portion.	1	6 0	1 6	5 0	45	
Do. do. semicircular portion	1	14 1½	Area.	1 6	21	
Do. do. small, rectangular portion	1	4 0	1 6	6 0	36	
Archways to Police guard, small, semicircular portion	1	6 3	Area.	1 6	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
Deductions—*cont.*		FT. IN.	FT. IN.	FT. IN.		
Archways to passage	1	5 7½	1 6	6 0	51	
Do. to semicircular portion	1	12 4½	Area.	1 6	19	
Archwork as per details	..	..	..	..	553	
Sill stone to door ways	13	5 0	1 6	0 6	49	
Do. arms and record-rooms	1	5 0	1 1½	0 6	3	
Do. property room	1	6 6	1 6	0 6	5	
Stone for iron doors to jail wards	4×5	1 3	0 10½	0 6	11	
Do. do. at recesses	4	3 0	1 6	1 6	27	
Bed plates under trusses	12	1 6	1 6	0 4	9	
Stone for jail wards ventilators	4×4	1 0	1 6	0 9	18	2,803
Total cubic feet	..	..	..	..	..	11,984
Segmental archwork—						
Doors, court, and other rooms	18	5 6	1 6	1 1½	167	
Door, arms and record-rooms	1	5 6	1 1½	1 1½	7	
Windows	12	5 6	1 6	1 1½	111	
Do. to record-room	10	3 6	1 6	1 1½	59	
Ventilators to court and other rooms	17	5 6	1 6	0 9	105	
Total cubic feet	..	..	..	..	449	449
Circular archwork—						
Archways to Police guard	1	11 3	1 6	1 1½	19	
Do. do.	1	8 0	1 6	1 1½	14	
Do. to passage	1	10 7½	1 6	1 1½	18	
Total cubic feet	..	..	..	..	..	51
Cutstone work—						
Slabs under trusses to court clerks and record-room	12	1 6	1 6	0 4	9	
Slabs to steps in front	1	18 0	3 3	0 6	29	
Do. at sides	2	11 0	3 3	0 6	36	
Do. to courtyard	1	8 0	2 2	0 6	9	
Do. do.	1	7 0	2 2	0 6	8	
Do. do.	1	6 0	2 2	0 6	7	
Stones for posts, including the portion (3″) let into basement	42	1 0	1 0	1 0	42	
Sill stones to doorways	13	5 0	1 6	0 6	49	
Do. to arms and record-room	1	5 0	1 1½	0 6	3	
Do. to property room	1	6 6	1 6	0 6	5	
Do. to for iron doors to jail wards	4 × 5	1 3	0 10½	0 6	11	
Do. at recess	4	3 0	1 6	1 6	27	
Do. for ventilators to jail wards	4 × 4	1 0	1 6	0 9	18	
Total cubic feet	..	..	..	..	..	253
Cuddapah slabs, 2 inches thick—						
Ventilators to court	2 × 5	5 0	1 6	..	240	
Do. small, to court and other rooms	11 × 2					
Total square feet	..	..	..	..	..	240
Teakwood, wrought, and put up, 2 trusses of 18 feet span.						
Tie beams	2	21 0	0 4	0 7½	9	
Principal rafters	4	12 0	0 4	0 6½	9	
Struts	4	5 6	0 4	0 4	2	
Blocks on head of trusses	2	1 3	0 6	0 9	1	
Courts—						
Purlins, including overlapping	2	33 0	0 5	0 7	16	
Wall purlins	2	28 0	0 3	0 7	8	
Ridge beam	1	33 0	0 3	0 8	6	
Do. at sides	2	5 6	0 3	0 8	2	
Common rafters, 2½ feet apart, from centre to centre	14	14 0	0 3	0 4	16	
Do. do.	8	12 6	0 3	0 4	8	
	2	10 6	0 3	0 4	2	
	2	10 3	0 3	0 4	2	
	2	7 6	0 3	0 4	1	
	2	7 3	0 3	0 4	1	
Hip rafters at sides	4	9 0	0 3	0 6	5	
Jack rafters do.	4	6 0	0 3	0 4	2	
Do. do.	4	2 9	0 3	0 4	1	

5

(40—4,000—2-11-95.)

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.		
Clerks and record rooms, 4 trusses of 16 feet span.						
Tie beams	4	19 0	0 4	0 6	13	
Principal rafters	8	10 0	0 4	0 5½	12	
Struts	8	5 6	0 4	0 4	5	
Block on head of trusses	4	1 3	0 6	0 9	2	
Clerks' room—						
Furlins in front and rear	2	31 0	0 5	0 7	15	
Wall purlins	2	31 0	0 3	0 7	9	
Ridge beam	1	31 0	0 3	0 8	5	
Do. at side	1	5 6	0 3	0 8	1	
Common rafters	26	13 6	0 3	0 4	29	
Jack rafters	2	7 0	0 3	0 4	1	
Do.	2	2 6	0 3	0 4	1	
Hip rafters	2	9 0	0 3	0 6	2	
Private and Inspector's rooms—						
Purlins	2	31 0	0 5	0 7	15	
Wall purlins	2	31 0	0 3	0 7	9	
Ridge beam	1	31 0	0 3	0 8	5	
Do. at sides	1	5 6	0 3	0 8	1	
Common rafters	28	13 6	0 3	0 4	32	
Jack rafters	2	7 0	0 3	0 4	1	
Do.	2	2 6	0 3	0 4	1	
Hip rafters	2	9 0	0 3	0 6	2	
Record-room—						
Purlins	2	31 0	0 4	0 6	10	
Wall purlins	2	31 0	0 3	0 6	8	
Ridge beam	1	31 0	0 3	0 7	5	
Common rafters	26	13 6	0 2½	0 4	24	
Police guard room—						
Wall plates	2	16 4½	0 3	0 4	3	
Common rafters (average)	14	13 0	0 3	0 5	19	
Collar pieces, large	7	14 9	0 3	0 5	11	
Do. small	7	8 6	0 3	0 4	5	
Arms and record room—						
Wall plates	2	13 1½	0 3	0 4	2	
Common rafters (average)	12	13 0	0 3	0 5	16	
Collar pieces, large	6	14 9	0 3	0 5	9	
Do. small	6	8 6	0 3	0 4	4	
Passage—						
Wall purlins	2	6 7½	0 3	0 4	1	
Common rafters (average)	6	13 0	0 3	0 5	8	
Collar pieces, large	3	14 9	0 3	0 5	5	
Do. small	3	8 6	0 3	0 4	2	
Property room—						
Wall plates in rear	1	17 0	0 3	0 4	1	
Common rafters	9	13 6	0 3	0 5	13	
Collar pieces, large	4	14 9	0 3	0 5	6	
Do. small	4	8 6	0 3	0 4	3	
Jack rafters	4	10 0	0 3	0 5	4	
Do.	4	7 0	0 3	0 5	3	
	4	4 0	0 3	0 5	2	
Collar pieces, large	3	8 6	0 3	0 5	3	
Do. small	6	4 6	0 3	0 4	2	
Hip rafters	2	15 0	0 3	0 6	4	
Jail wards—						
Wall plates	2	38 0	0 3	0 4	6	
Common rafters (average)	32	13 0	0 3	0 5	43	
Collar pieces, large	16	14 9	0 3	0 5	25	
Do. small	61	8 6	0 3	0 4	11	
Verandah—						
Posts	42	6 0	0 6	0 6	63	
Caps over posts	42	1 0	1 0	0 6	21	
Breast-summers to verandah	1	187 0	0 5	0 6	39	
Do. to courtyard	2	39 0	0 5	0 6	16	
Rafters	49	10 6	0 3	0 4½	48	
Do. to courtyard	32	10 6	0 3	0 4½	32	
Hip and valley rafters to verandah	4	13 6	0 3	0 6	12	
Jack rafters	14	6 3	0 3	0 4½	8	
Do.	14	3 9	0 3	0 4½	5	
Wall plates to verandah	1	133 0	0 3	0 3	8	
Do. to courtyard	2	38 0	0 3	0 3	5	
Eave plank for rafters to verandah	1	182 0	0 1	0 7	9	
Do. do. to courtyard	2	37 0	0 1	0 7	4	
Main wall to court	2	18 0	0 1	0 7	2	
Do. to clerks' private and Inspector's room	2	58 0	0 1	0 7	6	
Main wall to record-room	2	29 6	0 1	0 7	3	
Police guard, arms, passage	2	35 4½	0 1	0 7	3	
Property room and jail wards in rear	1	61 6	0 1	0 7	3	

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.		
Verandah—*cont.*						
Jail wards in front	1	41 0	0 1	0 7	2	
Barge board to court	2	30 0				
Do. to end rooms	2	28 0				
Do. to record-rooms and jail wards	3	28 0				
Additional pieces to above	28	1 6				
Do. at top	7	3 0				
		263 0	0 1	0 9	16	..
Beams and joists for terraced ceiling for the Sub-jail wards.						
Police guard room—						
Beam	1	18 6	0 10½	1 0	16	
Joists	12	17 3	0 3	0 5	22	
Arms and record-room—						
Joists	12	13 7½	0 3	0 7½	26	
Passage—						
Joists	12	7 1½	0 3	0 5	9	
Property room—						
Beam	1	18 6	0 10½	1 0	16	
Joists	12	18 0	0 3	0 5	23	
Jail wards—						
Joits	12	40 0	0 3	0 5	50	
Wall plates to Police guard, arms, passage, property and jail wards	10	17 0	0 4	0 3	14	
Total cubic feet	..	..	..	..	..	991
Teakwood record-racks (6′ × 2′ 3″ × 9′ 11″).						
Upright	6	9 11	0 3	0 3	4	
Horizontal pieces	28	2 10½	0 2	0 3	3	
Ends and cross pieces	21	2 3	0 2	0 3	2	
Horizontal pieces for shelves	42	2 10½	0 3	0 1	3	
Total for one rack	..	..	..	..	12	
Total for eleven racks, cubic feet	..	..	..	..	..	132
Wrought iron work.						
1″ diameter, King rod, for 18 feet trusses	2	8 6 = 17 × 2·62			45	
1″ Hex nut and head to do. do.	2	.. .. × 1·10			2	
3″ diameter, ⅛″ thick washers	6	7·068 × ·125 = 5 × 0·28			1	
1½″ × ⅛″ heal straps	4	3 4 = 13·4 × 2·50			33	
1⅜″ × ½″ bearing plates	4	0 6¾ 2 3 × 2·50			6	
⅝″ Hex nuts	8	.. .. × 0·267			2	
Caps of ⅜″ plates, 6″ wide	2	2 × ⅓ = 2 × 15·00			30	
⅞″ diameter, King rod, for 16 feet trusses	4	7 6 = 30 0 × 2·01			60	
¾″ do. Hex nut and heads to trusses	4	.. .. × 0·72			3	
3″ do. ⅛″ thick washers	12	7·068 × 0·125 × 0·28			3	
1½″ × ⅜″ heal straps	8	2 6 = 20 0 × 1·87			37	
1⅜″ × ⅜″ bearing plates	8	0 6¾ .. × 1·87			8	
⅝″ Hex nuts	16	.. .. × 0·267			4	
Caps of ⅜″ plates, 6″ wide	4	2 × ½ 0 4 × 15·0			60	
Pin for posts, 1″ diameter	42	1 3 = 52·5 × 2·62			138	
Holding down bolts at end of each trusses, ½″ diameter	12	1 9 = 21·0 × 0 656			14	
Head and nuts at end of each trusses, ½″ diameter	12	.. .. × 0·128			2	
3″ diameter, ⅛″ thick washers, for holding down bolts and posts	54	7·068 × 0·125 × 0·28			13	
Total iron work	..	..	..	..	..	461
Teakwood ceiling planks ,½″ thick, should be screwed to under sides of rafters, overlapping one inch.						
Court	1	32 0	..	30 0	960	
Clerks' private and Inspector's rooms	2	29 0	..	28 0	1,624	
Record-room	1	29 6	..	28 0	826	
Total square feet	..	..	..	..	..	3,410
Roofing with Mangalore tiles including teak reepers.						
Court	1	32 0	..	30 0	960	
Clerks' private and Inspector's rooms	2	29 0	..	28 0	1,624	
Record-room	1	29 6	..	28 0	826	

(40—4,000—2-11-95.)

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
Roofing with Mangalore tiles including teak reepers—cont.		FT. IN.	FT. IN.	FT. IN.		
Police guard, arms and passage	1	35 $4\frac{1}{2}$	..	28 0	991	
Property room and jail wards	1	61 6	..	26 6	1,630	
Verandah in front	1	160 9	..	10 6	1,688	
Do. to court-yard	2	37 0	..	10 6	777	
Total square feet	..	..	..	..	8,496	8,496
Terraced ceiling to Jail wards, &c.						
Police guard, arms, passage and property rooms.	1	53 $10\frac{1}{2}$	..	17 0	916	
Jail wards	1	38 6	..	17 0	655	
Total square feet	..	..	..	..	..	1,571
Doors—						
Teak panel and venetian doors with frames 4″ × 5″ hinges, hooks and other fittings, complete	8	3 4	..	7 8	204	
Total square feet	..	..	..	..	..	204
Teak panel doors with frames 4″ × 5″ hinges, and other fittings, complete	5	3 4	..	7 8	128	
Total square feet	..	..	..	..	..	128
Panel and venetian door with glazed top frames 4″ × 5″ hinges and other fittings, complete	1	3 4	..	8 8	32	
Total square feet	..	..	..	..	..	32
Iron grated door with battened shutters and fittings, &c., to property room	1	3 4	..	7 8	26	
Total square feet	..	..	..	..	..	26
Iron grated door with frames, strong iron fastenings, &c., to wards	4	4 0	..	8 0	128	
Total square feet	..	..	..	..	..	128
Windows—						
Windows with venetian shutters and frames and other fittings, complete	6	3 5	..	4 5	91	
Total square feet	..	..	..	..	..	91
Iron grated windows with venetian shutters and glazed top	6	3 5	..	6 2	126	
Do. do. to record-room	10	1 6	..	5 9	86	
Total square feet	..	..	..	..	..	212
Ventilators—						
Ventilators with fixed glazed shutters, frames, &c., for court	2	3 6	..	3 6	25	
Do. do. to end rooms	2	3 6	..	3 6	25	
Total square feet	..	..	..	..	..	50
Ventilators with wire netting frames, complete.	2	4 0	..	4 0	32	
Do. do. do.	10	4 0	..	1 6	60	
Total square feet	..	..	..	..	..	92
Iron barred ventilators leaded in stone blocks to jail wards and property room	5	4 0	..	1 6	30	
Total square feet	..	..	..	..	..	30
Filling in basement—						
Court	1	24 6	17 6	1 6	643	
Dais	1	5 9	5 6	1 6	47	
Clerks' room	1	25 0	..	..	..	
Private ,,	1	11 6	..	..	..	
Inspector's room	1	11 6	..	..	..	
Record ,,	1	25 6	..	..	..	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Filling in basement—*cont.*		FT. IN.	FT. IN.	FT. IN.		
Police guard	1	14 $10\frac{1}{2}$	..	..	..	
Arms and record	1	11 $7\frac{1}{2}$	..	..	..	
Passage	1	5 $1\frac{1}{2}$	..	..	..	
Property room	1	15 6	..	..	..	
Jail wards	4	7 $10\frac{7}{8}$	..	..	..	
	..	152 3	15 6	1 6	3,540	
Verandah	1	147 9	5 3	1 6	1,164	
Do. in courtyard	2	36 6	5 3	1 6	575	
Total cubic feet	..	..	..	..	..	5,969
Levelling course of concrete 6″ thick under flooring.						
Court						
Clerks' room	1	24 6	..	17 6	429	
Private ,,	1	25 0	..	..	..	
Inspector's ,,	1	11 6	..	..	..	
Record ,,	1	11 6	..	..	..	
Police guard	1	25 6	..	..	..	
Arms and record	1	14 $10\frac{1}{2}$	..	..	..	
Passage	1	11 $7\frac{1}{2}$	..	..	..	
Property room	1	5 $1\frac{1}{2}$	..	..	..	
Jail wards	1	15 6	..	..	..	
	4	7 $10\frac{7}{8}$	..	..	..	
		152 3	..	15 6	2,360	
Verandah	1	147 9	..	5 3	776	
Do. in courtyard	2	36 6	..	5 3	383	
Courtyard	1	36 6	..	21 $4\frac{1}{2}$	780	
Deduct—						
For steps	1	21 0	..	2 0	42	42
Total square feet	..	..	..	..	..	4,686
Flooring with 8″ square bricks in chunam and pointing with Portland cement.						
Court	1	25 0	..	18 0	450	
Clerks' room	1	25 6	..	16 0	408	
Private ,,	1	12 0	..	16 0	192	
Inspector's ,,	1	12 0	..	16 0	192	
Police guard	1	15 $4\frac{1}{2}$	..	16 0	246	
Arms and records	1	12 $1\frac{1}{2}$	..	16 0	194	
Passage	1	5 $7\frac{1}{2}$	..	16 0	90	
Property room	1	16 0	..	16 0	256	
Verandah	1	153 3	..	7 0	1,073	
Do. to courtyard	2	37 0	..	7 0	518	
Courtyard	1	36 6	..	21 $4\frac{1}{2}$	780	
Doorways	15	4 0	..	1 0	60	
Recess to windows	11	4 0	..	0 9	33	
Archways	1	6 0	..	1 9	11	
Do.	1	4 0	..	1 6	6	
Do. to passage	1	5 $7\frac{1}{2}$	..	1 6	8	
Deduct for stone for posts	42	1 0	..	1 0	42	4,517 42
Total square feet	..	..	..	..	..	4,475
Flooring with asphalte, $\frac{3}{4}$″ thick.						
Record-rooms	1	26 0	..	16 0	416	
Recess to windows	10	2 0	..	0 9	15	
Jail wards	1	4 0	..	0 9	3	
Doorways to jail wards	4	8 $4\frac{7}{8}$	..	16 0	538	
	4	4 0	..	1 0	16	
Total square feet	..	..	..	..	..	988
Plastering interior, two coats.						
Court	1	86 0	..	18 $7\frac{1}{2}$	1,602	
Dais sides	2	7 0	..	1 6	21	
Gables	2	18 0	..	3 6	126	
Do. at sides	2	9 0	..	1 6	27	
Clerks' room	1	83 0	..	15 6	1,287	
Private and Inspector's room	2	56 0	..	15 6	1,736	

Estimate Form – Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Plastering interior, two coats—cont.		FT. IN.	FT. IN.	FT. IN.		
Gables	6	15·0	..	3 0	288	
Record room	1	84 0	..	12 0	1,008	
Gables	1½	16 0	..	3 0	72	
Police guard	1	62 9	..	..	..	
Arms and record-room	1	56 3	..	..	..	
Passage	1	43 3	..	..	..	
Property room	1	64·0	..	..	..	
Jail wards	4	48 9¾	..	..	..	
		421 6	..	12 3	5,163	
Gables to jail wards and property room, &c.	17	16 0	..	3 0	816	
Door jambs and soffits of do	17	20 0	..	1 6	510	
Do. do. to police guard	1	20 0	..	1 1½	23	
Do. do. do.	1	22 0	..	1 6	33	
Archways to police guard	1	19 6	..	1 6	29	
Do. do.	1	18 3	..	1 6	27	
Do. to passage	1	20 10	..	1 6	31	
Window jambs and soffits	6	14 0	..	1 6	126	
Do. do.	6	17 6	..	1 6	158	
Do. record room	10	14 6	..	1 6	218	
Do. recess	6 × 2	0 9	..	3 0	27	
Do. do.	16 × 2	0 9	..	2 6	60	
Ventilators, jambs, sills and soffits to court and end room	6	16 0	..	1 6	144	
Ventilators, small, and jambs	15	11 0	..	1 6	248	13,780
Deductions—						
Doors, one side, in the main building	8	4 0	..	7 6	240	
Do. do. in jail wards	4	4 0	..	8 0	128	
Do. two sides	2 × 6	4 0	..	7 6	360	
Do. to police guard, one side	1	4 0	..	8 6	34	
Archways—						
Rectangular portion to police guard	1	6 0	..	5 0	30	
Semicircular portion	1	14 1½	Area.	..	14	
Rectangular portion to police guard	1	4 0	..	6 0	24	
Semicircular portion	1	6 3	Area.	..	6	
Rectangular portion to passage	1	5 7½	..	6 0	34	
Semicircular portion	1	12 4½	Area.	..	12	
Windows	6	4 0	..	5 0	120	
Do. with glazed top	6	4 0	..	6 7½	159	
Do. to record room	10	2 0	..	6 1½	123	
Ventilators to court and end room	6	4 0	..	4 0	96	
Do. small	15	4 0	..	1 6	90	
						1,470
Total square feet	..	..	..	..	..	12,310
Pointing exterior—						
All round the basement	1	358 0	..	2 0	716	
Do. the courtyard	1	115·9	..	1 6	174	
Court—						
Front and rear with gables	2	21 0	..	22 1½	929	
Sides	2	9 0	..	18 7½	335	
Do.	2	3 0	..	2 0	12	
Clerks' private and Inspector's room—						
Front	2	27 0	..	15 6	837	
Rear	2	8 0	..	15 6	248	
Do.	2	4 0	..	4 0	32	
End walls with gables	2	19 0	..	18 8	709	
Record room, three sides	1	72 6	..	12 0	870	
Do. gable	1	19 0	..	3 2	60	
Police guard, arms and property room, two sides	1	73 4½	..	13 0	954	
Jail wards—						
Back wall	1	38 6	..	13 0	501	
End wall	1	19 0	..	13 0	247	
Gables	2	19 0	..	3 2	120	
Continuation of end wall sides and top	2	8 0	..	10 6	168	
Courtyard—						
Front wall of jail wards	1	37 0	..	13 0	481	
Side wall of police guard, arms, record and passage	1	35 4½	..	13 0	460	
						7,853
Deductions—						
Doors	9	4 0	..	7 6	270	
Do. in jail wards	4	4 0	..	8 0	128	
Do. in police guard	1	4 0	..	8 6	34	
Windows	6	4 0	..	5 0	120	
Do. with glazed top	6	4 0	..	6 7½	159	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Pointing exterior—cont.		FT. IN.	FEET.	FT. IN.		
Deductions—*cont.*						
Windows to record-room						
Ventilators						
Do.	10	2 0	..	6 1½	123	
Archways to police guard—	6	4 0	..	4 9	96	
Rectangular portion	15	4 0	..	1 6	90	
Semicircular do.						
Rectangular do.	1	6 0	..	5 0	30	
Semicircular do.	1	14 1½	Area.	..	14	
Rectangular do.	1	4 0	..	6 0	24	
Semicircular do.	1	6 3	Area.	..	6	
	1	5 7½	..	6 0	34	
	1	12 4½	Area.	..	12	
Total square feet	..	..	..	..	..	1,140
Painting doors and windows—						
Panel and venetian doors	8	4 0				
Do. with glazed top	1	4 0	2¼	7 6	660	
Do. doors	5	4 0	2¼	8 6	94	
Iron-grated door with battened shutters	1	4 0	2¼	7 6	338	
Do. do. without shutters	4	4 0	3¼	7 6	83	
Iron-barred windows with venetian shutters	6	4 0	1½	8 0	160	
Do. do. with glazed top	6	4 0	3¼	5 0	390	
Do. do. do.	10	2 0	3	6 9	486	
Fixed glazed ventilators	4	4 0	3	6 3	375	
Do. wire-netting ventilators	2	4 0	..	4 0	64	
Do. do. do.	11	4 0	..	4 0	32	
Iron-barred ventilators	4	4 0	..	1 6	66	
Total square feet	..	..	..	1 6	24	
				..	..	6,713
Painting wood work with three coats of zinc white paint.						
Two trusses of 18 feet span						
Principal rafters	2	18 0				
Struts	4	11 0	..	1 7		
Block on head of trusses	4	5 3	..	1 5	57	
Court—	2	2 6	..	1 4	62	
Purlins			..	1 3	28	
Wall purlins	2	29 0			6	
Clerks' and record room—	2	29 0	..	1 7		
Four trusses of 16 feet span—			..	1 5	92	
Tie beams					82	
Principal rafters	4	16 0				
Struts	8	9 6	..	1 4		
Blocks on heads of trusses	8	5 3	..	1 3	85	
Clerks' room—	4	2 6	..	1 4	95	
Purlins			..	1 3	56	
Wall purlins	2	27 6			13	
Private room—	2	27 6	..	1 7		
Purlins			..	1 5	87	
Wall purlins	2	12 0			78	
Inspector's room—	2	12 0	..	1 7		
Purlins			..	1 5	38	
Wall purlins	2	14 0			34	
Record room—	2	14 0	..	1 7		
Purlins			..	1 5	44	
Wall purlins	2	28 0			40	
Verandah—	2	28 0	..	1 4		
Posts			..	1 3	75	
Cap over posts	42	5 9			70	
Breast-summers to verandah	42	3 0	..	2 0		
Do. to courtyard	1	177 9	..	0 6	473	
Rafters	2	37 0	..	1 5	63	
Do. to courtyard	49	10 0	..	1 5	252	
Hip and valley rafters to verandah	32	10 0	..	1 0	105	
Jack rafters	7	13 0	..	1 0	490	
Do.	14	6 3	..	1 3	320	
Eave planks to rafters to verandah	14	3 9	..	1 0	114	
Do. to courtyard	1	182 0	..	1 0	88	
Do. to main wall to court	2	37 0	..	1 3	53	
Do. to clerks' private and Inspector's rooms	2	18 0	..	1 3	228	
Do. to record-room	2	58 0		1 3	93	
Police guard, arms and passage	2	29 6	..		45	
Property room and jail wards	2	35 4½	..	1 3		
	1	61 6	..	1 3	145	
				1 3	74	
					88	
					77	
					..	2,772

(40—4,000—2-11-95.)

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Painting wood work with three coats of zinc white paint—cont.		FT. IN.	FT. IN.	FT. IN.	FT. IN.	
Verandah—*cont.*						
Jail wards in front	1	41 0	..	1 3	51	
Barge board to court	2	30 0	..	1 7	95	
Do. to end rooms	2	28 0	..	1 7	89	
Do. to record-rooms and jail wards	3	28 0	..	1 7	133	
Additional pieces to barge boards	28	1 6	..	1 7	67	
Do. at top	7	3 0	..	1 7	33	
Wood work for terraced ceiling—						
Police guard room—						
Beam	1	16 0	..	2 10	45	
Joists	12	15 4½	..	1 1	200	
Arms and record-room—						
Joists	12	12 1½	..	1 6	218	
Passage—						
Joists	12	5 7½	..	1 1	73	
Property room—						
Beam	1	16 0	..	2 10	45	
Joists	12	15 2	..	1 1	197	
Jail wards—						
Joists	4×12	8 4⅞	..	1 1	437	
Ceiling planks to court	1	32 0	..	30 0	960	
Do. clerks' private and Inspector's room.	2	29 0	..	28 0	1624	
Record-room	1	29 6	..	28 0	826	
Total square feet	..	..	..	..	..	8,843
Painting wood work hidden by the ceiling plank.						
Court—						
Ridge beam	1	29 0	..	1 7	46	
Do.	2	4 0	..	1 7	13	
Common rafters	14	13 0	..	0 11	167	
Do.	8	11 6	..	0 11	84	
Do.	2	9 6	..	0 11	17	
Do.	2	9 3	..	0 11	17	
Do.	2	6 6	..	0 11	12	
Do.	2	6 3	..	0 11	11	
Hip rafters at sides	4	8 0	..	1 3	40	
Jack rafters	4	8 9	..	0 11	31	
Clerks' room—						
Ridge beam	1	27 6	..	1 7	44	
Do. at sides	1	4 0	..	1 7	6	
Common rafters	26	12 0	..	0 11	286	
Jack do.	2	9 6	..	0 11	17	
Hip do.	2	8 0	..	1 3	20	
Private and Inspector's room—						
Ridge beam	1	26 0	..	1 7	41	
Do. at sides	1	4 0	..	1 7	6	
Common rafters	28	12 0	..	0 11	308	
Jack rafters	2	9 6	..	0 11	17	
Hip do.	2	8 0	..	1 3	20	
Record room—						
Ridge beam	1	28 0	..	1 5	40	
Common rafters	26	12 0	..	0 10½	273	
Police guard room—						
Common rafters	14	12 0	..	1 1	182	
Collar pieces, large	7	14 9	..	1 1	112	
Do. do. small	7	8 6	..	0 11	55	
Arms and record room—						
Common rafters	12	12 0	..	1 1	156	
Collar pieces, large	6	14 9	..	1 1	96	
Do. do. small	6	8 6	..	0 11	47	
Passage—						
Common rafters	6	12 0	..	1 1	78	
Collar pieces, large	3	14 9	..	1 1	48	
Do. do. small	3	8 6	..	0 11	23	
Property room—						
Common rafters	9	12 0	..	1 1	117	
Collar pieces, large	4	14 9	..	1 1	64	
Do. do. small	4	8 6	..	0 11	31	
Jack rafters	4	21 0	..	1 1	91	
Collar pieces, large	3	8 6	..	1 1	28	
Do. do. small	6	4 6	..	0 11	25	
Hip rafters	2	13 6	..	1 3	34	
Jail wards—						
Common rafters	32	12 0	..	1 1	416	
Collar pieces, large	16	14 9	..	1 1	256	
Doors						
Do.						
Do. in po...						
Windows						
Do. with glazed top						

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 hidden by the ceiling plank—cont.		FT. IN.	FT. IN.	FT. IN.		
Jail wards—*cont.*						
Collar pieces, small	16	8 6	..	0 11	125	
Reepers	..	..	..	..	4,417	
Ceiling planks, inside	..	..	..	..	3,410	
Total square feet	..	..	..	..	..	11,327
Wood oiling, three coats.						
Record racks (6′ 0″×2′ 3″×9′ 11″)—	6	10 0	..	1 0	60	
Uprights	28	2 9	..	0 10	64	
Horizontal pieces	21	2 0	..	0 10	35	
Ends and cross pieces	42	2 9	..	0 8	77	
Harizontal pieces for shelves						
Total for one rack	..	..	..	..	236	
Total for eleven racks, sq. feet	..	..	..	..	..	2,596
Lead sheeting for hips and valleys—						
Verandah	7	12 0	1 6	..	126	
Court	4	9 0	1 6	..	54	
Clerks, and Inspector's room	4	9 0	1 6	..	54	
Property room	2	15 0	1 6	..	45	
Total (5 lb. per square foot)	..	..	..	..	5× 279	1,395 lb.
Teakwood turned rails for dais	..	..	..	..	23	
Total square feet	..	..	..	..	..	9
Running feet of masonry drain from inside of courtyard to the nearest nullah or side drain of the road	..	..	..	..	..	Rs. 20
Iron-gratings to the above	..	..	..	..	2	No. 2
Teakwood punkah, 10′ long, with brown holland fringes, brass wheels, hooks and other fittings, including suspenders and pulling ropes, &c., complete	..	..	..	..	1	No. 1
Arm rack for 10 rifles, 6′ 9″ long	..	..	..	..	..	Rs. 15
Pegs for accoutrements, No. 12	..	..	..	..	..	Rs. 10
Petty supervision at 2½ per cent.	..	..	..	..	..	
Contingencies at 5 per cent.	..	..	..	..	..	

Estimate Form—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	
16,380 c. ft.	Excavation for foundation	4 10 0	1,000 c. ft.	76	
6,682 ,,	Concrete broken vertified bricks in chunam	14 0 0	100 ,,	935	
9,107 ,,	Foundation and basement with stock bricks in chunam	19 8 0	Do.	1,775	
		20 8 0	Do.	2,457	
11,984 ,,	Superstructure with stock bricks in chunam	22 8 0	100 c. ft.	101	
449 ,,	Segmental archwork with stock bricks in chunam.	23 8 0	Do.	12	
51 ,,	Circular do. do.	2 0 0	c. ft.	506	
253 ,,	Cut-stone work				
240 sq. ft.	Cuddapah slabs for ventilators including fixing and pointing with cement	24 8 0	100 sq. ft.	59	
		3 8 0	c. ft.	3,468	
991 c. ft.	Teakwood, wrought and put up	4 0 0	Do.	528	
132 ,,	Teakwood record racks	0 3 0	lb.	86	
461 lb.	Wrought iron work for trusses				
8,496 sq. ft.	Roofing with Mangalore tiles including teak reepers	20 8 0	100 sq. ft.	1,742	
1,571 ,,	Terraced ceiling with brick on edge, jelly, 3″ thick, 2 courses of flat tiles and two coats of plastering on top and at ceiling	24 0 0	Do.	377	

(40—4,000—2-11-95.)

Estimate Form—Abstract—*cont.*

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
1	2	3	4	5	6
		RS. A. P.		RS.	RS.
3,410 sq. ft...	Teakwood ceiling plank, ½" thick	22 8 0	100 sq. ft.	767	
204 ,, ..	Teakwood panel and venetian doors with frames, 4" × 5" hinges, hooks and other fittings, complete	1 1 0	sq. ft.	217	
128 ,, ..	Teakwood panel and venetian doors with glazed top frames, 4" × 5" hinges and other fittings, complete	1 2 0	Do.	144	
32 ,, ..	Teak panel doors with frames, 4" × 5" hinges and other fittings, complete	0 14 0	Do.	28	
26 ,, ..	Iron-grated door with battened shutters and fittings, &c., to property room	2 7 0	Do.	63	
128 ,, ..	Iron-grated door with frames, strong iron fastenings, &c., to wards	1 13 0	Do.	232	
91 ,, ..	Windows with venetian shutters, frames and other fittings, complete	1 1 0	Do.	97	
212 ,, ..	Iron-grated windows with glazed top	2 8 0	Do.	530	
50 ,, ..	Fixed glazed ventilators with frames, &c., complete.	1 2 0	Do.	56	
92 ,, ..	Fixed wire-netting ventilators with frames, &c., complete	0 11 0	Do.	63	
30 ,, ..	Fixed iron ventilators leaded in stone blocks to jail wards	2 8 0	Do.	70	
5,969 c. ft. ..	Filling in basement	5 0 0	1,000 c. ft.	30	
4,686 sq. ft. ..	Levelling course of concrete, 6" thick, under flooring	7 0 0	100 sq. ft.	328	
4,475 ,, ..	Flooring with 8" square bricks in chunam and pointed with Portland cement	7 3 0	Do.	322	
988 ,, ..	Flooring with asphalte, ¾" thick, well rubbed over.	17 5 0	Do.	171	
12,310 ,, ..	Plastering with 2 coats of chunam, polished inside.	2 8 0	Do.	308	
6,713 ,, ..	Pointing with tar and asphalte	2 8 0	Do.	168	
2,772 ,, ..	Painting doors and windows with 3 coats of Carson's oak paint	2 12 0	Do.	76	
8,843 ,, ..	Painting woodwork with zinc white paint ..	2 12 0	Do.	243	
11,327 ,, ..	Painting woodwork which hidden by ceiling plank with 1 coat of zinc white paint ..	1 1 0	Do.	120	
2,596 ,, ..	Wood-oiling 3 coats to record racks	0 15 0	Do.	24	
1,395 ,, ..	Lead sheeting for valleys	0 3 0	lb. ..	262	
23 r. ft. ..	Teakwood turned rails for dais	1 8 0	R. ft ..	35	
..	Cost of masonry drain from inside of courtyard to the nearest nullah or side drain of the road ..	..	..	20	
No. 2	Iron-gratings to the above drain	0 8 0	Each ..	1	
No. 1	Teakwood punkah, 10′ long, with brown holland and fringes, brass wheels, hooks and other fittings, including suspenders, ropes, &c., complete	..	..	20	
..	Arm racks for 10 rifles, 6′ 9″ long	..	..	15	
..	Pegs for accoutrements, No. 12	..	..	10	
..				416	16,542
..	Petty supervision at 2½ per cent.	..	..	832	
..	Contingencies at 5 per cent.	..	..		1,248
	Grand total of estimate ..	..	..	..	17,790

PUBLIC WORKS DEPARTMENT.

No. 889 W. dt. 11th March 1896.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

From the Consulting Engineer to Govt. No. 3498 a/21 Feby. 189

30

The revised Schedu
of quantities for 2nd class
taluk offices, as modifie
in the Chief Engineer's
Office, is circulated to
Officers of the P.W. depar
ment, in continuation
of G.O. No. 2381 W. dated
26 September 1895.

DESPATCHED
4 APR. 95

To
Supdg. Engineers
The Consg. Archt. to Govt.
& Revenue Department.

CHMS
16.3.96.

(40—4,000—2-11-95.)

26.9.95 N°-2381 ✓
20.11.91 " 3122 ✓
22.2.95 " 704 C
17.11.94 " 3655 C

I
Ths
B Cm

Issued under Dr's order.

C. A.
1. 500 -29-1

8894

Current N°. 1326/95.

Ltr

Revised schedule of
Quantities for 2° Class
Tubing Offices,

The schedules may
now be printed & circu:
:lated. The Depth in cm:
:timation G.O. N°. 2381 dated 26th Sept 1895.

The schedules have been
thoroughly revised & am:
:bodying all the corrections
& alterations since order:
:ed.

Ths
10.III.96

...ling Architect to Govt.,
...h, Madras.
...bruary 1895.

18

...rchitect
...e Government of Madras,

...orks Department
Madras.

6

...to your memoran-
...the 17th November
...nor to submit Revis...
...timates for Second Class
...tiled roofing
...ates for the ordinary
... roofing with terra...
...ub Jail wards, the
...are tiled roofing with
...g for the rooms, for the
...there will be no board...
...flat ceiling of terracing
...at Jeypore.
...ave the honour to be
Sir
...er Most Obedt Servant
Henry Irwin
...cting Architect to Govt

C. A. 1. 500 —20-1-94.

Office of the Consulting Architect to Govt.,
Chepauk, Madras.

No. 3498

21st February 1895.

From

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

To

The Chief Engineer
Public Works Department
Madras.

Sir,

6 Enclosures

With reference to your memorandum No. 3656C dated the 17th November 1894, I have the honor to submit herewith Schedules of quantities for Second Class Jail Offices with tiled roofing

One set provides for the ordinary flat and pan tile roofing with terrace roofing for the Sub Jail wards, the other for Mangalore tiled roofing with boarded ceiling for the rooms, for the Sub Jail wards there will be no boarded ceiling but a flat ceiling of terracing supported on teak joists.

I have the honor to be
Sir
Your most Obedt Servant
Henry Irwin
Consulting Architect to Govt

Annexure to 40 00. 8894 1/11-3-96.

Revised type design for a Deputy Tahsildars Office. Tiled roofing and flat roofing for the Subjoin wards according to the sheet of Sections pinned with Chief Engineers memorandum No 3655 C dated 17th November 1894.

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

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

Stone work — Fix Stone blocks 12"x12"x12" with mortice holes 2 inches square and 2 inches deep cut into them into which the verandah posts will be tenoned. Slabs will also be placed at the bearings of trusses. The steps may also be of Stone, if procurable without great expense.

Wood work — The trusses & 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

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

Doors and windows.— The doors and posts to be of well-seasoned Burma teak wood. All doors opening into verandahs will be of 1/3 panels and 2/3 Venetians, inner doors to be panelled throughout. Iron grated shutters with strong batten shutters outside are provided for the property room. Jail wards provided with Iron grated shutters only. The arms and records room is provided with strong battened shutters. The windows for the record, property room, and police guard-rooms will have Venetianed shutters opening outside with fixed glazed heads and 1 inch Square iron bars set diagonally. The ventilators will consist of Cuddapah or any other similar slabs set as venetians with clear space of about 6 inches between, the back of the ventilators will have galvanized iron wire-netting half inch mesh in teak frames to prevent bats or birds from entering. The ventilators at back of courts will be fixed glazed sashes to throw light on the Judge's Seat. The ventilators for jail wards will consist of

of iron grating let into
and firmly set in the wall

Roofing.— The roof will be concrete flat and pantiles; if the gradients are good, the reveal unsightly bands might be dispensed with. All 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.

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

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

about

Quee

The roof should also be plastered with
proper
Repairs & sundry kinds of work to be done
from time to time in general accordance
with Standard Specification of
the Public Works Department

Henry Bruce
Consulting Architect to Govt

Dec 6
P.W.C.B. 1326 1895

Deputy Inhabitants Office.
Filed and Inward proofing for
the Sub Jail wards.

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	No.	Measurements in Feet. Length.	Breadth.	Depth.	Deductions.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Excavation for foundation						
Court walls, four sides.	1	92.0	4.0	5.0		1840
Bais	1	170				
Do Steps	2	3.3				
		23-3				
		22 1	2.0	0.9	35	341
Clerks private and Inspectors room three sides	2	67.6				
Cross wall	1	13.6				
Rec and room three sides	1	68.6				
Police guard arms & property room three sides	1	192-3				
Cross wall	1	13.6				
		352.9	4.0	5.0		7056
Cross walls	2	13.6	3.7½	5.0		489
Jail wards front & rear walls	2	34.6				
Jail wall to Jail wards.	1	27.0				
		96.0	4.0	5.0		1920
Cross walls to Jail wards	3	13.6	3.7½	5.0		734
Verandah all round	1	172-0				
Do to Court yard	2	34.6				
		244-00				
		234-00	6.5	0		4218
Steps in front.	1	18.6				
Do in rear. Sides	2	11-6				
		6.0				
		41.6				
		30	2.3	0.9		97
Carried Over						16364
						16218

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B. F.					16361 +6218	
Steps to courtyard	1	7.3				
Do Do	1	6.3				
Do Do	1	6.6				
		20-0	1.3	0.9	19	
				Cub feet		16380 +6237
Concrete.						
Court wall four sides	1	92.0	4.0	2.0	736	
Dais	1	19.6	1.9			
Do Steps.	2	4.0				
		27.0	2.0	0.9	41	
		25.9			39	
Clerks private and Inspectors room three sides.	2	67.6				
Cross wall	1	13.6				
Record room three sides	1	68.6				
Police guard arms & property rooms three sides.	1	122.3				
Cross wall	1	13.6				
		362.9	4.0	2.0	2892	
Cross walls	2	13.6	3.7½	2.0	196	
Jail wards front & rear walls	2	34.6				
End wall to Jail wards	1	27.0				
		96.0	4.0	2.0	768	
Cross wall to Jail wards	3	13.6	3.7½	2.0	294	
Verandah all round	1	172.0 ~~165.0~~				
Do to Courtyard	2	34.6				
		241.0 ~~234.0~~	3.6	2.0	1687 ~~1638~~	
				Carried Over	~~6493~~ 6544	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B. F.					6544 ~~6493~~	
Steps in front	1	18.6				
Do in rear sides	1	~~6.6~~				
	2	11.6				
	1	7.0				
		41.6				
		~~32.0~~	2.3	0.9	101 ~~78~~	
Steps to Courtyard	1	8.3				
	1	7.3				
	1	6.6				
		22.0	2.3	0.9	37	
				Cub feet		6682 ~~6604~~
Brickwork in foundations Footings.						
Court wall four sides	1	92.0				
Clerks private & Inspectors room three sides.	2	68.9				
Cross walls.	1	14.9				
Record room three sides	1	69.9				
Police guard arms and property room three sides	1	123.6				
Cross wall	1	14.9				
		452.3	2.9	1.6	1866	
Cross walls	2	14.9	2.4½	1.6	105	
Jail wards front & rear walls	2	35.9				
End wall to Jail wards	1	27.0				
		98.6	2.9	1.6	406	
Cross walls to Jail wards	3	14.9	2.4½	1.6	158	
Verandah all round	1	172.6 ~~166.3~~				
Do Do to Courtyard.	2	35.9				
		~~237.9~~ 244.0	2.3	1.6	~~824~~ 804	
				C Over	3359 ~~3337~~	

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
					3359 ~~3337~~	
B.F.						
House footings to ground level.						
Court wall four sides.	1	92.0				
Clerks private & Inspectors room three sides.	2	69.6				
Cross wall	1	15.6				
Record room 3 sides.	1	70.6				
Police guard arms & property room three sides	1	124.3				
Cross walls	1	15.6				
		456	2.0	1.6	1370	
Cross walls	2	15.6	1.7½	1.6	76	
Jail wards front & rear walls	2	36.6				
End wall to jail ward	1	27.0				
		100	2.0	1.6	300	
Cross walls to Jail wards	3	15.6	1.7½	1.6	113	
		174.0				
Verandah all round	1	167.0				
do. to Courtyard.	2	36.6				
		247.0 ~~240~~	1.6	1.6	556 ~~540~~	
Basement.						
Court walls four sides.	1	92.0	2.0	2.0	368	
Dais	1	19.0 ~~15~~	1.6	2.0	57 ~~56~~	
do to Steps.	2	4.0	2.0	2.0	32	
Clerks private & Inspectors room three sides.	2	69.6				
Cross wall	1	15.6				
C.F.		154.6				
Carried Over					6192	
					6231	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
					6231	
B.F.		154.6			~~6192~~	
Record room three sides	1	70.6				
Police guard arms & property room three sides.	1	124.3				
Cross wall	1	15.6				
		364	2.0	2.0	1459	
Cross walls	2	15.6	1.7½	2.0	101	
Jail wards front & rear walls	2	36.6				
End wall to Jail wards	1	27.0				
		100	2.0	2.0	400	
Cross walls to Jail wards	3	15.6	1.7½	2.0	151	
Verandah all round	1	174.0				
do to Courtyard.	1	167.0				
	2	36.6				
		247.0 ~~240~~	1.6	2.0	741 ~~720~~	
Steps in front	1	14.0	1.0	0.6	7	
do do	1	16.0	2.0	0.6	16	
do do	1	18.0	3.0	0.6	27	
do in ~~rear~~ sides	2	7.0	1.0	0.6	7	
do do	2	9.0	1.0	0.6	11	
do do	1	7.0	2.0	0.6	8	
do do	1	11.0	3.0	0.6	17	
~~do do~~	1	6.0	3.0	0.6	10	
do do	1	4.0	1.0	0.6	2	
do do	1	5.0	2.0	0.6	6	
do do	1	6.0	2.0	0.6	9	
do in Courtyard.	1	8.0	2.0	0.9	12	
do do	1	7.0	2.0	0.9	11	
do do	1	6.0	2.0	0.9	9	
					9207 ~~9109~~	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.						9207 ~~9139~~
Deductions						
Stone Slabs on top of Steps in front	1	18.0	3.3	0.6	29	
Do Do in ~~front~~ Rear	2	11.0	3.3	0.6	36	
~~Do Do~~	~~1~~	~~6~~	~~3.3~~	~~0.6~~	~~11~~	
~~Do Do~~	~~1~~	~~6~~	~~3.3~~	~~0.6~~	~~10~~	
Do Do to Court yard	1	8.0	2.2	0.6	9	
Do Do Do	1	7.0	2.2	0.6	8	
Do Do Do	1	6.0	2.2	0.6	7	
Stones under posts let into basement 3"	42	1.0	1.0	0.3	10	
					100 84	
Total Cft					~~9205~~ 9016	
Superstructure						
Court wall four sides	1	92.0	1.6	18.6½	2570	
Do ins	1	19.6	1.3	1.6	37	
Do Steps	2	4.0	2.0	0.9	12	
Gables front and rear	2	21.0	1.6	3.6	221	
Do at sides	2	9.0	1.6	1.6	41	
Clerks private & Inspectors room three sides	2	70.0				
Cross walk	1	16.0				
		156.0	1.6	15.6	3627	
Gables	3	19.0	1.6	3.2	271	
Record room three sides	1	71.0	1.6	12.0	1278	
Police guard arms & property room three sides	1	124.9				
Cross walk	1	16.1				
		140.9	1.6	13	2745	
		Carried			10802	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.					10,802	
Cross walls	2	16.0	1.7½	13.0	468	
Jail wards front & rear walls	2	27.0				
End walls to Jail wards	1	19.0				
		93.0	1.6	13.0	1814	
Continuation of Do Do	1	8.0	1.6	9.6	116	
Cross walls to do do	3	16.0	1	1½ 13.0	702	
Gables to Record Court room	1½	19.0	1.6	2.2	135	
Parapet walls	1	202.9	1.3	1.0	258	
Binding walls	2	16.6	1.6	1.0	50	
Do Do	5	16.6	1.1½	1.0	93	
String course over doors to Police guard	1	5.6				
Do over windows	5	5.6				
Do to record room	10	3.6				
Do Do Do	1	6.6				
Ventilators to court	4	5.6				
Do Do	2	5.6				
Do to end walls	2	5.6				
		117.6	0.3	0.3	7	14,438
Deductions						
Doors	17	4.0	1.6	7.9	816	
Do "	1	4.0	1.6	8.0 7.9	791 36	
	1	4.0	1.1½	7.9	35	
Door with glazed top	1	4.0	1.6	8.9	53	
Windows	6	4.0	1.6	5.0	180	
Do recesses	6	4.0	0.9	3.0	64	
					1139	
Carried Over					1122	14438

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.					1139 1122	14438
Windows with glazed top	6	4·0	1·6	6·3	225	
Do recess	6	4·0	0·9	2·6	45	
Do to Record room	10	2·0	1·6	6·11½	184	
Do recess	10	2·0	0·9	2·6	38	
					152	
Ventilators to Courts and rooms	6	4·0	1·6	4·4½	157	
Do Do Small	11	4·0	1·6	1·9	116	
Do to Jail wards	4	4·0	1·6	1·9	42	
Archways to Police guard rectangular portion	1	6·0	1·6	5·0	45	
Do Semicircular portion	1	14·1½	area	1·6	21	
Archways to Police guard Small rectangular portion	1	4·0	1·6	6·0	36	
Do Semicircular portion	1	6·3	area	1·6	9	
Archways to passage	1	5·7½	1·6	6·0	57	
Do Semicircular portion	1	12·1½	area	1·6	19	
Archwork as per details					553	
Sill Stone to door ways	13	5·0	1·6	0·6	49	
Do do arms & record rooms	1	5·0	1·1½	0·6	3	
Do do Property room	1	6·6	1·6	0·6	6	
Stone for iron doors to Jail wards	11	1·3	0·10½	0·6	11	
Do do at recess	4	3·0	1·6	1·6	27	
Bed plates under trusses	12	1·6	1·6	0·4	9	
Stone for Jail wards Ventilators	11	1·0	1·6	0·9	18	
					2803 2785	
					1935	
		Total Cub ft			11,653	
Cornice work					207·9	
					Total Rft	208
					C. Feet	10802

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Segmental archwork						
Doors, Court and other rooms	18	5·6	1·6	1·1½	167	
Door, Arms and record room	1	5·6	1·1½	1·1½	7	
Windows	12	5·6	1·6	1·1½	111	
Do record room	10	3·6	1·6	1·1½	59	
Ventilators to Court and other rooms	17	5·6	1·6	0·9 1·4½	1055 458	
					Total Cub feet	1402
Circular archwork						
Archways to Police guard	1	11·3	1·6	1·1½	19	
Do Do	1	8·0	1·6	1·1½	14	
Do to passage	1	10·7½	1·6	1·1½	18	
					Total Cub feet	51
Cut Stone work						
Slabs under trusses to Court Clerks & record rooms	12	1·6	1·6	0·4	9	
Slabs to steps in front	1	18·0	3·3	0·6	29	
Do Do in side	24	11·0 6·9	3·3	0·6	15 14	
~~Do Do Do~~	~~1~~	~~6·2~~	~~3·3~~	~~0·6~~	~~10~~	
Do Do in Courtyard	1	8·0	2·2	0·6	9	
~~Do Do Do~~	1	7·6	2·2	0·6	8	
Do Do Do	1	6·0	2·2	0·6	7	
Stone for posts including the portion (3") let into basement	42	1·0	1·0	0·0	42	
					C. Feet	124 140

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
					~~140~~ 124 ✓	
B.F.						
Sill Stones to door ways.	13	5·0	1·6	0·6	49 ✓	
Do Do arms & record room	1	5·0	1·1½	0·6	3 ✓	
Do Do Property room.	1	6·6	1·6	0·6	5 ✓	
Do for iron doors to Jail wards.	4×5	1·3	0·10½	0·6	11 ✓	
Do Do at recess.	4	3·0	1·6	1·6	27 ✓	
Do for Ventilators to Jail wards.	4×4	1·0	1·6	0·9	18 ✓	
				Total Cubic feet	~~253~~ 237	
Cuddapah Slabs 2" thick						
Ventilators to Court	2×6					
Do Small to Court and other rooms	11×2	5·0	1·6		240 ✓	
				Total Superfeet	240.	
Teak wood wrought and put up.						
Court						
Two trusses 18 ft Span.						
Tie beams	2	21·0	0·4	0·7½	9 ✓	
Principal rafters.	4	12·0	0·4	0·6½	9 ✓	
Struts	4	5·6	0·4	0·4	2 ✓	
Block on head of trusses	2	1·3	0·6	0·9	1 ✓	
Purlins including overlapping	2	33·0	0·5	0·7	16 ✓	
Wall purlins do do	2	28·0	0·3	0·7	8 ✓	
Ridge beam do	1	33·0	0·3	0·8	6 ✓	
Carried Acres.					51 ✓	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.						
Ridge beams at sides	2	5·6	0·3	0·8	57	
Common rafters 1½ feet apart from centre to centre	20	11·0	0·3	0·4	2	
Do Do	10	12·6	0·3	0·4	23	
Do Do	4	11·3	0·3	0·4	10	
Do Do	4	9·6	0·3	0·4	4	
Do Do	4	7·9	0·3	0·4	3	
Hip rafters at sides	2	6·0	0·3	0·4	3	
Jack rafters.	4	7·0	0·3	0·4	1 ✓	
Do Do	4	9·0	0·3	0·6	5 ✓	
Do Do	4	6·0	0·3	0·4	2 ✓	
Clerks and record room	4	4·3	0·3	0·4	1 ✓	
Four Trusses 16 ft Span	4	2·6	0·3	0·4	1 ✓	
Tie beams	4	19·0	0·4	0·6	13 ✓	
Principal rafters	8	10·0	0·4	0·5½	12 ✓	
Struts.	8	5·6	0·4	0·4	5	
Block on head of trusses	4	1·3	0·6	0·9	2	
Clerks.						
Purlins in front & rear	2	31·0	0·5	0·7	15	
Wall purlins	2	31·0	0·3	0·7	5	
~~Do in front~~	~~1~~	~~16·0~~	~~0·3~~	~~0·7~~	~~2~~	
Ridge beam	1	31·0	0·3	0·8	5	
Do at sides	1	5·6	0·3	0·8	1	
~~Purlins at sides~~	~~4~~	~~9·3~~	~~0·5~~	~~0·7~~	~~4~~	
Common rafters	40	13·6	0·3	0·4	45	
Carried Acres.					213	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.					213	
Jack rafters	2	7·00	0·2	0·4		
Do	2	4·6	0·3	0·4	2	
Do	2	2·6	0·3	0·4		
	~~4~~	~~4·3~~	~~0·2~~	~~0·4~~	~~7~~	
	~~4~~	~~2·6~~	~~0·3~~	~~0·4~~	~~4~~	
	~~4~~	~~0·9~~	~~0·3~~	~~0·4~~	~~2~~	
Hip rafters	2	9·00	0·3	0·6	2	
Private & Inspectors room.						
Purlins	2	31·0	0·6	0·7	15	
Wall purlins	2	31·0	0·3	0·7	9	
Ridge beams	1	31·0	0·3	0·8	5	
Common rafters	40	13·6	0·3	0·4	45	
Record room						
Purlins	2	31·0	0·4	0·6	10	
Wall purlins	2	31·0	0·3	0·6	8	
Ridge beam	1	31·0	0·3	0·7	5	
Common rafters.	40	13·6	0·2½	0·4	38	
Police guard room.						
Beam	1	18·6	0·10½	1·2	18	
Joists	12	7·3	0·3	0·5	22	
Arms and record room.						
Joists	12	13·7½	0·3	0·7½	26	
Passage						
Joists	12	7·1½	0·3	0·5	9	
Property room.						
Beams	1	18·6	0·10½	1·2	19	
Joists	12	18·0	0·3	0·5	23	
Carried Over					468	
					470	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	N. mber.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.					~~470~~ 468	
Jail wards.						
Joists						
Wall plates to Police guard Arms, passage, property & Jail wards	10	40·00	0·3	0·5	50	
Verandah.						
Posts	42	6·00	0·6	0·6	63	
Cap over posts.	42	1·01	0·0	0·6	21	
Breastsummers to Verandah	1	187·9	0·5	0·6	39	
Do to Court yard	2	39·00	0·5	0·6	~~39~~ 16	
Rafters	75	10·6	0·3	0·4½	74	
Do to Court yard	2x26	10·6	0·3	0·4½	51	
Hip rafters to Verandah (Valley)	2 6	13·6	0·3	0·6	12	
Jack rafters.	14 12	8·6	0·3	0·4½	11	
Do Do.	14 12	6·6	0·3	0·4½	9	
Do Do.	14 12	4·6	0·3	0·4½	6	
Do Do.	14 12	2·6	0·3	0·4½	3	
Wall plates to Verandah	1	133·00	0·3	0·3	8	
Do to Court yard	2	38·00	0·3	0·3	5	
Eave plants for rafters to Verandah	1	182·9	0·0	1·0	9	
Do Do to Court yard	2	37·00	1·0	1·7	8	
Do to Main wall to Court	2	18·00	1·0	1·7	4	
Do Clerks room	2	29·00	1·0	1·7	2	
Do Private & Inspectors room	2	29·00	1·0	1·7	3	
Do Record room.	2	29·6	0·1	0·7	3	
Carried Over					~~865~~ 876	

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.					213.	
Do rafters	2	7·0	0·3	0·4		
Do	2	4·6	0·3	0·4	2	
Do	2	2·6	0·3	0·4		
					2	
Wrought Iron work.						
1" Diameter Ring rod for 18 ft truss	2	8·6	17·0	×2·62	45	
1" Key nut & head to Do Do	2		1·10	×·07	2	
1" Diameter 1/8" thick washers.	6	7·068	×·125	×·28	1.	
1 1/2" × 1/2" Heal Straps.	4	3·4	13·4	×2·5	33	
1 1/2" × 1/2" Bearing plates.	4	0·6 3/4	2·3	×2·5	6	
3/8" Hex nuts.	8	"	"	×0·244	2	
Caps of 3/8" plates 6" wide.	2	2×1/2	2·0	×15·0	30	
7/8" Diameter Ring rod for 6 ft Truss	4	7·6	30·0	×2·01	60	
7/8" Do Hex nuts & heads to truss	4	"	"	×0·72	3	
3" Do 1/8" thick washers.	12	7·068	×·125	×·228	3	
1 1/2" × 3/8" Heal Straps	8	2·6	20·0	×1·87	37	
1 1/2" × 3/8" Bearing plates.	8	0·6 1/2	"	×1·87	8	
5/8" Hex nuts.	16	"	"	×0·267	4	
Caps of 3/8" plates 6" wide	4	2×1/2	4·0	×15·0	60	
Pin for posts 1" diameter	42	1·3	52·5	×2·62	138	
Holding down bolts to end of each truss 1/2" diameter	12	1·9	21·0	×0·65	14	
Head and nuts to do do.	12	"	"	×0·136	2	
1" Diameter 1/8" thick washers for holding down bolts & posts	53	7·068	×·125	×·228	13.	
			Total lbs		461	
Jail to						
			Carried over		468	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B.F.					468	
Jail wards						
Jaiato	10	40·0	3·0	5·	60	
Wall plate to Police guard Room, passage, property & Jail wards	10	17·0	4·0	3·	14	
Verandah						
frames 3 1/2 × 5 hinges, hooks and other fittings complete.	8	3·4 / 3·6		7·8 / 7·6	204 / 208	
				Sqrs ft	203.	204
Teak panelled doors with frames 3 1/2 × 1 1/4 × 6" hinges and other fittings Complete.	5	3·4 / 3·6		7·8 / 7·6	128 / 127	
				Squares ft	127.	128
Panel and Venetian door with glazed top frames 3 1/2 × 1 1/4 × 5" hinges and other fittings Complete.	1	3·4 / 3·6		8·8 / 8·6	32 / 29	
				Squares ft	29	32.

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					~~875~~ 865	
Range board to Court.	2	30-00	1-0	9	4	
Do to end of record rooms.	3	28-00	1-0	9	6	
Additional pieces to above	20	1-6	0-1	0-9	2	
Do at top.	5	3-00	0-1	0-9	1	
		Total Cubic feet				888
Teak wood Record racks (6-0×2-3×9-11)						
Uprights	6	9-11	0-3	0-3	4	
Horizontal pieces	28	2-10½	0-2	0-3	3	
Ends & cross pieces	21	2-3	0-2	0-3	2	
Horizontal pieces for Shelves	42	2-10½	0-3	0-1	3	
Total for one rack					12	
Total for eleven racks						132-cft.
×⅜" Metal Straps	8	2-6	0-	×1-87	37	
×⅜" Bearing plates	8	0-6¼		×1-87	8	
Hex nuts	16	"	"	×0-25	4	
Caps of ⅜" plates 6" wide	4	2×1½	= 4	× 15	60	
Pin for posts 1" diameter	42	1-3	52-5 = 57-3	×2-62	138	
Holding down bolts to end of each truss ½" diameter	12	1-9	21-0	×0-65	14	
Head and nuts to do do.	12	"	"	×0-125	2	
" Diameter ⅛" thick washers for holding down bolts & posts	54	7-0625	×-125	×-28	13.	
	53.					
Total lbs					4-61	

Joists

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
Tiles passing with flat spandles including teak pieces.						
Court	1	32-0		30-0	960	
Clerks private & Inspectors rooms	2	29-0		28-0	1624	
Record room	1	29-6		28-0	826	
		160-9			1688	
Verandah in front	1	~~169-0~~		10-6	~~1607~~	
Do to Court yard	2	37-0		10-6	777	
		Total Square feet				~~5875~~ 5774
Terraced roofing.						
Police guard rooms, Passage and Property room	1	53-10½		17-0	916	
Jail wards	1	38-6		17-0	655	
		Total Square ft				1571
Doors.						
Teak panel and Venetian doors with frames 3½" × 4½" hinges, hooks and other fittings complete.	8	3-4 / 3-5		7-8 / 7-6	204 / 203	
		Square ft				203-204
Teak panelled doors with frames 3½" × 6¼" hinges and other fittings complete.	5	3-4 / 3-5		7-8 / 7-6	128 / 127	
		Square ft				127-128
Panel and Venetian door with glazed top frames 3½" × 4½" hinges and other fittings complete.	1	3-4 / 3-6		8-8 / 8-6	32 / 29	
		Square ft				29-32

14

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

ESTIMATE FORM.—Detail Measurements.

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

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 with louvred shutters & fittings &c to property rooms.	1	~~3·4~~ 2·5	~~7·8~~ 4·5	26 ~~25~~		
				Squarefeet	~~25~~ 26	
Iron grated door with frames Strong Iron fastenings & to wards	4	4·0	8·0	128		
				Sqrefeet	128	
Windows						
Iron grated Windows with Venetian Shutters & frames and other fittings complete.	6	3·5	4·5	91		
				Squarefeet	91.	
Iron grated windows with venetian shutters and glazed top.	6	3·5	6·2	126		
Do Do to record room	10	1·6	5·9	86		
				Sqrefeet	212	
Ventilators						
Ventilators with fixed glazed shutter frames &c for Courts	2	3·6	3·6	25		
Do Do to wards rooms	2	3·6	3·6	25		
				Total Sqrefeet	50.	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Ventilators with wire netting, frames complete.	2	4·0		4·0	32	
Do Do Do	10	4·0		1·6	60	
					66	
				Total Sqfeet	~~98~~ 92	
Iron barred Ventilators leaded in Stone blocks to Jail wards and property room	5	4·0		1·6	30	
				Total Sqfeet	24.	30
Filling in basement						
Court	1	24·6	17·6	1·6	648	
Dais	1	5·9	5·6	1·6	47	
Clerks room	1	25				
Grenade room	1	11·6				
Inspectors Do	1	11·6				
Record room	1	25·6				
Police Guard	1	14·10½				
Arms and Record	1	11·7½				
Passage	1	5·1½				
Property room	1	15·6				
Jail wards	4	7·10½				
		152·3	15·6	1·6	3540	
		147·9			1164	
Verandah	1	~~110~~	5·3	1·6	~~1103~~	
Do Court yard	2	36·6	5·3	1·6	575	
				Total Cubic feet	~~5908~~ 5969	

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
Lining course of concrete						
" thick under flooring.						
Court	1	44.6		17.6	429	
Clerks room	1	25.0				
Private room	1	11.6				
Inspectors room	1	11.6				
Record room	1	25.6				
Police guard	1	14.10½				
Arms and records	1	11.7½				
Passage	1	5.1½				
Property room	1	15.6				
Jail wards	4	7-10½				
		152.8		15.6	2360	
Lining course Verandah	1	147.8 146.8		5.3	776 735	
" Do in Courtyard	2	36.6		5.3	383	
Courtyard	1	36.6		21.4½	780	
					4728 4687	
Deduct for Steps.	1	21.0		2.0	42	42
				Total	4645	4686

16

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work. 2218	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
	4	5	5	8	6	6
Flooring with 8" Spe bricks in chedram and pointing with Portland cement						
Court	1	25.0		18.0	450	
Clerks room	1	25.6		16.0	408	
Private Do	1	12.0		16.0	192	
Inspectors Do	1	12.0		16.0	192	
Police guard	1	15.14½		16.0	246	
Arms and records	1	12.15½		16.0	194	
Passage	1	5.7½		16.0	90	
Property room	1	16.0		16.0	256	
Verandah	1	15.3.3 146.6		7.0	1078 1029	
Do to Courtyard	2	37.0		7.0	518	
Courtyard	1	36.6		21.4½	780	
Doorsteps	15	4.0		1.½	60	
Rises to windows	11	4.0		0.9	33	
Archways	1	6.0		1.9	11	
Do "	1	4.0		1.6	6	
Do to passage	1	5.7½		1.6	8	
					4517 4463	
Deduct for Stone for pads.	42 44	1.0		1.0	42 44	44 42
				Total Sqm	4475 4422	

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 Asphalte 3/4 thick						
Record room	1	26.0		16.0	416	
Recess to windows	10	2.0		0.9	15	
	1	4.0		0.9	3	
Jail wards	4	8.4 7/8		16.0	538	
Doorways to Do	4	4.0		1.0	16	
				Total Sqrft.	988	
Plastering interior 2 Coats						
Court	1	86.0		18.7 1/2	1602	
Dais	2	7.0		1.6	21	
Gables	2	18.0		3.6	126	
Do at sides	2/4	9.0		1.6	27 / 54	
Clerks room	1	83.0		15.6	1287	
Superintendents room	2	56.0		15.6	1736	
	6				288	
Gables	5	16.0		3.0	440	
Record room	1	84.0		12.0	1008	
Gables	1 1/2	16.0		3.0	72 / 48	
Police guard	1	62.9				
Arms and Records	1	56.3				
Passage	1	43.3				
Hospitality room	1	64.0				
Jail wards	4	48.9 3/4				
		421.6		12.3	5163	
Parapet wall inside of Gable	1	200.0		2.3	450	
Bonding wall	5	16.6		3.1 1/2	258	
Do Do	2	16.6		3.6	116	
			C. Feet.		12109 / 12154	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					12154 / 12109	
Door Jambs and Soffits.	17	20		1.6	510	
Do to Police guard	1	20.0		1.1 1/2	23	
Do Do	1	22.0		1.6	33	
Archways to Police guard	1	19.6		1.6	29	
Do Do	1	18.3		1.6	27	
Do to passage	1	20.10		1.6	31	
Window Jambs and Soffits	6	14.0		1.6	126	
Do Do	6	17.6		1.6	158	
Do record room	10	11.6		1.6	218	
Do recess	6×2	0.9		3.0	27	
Do Do	16×2	0.9		2.6	60	
Ventilators Jambs sills & Soffits to Court and end rooms	6	6.0		1.6	144	
Do Small Jambs	15	11.0		1.6	248	137.88 / 13743
Deduction						
Doors one side in brick building	8	4.0		7.6	240	
Do Do in Jail wards	4	4.0		8.0	128	
Do two sides	2	4.0		7.6	360	
Do to Police guard one side Archways	1	4.0		8.6	34	
Rectangular portion to Police guard	1	6.0		5.0	30	
Semicircular portion	1	14	1/2 Area		14	
Rectangular portion to Police guard	1	4.0		6.0	24	
Semicircular portion	1	6.3	Area		6	
Rectangular portion to passage	1	5.7 1/2		6.0	34	
Semicircular portion	1	12.4 1/2	Area		12	
			C Feet		882	137.88 / 13743

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
B/F					882	13788 13743
Windows	6	4·0		5·0	120	
Do with flayed top	6	4·0		6·7½	157	
Do to record room	10	2·0		6·1½	123	
Ventilators to Court and record rooms	6	4·0		4·0	96	
Do Small	15	4·0		1·6	90	
						1470 1218
			Total Superft.			12273
Painting interior						
All round the basement		358·0 357·11½		2·0	716 715	
Do Courtyard	1	15·9		1·6	174 173	
Court.						
Front and rear with gables	2	21·0		22·1½	929	
Sides	2	29·0		13·7½	385	
Do	2	3·0		2·0	12	
Clerks, private and Inspectors room	3					
Front	2	27·0		15·6	837	
Rear	2	8·0		15·6	248	
Do of Clerks room	4	4·0		4·0	32	
End wall with gables	2	19·0		18·8	709	
Record room 3 sides	1	72·6		12·0	870	
Do Gable	1	19·0		3·2	60	
Police guard arms and property room two sides	1	73·11½		13·0	954	
Jail wards						
Back wall	1	38·6		13·0	501	
Carried Over					6375 6377	

18

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forwards					6377 6376	
Jail wards end wall	1	19·0		13·0	247	
Do Do gables	2	19·0		3·2	120	367
Do Do continuation of both sides and top.	2	8·0		10·6	168	
Court yard.						
Front wall of Jail wards	1	37·0		13·0	481	
Side wall of Police guard Arms and record & passage	1	35·4½		13·0	460	
Parapet wall outside	1	202·3		1·0	202	
						8055 8053
Deductions						
Doors	9	4·0		7·6	270	
Do to Jail wards	4	4·0		8·0	128	
Do to Police guard	1	4·0		8·6	34	
Windows	6	4·0		5·0	120	
Do with flayed top	6	4·0		6·7½	159	
Do record room	10	2·0		6·1½	123	
Ventilators	6	4·0		4·0	96	
Do	15	4·0		1·6	90	
Archways to police guard						
Rectangular portion	1	6·0		5·0	30	
Semicircular portion	1	14·1½	area		14	
Rectangular portion	1	4·0		6·0	24	
Semicircular portion	1	6·3	area		6	
Rectangular portion to passage	3	5·7½		6·0	34	
Semicircular portion	1	12·4½	area		12	1140
				Total Superft.		6913 6915

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
Painting doors and windows.						
Panel & Venetian doors	8	4 · 0	2 3/4	7 · 6	66	
Do with glazed top	1	4 · 0	2 3/4	8 · 6	94	
Panel doors	5	4 · 0	2 1/4	7 · 6	338	
Iron grated door with battened shutters	1	4 · 0	2 3/4	7 · 6	83	
Do Do without shutters	4	4 · 0	4/4	8 · 0	160	
Iron barred windows with venetian shutters	6	4 · 0	3/4	5 · 0	390	
Do Do with glazed top	6	4 · 0	3	6 · 9	486	
Do Do Do	10	2 · 0	3	6 · 3	375	
Tinned glazed Ventilators	4	4 · 0		4 · 0	64	
Do wire netting do	2	4 · 0		4 · 0	32	
Do Do Do	11	4 · 0		1 · 6	66	
Span leaned Ventilators	4	4 · 0		1 · 6	24	
				Total Sq ft		2772
Painting wood work with 3 Coats of Zinc white paint.						
Two trusses 18 ft Span.						
Tie beams	2	18 · 0		1 · 7	57	
Principals rafters	4	11 · 0		1 · 5	62	
Struts	4	6 · 3		1 · 4	28	
Block on head of trusses	2	2 · 6		1 · 3	6	
				Carried Over		153

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					153 92	
Purlins	2	29 · 0		1 · 7		
Wall purlins	2	29 · 0		1 · 5	87	
Ridge beam	1	29 · 0		1 · 7	49	
Do at sides	2	4 · 0		1 · 7	46	
Common rafters	20	13 · 0		0 · 11	13	
Do Do	10	11 · 6		0 · 11	238	
Do Do	4	10 · 3		0 · 11	105	
Do Do	4	8 · 6		0 · 11	38	
Do Do	4	6 · 9		0 · 11	31	
Do Do	2	5 · 0		0 · 11	25	
Hip rafters at sides	4	8 · 0		1 · 3	9	
Jack rafters	4	12 · 9		0 · 11	40	
Clerks and record room					47	
4 Trusses 16 ft span.						
Tie beams	4	16 · 0		1 · 4	85	
Principal rafters	8	9 · 6		1 · 3	95	
Struts	8	5 · 3		1 · 4	56	
Blocks on head of trusses	4	2 · 6		1 · 3	13	
Clerks room.						
Purlins in front & rear	2	27 · 6		1 · 7	87	
Wall purlin	2	27 · 6		1 · 5	78	
~~Do in rear~~	~~4~~	~~16 · 0~~		~~1 · 5~~	~~93~~	
Ridge beam	1	27 · 6		1 · 7	44	
Do at sides	1	4 · 0		1 · 7	6	
~~Purlins at sides~~	~~2~~	~~8 · 0~~		~~1 · 7~~		
Carried Over					1383 1372	

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
					1383	
Brought forward					~~1372~~	
Common rafters	40	12-0		0-11	440	
Jack rafters	2	14-0		0-11	26	
Hip rafters	2	8-0		1-3	20	
Private room						
Purlins	2	12-0		1-7	38	
Wall purlins	2	12-0		1-5	34	
Ridge beam	1	12-0		1-7	19	
Common rafters	18	12-0		0-11	198	
Inspectors room						
Purlins	2	14-0		1-7	44	
Wall purlins	2	14-0		1-5	40	
Ridge beam	1	14-0		1-7	22	
Common rafters	22	12-0		0-11	242	
Record room						
Purlins	2	28-0		1-4	75	
Wall purlins	2	28-0		1-3	70	
Ridge beam	1	28-0		1-5	40	
Common rafters	40	12-0		0-10½	420	
Police guard room						
Beam	1	16-0		3-2	51	
Joists	12	15-4½		1-1	200	
Arms and record room						
Joists	12	12-1½		1-6	218	
Passage						
Joists	12	5-7½		1-1	73	
					3653	
Carried Accts.					~~3642~~	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
					3653	
Brought forward					~~3642~~	
Property room						
Beam	1	16-0		3-2	51	
Joists	12	15-2		1-1	177	
Jail wards						
Joists	4×12	8-4½		1-1	436	
Verandah						
Posts	42 ~~44~~	5-9		2-0	473 ~~484~~	
Cap over posts	42 ~~44~~	3-0		0-6	63 ~~66~~	
Breach Summer to Verandah	1	177-9 ~~180~~		1-5	252 ~~264~~	
Do to Court yard	2	37-0		1-5	105	
Rafters	75	10-0		1-0	750	
Do to Court yard	52	10-0		1-0	520	
Hip and Valley rafters to Verandah	7 ~~8~~	13-0		1-3	114 ~~98~~	
Jack rafters	14 ~~12~~	22-0		1-0	308 ~~264~~	
Lane plank to Verandah	1	182-6 ~~173-0~~		1-3	228 ~~216~~	
Do Do to Courtyard	2	37-0		1-3	93	
Do Main wall to Court	2	18-0		1-3	45	
Do Clerks room	2	29-0		1-3	73	
Do Private and Inspectors room	2	29-0		1-3	73	
Do Record room	2	29-6		1-3	74	
Barge board to Court	2	30-0		1-7	95	
Do to end of record room	2	28-0		1-7	133	
Additional prices to above						

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
Lead sheeting for hips & Valleys.						
Verandah.	4	12 · 0	1 · 6		126 ~~108~~	
Court	4	9 · 0	1 · 6		54	
Clerks room	2	9 · 0	1 · 6		27	1035
(5 lbs per Sq ft.)				5	207 ~~189~~ =	945
Teak wood turned pails for Doors.	0	0	0	0	23	23. Rft
Running feet of masonry drain from inside of Court yard to the nearest Nullah or side drain of the road	1	1				20 Rft
Iron gratings to the above						2 Nos
Teak wood punkah 10 feet long with brown hat and fringes brass wheels, hooks & other fittings including suspending & pulling rope complete.	1					1
Arm rack for 10 rifles 6'-9" long						Rs 15.
Pegs for accoutrements 12 Nos						Rs 10/4
Petty Supervision @ 2½ %						
Contingencies @ 5 %						

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
16380 ~~16297~~ cft.	Excavation for foundation	0·10·0	1000 cft	76 ~~75~~	
9982 ~~9807~~ "	Concrete brickbat work puddled Cricks in chunam	14·0·0	100 cft	935 ~~925~~	
9107 ~~9055~~ "	Foundation and basement with Stock brick in chunam	19·8·0	"	1776 ~~1796~~	
11635 ~~11663~~ "	Superstructure do do	20·8·0	"	2385 ~~2389~~	
449 ~~502~~ "	Segmental Archwork do	22·8·0	"	101 ~~113~~	
57 "	Circular archwork do	23·8·0	"	12	
253 ~~237~~ "	Cut stone work do	2·0·0	cft	506 ~~474~~	
240 Sq ft.	Cuddapah slabs for Ventilators including fixing & pointing with cement	24·8·0	100 Sq ft	59	
888 ~~877~~ cft.	Teak wood wrought and put up	3·8·0	cft	3108 ~~2977~~	
132 cft	Teak wood Reeved Headley	4·0·0	cft	528	
461 ~~465~~ lbs	Wrought iron work for trusses	0·3·0	lbs	80	
5845 ~~5799~~ Sq ft	Tiled roofing with flat and pantiles including teak rafters	1·4·0	100 Sq ft	820 ~~815~~	
1571 "	Terracing with brick on edge 1½" thick, 3 courses of flat tiles and 2 coats of plastering on top ceiling	27·0·0	"	424	
208 Rft	Cornice work with Stock brick in Chunam	0·5·0	Rft	65	
	Carried Over			10887 ~~10779~~	

Grand Total of Estimate ..

STATION _____

Dated _____ 189 .

Executive Engineer.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract. 22

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			1088	
204	Sq ft Teakwood panel and venetian doors with frames 4½" x 5" hinges, hooks & other fittings complete.	1·1·0	Sq ft	217	
128	" Teak wood panel & Venetian doors with glazed top frames 4½" x 5" hinges & other fittings complete	1·2·0	"	144	
32	" Teak panel doors with frames 4½" x 5" hinges & other fittings complete.	0·14·0	"	28	
26	" Iron grated doors with battened shutters & fittings etc to property room.	2·7·0	"	63	
128	" Iron grated door with frames strong iron fastenings etc to wards.	1·13·0	"	232	
91	" Iron grated Windows with venetian shutters frames and other fittings complete	1·4·0	"	97	
212	" Iron grated windows with glazed top	2·8·0	"	530	
	Carried Over			1170	
7	23-24	6	6	6	5

Grand Total of Estimate ..

Station _____

Dated _____ 189 .

Executive Engineer

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

CIRCLE—

DIVISION—

DISTRICT—

TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	TOTAL.
1	2	3	4	5	6
		RS.			RS.
	Brought forward			12798	
50 Sqft.	Fixed glazed Ventilators with frames complete.	1-2-0	Sqft.	56	
~~98~~ 92 "	Fixed wire netting Ventilators with frames complete.	0-11-0	"	63	
~~30~~ "	Fixed Iron Ventilators leaded in Stone blocks to Jail wards.	2-8-0	"	79	
5969 ~~5908~~ cft.	Filling in basement.	5-0-0	1000 Cft	30	
4686 ~~4644~~ Sqft.	Levelling course of concrete 6" thick under flooring	7-0-0	100 Sft	328	
4475 ~~4422~~ "	Flooring with 8" Sqre bricks in Chunam and pointed with Portland cement	7-3-0	"	323 ~~319~~	
988 "	Flooring with asphalte ¾" thick well rubbed over	17-5-0	"	171	
12318 ~~12273~~ "	Plastering with 2 coats of chunam polished inside	2-8-0	"	308 ~~307~~	
6915 ~~6913~~ "	Pointing with tar and asphalte	2-8-0	"	172 ~~173~~	
2772 "	Painting doors & windows with 3 coats of carsam Oak paint	2-12-0	"	76	
	Carried Forward			13774 ~~13291~~	
7	23-24	6	6	6	5

Grand Total of Estimate ..

STATION _____

Dated _____ 189 .

Executive Engineer.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs		Rs.	Rs
	Brought forward.			13134	
10852 sft	Painting wood work with				
	fine white paint	2-12-	1025 sft	298	
2596 sft	Moulding 3" to 6" wide	0-15-	do	24	
1035 sft	Lead Beading for ridge	1-3-0	100	194	
23 Rft	Teak wood turned rails				
	for dais.	1-8-0	Rft.	35	
	Cost for masonry drain				
	from inside of courtyard				
	to the nearest nullah				
	or side drain of the road	"	"	20	
No 2	Iron gratings to the above				
	drain	0-8-0	Each	1	
" 1	Teak wood punkah 10 feet				
	long with brown holland				
	fringes, brass wheels, hooks				
	and other fittings including				
	suspenders & pulling ropes.				
	& Complete	"	"	20	
	Arm rack for 10 rifles 6'-9" long	—	—	15	1414111
	Pegs for accoutrements 1 w/2 ho	—	—	10	1384
	10% Supervision @ 2½ %			364	
	Contingencies @ 5%			725	
				1089	
	Grand Total of Estimate ..			15500	

Station _____

Dated _____ 189 .

Henry Irwin
Consulting Architect
Executive Engineer
to Government

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—Revised type design for a Deputy Tahsildar's Office according to the sheet of sections circulated with Chief Engineer's Memorandum No. 3655 C dated 17th November 1894.

Amount of Estimate, Rs.—~~11,880~~. 15500

To be carried out by—P.W.D.

REFERENCES.

ex 4
P.W. 1326 of 95

Revised type design for a Deputy Tahsildars Office with mangalore tiled roofing and terraced ceiling for the Sub Jail wards.

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 2"×1" fixed 12½ inches from centre to centre. All valleys should be protected with sheet lead. The Sub Jail wards will have a terraced ceiling in addition to the tiled roof. Court and other rooms except the Sub Jail wards and Verandah will be ceiled with ½" thick teak planking screwed to the under side of rafters overlapping one inch, the rafters should not be cut.

Henry Irwin
Consulting Architect to Govt

Revised type design for a Deputy Shoriff's Office Mangalore tiled roofing and terra ceiling for the Sub Jail wards.

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Excavation for foundation						
Court walls four sides	1	92·0	4·0	0·0	1840	
Daio	1	17·0 / ~~16·3~~				
Do Steps.	2	3·3				
		23·3 / ~~22·3~~	2·0	0·9	35 / ~~34~~	
Clerks private & Inspectors room, three sides	2	67·6				
Cross wall	1	13·6				
Record room three sides	1	68·6				
Police guard arms & property room three sides	1	1223				
Cross wall	1	13·6				
		352·9	4·0	0·5	7056	
Cross walls	2	13·6	3·7½	0·5	489	
Jail wards front & rear walls	2	34·6				
Jail wall to Jail wards	1	27·0				
		96·0	4·0	0·5	1920	
Cross wall to Jail wards	3	13·6	3·7½	0·5	734	
Verandah all round	1	172·0 / ~~165·0~~				
Do to Court yard	2	34·6				
		241·0			4218	
		~~234·0~~	3·6	0·5	~~4095~~	
Steps in front	1	18·6				
Do in rear	2	11·6 / ~~5·6~~				
Do		~~6·0~~				
		41·6 / ~~34·0~~	2·3	0·9	70 / ~~57~~	
Carried Over					16361 / ~~16218~~	

Do

Exc 3
P.W. 132 6869

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
					16361	
Brought forward					~~16218~~	
Steps to Courtyard	1	17.3				
	1	16.3				
	1	16.6				
		20.0	1.3	0.9	19	16380
Total cubic feet						~~16237~~
Concrete.						
Court wall four sides	1	92.0	4.0	2.0	736	
	1	19.6				
	1	~~17.9~~				
Dais						
	2	4.0				
Do Steps.		27.6			41	
		~~25.9~~	2.0	0.9	~~39~~	
Clerks private & Inspectors room three sides	2	67.6				
Cross wall	1	13.6				
Record room three sides	1	68.6				
Police guard, ammo, and property rooms three sides	1	122.3				
Cross wall	1	13.6				
		352.9	4.0	2.0	2822	
Cross walls	2	13.6	3.7½	2.0	196	
Jail wards front & rear walls	2	34.6				
End walls to Jail wards	1	27.0				
		96.0	4.0	2.0	768	
Cross walls to Jail wards	3	13.6	3.7½	2.0	294	
Verandah all round		172.0				
	1	~~165.0~~				
Do to Courtyard	2	34.6				
		241.0			168	
		~~234.0~~	3.6	2.0	~~1638~~	
Carried Over					~~64984~~	
					65544	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					65544	
					~~64984~~	
Steps in front.	1	18.6				
	1	~~16.6~~				
Do in rear.	2	11.6				
		~~7.0~~				
		41.6			1015	
		~~39.0~~	2.3	0.9	~~784~~	
	1	8.3				
Steps to Courtyard.	1	7.3				
	1	6.6				
		22.0	2.3	0.9	37	
Total Cubic feet						6682 ~~6608~~
Brick work in foundations						
Footings						
Court wall four sides	1	92.0				
Clerks private & Inspectors room three sides	2	68.9				
Cross wall	1	14.9				
Record room three sides	1	69.9				
Police guard ammo & property room three sides	1	123.6				
Cross wall	1	14.9				
		452.3	2.9	1.6	1866	
Cross walls	2	14.9	2½	1.6	105	
Jail wards front & rear walls	2	35.9				
End walls to Jail wards	1	27.0				
		98.6	2.9	1.6	406	
Cross walls to Jail wards	3	14.9	2.4½	1.6	158	
Carried Over					2535	

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					2535	
		174·6				
Verandah all round	1	~~166·3~~				
Do Courtyard	2	35·9				
		2440·0				
		437·9	2	3 1 6	~~824~~ 802	
Stone footings to ground level						
Court wall four sides	1	92·0				
Clerks, private & Inspectors						
Croom three sides	2	69·6				
Cross wall	1	15·6				
Record room three sides	1	70·6				
Police guard arms & property						
room three sides.	1	124·3				
Prop wall	1	15·6				
		456·9	2·0	1·6	1370	
Cross walls	2	15·6	1·7½	1·6	76	
Jail wards front & rear wall	2	36·6				
Yard wall to Jail wards	1	27·0				
		100·0	2·0	1·6	320	
Cross walls to Jail wards	3	15·6	1·7½	1·6	113	
Verandah all round	1	174·6				
Do to Courtyard	2	36·6				
		247·0				
		210·0	1·6	1·6	~~556~~ 540	
Excavation						
Court walls four sides	1	92·0	2·0	2·0	368	
Piers		19·0			~~57~~	
	1	~~18·9~~	1·6	2·0	~~56~~	
Steps to steps	2	4·0	2·0	2·0	32	
Clerks private & Inspectors room 3 sides	2	69·6				
Prop wall	1	15·6				
		154·6	C.R.		~~6192~~ 6231	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					6231 6192	
		154·6				
Record room three sides	1	70·6				
Police guard arms & property room three sides.	1	124·3				
Cross wall	1	15·6				
		364·9	2·0	2·0	1459	
Prop wall	2	15·6	1·7½	2·0	101	
Jail wards front & rear	2	36·6				
Yard wall to Jail wards	1	27·0				
		100·0	2·0	2·0	400	
Cross walls to Jail wards	3	15·6	1·7½	2·0	137	
Verandah all round	1	174·6 ~~166·3~~				
Do to Courtyards	2	36·6				
		247·0 ~~440·0~~	1·6	2·0	714 ~~920~~	
Steps in front	1	14·0	1·0	0·6	7	
Do Do	1	16·0	2·0	0·6	16	
Do Do	1	18·0	3·0	0·6	27	
Do in rear	2	4·0	1·0	0·6	2	
Do Do	2	9·0	2·0	0·6	18	
Do Do	1	11·0	3·0	0·6	17	
~~Do Do~~		~~4·3~~	~~1·0~~	~~0·6~~	~~2~~	
~~Do Do~~		~~1·5~~	~~3·2~~	~~0·6~~	~~6~~	
~~Do Do~~		~~1·6~~	~~3·2~~	~~0·6~~	~~9~~	
Do in Courtyard	1	8·0	2·0	0·9	12	
Do Do	1	7·0	2·0	0·9	11	
Do Do	1	6·0	2·0	0·9	9	
Cubic Feet Total					9207 9139	

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						920 / 9139
Deductions						
Stone slabs on top of Step						
Stone in front	1	18·0	3·3	0·6	29	
Do Do in rear	2	11·0 6·9	3·3	0·6	36½	
Do Do	1	6·3	3·3	0·6	10	
Do Do to Courtyard	1	8·0	2·2	0·6	9	
Do Do Do	1	7·0	2·2	0·6	8	
Do Do Do	1	6·0	2·2	0·6	7	
Sluice ways under posts to let into						
Cross basement 3"	42 / 44	1·0	0·0	0·3	11 / 10	100 / 94
		Total Cubic ft				9107 / 9033
Superstructure						
Round walls four sides	1	92·0	1·6	18½	2570	
Gaol Dais	1	19·6	1·3	1·6	37	
Do Steps	2	4·0	2·0	0·9	12	
Gables front & rear	2	21·0	1·6	3·6	221	
Do at sides	2	9·0	1·6	1·6	41	
Partition privates and Inspection						
Passage room three sides	2	70·0				
Cross wall	1	16·0				
		156·0	1·6	15·6	3627	
Gables	3	19·0	1·6	3·2	271	
Second room three sides	1	71·0	1·6	12·4	1278	
Police guard room & property						
rooms three sides	1	124·9				
Cross walls	1	16·0				
		140·9	1·6	13·0	2745	
Carried Over						10,802

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward						10,802
Cross walls	2	16·0	1·6½	13·0	468	
Jail wards front & rear walls	2	37·0	1·6	13·0	1443	
Jail wall to Jail wards	1	19·0	1·6	13·0	371	
Continuation of Do Do	1	8·0	1·6	9·6	114	
Do Cross walls Do Do	3	16·0	1·6½	13·0	702	
Gables to Passage room & Police guard	5	19·0	1·6	3·2	542	
String course over doors to	5	19·0	1·6½	3·2	338	
Police guard	1	5·6				
Do Over windows	5	5·6				
Do Do to second room	10	3·6				
Do Ventilators to court	1	5·6				
Do Do Do	4	5·6				
Do to end walls	2	5·6				
	2	5·6				
		117·6	2·3	0·3	7	14,787
Deductions						
Doors	17	4·0	1·6	7·9	816	
Do	1	4·0	1·6	8·0 7·9	791	
Do with glazed top	1	4·0	1·6½	8·0 7·9	36	
Windows	1	4·0	1·6	8·9	56	
Do pass	6	4·0	1·6	5·3	53	
Windows with glazed top	6	4·0	0·9	3·0	180	
Do Do pass	6	4·0	1·6	6·3	54	
Do to second room	6	4·0	0·9	2·6	225	
Do pass	10	2·0	1·6	6·11½	45	
Ventilators to court & end rooms	10	2·0	0·9	2·6	184	
	6	4·0	1·6	4·4½	38	
Carried Over					1772	14,787
					1789	

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
					1789 1449	11787
Brought forward						
entilators to Court, Small	11	4 - 0	1 - 6	1 - 9	116	
Do Do to Jail wards	4	4 - 0	1 - 6	1 - 9	42	
Archways to Police guards rectangular portions	1	16 - 0	1 - 6	5 - 0	45	
Do Semicircular portion	1	14 - 11/2	area	1 - 6	21	
Archways to Police guards Small rectangular portion	1	4 - 0	1 - 6	6 - 0	36	
Do Semicircular portion	1	6 - 3	area	1 - 6	9	
Archways to passage	1	5 - 7 1/2	1 - 6	6 - 0	57	
Do Semicircular portion	1	12 - 11/2	area	1 - 6	19	
Brickwork as per details					553	
Sill stone to door ways	13	5 - 0	1 - 6	0 - 6	49	
Do arms and record rooms	1	5 - 0	1 - 1/2	0 - 6	3	
Do property room	1	6 - 6	1 - 6	0 - 6	5	
Stone for iron doors to Jail wards	1x6	1 - 3	0 - 10/2	0 - 6	11	
Do Do at passages	4	3 - 0	1 - 6	1 - 6	27	
Do Do at passages	1x4	1 - 6	1 - 6	0 - 4	9	
Bed plates under trusses	1x4	1 - 6	1 - 6	0 - 9	18	2803 2786
Stone for Jail wards Ventilators						11787
			Total Cubic feet		1201	
Segmental Archwork						
rooms, Court & other rooms	18	5 - 6	1 - 6	1 - 1/2	167	
Do or Arm & record rooms	1	5 - 6	1 - 1/2	1 - 1/2	7	
Windows	12	5 - 6	1 - 6	1 - 1/2	111	
Do to record room	10	3 - 6	1 - 6	1 - 1/2	59	
Ventilators to Court & other rooms	17	5 - 6	1 - 6	0 - 0 1/2	1449	
			Total Cubic feet		1449	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Circular arch work						
Archways to Police guards	1	11 - 3	1 - 6	1 - 1/2	19	
Do Do Do	1	8 - 0	1 - 6	1 - 1/2	14	
Do Do to passages	1	10 - 7/2	1 - 6	1 - 1/2	18	
			Total Cubic feet		51	
Cabstone work						
Slabs under truss to Court clerks and record room	12	1 - 6	1 - 6	0 - 4	9	
Slabs to steps in front	1	18 - 0	3 - 3	0 - 6	29	
Do Do at respective sides	2	11-0 6 - 9	3 - 3	0 - 6	36	
Do Do Do	1	6 - 3	3 - 3	0 - 6	10	
Do to Court yards	1	8 - 0	2 - 3	0 - 6	9	
Do Do Do	1	7 - 6	2 - 3	0 - 6	8	
Do Do Do	1	6 - 0	2 - 3	0 - 6	7	
Stone for posts including the portion (5) let into basement	4+2 1+1	1 - 0	1 - 0	1 - 0	4+2 11	
Sill stone to door ways	13	5 - 0	1 - 6	0 - 6	49	
Do Do arms & record room	1	5 - 0	1 - 1/2	0 - 6	3	
Do property room	1	6 - 6	1 - 6	0 - 6	5	
Do for iron doors to Jail wards	1x6	1 - 3	0 - 10/2	0 - 6	11	
Do Do at passages	4	3 - 0	1 - 6	1 - 6	27	
Do for Ventilators to Jail wards	1+1	1 - 0	1 - 6	0 - 9	18	
			Total Cub. feet		227	2
Cuddapah slabs 2 inches thick Ventilators to court	2x5					
Do Do Small to court & other rooms	11+2	5 - 0	1 - 6		240	
			Total Sqr. feet		240	

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 and put up						
Trusses of 18 ft Span						
Ventilating beams	2	21. 0	0. 4	0. 7½	9	
Do Principal rafters	4	12. 0	0. 4	0. 6½	9	
Purlin Struts	4	5. 6	0. 4	0. 4	2	
Iron straps on head of trusses	2	1. 3	0. 6	0. 9	1	
Do bands						
Purlins including over lapping	2	33. 0	0. 6	0. 7	16	
Corrugated wall purlins	2	28. 0	0. 3	0. 7	6	
Ridge beam	1	33. 0	0. 3	0. 8	6	
Do Ridge beam	2	5. 6	0. 3	0. 8	2	
Purlin Struts Do at sides						
Do Common rafters 2½ ft apart						
Purlins from centre to centre	14	14. 0	0. 3	0. 4	16	
Sill Do Do	8	12. 6	0. 3	0. 4	8	
Eave Do Do	2	10. 6	0. 3	0. 4	2	
Do Do Do	2	10. 3	0. 3	0. 4	2	
Gable Do Do	2	7. 6	0. 3	0. 4	1	
Ridge Do Do	2	7. 3	0. 3	0. 4	1	
Hip Do Do	4	9. 0	0. 3	0. 6	5	
Valley pair rafters at sides	4	6	0. 3	0. 4	2	
Gable Jack rafters Do	4	2. 9	0. 3	0. 4	1	
Do Do						
Office and record rooms						
Principal trusses of 16 ft Span						
Collar beams	4	19. 0	0. 4	0. 6	13	
Principal rafters	8	10. 0	0. 4	0. 6½	12	
Purlins	8	5. 6	0. 4	0. 4	5	
Iron tuck on head of trusses	4	1. 3	0. 6	0. 9	2	
Gable				Carried Over	123 / 122	

May

8

9

10

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

31

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
Clerks room Brought forward					123 / 122	
Purlins in front & rear	2	31. 0	0. 5	0. 7	15	
Wall purlins	2	31. 0	0. 3	0. 7	7	
Ridge beam	1	31. 0	0. 3	0. 8	5	
Do at sides	1	5. 6	0. 3	0. 8	1	
Common rafters	26	13. 6	0. 3	0. 4	29	
Jack rafters	2	7. 0	0. 3	0. 4	1	
Do Do	2	2. 6	0. 3	0. 4	1	
Hip rafters	2	9. 0	0. 3	0. 6	2	
Inspectors room						
Purlins	2	31. 0	0. 5	0. 7	15	
Wall purlins	2	31. 0	0. 3	0. 7	7	
Ridge beam	1	31. 0	0. 3	0. 8	5	
do at sides	1	5. 6	0. 3	0. 8	1	
Common rafters	28	13. 6	0. 3	0. 4	32	
Jack rafters	2	7. 0	0. 3	0. 4	1	
Do Do	2	2. 6	0. 3	0. 4	1	
Hip rafters	2	9. 0	0. 3	0. 6	2	
Record room						
Purlins	2	31. 0	0. 4	0. 6	10	
Wall purlins	2	31. 0	0. 3	0. 6	8	
Ridge beam	1	31. 0	0. 3	0. 7	5	
Common rafters	26	13. 6	0. 2½	0. 4	24	
Police guard room						
Wall plates	2	16½	0	0. 4	3	
Common rafters (average)	14	13. 0	0. 3	0. 5	19	
Collar piece large	7	14. 7	0. 3	0. 5	11	
Do Do Small	7	8. 6	0. 3	0. 4	5	
				C. Over	336 / 337	

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
					337 336	
Brought forward						
Srms and present room						
Wall plate	2	13 1½	0 3	0 4	2	
ntic common rafters (average)	12	13 0	0 3	0 5	16	
Do Collar piece large	6	14 9	0 3	0 5	9	
Do Do Small	6	8 6	0 3	0 4	4	
rectaxage						
Do Wall purlins	2	6 7½	0 3	0 4	1	
chcommon rafters (average)	6	13 0	0 3	0 5	8	
rect Collar piece large	3	14 9	0 3	0 5	5	
Do Do Do Small	3	8 6	0 3	0 4	2	
ghproperty room.						
Do Wall plate in rear.	1	17 0	0 3	0 4	1	
Do common rafters	9	13 6	0 3	0 5	13	
Collar piece large	4	14 9	0 3	0 5	6	
Do Do Small	4	8 6	0 3	0 4	3	
Do Jack rafters	4	10 0	0 3	0 5	4	
Do Do	4	7 0	0 3	0 5	3	
Do Do	4	4 0	0 3	0 5	2	
Collar piece large	3	8 6	0 3	0 5	3	
Do Do Small.	6	4 6	0 3	0 4	2	
Hip rafters.	2	15 6	0 3	0 6	4	
il wardo.						
Wall plates	2	38 0	0 3	0 4	6	
common rafters (average)	32	13 0	0 3	0 5	43	
Collar piece large	16	14 9	0 3	0 6	25	
Do Do Small	16	8 6	0 3	0 4	11	
					510	
Carried Over.					509	

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
					510 509	
Brought forward						
Verandah.	42 41	6 0	0 6	0 6	63 62	
Posts	42 41	1 0	1 0	0 6	21	
Caps over posts	1	187 0 180	0 0	5 0	39 38	
Breastsummers to Verandah	2	39 0	0 5	0 6	16	
Do to courtyard	49	10 6	0 3	0 4½	48	
Rafters	32	10 6	0 3	0 4½	32	
Do to courtyard	16	13 6	0 3	0 6	12	
Hip and Valley rafters to Verandah	14 12	6 3	0 3	0 4½	10 8	
Jack rafters	14 12	3 9	0 3	0 4½	7 5	
Do Do					4	
Wall plates to Verandah	1	133 0	0 3	0 3	8	
Do to Court yard	2	38 0	0 3	0 3	5	
Eave plank for rafters to Verandah	1	182 0 178	0 0	1 0	9 8	
Do Do to Court yard	2	37 0	0 0	1 0	4	
Do Do to Court yard	2	18 0	0 0	1 0	2	
Main wall to Court	2	58 0	0 1	0 7	6	
Do Clerks private & Inspectors room	2	29 6	0 1	0 7	3	
Do present room	2	35 11	0 1	0 7	3	
Police guard Arms passage	1	64 6	0 1	0 7	3	
Property room & Jail wardo in rear	1	14 0	0 1	0 7	2	
Jail wardo in front	2	20				
Barge board to Court	2	28 0				
Do to end rooms						
Do to present rooms and Jail wardo	3	28 0				
Additional piece to above	28	1 6				
Do Do at top	7	3 0				
		263 0	0 1	0 9	16	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					~~807~~ 815	
Beams & Joists for Tresses						
ceiling for the Subjail wards						
Police guard room						
Beam	1	18·6	0-10½	1·0	~~15~~ 16	
Joists	12	17·3	0·3	0·6	92	
Armoury record room						
Joists	12	13·7½	0·3	1·7½	96	
Passage						
Joists	12	7·1½	0·3	0·5	9	
Property room						
Beam	1	18·6	0-10½	1·0	~~15~~ 16	
Joists	12	18·00	0·3	0·6	23	
Jail wards.						
Jail Joists	10	40·00	0·3	0·5	50	
Wall plates to Police guard Ammo, passage, property and Jail wards.	10	17·0	0·4	0·3	14	
				Total Cubic feet	981	991
Teak wood						
Record rack (6×2·3×9·11)						
Uprights	6	9·11	0-3	0-3	4	
Horizontal pieces	28	2·10½	0-2	0-3	3	
Ends & cross pieces	21	2·3	0-2	0-3	2	
Horizontal pieces for shelves	42	2-10½	0-3	0-1	3	
Total for one rack					12	
Total for eleven racks						132 c/ft
				Carried Over.		119

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward						119
7/8" Dr Kingrod for 16 ft tresses	4	7·6	30	×2·01		60
7/8" Do Hexagon nut & heads to tresses	4	"	"	×0·72		3
3/4" Do 1/8" thick washers	12	7·0	6½	×·125×·28		3
1½×3/8" Metal straps	8	2·8	20-0	×1·87		37
1½×3/8" bearing plates	8	0·6¾	×	1·87		8
3/8" Hexagon nuts	16	"	"	0·267 ×0·264		4
Caps of 3/8" plates 6" wide	4	2×½	= 4	× 15		60
Iron for packing 1" decimeter	42	1·3	52·5	×2·62		138
Holding down bolts & heads of each trusses 1/2" decimeter	12	1·9	21	×0·656		14
Head and nuts to do do	12			× 0·129 ×0·135		2
3" Dr 1/8" thick washers for holding down bolts & packs	54	7·0	6½	×·125 ×·28		13
				Total Iron work		~~457~~ 461
Teakwood ceiling planks 1" thick should be screwed to under sides of rafters, overlapping one inch.						
Court	1	32·0	30-0		960	
Cloth, private & Inspectors room	2	29·0	28-0		1624	
Record room	1	29·6	28-0		826	
				Total Sqr ft.		3410

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Roofing with Mangalore tiles including teak pasjeru.						
Court.	1	32.0		30.0	960 ✓	
Clerks, private, & Inspecting rooms.	2	29.0		28.0	1624 ✓	
Record room.	1	29.6		28.0	826 ✓	
Police guard arms & passage	1	35.4½		28.0	991 ✓	
Property room & Jail wards.	1	61.6		26.6	1630 ✓	
	1	160.9			1688	
Verandah in front	1	163.0		10.6	1669 ✓	
do to Courtyard.	2	37.0		10.6	777 ✓	
					8496	8496
				Total Sqfeet	8496	8496
Invaced ceiling to Jail wards &c Police guard arms passage and property room.	1	53.10½		17.0	916 ✓	
Jail wards	1	38.6		17.0	655 ✓	
				Total Sqfeet	1571 ✓	
Doors. Teak panel and Venetian doors with frames 3½"x5" hinges, hasps & other fittings complete	8	3-4 / 3-6		7-8 / 7-6	204 / 203	
				Total Sqft	203	204
Teak panel doors with frames 3½"x5" hinges and other fittings complete.	5	3-4 / 3-6		7-8 / 7-6	128 / 127 ✓	
				Total Sq ft	127	128

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
Panel and Venetian door with glazed top frames 3½"x5" hinges and other fittings complete	1	3-4 / 3-6		8-8 / 8-6	32 / 29 ✓	
				Total Sqft	29	32
Iron grated door with fastenings &c to property room	1	3-4 / 3-6		7-8 / 7-6	26 / 25 ✓	
				Total Sqft	25	26
Iron grated door with frames. Strong iron fastenings &c to wards.	4	4-0		8-0	128 ✓	
				Total Sqft	128	
Windows Iron grated Windows with venetian shutters and frames & other fittings complete.	6	3-5		4-5	91 ✓	
				Total Sqft	91	
Iron grated windows with venetian shutters and glazed top.	6	3-5		6-2	126	
do do to record room	10	1-6		5-9	86	
				Total Sqfeet	212	

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						
Ventilators with fixed glazed shutters frames complete for Court	2	3·6		3·6	25	
Do Do to end rooms	2	3·6		3·6	25	
			Total Superfeet		50	
Ventilators with wire netting frames complete	2	4·0		4·0	32	
Do Do Do	10/11	4·0		1·6	66	
			Total Superfeet		98	92
Iron barred Ventilators leaded in Stone blocks to Jail wards and property room	5½	4·0		1·6	30 / 24	
			Total Superfeet		24	30
Filling in basement						
Court	1	24·6	17·6	1·6	648	
Dais	1	5·9	5·6	1·6	47	
Clerks room	1	25·0				
Private Do	1	11·6				
Inspectors Do	1	11·6				
Record room	1	25·6				
Police guard	1	14·10½				
Arms and record	1	11·7½				
Passage	1	5·11½				
Property room	1	15·6				
Jail wards	4	7·10⅞				
		152·3	15·6	1·6	3540	
Carried Forward					4230	

35

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					4230 / 1164	
Verandah	1	147·9 / 146·5	3·1	6	1105	
Do Courtyard	2	36·6	5·3	1·6	575	
			Total Sub ft.		5969 / 5908	
Levelling course of concrete 6" thick under flooring.						
Court	1	24·6		17·6	429	
Clerks room	1	25·0				
Private room	1	11·6				
Inspectors room	1	11·6				
Record room	1	25·6				
Police guard	1	14·10½				
Arms and record	1	11·7½				
Passage	1	5·11½				
Property room	1	15·6				
Jail wards	4	7·10⅞				
		152·3		15·6	2360	
Verandah	1	147·9 / 140·0		5·3	776 / 735	
Do in courtyard	2	36·6		5·3	383	
Courtyard	1	36·6		21·4½	780	4607 / 4728
Deduct For Steps	1	21·0		2·0	42	42
			Total Superfeet		4646	4686

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 6" Sqebrickin in chunam & pointing with Portland cement.						
Court	1	25.0		18.0	450	✓
Clerks room	1	25.6		16.0	408	✓
Private do	1	12.0		16.0	192	✓
Inspectors do	1	12.0		16.0	192	✓
Police guard	1	15.4½		16.0	246	✓
Arms and records	1	12.1½		16.0	194	✓
Passage	1	5.7½		16.0	90	✓
Property room	1	16.0		16.0	256	✓
Verandah	1	153.3 / 146.6		7.0	1073 / 1022	
Do to Courtyard	2	37.0		7.0	518	✓
Court yard	1	36.6		21.4½	780	✓
Doorways	15	4.0		1.0	60	✓
Recess to windows	11	4.0		0.9	33	✓
Archways	1	6.0		1.9	11	✓
Do	1	4.0		1.6	6	✓
Do to passage	1	5.7½		1.6	8	✓
					4463.4517	
Deduct for Stone for posts.	42 / 41	1.0		1.0	42 / 41	✓
					41 42	
Total Square ft.					4475 / 4433	

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

ESTIMATE FORM.—Detail Measurements.

Detail 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 asphalte ¾" thick						
Record rooms	1	26.0		16.0	416	✓
Recess to windows	10	2.0		0.9	15	✓
	1	4.0		0.9	3	✓
Jail wards	4	8.4½		16.0	538	✓
Doorways to Do	4	4.0		1.0	16	✓
Total Squares					988	
Plastering interior 2 Coats						
Court	1	86.0		18.7½	1602	✓
Dais sides	2	7.0		1.6	21	✓
Gables	2	18.0		3.6	126	✓
Do at sides	2/4	9.0		1.6	27/54	✓
Clerks room	1	83.0		15.6	1297	✓
Private and Inspectors room	2	56.0		15.6	1736	✓
Gables	6	16.0		3.0	288	✓
Record room	1	84.0		12.0	1008	✓
Gables	1½	16.0		3.0	72/48	✓
Police guard	1	62.9				
Arms & record room	1	56.3				
Passage	1	43.3				
Property room	1	64.0				
Jail wards	4	48.9¼				
		421.6½		12.3	5163	✓
Gables to jail wards & property rooms	17	16.0		3.0	816	✓
Door Jambs & Soffits of do	17	20.0		1.6	570	
Carried Forward					12659 / 12666	

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					12656 ~~12659~~	
Door Jambs & Soffits to Police guard	1	20-0		1-1½	23	
Do Do Do	1	20-0		1-6	30	
Archways to Police guards	1	19-6		1-6	29	
Do Do	1	18-3		1-6	27	
Do to passage	1	20-10		1-6	31	
Window Jambs and Soffits	6	14-0		1-6	126	
Do Do	6	17-6		1-6	158	
Do record room	10	14-6		1-6	218	
Do recess	6x2	0-9		3-0	27	
Do Do	16x2	0-9		2-6	60	
Ventilators Jambs sills & soffits to Court and ends	6	16-0		1-6	144	
Do Do Small & Jambs	15	11-0		1-6	248	13780 13783
Deductions						
Doors one side in the main building	8	4-0		7-6	240	
Do Do in Jail wards	4	4-0		8-0	128	
Do two sides	2x6	4-0		7-6	360	
Do to Police guard one side	1	4-0		8-6	34	
Archways.						
Rectangular portion to Police guard	1	6-0		5-0	30	
Semicircular portion	1	14-1½	area		14	
Rectangular portion to Police guard	1	4-0		6-0	24	
Semicircular portion	1	1-6-3	area		6	
Rectangular portion to passage	1	5-7½		6-0	34	
Semicircular portion	1	12-4½	area		12	
Windows	6	4-0		5-0	120	
Carried Over.					1002	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					1002	13780 13783
Windows with flared top.	6	4-0		6-7½	159	
Do to Record room	10	2-0		6-1½	123	
Ventilators to Courts and room	6	4-0		4-0	96	
Do Small	15	4-0		1-6	90	1470
				Total Superfect		12310 12313
Pointing Interior		358-0		2-0	716	
All round the basement	1	357-11½		1-6	174	
Do Courtyard	1	115-9				
Court				22-1½	929	
Front & rear with gables	2	21-0		18-7½	335	
	2	9-0				
Sides	2	3-0		2-0	12	
Do						
Clerks private & Inspectors room						
Front	2	27-0		15-6	837	
Rear	2	8-0		15-6	248	
Do	2	4-0		4-0	32	
End wall with gable	2	19-0		15-8	709	
Record room three sides	1	72-6		12-0	870	
Do Gables	1	19-0		3-2	60	
Police guard armed property room two sides.	1	73-1½		13-0	954	
Jail wards	1	38-6		13-0	501	
Back wall	1	19-0		13-0	247	
End wall	2	19-0		3-2	120	
Gables						
Continuation of end wall sides and top.	2	8-0		10-6	168	
Carried Over.					6911	6912

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.					6912 ~~6911~~	
Court yard.						
Front wall of Jail wards.	1	37. 0		13. 0	481	
Side wall of Police guard, arms and record & passage	1	95. 4½		13. 0	1240	7853 ~~7852~~
Deductions.						
Doors.	9	4. 0		7. 6	270	
Do in Jail wards	4	4. 0		8. 0	128	
Do in Police guard	1	4. 0		8. 6	34	
Windows	6	4. 0		6. 0	120	
Do with glazed top	6	4. 0		6. 7½	159	
Do record room	10	2. 0		6. 1½	123	
Ventilators	6	4. 0		4. 0	96	
Do	15	4. 0		1. 6	90	
Archways to Police guard						
Rectangular portion	1	6. 0		5. 0	30	
Semicircular portion	1	11. 1½	area		11	
Rectangular portion	1	4. 0		6. 0	24	
Semicircular portion	1	6. 3	area		6	
Rectangular portion to passage	1	5. 7½		6. 0	34	
Semicircular portion	1	12. 4½	area		12	1140.
				Total Deduction		6713 6712
Painting doors and windows						
Panel and Venetian doors	8	4. 0	2 2/4	7. 6	660	
Do with glazed tops	1	4. 0	2 2/4	8. 6	94	
Panel doors	5	4. 0	2 1/4	7. 6	338	
Carried Down					1092	

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward.					1092	
Iron grated door with battened shutters.	1	4. 0	2 2/4	7. 6	83	
Do Do without shutters	4	4. 0	1 1/4	8. 0	160	
Iron barred windows with venetian shutters	6	4. 0	3/4	5. 0	390	
Do Do with glazed tops	6	4. 0	3	6. 9	486	
Do Do Do	10	2. 0	3	6. 3	375	
Iron glazed Ventilators	4	4. 0		4. 0	64	
Do wire netting Do	2	4. 0		4. 0	32	
Do Do Do	11	4. 0		1. 6	66	
Iron barred Ventilators	4	4. 0		1. 6	24	
				Total Deduction		2772
Painting wood work with 2 coats of Zinc white paint						
Two trusses of 18 ft Span	2	18. 0		1. 7	57	
Principal rafters	4	11. 0		1. 5	62	
Struts	4	5. 3		1. 4	28	
Block on head of trusses	2	2. 6		1. 3	6	
Court						
Purlins	2	29. 0		1. 7	92	
Wall purlins	2	~~29.~~ 27. 0		1. 5	~~87~~ 81	
Clerks & record room						
Four trusses of 16 ft Span						
Tie beams	4	16. 0		1. 4	85	
Principal rafters	8	9. 6		1. 3	95	
Struts	8	5. 3		1. 4	66	
				Carried Over	563	

563

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					563 ~~563~~	
Blocks on heads of tuscco.	4	2·6		1·3	13 ✓	
Clerks room						
Purlins	2	27·6		1·7	87 ✓	
Wall purlins	2	27·6		1·5	78 ✓	
Private room.						
Purlins	2	12·0		1·7	38 ✓	
Wall purlins	2	12·0		1·6	34 ✓	
Inspectors room.						
Purlins	2	14·0		1·7	44 ✓	
Wall purlins	2	14·0		1·6	40 ✓	
Record room						
Purlins	2	28·0		1·4	75 ✓	
Wall purlins	2	28·0		1·3	70 ✓	
Verandah						
Posts	42 ~~41~~	5·9		2·0	473 ~~472~~ ✓	
Cap over posts	42 ~~41~~	3·0		0·6	63 ~~62~~ ✓	
Breastsummers to Verandah	1	177·9 ~~170·0~~		1·5	252 ~~240~~ ✓	
Do to Courtyard	2	37·0		1·5	105 ✓	
Rafters.	49	10·0		1·0	490 ✓	
Do to Courtyard	32	10·0		1·0	320 ✓	
Hip and Valley rafters to Verandah	76	13·0		1·3	114 ~~98~~ ✓	
Jack rafters.	14 ~~12~~	6·3		1·0	88 ~~75~~ ✓	
Do Do.	14 ~~12~~	3·9		1·0	53 ~~46~~ ✓	
Eave plank to rafters to Verandah	1	182·0 ~~192·0~~		1·3	229 ~~216~~ ✓	
Do Do. to Courtyard.	2	37·0		1·8	98 ✓	
Do main wall to Court.	2	18·0		1·8	45 ✓	
Gable to private & Inspectors room	2	58·0		1·3	145 ✓	
Record room.	2	29·6		1·3	74 ✓	
Carried Down					8543 ✓	

39

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward					~~3308~~ 3513 ✓	
Police guard room & passage	2	35·4½		1·3	86 ✓	
Property room and jail wards	1	61·6		1·3	77 ✓	
Jail wards in front	1	41·0		1·3	51 ✓	
Barge board to Court	2	30·0		1·7	95 ✓	
Do to end rooms	2	28·0		1·7	89 ✓	
Do to record room & Jail wards	3	28·0		1·7	133 ✓	
Additional pieces to barge boards	28	1·6		1·7	67 ✓	
Do Do at top.	7	3·0		1·7	33 ✓	
Wood work for truss & ceiling						
Police guard room						
Beam	1	16·0		2·10	45 ✓	
Joists	12	15·4½		1·1	200 ✓	
Arms and record room						
Joists	12	12·1½		1·6	218 ✓	
Passage						
Joists	12	5·7½		1·1	73 ✓	
Property room						
Beam	1	16·0		2·10	45 ✓	
Joists	12	15·2		1·1	197 ✓	
Jail wards					437	
Joists	4×12	8·4⅞		1·1	~~404~~ ✓	
Ceiling plank to court	1	32·0		30	960 ✓	
Do Clerks private & Inspectors room	3	29·0		28·0	1624 ✓	
Record room	1	29·6		28·0	828 ✓	
Total Carried					~~8843~~ 8733	

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
Painting wood work hidden by the ceiling plank						
Court						
Ridge beam.	1	29.0		1.7	46	
Do Do.	2	4.0		1.7	13	
Common rafters.	14	13.0		0.11	167	
Do Do.	8	11.6		0.11	84	
Do Do	2	9.6		0.11	17	
Do Do	2	9.3		0.11	17	
Do Do	2	6.6		0.11	12	
Do Do	2	6.3		0.11	11	
Hip rafters at sides	4	8.0		1.3	40	
Jack rafters	4	8.9		0.11	30	131
Clerks room.						
Ridge beam.	1	27.6		1.7	44	
Do at sides	1	4.0		1.7	6	
Common rafters	26	12.0		0.11	286	
Jack Do.	2	9.6		0.11	17	
Hip Do.	2	8.0		1.3	20	
Private & Inspectors room.						
Ridge beam.	1	26.0		1.7	41	
Do at sides	1	4.0		1.7	6	
Common rafters.	28	12.0		0.11	308	
Jack rafters	2	9.6		0.11	17	
Hip rafters.	2	8.0		1.3	20	
Carried Over					1203	
					1202	

40

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
1	2	3	4	5	6	7
Brought forward.					1203 / 1202	
Record room.						
Ridge beam.	1	28.0		1.6	40	
Common rafters	26	12.0		0.10½	273	
Police guard room.						
Common rafters	14	12.0		1.1	182	
Collar pieces large.	7	14.9		1.1	112	
Do Do Small.	7	8.6		0.11	55	
Arms and record room.						
Common rafters	12	12.0		1.1	156	
Collar pieces large.	6	14.9		1.1	96	
Do Do Small.	6	8.6		0.11	47	
Passage						
Common rafters	6	12.0		1.1	78	
Collar pieces large	3	14.9		1.1	48	
do do Small	3	8.6		0.11	23	
Property room.						
Common rafters	9	12.0		1.1	117	
Collar pieces large.	4	14.9		1.1	64	
do do Small.	4	8.6		0.11	31	
Jack rafters	4	21.0		1.1	91	
Collar pieces large.	3	8.6		1.1	28	
Do Do Small	6	4.6		0.11	25	
Hip rafters.	2	13.6		1.3	34	
Jail wards.						
Common rafters.	32	12.0		1.1	416	
Collar pieces large	16	14.9		1.1	256	
Do Do Small.	16	8.6		0.11	125	
Carried Over.					3499 / 3500	

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					3500	
					4417	
Rupees.					3410	
Ceiling planks inside.						
				Total Superficial		11327
Iron working.						4826
Lead Shutters to W. hips &						
Wood sliding 3 Coats						
Record racks (6-0 x 2-3 x 9-11)						
Uprights	6	10.0	-	1.0	60	
Horizontal pieces	28	2-9	-	0-10	64	
Ends & cross pieces	21	2-0	-	0-10	35	
Horizontal pieces for Shelves	42	2-9	-	0-8	77	
Total for one rack					236	
Total for eleven racks						2596-Sft
				Total Superficial	Sqft	23.
Running feet of masonry drain from inside of Court yard to the nearest kutcha or side drain of the road.	"	"	"	"	"	20 Rs
Iron gratings to the above	No				2	No2
Teak wood punkah 10ft long with brown holland fringed brass wheels hooks & other fittings inclusive suspenders & pulling rope & complete.	No				1	No1.
Iron rack for 10 rifles 6'-9" long					Rs	15.
Pegs for accoutrements - 12 nos					Rs	10 -
Petty Supervision @ 2½ %						
Contingencies @ 5 %						

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs		Rs.	Rs.
16380 ~~16207~~ cft	Excavation for foundation	4-10-0	1000 cft	76 ~~75~~	
6682 ~~6608~~ "	Concrete broken metalled bricks in chunam	14-0-0	100 cft	935 ~~926~~	
9107 ~~9086~~ "	Foundation & basement with Stock bricks in chunam	19-8-0	"	1775 ~~1766~~	
VI 984 ~~12801~~ "	Superstructure do Do.	20-8-0	"	2457 ~~2480~~	
449 ~~502~~ "	Segmental archwork do.	22-8-0	"	VD1 ~~448~~	
57 "	Circular do. do.	23-8-0	"	12	
253 ~~2017~~ "	Cut stone work	2-0-0	cft	506 ~~4034~~	
240 Sqft	Cuddapah Slabs for Ventilators including fixing and pointing with cement	24-8-0	100 sft	59	
991 ~~981~~ cft.	Teak wood wrought putlogs	3-8-0	cft	3468 ~~3401~~	
132 ~~467~~ cft	Teak wood Jagers & trusses	4-0-0	cft.	528	
465 lbs	Wrought Iron work for trusses	0-3-0	lbs	86	
8496 ~~8415~~ Sqft	Roofing with Mangalore tiles including teak Battens	20-8-0	100 sft	1743 ~~1725~~	
1571 "	Terraced ceiling with bricks on edge jelly 3" thick 2 courses of flat tiles and two coats of plastering on top and at ceiling	24-0-0	"	377	
3410 "	Teak wood ceiling planks ½" thick.	22-8-0	"	767	
				12889	
	Carried Accts			~~14493~~	
	Grand Total of Estimate ..				

STATION _____

Dated _____ 189 .

Executive Engineer.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

42

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs		Rs. 12889 / 12973	Rs.
	Brought forw and				
204 / 206	Sq ft. Teak wood panel & Venetian doors with frames 4" x 3½" x 5" hinges hooks and other fittings complete.	1-1-0	Sq ft.	217 / 216	
128 / 127	" Teak wood panel & Venetian doors with glazed top frames 4" x 3½" x 5" hinges & other fittings complete.	1-2-0	"	1444 / 1443	
32 / 29	" Teak panel doors with frames 4" x 3½" x 5" hinges and other fittings complete.	0-14-0	"	28 / 26	
26 / 26	" Iron grated door with battened shutters & fittings & to property room.	2-7-0	"	63 / 61	
128	" Iron grated door with frames Strong rian fastenings & to wards.	1-13-0	"	232	
91	" Iron grated windows with venetian shutters frames & other fittings complete.	1-1-0 / 2-8-0	"	97 / 246	
212	" Iron grated windows with glazed top.	2-8-0	"	530	
				14200 / 13708	
1	#234 Carried over				

Grand Total of Estimate ..

Station _____

Dated _____ 189 .

Executive Engineer.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs
	Brought forward			14200 13702	
50 Sqft.	Fixed glazed Ventilators with frameswe Complete.	1-2-0	Sqft	56	
~~92~~ 98 "	Fixed wire netting Ventilators with frameswe Complete.	0-11-0	"	~~63~~ 67	
~~30~~ 24 "	Fixed iron Ventilators leaded in Stone blocks to Jail wards.	2-8-0	"	~~70~~	
~~5969~~ 5908 cft	Filling in basement.	5-0-0	1000cft	30	
~~4686~~ 4645 Sqft	Levelling course of cement 6" thick under flooring	7-0-0	100Sft	~~328~~ 325	
~~4475~~ 4422 "	Flooring with 8" Sqre bricks in chunam and pointed with Portland Cement	7-3-0	"	~~322~~ 318	
988 "	Flooring with asphalte ½" thick well rubbed over	17-5-0	"	171	
~~12310~~ 12,313 "	Plastering with 2 Coats of chunam polished inside	2-8-0	"	308	
~~6713~~ 6712 "	Pointing with tur and asphalte	2-8-0	"	168	
	Carried over.			~~15716~~ 15711	
				→ 15716	

Grand Total of Estimate ..

Station _____

Dated _____ 189 .

Executive Engineer.

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—

Amount of Estimate, Rs.—

To be carried out by—

REFERENCES.

444

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount	Total.
1	2	3	4	5	6
		Rs.		Rs.	Rs.
	Brought forward			15716	
212 Sft.	Painting sides and windows with 3 coats of Cursons Oak paint.	2-12-0	100 Sft.	76	
243	Painting wood work with fine white paint	2-12-0	"	2403	
327	Painting wood work which				
	hidden by ceiling plank with one coat of fine white	1-1-0	"	120	
2596 Sft.	Reboiling 2 coats to the old work	0-1-5	"	21	
395 Sft.	Lead flashing for valleys	0-3-0	"	262	
23 Rft.	Teak wood turned pails for rain water pipes	1-8-0	Rft.	35	
	Cost of masonry drain from inside of courtyard to the nearest nullah or side drain of the road			20	
No 2	Iron gratings to the above drain	0-8-0	Each	1	
" 1	Teak wood punkah with lacq with brown holland fringes brass wheels hooks & other fittings including suspenders rope &c complete.	"	"	20	
	Arm racks for 10 rifles 6-9" long	"	—	15	16543
	Pegs for accoutrements 12 Nos	—	—	10	15968
	Grand Total of Estimate ..				

Station _____

Dated _____ 189 .

Executive Engineer.

P. W. D. Form,
[illegible]

P W
No. 1

Circle—

Division—

District—

Taluk (or Estate in case of Estate W[illegible]

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.				16542 ~~15768~~
	Petty Supervision @ 2½ %			416 ~~400~~	
	Contingencies @ 5 %			832 ~~800~~	
					17790 ~~16968~~

Grand Total of Estimate .. 17790 ~~16968~~

Station Chepauk

Dated February 1895.

Henry Irwin
Consulting Architect
~~Executive Engineer~~
to Government

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

Circle—

Division—

District—

Taluk (or Estate in case of Estate Works)—

ESTIMATE FORM.—Abstract.

Financial Head—

Budget Head—

Departmental Head—

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work—Revised type design for a Deputy Tahsildars Office bungalow titled roofing terrace ceiling for the Sub Jail wards.

Amount of Estimate, Rs.—~~17170~~ 17790—

To be carried out by—P.W.D.

REFERENCES.

Ac 1326 dt 95
P.W.

P.W. CURRENT R. 1326

Read 25-2-95

En: 6

Public Works Department.

From

THE CONSULTING ARCHITECT

TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer
& Secretary
Madras

No. 3498

Dated 21 } February 1895.
Received }

No. OF ENCLOSURES. 6

Subject.

Submitting revised Schedules of quantities for Second class Taluq offices with tiled roofing

1st recd
Ltr Pwd

5-2-95

25-2-95