(1) Number of pages 36.

(2) Date of repair 6.10.87.

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. / B.P. No:	1206-W	Press. / Mis.
Dated	22-5-1885	198 .

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1206
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel H. D. CLOETE, Inspector-General of Police, to the Chief Secretary to Government, dated Madras, 17th April 1885, No. 2145:—

With reference to item No. 74 in the Public Works Department budget for 1885-86 (preliminary issue), I have the honor to forward, for sanction, plan and estimates, amounting to Rs. 2,690, for the construction of a third-class station-house and huts for one head and five constables at Samayanallúr, Madura district.

1 Report.	2 Detailed estimates.
1 Specification.	2 Abstract do
1 Site plan.	2 Abstracts (general).
1 Land statement.	

2. This work and another, viz., construction of a station-house and huts at Veerapaudi (items Nos. 74 and 73), are shown in the budget under head "Minor Works;" but as the actual estimates amount, respectively, to Rs. 2,690 and Rs. 2,930, they come under the category of "Major Works." The appropriation, therefore, of Rs. 2,350 in the budget for each of these two works becomes available for some other emergent minor works.

3. I request that these amounts may be appropriated for some of the sanctioned minor works embodied in the statement covered by my letter, No. 6971, dated 13th December 1884 (G.O., Mis. No. 275, dated 31st January 1885, Judicial Department), for which no provision is made in the present budget.

No. 884, Judicial.

Approved and transferred to the Public Works Department for disposal.

OOTACAMUND,
1st May 1885.

(Signed) E. F. WEBSTER,
Chief Secretary.

ORDER—dated 22nd May 1885, No. 1206 W., Public Works.

The estimate, amounting to Rs. 2,690, for constructing a third-class police station-house and constables' huts at Samayanallúr, in the Madura district, is sanctioned.

2. A sum of Rs. 2,350 has been provided for the work in the Provincial budget for 1885-86; but no expenditure is at present admissible under orders from the Government of India restricting outlay.

3. This sanction has been registered as Provincial No. 42 W. of 1885-86, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, VI Circle, with eight enclosures.
" Examiner, Public Works Accounts, with one general abstract estimate.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated May 22nd.

Recd. *Encl.*

G.O., 22nd May 1885, No. 1206 W.

MAY.

Police Station-house and Constables' Huts at Samayanallur, Madura District

Estimate for —, sanctioned.

1206
2

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

2nd August 1880, No. 1828 W.

Buildings and Roads.
Civil Works.

Read the following paper:—

No. 4. From R. F. CHISHOLM, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, Buildings and Roads Branch, dated Chepâk, 21st July 1880, No. 276.

I HAVE the honor to return the plans and estimates of the alternative design for first, second and third-class stations with sloped roofing countersigned by the Assistant Inspector-General of Police.

3 Plans.
3 Estimates.
1 Specification.

No. 5. ORDER THEREON, 2nd August 1880, No. 1828 W.

THE Government approve the alternative standard designs for first, second and third-class Police stations submitted by the Consulting Architect, and direct their adoption in supersession of all previous designs for such buildings.

2. The designs will be lithographed and the specification and estimates of quantities printed and circulated for the information of the department.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
" Superintendents of Works.
To the Consulting Architect.
" Judicial Department.

Exd. A. Aubert.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1880} Madras.

PUBLIC WORKS.

Dated August, 2nd.

Read. Encl.

G.O., 2nd Aug. 1880, No. 1828 W.

AUGUST.

Standard Designs for Police Stations.—Directing the adoption of the alternative — submitted by the Consulting Architect in supersession of all previous designs for such buildings.

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7

DEPARTMENT PUBLIC WORKS.

POLICE STATIONS.

Specification of Works to be performed in executing the Standard Designs of Police Stations with Sloped Roofing according to Drawings Nos. 1, 2, 3, *A.*

EXCAVATOR.

Clearing Site.—Take down any existing building on the site stacking such materials as it may be desirable to use again.

Excavation.—After the centre lines have been pegged and lined, set out on either side of the lines half the total breadth of the foundations and excavate to the depth or depths shown on the drawing, or to such depth as the officer in charge of the works may direct.

Slips and Baling.—If slips occur during the progress of the works, clear the material away and bale any water lodging in the trenches from a hole or holes made without the limits of the same.

Ramming.—After the officer in charge of the work has seen that the trenches are the full and proper widths and depths well ram the bottom with heavy beaters for the after reception of the concrete.

BRICKLAYER.

Concrete.—Lay over the full breadth of the foundations about 9″ of concrete as hereinafter specified and well ram with heavy beaters to a thickness of about 6″. After the first layer has been consolidated, lay a second, and execute as before. The completed concrete should be about 12″ thick.

Brickwork.—Mark out carefully the centre lines and lay off the thickness of the first footing broad. When the bricks are very inferior it would be advisable to make each offset three bricks high.

The brickwork will be executed in sound material, and care will be taken to insert during the progress of the work the door frames, nogs and brackets for the arm-racks, &c.

The walls will be a brick and a half thick (not less than 1′ 1½″ or greater than 1′ 5″. The quantities allow 1′ 3″).

Splays.—The openings will be splayed as shown on the plan.

Loopholes.—Loopholes of the form and dimensions shown on the drawing will be left in the walls. After the masonry is set build in with half a brick in mud and plaster all flush on the outside.

Arching.—The heads of the openings will be covered by segmental arches built in concentric rings clear of the frame. The space between the arch and the top of the frame will be carefully closed in after the brickwork has settled down.

Bond.—The bond should be English if possible.

Stones.—Fix the stones under the verandah posts, also those under the truss, and fasten properly all wood supplied by the carpenter.

STONE MASON.

Provide and dress two lines, No.—stones 1′ × 1′ × 4″ with mortice holes 2″ square and 2″ deep to receive the verandah posts.

Steps.—Provide and dress two lines, the steps shown on the drawing tailing each stone not less than 3″.

CARPENTER.

Truss.—Frame a truss of the dimensions and form shown on the drawing. The heels of the rafters will be tenoned into the tie-beam and strapped down tight, and the heads allowed to butt simply. Over the heads place a chock, hollowed out so as to cover the joints, and fasten it down by the first nut (the struts having been cut to admit of the camber), lap a rope round the

Note.—Vary this clause according to class.

truss twist up the tie-beam to the required camber, and screw home the first nut on the king rod. The lower ends of the struts will butt simply against the tie-beams and against each other, and they will be held in their places by round pieces of wood; the upper ends will be tenoned into the rafters. When the truss is hoisted, put on the ridge over the king rod head and screw the second nut down tight. Halve the purlins and rafters each to the extent of 1", support the purlin over the wall.

Rafters.—Supply and fix common rafters 2" × 3" spaced 18" from centre to centre. Let the ends of ridge and purlins project beyond the face of the outer wall to the extent of 1' 5", spike on the ends the ornamental pieces shown on the plan.

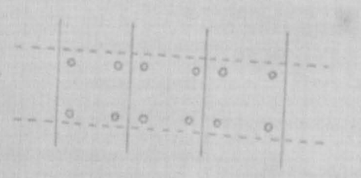
Ventilators.—Supply frame and fix two end ventilators, build the shoulders of the cills into the walls, and fasten the top by halving to the extent of 1" into the ridge and screw to the last rafter. Frame the side ventilators into the wall purlin. Frame the roof of the verandah as shown in the details on the drawing.

Reepers.—Under the tiles lay reepers 2" × ¼" spaced 5" from centre to centre.

Planking.—Over the rafters of the lock-up cells lay 1" planking in lieu of reepers, fasten the same strongly, so that prisoners cannot easily remove the planking and escape by the roofs.

Arm-racks.—Provide and fix arm-racks in strict accordance with the dimensions set forth on the drawing.

Provide strong batten doors made of three-quarters of an inch planks horizontal and vertical well held together with palm



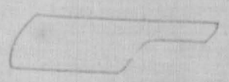
trenails four to each crossing, cut in suitable positions clear of joints and of the holes for firing through. Provide strong fastenings and iron bars on the inside of each opening.

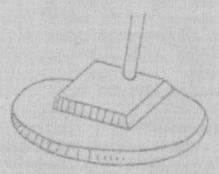
(Here specify whether the woodwork is to be painted or oiled. Painting in Carson's oak color being preferable for all wood exposed to the weather.)

FLOOR.

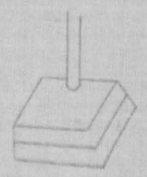
Fill in plinth with earth (specify sand if procurable), well ram the same. Put down a layer of old broken rubbish about 6" thick under the tiling and bring all to an even surface for the reception of the tiles. Lay a tiled floor of 6" square tiles.

N.B.—The ordinary tiles may be greatly improved at a very little extra cost in the following manner:—Mould in slop work in the ordinary way and allow to dry until the earth just receives the impression of the finger pressed upon it, generally from 48 to 72 hours. Then beat with a wooden mallet on a hard surface to about an inch thickness from say 1⅛"; provide a template the size of the tile required and cut with sloping sides.





Tile uncut.



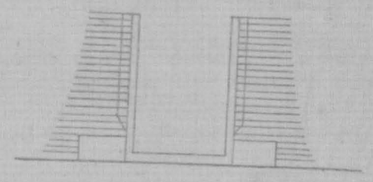
Tile cut.

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when laid the underside should be turned up thus:



the texture of the earth being closer will require heavier firing. Where stone is cheap it will add much to the durability of the building to curb the verandah with stone and to place stone at the bottom of all openings.



ROOFING.

The roof will consist of tiles neatly shaped and well burnt.

Lay in the valleys caused by the two slopes of the verandah roof either sheet lead or zinc. Then tile over the whole protecting by chunam bands if necessary.

IRONMONGER.

Provide iron doors as shown on the drawing neatly rivetted, bolted or screwed as the case may be.

Provide for the entrance a rim lock with a key hole on either side; the other iron gratings may be padlocked.

PLASTERER.

Plaster the whole of the interior and exterior two coats of plaster, making the last coat sufficiently smooth for the after reception of wash.

Wash the interior and exterior with two coats of wash well sized. The general tint of the interior should be composed of—

40 parts lime,
1 part yellow ochre.

This tint should be used on the parts marked A exterior. Those marked B should be washed with—

200 parts lime,
8 ,, yellow ochre,
2 ,, red ochre,
1 part lampblack.

The imitation arch bricks marked C—

20 parts lime,
5 ,, yellow ochre,
10 ,, red ochre.

The colors may be renewed from year to year and will always have a neat and finished appearance.

MATERIALS.

The bricks will be cast in a mould * * * * well burnt and free from defects.

The tiles will be * * well burnt and water tight.

The timber will be well seasoned, sound and free from defects.

The lime will be collected at properly burnt and slaked.

The sand will be collected at

The iron work will be procured from the Government Workshops.

CHEPÂK,
9th July 1880.

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

MADRAS,
20th July 1880.

(Signed) T. K. GUTHRIE, Major,
Asst. Inspector-General of Police,
for Inspector-General of Police.

ESTIMATE of the Cost of constructing a First-class Police Station-house with Sloped Roofing according to Standard Design No. 1-A.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls	...	112 0	4 0	3 0	1,344	
Partitions	2	12 3	4 0	3 0	294	
Do.	1	6 3	3 6	3 0	66	
Verandah walls	...	48 3	3 6	3 0	507	
Steps	...	11 0	3 0	1 6	50	
Cubic feet ...	...	...	...	...	2,261	
Cubic yards ...	...	...	...	...	...	84
Earth-filling in Basement.						
Guard-room	1	18 0	15 0	1 6	405	
Lock-up	1	9 0	15 0	1 6	203	
Do. and Inspector's	2	9 0	7 1½	1 6	192	
Verandah	1	37 0	6 3	1 6	347	
Cubic feet ...	...	...	...	...	1,147	
Cubic yards ...	...	...	...	...	...	43
Concrete 12 inches thick.						
Excavation 2,211 cubic feet ÷ 3 = ...	...	...	...	...	737	
Steps	1	11 0	3 0	1 0	33	
Cubic feet ...	...	...	...	...	770	
Brickwork in Foundations.						
Footings—						
Outer walls						
Partitions	...	112 0	2 3	1 6	378	
Do.	2	14 0	2 3	1 6	95	
Verandah walls	1	8 0	1 9	1 6	21	
Above footings to ground level—	...	50 0	1 9	1 6	131	
Outer walls						
Extra thickness for plinth ...	...	112 0	1 3			
Partitions	...	79 6	0 3	0 6	70	
Do.	2	15 0	1 3	0 6	10	
Verandah walls	1	9 0	0 9	0 6	19	
Steps	...	51 0	0 9	0 6	3	
	1	11 0	3 0	0 6	19	
Cubic feet ...	...	...	...	...	763	
Brickwork in Basement.						
Outer walls	...	112 0	1 3	2 0	280	
Extra thickness for plinth ...	...	79 6	0 3	2 0	40	
Partitions	2	15 0	1 3	2 0	75	
Do.	1	9 0	0 9	2 0	14	
Verandah walls...	...	51 0	0 9	2 0	77	
Steps	1	11 0	3 0	0 6	17	
Do.	1	9 0	2 0	0 6	9	
Deduct stone in steps	1	7 0	1 0	0 6	4	
Cubic feet ...	...	...	...	...	...	516
	...	...	...	...	...	23
	...	...	...	...	...	493

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls	...	112 0	1 3	10 6	1,470	
Partitions	2	15 0	1 3	10 6	394	
Gables	4	17 6	1 3	2 10½	252	
Partition	1	9 0	0 9	16 3	110	
						2,226
Deductions.						
Doors	2	3 9	1 3	6 6	61	
Do.	4	2 9	1 3	6 0	83	
Window	1	3 0	1 3	4 0	15	
Ventilators	5	4 9	1 3	1 9	52	
Do. in gables	2	3 6	1 3	2 7	23	
Archwork as per details	...	...	...	...	33	
						267
Cubic feet ...	...	...	...	...	...	1,959
Archwork.						
Segmental arches over doors	2	4 6	1 3	1 0		
Do. do. do.	4	3 6	1 3	1 0	33	C. ft.
Do. do. windows ...	1	3 6	1 3	1 0		
Stonework if easily procured.						
Steps	...	37 0	1 3	0 6	23	Do.
Teakwood.						
Verandah posts	2	0 5	0 5	8 0	3	
Do.	4	0 5	0 5	5 9	4	
Breastsummers	2	17 0	0 5	0 5½	6	
Rafters for verandah	20	10 6	0 2½	0 3½	13	
Ridge for entrance	1	9 0	0 2½	0 5	1	
Hip rafters for do.	2	12 6	0 3	0 4½	2	
Small rafters for do.	4	9 0	0 2½	0 3½		
Do. do.	4	8 0	0 2½	0 3½		
Do. do.	4	6 6	0 2½	0 3½	7	
Do. do.	2	5 0	0 2½	0 3½		
Do. do.	4	4 0	0 2½	0 3½		
Barge board for do.	2	9 8	0 ¾	0 4	1	
Struts for do.	2	5 0	0 2½	0 10½	2	
Cleats to secure verandah—						
Rafters to breastsummers ...	20	0 2½	0 8	1 0	3	
Truss, 15 feet span. Tie beams ...	1	17 6	0 4	0 6	3	
Truss, 15 feet span. Principal rafters.	2	9 6	0 4	0 4	2	
Truss, 15 feet span. Struts	2	4 9	0 3	0 3	1	
Purlins ...	2	45 0	0 4	0 5	13	
Wall purlins ...	2	45 0	0 4	0 4	10	
Ridge	1	45 0	0 2½	0 7	5	
Common rafters.	31	11 9	0 2	0 3	15	
Do. do. ...	27	10 6	0 2	0 3	12	
Do. at ends ...	4	11 9	0 3	0 3	3	
Barge boards ...	4	12 6	1 0	0 1	4	
Cubic feet ...	...	...	...	...	110	
Wrought Iron Work in Truss.						
1" diameter king rod	1	6 9	×	2·62	17·68	
1" hex. nut and bolt head	3	...	×	0·55	1 65	

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth	Depth.	Contents.	Total.
Wrought Iron Work in Truss—cont.		FT. IN.	FT. IN.	FT. IN.		
3 inches × 3 inches × ⅛ inch washers	3	...	×	0·32	0·96	
1½ inches × ⅜ inch flat iron straps ...	2	2 6	×	1·87	9·35	
1¾ inches × ½ inch bearing plates ...	2	0 6	×	2·92	2·92	
½ inch hex. nuts for straps	4	...	×	0·06	0·24	
2 inches × 2 inches × ⅛ inch washers	4	...	×	0·14	0·56	
lbs. ...	...	...	...	...	33·36	
Inner Doors.						
Inner doors	4	2 9	...	6 0	66	S. ft.
Teak Batten Doors with Frames and Fastenings.						
Outer doors	2	3 9	...	6 6	49	Do.
Batten window	1	3 0	...	4 0	12	Do.
Ventilators, wooden frames, and venetians with iron bars.	5	4 9	...	1 9	42	Do.
Ventilators, wooden frames, and iron bars at gable ends.	2	3 6	...	2 7	18	Do.
Frames with fixed venetians in gables ...	2	7 6	...	1 3	19	Do.
Moulding over exterior opening.						
Doors	2	5 0	...	...	10	
Window	1	4 6	...	...	4½	
Lineal feet ...	...	...	...	...	14½	
Stones under verandah posts 1′ × 1′ × 4″.	...	6 in number.				
Stones under truss	..	2 in number.				
Tiled Roofing with Pan Tiles over 1″ Teak Planking.						
Lock-up	1	12 6	...	12 0	320	
Do.	1	1 8	...	12 0		
Do.	1	10 10	...	10 6	114	
Square feet ...	...	...	...	...	434	
Squares ...	...	...	...	...	...	4·34
Tiled Roofing with Flat and Pan Tiles over Teak Reepers.						
Guard-room, lock-up, &c.	1	19 4	...	12 0	252	
	1	1 8	...	12 0		
Verandah	1	10 10	...	10 6	317	
Entrance	1	19 4	...	10 6		
...	2	33 10½	...	10 0	339	
		9 0	...	4 10	87	
Square feet ...	...	...	...	...	995	
Squares ...	...	...	...	...	...	9·95

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Flooring with Square Tiles.		FT. IN.	FT. IN.	FT. IN.		
Guard-room	1	15 0	...	18 0	270	
Inspector's room	1	7 1½	...	9 0	64	
Verandah	1	38 6	...	7 0	270	
Door pieces	2	3 9	...	1 3		
Do.	1	2 9	...	1 3	13	
Do.	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	622	
Squares ...	...	...	...	...	...	6·22
Flooring with Jelly 6″ thick and painting over with a composition of 1 lb. of Asphalte to 5 lbs. of Tar.						
Lock-up	1	15 0	...	9 0	135	
Do.	1	7 1½	...	9 0	64	
Door pieces	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	204	
Squares ...	...	...	...	...	...	2·04
Plastering interior and washing.						
Guard-room	...	66 0	...	10 6	693	
Gables	2	17 6	...	2 10½	101	
Lock-up	...	48 0	...	10 6	504	
Gables	2	17 6	...	2 10½	101	
Lock-up and Inspector's room ...	2	32 3	...	10 6	677	
Do. partition, upper portion ...	2	9 0	...	5 9	104	
Gables	2	16 3	...	2 10½	93	
Door jambs	2	17 6	...	1 3	43	
Do.	4	15 0	...	1 3	75	
Window jambs	1	14 0	...	1 3	18	
Ventilator do.	5	8 3	...	1 3	52	
Do. do.	2	7 6	...	1 3	19	
						2,480
Deductions.						
Doorways	2	3 9	...	6 6	49	
Do. ... ... 2 ×	4	2 9	...	6 0	132	
Window	1	3 0	...	4 0	12	
Ventilators	5	4 9	...	1 9	42	
Do.	2	3 6	...	2 0	14	
						249
Square feet ...	...	...	...	...	...	2,231
Squares ...	...	...	...	...	...	22·31
Plastering exterior and washing.						
Basement	...	132 6	...	2 0	265	
Superstructure	...	117 0	...	10 6	1,229	
Gables	2	17 6	...	2 10½	101	
						1,595

Detailed Quantities– cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Deductions.						
Door	2	3 9	...	6 6	49	
Window	1	3 0	...	4 0	12	
Ventilators	5	4 9	...	1 9	42	
Do.	2	3 6	...	2 0	14	
						117
Square feet ...	...	...	...	...	...	1,478
Squares ...	...	...	...	...	...	14·78
Painting with three Coats of Wood-oil.						
Rafters for verandah	20	10 6	...	0 9½	166	
Ridge for entrance	1	9 0	...	1 ½	9	
Hip rafters for do.	2	12 6	...	1 0	25	
Tie-beam		120 0	...	0 9½	95	
Principal rafters	1	17 6	...	1 8	29	
Struts	2	9 6	...	1 4	25	
Purlins	2	4 9	...	1 0	10	
Wall purlins	2	44 4	...	1 2	103	
Ridge	2	44 4	...	1 0	89	
Common rafters	1	44 4	...	1 4½	61	
Do.	31	11 9	...	0 8	432	
Do. at ends	27	10 6	...	0 8	24	
Planking	4	11 9	...	0 6	434	
Reepers	...	...	...	...	726	
		2,488 0	...	0 3½		
Square feet ...	...	...	...	...	2,228	
Squares ...	...	...	...	...	...	22·28
Painting with three Coats of Carson's Oak Color.						
Doors ... ... 2 ×	2	3 9	...	6 6	98	
Do. ... ... 2 ×	4	2 9	...	6 0	132	
Window ... ... 2 ×	1	3 0	...	4 0	24	
Ventilators with venetians and iron bars ... ... 3 ×	5	4 9	...	1 9	125	
Ventilators with iron bars .. 2 ×	2	3 6	...	2 7	36	
Frames with venetians in gables 3 ×	2	7 6	...	1 3	56	
Posts	4	1 8	...	5 5	62	
Do.	2	1 8	...	7 8		
Breastsummers	2	17 0	...	1 9	60	
Cleats	20	0 6	...	0 9	8	
Barge board over entrance	2	9 8	...	0 4¾	8	
Struts for do.	2	4 0	...	1 0	8	
Barge board in gables	4	12 6	...	1 0	50	
Square feet ...	...	...	...	...	667	
Squares ...	...	...	...	...	...	6·67
Arm-rack for ten rifles	...	7 lineal feet.				
Pegs for accoutrements	...	12 in number.				
Moveable shelf for Inspector's room ...	...	1 in number.				

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ABSTRACT.

First-class Police Station-house with Tiled Roofing, Plan No. 1-A.

Quantity.	Item.	Rate. RS. A. P.	Per	Amount. RS. A. P.
84 C. yds.	Excavation for foundations			
43 „	Earth-filling in basement			
770 C. ft.	Concrete			
763 „	Brickwork in foundations			
493 „	Do. in basement			
1,959 „	Do. in superstructure			
33 „	Archwork			
23 „	Stonework in steps (if easily procured).			
110 „	Teakwood wrought and put up ...			
33·36 lbs.	Wrought iron work in truss			
66 S. ft.	Iron doors			
49 „	Teak batten doors with frames and fastenings.			
12 „	Teak batten window do. ...			
42 „	Ventilators, wooden frames, and venetians with iron bars.			
18 „	Do. wooden frames and iron bars at gable ends.			
19 „	Frames with fixed venetians in gables.			
14½ L. ft.	Mouldings over exterior openings ...			
6 No.	Stones under verandah posts			
2 „	Do. under truss			
4·34 Sqs.	Tiled roofing with pan-tiles over 1 inch teak planking.			
9·95 „	Tiled roofing with flat and pan-tiles over teak reepers.			
6·22 „	Flooring with square tiles			
2·04 „	Do. with jelly 6 inches thick and painting over with tar and asphalte composition.			
22·31 „	Plastering interior and washing ...			
14·78 „	Do. exterior and washing ...			
22·28 „	Painting with three coats of wood-oil.			
6·67 „	Do. with three coats of Carson's oak color.			
7 L. ft.	Arm-rack for ten rifles			
12 No.	Pegs for accoutrements			
1 „	Moveable shelf for Inspector's room ...			
	Contingencies at 5 per cent ...			
	Total ...			

CHEPÂK,
9th July 1880.

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

MADRAS,
20th July 1880.

(Signed) T. K. GUTHRIE, Major, R.E.,
Asst. Inspector-General of Police,
for Inspector-General of Police.

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Teakwood—cont.		FT. IN.	FT. IN.	FT. IN.		
Batten window with frames and fastenings.	1	3 0	...	4 0	12	Sq. ft.
Ventilators, wooden frames and venetians with iron bars.	4	4 9	...	1 9	33½	Do.
Ventilators, wooden frames and iron bars at gable ends.	2	3 6	...	2 7	18	Do.
Frame with fixed venetians in gables ...	2	7 6	...	1 3	19	Do.
Stones under posts 1′ × 1′ × 4″ ...	...	6 in number.		...	...	
Moulding over exterior openings.						
Door	1	...	...	...	5	
Window	1	...	...	...	4½	
Lineal feet ...	...	...	...	...	9½	
Tiled Roofing with Pan Tiles over 1″ Teak Planking.						
Lock-up	1	13 4	...	12 0	160	
Do.	1	1 8	...	12 0	20	
Do.	1	10 10	...	10 6	114	
Square feet ...	...	...	...	...	434	
Squares ...	...	...	...	...	...	4·34
Tiled Roofing with Flat and Pan Tiles over Teak Reepers.						
	1	13 4	...	12 0	160	
	1	1 8	...	12 0	20	
Verandah	1	10 10	...	10 6	114	
Entrance	1	13 4	...	10 6	140	
	...	28 4½	...	9 6	270	
	2	9 0	...	4 6	81	
Square feet ...	...	...	...	...	785	
Squares ...	...	...	...	...	...	7·85
Flooring with Square Tiles.						
Guard room	1	12 0	...	15 0	180	
Inspector's room	1	9 0	...	7 1½	64	
Verandah	1	32 6	...	6 6	211	
Door piece	1	3 9	...	1 3	5	
Do.	1	2 3	...	1 3	3	
Do.	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	468	
Squares ...	...	...	...	...	...	4·68

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Flooring with Jelly 6″ thick and Painting over with a composition of 1 lb. Asphalte to 5 lb. of Tar.		FT. IN.	FT. IN.	FT. IN.		
Lock-up	1	15 0	...	9 0	135	
Do.	1	7 1½	...	9 0	64	
Door pieces	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	204	
Squares ...	...	...	...	...	...	2·04
Plastering interior and washing.						
Guard room	...	54 0	...	10 6	567	
Gables	2	17 6	...	2 10½	101	
Lock-up	...	48 0	...	10 6	504	
Gables	2	17 6	...	2 10½	101	
Lock-up and Inspector's room ...	2	32 3	...	10 6	677	
Partition, upper portion	2	9 0	...	5 9	104	
Gables	2	16 3	...	2 10½	93	
Door jambs	1	17 0	..	1 3	21	
Do.	4	15 0	...	1 3	75	
Window jambs	1	11 0	...	1 3	14	
Ventilator	4	8 3	...	1 3	41	
Do.	2	7 6	...	1 3	19	
						2,317
Deductions.						
Doorway ... ... 2 ×	1	3 9	...	6 6	24	
Do.	4	2 9	...	6 0	132	
Window	1	3 0	...	4 0	12	
Ventilators	4	4 9	...	1 9	33	
Do.	2	3 6	...	2 0	14	
						215
Square feet ...	...	...	...	...	...	2,102
Squares ...	...	...	...	...	...	21·02
Plastering exterior and washing.						
Basement'	...	119 6	...	2 0	239	
Superstructure	...	105 0	...	10 6	1,103	
Gables	2	17 6	...	2 10½	101	
						1,443
Deductions.						
Doors	1	3 9	...	6 6	24	
Window	1	3 0	...	4 0	12	
Ventilators	4	4 9	...	1 9	33	
Do.	2	3 6	...	2 0	14	
						83
Square feet ...	...	...	...	...	...	1,360
Squares ...	...	...	...	...	...	13·60

ESTIMATE of the Cost of constructing a Second-class Police Station-house with Sloped Roofin according to Standard Design No. 2-A.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls	...	100 0	4 0	3 0	1,200	
Partitions	2	12 3	4 0	3 0	294	
Do.	1	6 3	3 6	3 0	66	
Verandah walls	...	41 3	3 6	3 0	433	
Steps	...	11 0	3 0	1 6	50	
Cubic feet ...	...	...	...	...	2,043	
Cubic yards ...	...	...	...	...	...	76
Earth-filling in Basement.						
Guard-room	1	12 0	15 0	1 6	270	
Lock-up	1	9 0	15 0	1 6	203	
Do. and Inspector's	2	9 0	7 1½	1 6	192	
Verandah	...	31 0	5 9	1 6	267	
Cubic feet ...	...	...	...	...	932	
Cubic yards ...	...	...	...	...	...	35
Concrete 12 inches thick.						
Excavation 1,993 cubic feet ÷ 3 = ...	...	...	...	...	664	
Steps	1	11 0	3 0	1 0	33	
Cubic feet ...	...	...	...	...	697	
Brickwork in Foundations.						
Footings—						
Outer walls						
Partitions		100 0	2 3	1 6	338	
Do.	2	14 0	2 3	1 6	95	
Verandah walls	1	8 0	1 9	1 6	21	
Above footings to ground level—		43 0	1 9	1 6	113	
Outer walls		100 0	1 3	0 6	63	
Extra thickness for plinth ...		74 0	0 3	0 6	9	
Partitions	2	15 0	1 3	0 6	19	
Do.	1	9 0	0 9	0 6	3	
Verandah walls		44 0	0 9	0 6	17	
Steps	1	11 0	3 0	0 6	17	
Cubic feet ...	...	...	...	...	695	
Brickwork in Basement.						
Outer walls		100 0	1 3	2 0	250	
Extra thickness for plinth ...		74 0	0 3	2 0	37	
Partitions	2	15 0	1 3	2 0	75	
Do.	1	9 0	0 9	2 0	14	
Verandah walls		44 0	0 9	2 0	66	
Steps	1	11 0	3 0	0 6	17	
Do.	1	9 0	2 0	0 6	9	
Do.	1	7 0	1 0	0 6	4	
					472	
Deduct stone in steps	...	...	...	...	23	
Cubic feet ...	...	...	...	...	449	

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Brickwork in Superstructure.						
Outer walls	...	100 0	1 3	10 6	1,313	
Partitions	2	15 0	1 3	10 6	394	
Gables	4	17 6	1 3	2 10½	252	
Partition	1	9 0	0 9	16 3	110	
						2,069
Deductions.						
Door	1	3 9	1 3	6 6	30	
Do.	4	2 9	1 3	6 0	83	
Do.	1	3 0	1 3	4 0	15	
Window	4	4 9	1 3	1 9	42	
Ventilators	2	3 6	1 3	2 7	23	
Do. in gable ends	...	...	...	...	28	
Archwork as per details						221
Cubic feet ...	...	...	...	...	...	1,848
Archwork.						
Segmental arches over door	1	4 6	1 3	1 0	28	C. ft.
Do. do.	4	3 6	1 3	1 0		
Do. window	1	3 6	1 3	1 0		
Stonework if easily procured.						
Steps	...	37 0	1 3	0 6	23	Do.
Teakwood.						
Posts	4	0 5	0 5	6 1½	4	
Do.	2	0 5	0 5	8 0	3	
Breastsummers	2	14 0	0 5	0 5	5	
Rafters for verandah	16	10 0	0 2½	0 3½	10	
Ridge for entrance	1	8 7	0 2½	0 5	1	
Hip rafters for do.	2	11 6	0 3	0 4½	2	
Small rafters for entrance	2	8 6	0 2½	0 3½	6	
Do. do.	4	7 0	0 2½	0 3½		
Do. do.	4	6 0	0 2½	0 3½		
Do. do.	4	4 6	0 2½	0 3½		
Do. do.	4	3 6	0 2½	0 3½		
Barge board	2	9 0	0 4	0 ¾	1	
Struts for entrance	2	0 10	0 2½	5 1	2	
Cleats to secure verandah rafters to breastsummers.	18	0 2½	0 8	1 0	3	
Purlins over guard room	2	14 0	0 5	0 6	6	
Do. over lock-up and Inspector's room.	4	12 8	0 4	0 5	7	
Wall purlins	2	38 6	0 4	0 4	9	
Ridge	1	38 6	0 2½	0 7	5	
Common rafters	27	11 9	0 2	0 3	23	
Do.	23	10 6	0 2	0 3		
Common rafters at ends	4	11 9	0 3	0 3	3	
Barge boards	4	12 6	1 0	0 1	4	
Cubic feet ...	...	...	...	...	94	
Iron inner doors	4	2 9	...	6 0	66	Sq. ft.
Teak batten door with frames and fastening.	1	3 9	...	6 6	24	Do.

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Teakwood—cont.		FT. IN.	FT. IN.	FT. IN.		
Batten window with frames and fastenings.	1	3 0	...	4 0	12	Sq. ft.
Ventilators, wooden frames and venetians with iron bars.	4	4 9	...	1 9	33¼	Do.
Ventilators, wooden frames and iron bars at gable ends.	2	3 6	...	2 7	18	Do.
Frame with fixed venetians in gables ...	2	7 6	...	1 3	19	Do.
Stones under posts 1'×1'×4"	...	6 in number.		...	...	
Moulding over exterior openings.						
Door	1	...	...	...	5	
Window	1	...	...	...	4½	
Lineal feet ...	...	...	...	...	9½	
Tiled Roofing with Pan Tiles over 1" Teak Planking.						
Lock-up	2	12 6	...	12 0	320	
Do.	1	1 8	...	12 0		
Do.	1	10 10	...	10 6	114	
Square feet ...	...	...	...	...	434	
Squares ...	...	...	...	...	...	4·34
Tiled Roofing with Flat and Pan Tiles over Teak Reepers.						
	1	13 4	...	12 0	180	
	1	1 8	...	12 0		
	1	10 10	...	10 6	254	
Verandah	1	13 4	...	10 6		
Entrance	...	28 4½	...	9 6	270	
	2	9 0	...	4 6	81	
Square feet ...	...	...	...	...	785	
Squares ...	...	...	...	...	...	7·85
Flooring with Square Tiles.						
Guard room	1	12 0	...	15 0	180	
Inspector's room	1	9 0	...	7 1½	64	
Verandah	1	32 6	...	6 6	211	
Door piece	1	3 9	...	1 3	8	
Do.	1	2 8	...	1 3		
Do.	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	468	
Squares ...	...	...	...	...	...	4·68

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
Flooring with Jelly 6" thick and Painting over with a composition of 1 lb. Asphalte to 5 lb. of Tar.		FT. IN.	FT. IN.	FT. IN.		
Lock-up	1	15 0	...	9 0	135	
Do.	1	7 1½	...	9 0	64	
Door pieces	3	2 9	...	0 7½	5	
Square feet ...	...	...	...	...	204	
Squares ...	...	...	...	...	...	2·04
Plastering interior and washing.						
Guard room	...	54 0	...	10 6	567	
Gables	2	17 6	...	2 10½	101	
Lock-up	...	48 0	...	10 6	504	
Gables	2	17 6	...	2 10½	101	
Lock-up and Inspector's room ...	2	32 3	...	10 6	677	
Partition, upper portion	2	9 0	...	5 9	104	
Gables	2	16 3	...	2 10½	93	
Door jambs	1	17 0	..	1 3	21	
Do.	4	15 0	...	1 3	75	
Window jambs	1	11 0	...	1 3	14	
Ventilator	4	8 3	...	1 3	41	
Do.	2	7 6	...	1 3	19	
						2,317
Deductions.						
Doorway	1	3 9	...	6 6	24	
Do. ... ... 2 ×	4	2 9	...	6 0	132	
Window	1	3 0	...	4 0	12	
Ventilators	4	4 9	...	1 9	33	
Do.	2	3 6	...	2 0	14	
						215
Square feet ...	...	...	...	...	...	2,102
Squares ...	...	...	...	...	....	21·02
Plastering exterior and washing.						
Basement	...	119 6	...	2 0	239	
Superstructure	...	105 0	...	10 6	1,103	
Gables	2	17 6	...	2 10½	101	
						1,443
Deductions.						
Doors	1	3 9	...	6 6	24	
Window	1	3 0	...	4 0	12	
Ventilators	4	4 9	...	1 9	33	
Do.	2	3 6	...	2 0	14	
						83
Square feet ...	...	...	...	...	...	1,360
Squares ...	...	...	...	...	...	13·60

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Painting Roof with three coats of Wood oil.						
Rafters for verandah	16	10 0	...	0 9½	127	
Ridge for entrance	1	8 7	...	1 ½	9	
Hip rafters for do.	2	11 6	...	1 0	23	
Small rafters for do.	...	101 0	...	0 9½	80	
Purlins	2	12 0	...	1 5	34	
Do.	4	10 8	...	1 2	50	
Wall purlins	2	38 0	...	1 0	76	
Ridge	1	35 6	...	1 4½	49	
Common rafters	27	11 9	...	0 8	} 373	
Do.	23	10 6	...	0 8		
Planking	4	11 9	...	0 6	24	
Reepers	...	...	...	...	434	
	...	1,945 0	...	0 3½	567	
Square feet ...	...	...	...	...	1,846	
Squares ...	...	...	...	...	...	18·46
Painting with three coats of Carson's Oak color.						
Doors ... ... 2 ×	1	3 9	...	6 6	49	
Do. ... ... 2 ×	4	2 9	...	6 0	132	
Window ... ... 2 ×	1	3 0	...	4 0	24	
Ventilators with venetians and iron bars ... ... 2 ×	1	4 9	...	1 9	100	
Do. with iron bars ... 2 ×	2	3 6	...	2 7	36	
Frames with venetians in gables 3 ×	2	7 6	...	1 3	56	
Posts	4	1 8	...	5 9	} 64	
Do.	2	1 8	...	7 9		
Breastsummers	2	14 0	...	1 8	47	
Cleats	18	0 6	...	0 9	7	
Barge board over entrance	2	9 0	...	0 4¾	7	
Struts	2	4 0	...	1 0	8	
Barge board in gables	4	12 6	...	1 0	50	
Square feet ...	...	...	...	...	580	
Squares ...	...	...	...	...	...	5·80
Arm-rack for four rifles	...	2¾ lineal feet.				
Pegs for accoutrements	...	6 in number.				
Movable shelf for Inspector's room ...	...	1 in number.				

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ABSTRACT.

SECOND-CLASS Police Station-house with Sloped Roofing, Plan No. 2-A.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
76 C. yds.	Excavation for foundations ...			
35 „	Earthfilling in basement ...			
697 C. ft.	Concrete			
695 „	Brickwork in foundations ...			
449 „	Do. in basement ...			
1,848 „	Do. in superstructure ...			
28 „	Archwork			
23 „	Cut-stone work in steps ...			
94 „	Teakwood wrought and put up ...			
66 Sq. ft.	Iron inner doors			
24 „	Teak batten door with frames and fastenings.			
12 „	Do. window do. ...			
33¼ „	Ventilators, wooden frames, and venetians with iron bars.			
18 „	Ventilators, wooden frames and iron bars for gable ends.			
19 „	Frames with fixed venetians for do. do.			
6 No.	Stones under posts			
9½ L. ft.	Moulding over exterior openings.			
4·34 Sqs.	Tiled roofing with pan tiles over one inch teak planking for lock-up.			
7·85 „	Tiled roofing with flat and pan tiles and teak reepers.			
4·68 „	Flooring with square tiles ..			
2·04 „	Do. lock-up with jelly six inches thick and painting over with tar and asphalte composition			
21·02 „	Plastering and washing interior..			
13·60 „	Do. do. exterior...			
18·46 „	Painting roof with three coats of wood-oil.			
5·80 „	Do. doors and windows and exposed wood work with three coats of Carson's oak color.			
2¾ L. ft.	Arm-rack for four rifles			
6 No.	Pegs for accoutrements ...			
1 „	Movable shelf for Inspector's room.			
	Rupees ...	...	...	...
	Contingencies at 5 per cent...	...	...	...
	Total ...	...	...	...

CHEPÂK,
9th July 1880.

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

MADRAS,
20th July 1880.

(Signed) T. K. GUTHRIE, Major,
Asst. Inspector-General of Police,
for Inspector-General of Police.

ESTIMATE of the Cost of constructing a Third-class Police Station-house with Sloped Roofing according to Standard Design No. 3-A.

Detailed Quantities.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Excavation for Foundations.						
Outer walls	...	69 6	4 0	3 0	945	
Partition	1	9 3	4 0	3 0		
Verandah walls	...	28 0	3 6	3 0	294	
Steps	1	11 0	3 0	1 6	50	
Cubic feet ...	...	...	...	...	1,289	
Cubic yards ...	...	...	...	...	...	48
Earthfilling in Basement.						
Guard room	1	12 0	12 0	1 6	342	
Lock-up	1	7 0	12 0	1 6	148	
Verandah	1	18 9	5 3	1 6		
Cubic feet ...	...	...	...	...	490	
Cubic yards ...	...	...	...	...	...	18
Concrete 12 inches thick.						
Excavation 1,239 cubic feet ÷ 3 = ...	...	...	...	...	413	
Steps	1	11 0	3 0	1 0	33	
Cubic feet ...	...	...	...	...	446	
Brickwork in Foundations Footings.						
Outer walls	...	69 6	2 3	1 6	272	
Partition	1	11 0	2 3	1 6		
Verandah walls	...	29 9	1 9	1 6	78	
Above footings to ground level—						
Outer walls	...	69 6	1 3	0 6	51	
Partition	1	12 0	1 3	0 6		
Extra thickness for plinth	...	55 3	0 3	0 6	7	
Verandah walls	...	30 9	0 9	0 6	12	
Steps	1	11 0	3 0	0 6	17	
Cubic feet ...	...	...	...	...	437	
Brickwork in Basement.						
Outer walls	...	69 6	1 3	2 0	174	
Extra thickness for plinth	...	55 3	0 3	2 0	28	
Partition	1	12 0	1 3	2 0	30	
Verandah walls	...	30 9	0 9	2 0	46	
Steps	1	11 0	3 0	0 6	17	
Do.	1	9 0	2 0	0 6	9	
Do.	1	7 0	1 0	0 6	4	
					308	
Deduct stone in steps	...	...	...	...	23	
Cubic feet ...	...	...	...	...	285	
Brickwork in Superstructure.						
Outer walls	...	69 6	1 3	10 6	1,070	
Partition	1	12 0	1 3	10 6		
Gables	3	14 6	1 3	2 5	131	
						1,201

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Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Deductions.						
Door	1	3 9	1 3	6 6	30	
Do.	1	2 9	1 3	6 0	21	
Ventilators	3	4 9	1 3	1 9	31	
Do. in gables	2	3 6	1 3	2 4	20	
Archwork as per details	...	...	...	...	10	
						112
Cubic feet ...	...	...	...	...	...	1,089
Archwork.						
Segmental arch over door	1	4 6	1 3	1 0	10	C. ft.
Do. do.	1	3 6	1 3	1 0		
Stonework if easily procured.						
Steps	...	37 0	1 3	0 6	23	Do.
Teakwood.						
Posts	2	0 5	0 5	6 4	2	
Do.	2	0 5	0 5	8 1½	3	
Breastsummers	2	7 10	0 5	0 5	3	
Rafters, verandah	8	9 6	0 2½	0 3½	5	
Ridge for entrance	1	8 3	0 2½	0 5	1	
Hip rafters for do.	2	11 0	0 3	0 4½	2	
Small rafters do.	2	8 0	0 2½	0 3½		
Do.	4	7 0	0 2½	0 3½		
Do.	4	6 0	0 2½	0 3½	6	
Do.	2	4 6	0 2½	0 3½		
Barge board for do.	4	3 6	0 2½	0 3½		
Struts	2	5 0	0 2½	0 10	2	
Cleats to secure verandah rafters to breastsummers	8	0 2½	0 8	1 0	1	
Purlins over guard room	2	15 9	0 5	0 6	7	
Do. over lock-up	2	10 6	0 4	0 5	3	
Wall purlins	2	26 6	0 4	0 4	6	
Ridge	1	26 6	0 2½	0 6	3	
Common rafters	19	9 10	0 2	0 3	8	
Do.	15	8 3	0 2	0 3	5	
Do. end	4	9 10	0 3	0 3	2	
Barge board	4	10 7	0 1	1 0	4	
Cubic feet ...	...	...	...	...	64	
Iron inner doors	1	2 9	...	6 0	17	Sq. ft.
Teak batten door with frames and fastenings	1	3 9	...	6 6	24	Do.
Ventilators, wooden frames and venetians with iron bars	3	4 9	...	1 9	25	Do.
Ventilators, wooden frames and iron bars at gable ends	2	3 6	...	2 4	16⅓	Do.
Frames with fixed venetians in gables ...	2	6 6		1 1½	15	Do.
Mouldings over exterior openings.						
Door	...	...	...	...	5	L. ft.
Stones under verandah posts 1′ × 1′ × 4″	...	4 in number.				

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Tiled Roofing with Pan Tiles over 1 inch Teak Planking.						
Lock-up...	...	10 6	...	10 6	128	
Do.	...	1 8	...	10 6		
Do.	...	8 10	...	8 9	77	
Square feet ...	...	...	...	...	205	
Squares ...	...	...	...	...	...	2·05
Tiled Roofing with Flat and Pan Tiles over Teak Reepers.						
Guard room	...	15 7	...	10 6	181	
Do.	...	1 8	...	10 6		
Verandah	...	13 11	...	8 9	122	
Do. over entrance	2	7 3	...	4 4½	63	
Square feet ...	...	...	...	...	497	
Squares ...	...	...	...	...	...	5
Flooring with Square Tiles.						
Guard room	1	12 0	...	12 0	144	
Verandah	1	20 3	...	6 0	122	
Door piece	1	3 9	...	1 3	5	
Do.	1	2 9	...	0 7½	2	
Square feet ...	...	...	...	...	273	
Squares ...	...	...	...	...	...	2·73
Flooring with jelly 6" thick and painting over with a composition of 1 lb. asphalte to 5 lb. of tar.						
Lock-up	1	7 0	...	12 0	84	
Door piece	1	2 9	...	0 7½	2	
Square feet ...	...	...	...	...	86	
Squares ...	...	...	...	...	...	·86
Plastering interior and washing.						
Guard room	...	48 0	...	10 6	504	
Lock-up	...	38 0	...	10 6	399	
Gables	4	14 6	...	2 5	140	
Door jambs	1	17 0	...	1 3		
Do.	1	15 0	...	1 3		
Ventilator jambs	3	8 3	...	1 3	88	
Do.	2	7 0	...	1 3		
Deductions.						
Door	1	3 9	...	6 6	24	
Do.	1	2 9	...	6 0	33	
Ventilators	3	4 9	...	1 9	25	
Do.	2	3 6	...	1 6	11	
Square feet ...	...	...	...	...	93	
Squares ...	...	...	...	...	...	1,038
	...	...	...	...	...	10·38

1906/12

Detailed Quantities—cont.

Description of Work.	No.	Length.	Breadth.	Depth.	Contents.	Total.
		FT. IN.	FT. IN.	FT. IN.		
Plastering exterior and washing.						
Basement	...	88 0	...	2 0	176	
Superstructure	...	74 6	...	10 6	782	
Gables	2	14 6	...	2 5	70	
						1,028
Deductions.						
Door	1	3 9	...	6 6	24	
Ventilators	3	4 9	...	1 9	25	
Do.	2	3 6	...	1 6	11	
						60
Square feet ...	...	...	...	...	...	968
Squares ..	...	...	...	...	...	9·68
Painting with three coats of wood oil.						
Rafters for verandah	8	9 6	...	0 9½	60	
Ridge for entrance	1	8 3	...	1 ½	9	
Hip rafters for do.	2	11 0	...	1 0	22	
Small do. do.	...	91 0	...	0 9½	72	
Purlins over guard room	2	15 7	...	1 5	44	
Do. over lock-up	2	10 4	...	1 2	24	
Wall purlins	2	26 1	...	1 0	52	
Ridge	1	26 1	...	1 2½	32	
Common rafters	19	9 10	...	0 8	207	
Do.	15	8 3	...	0 8		
Do.	4	9 10	...	0 6	20	
Planking	...	...	...	...	205	
Reepers	...	1,250 0	...	0 3½	365	
Square feet ...	...	...	...	...	1,112	
Squares ...	...	...	...	...	...	11·12
Painting with three coats of Carson's Oak color.						
Posts	2	6 0	...	1 8	72	
Do.	2	7 9	...	1 8		
Do.	2	7 10	...	1 8		
Breastsummers	2	8 9	...	0 4⅜	7	
Barge board for entrance	2	5 0	...	1 0	10	
Struts	8	0 6	...	0 9	3	
Cleats	4	10 7	...	1 1	46	
Barge board ... ... 2 ×	1	3 9	...	6 6	49	
Door ... ... 2 ×	1	2 9	...	6 0	33	
Do. ... ... 3 ×	3	4 9	...	1 9	75	
Ventilators with venetians ... 2 ×	2	3 6	...	2 4	33	
Do. with iron bars ... 3 ×	2	6 6	...	1 1½	44	
Frames with fixed venetians ...					372	
Square feet ...	...	...	...	...	...	3·72
Squares ...	...	...	...	...		
Arm-rack for two rifles ...	1½ lineal feet.					
Pegs for accoutrements ...	4 in number.					
Movable shelf for records ...	1 in number.					

ABSTRACT.

THIRD-CLASS Police Station-house with Tiled Roofing, Plan No. 3-A.

Quantity.	Item.	Rate.	Per	Amount.
		RS. A. P.		RS. A. P.
48 C. yds.	Excavation for foundations			
18 "	Earthfilling in basement			
446 C. ft.	Concrete			
437 "	Brickwork in foundations			
285 "	Do. in basement			
1,089 "	Do. in superstructure			
10 "	Archwork			
23 "	Stonework in steps (if easily procured).			
64 "	Teakwood wrought and put up ...			
17 S. ft.	Iron inner doors			
24 "	Teak batten door with frames and fastenings			
25 "	Ventilators, wooden frames, and venetians with iron bars			
16½ "	Ventilators, wooden frames, and iron bars at gable end			
15 "	Frames with fixed venetians in gables.			
5 L. ft.	Moulding over exterior opening ...			
4 No.	Stones under verandah posts			
2·05 Sqs.	Tiled roofing with pan tiles over 1 inch teak planking			
5 "	Tiled roofing with flat and pan tiles over teak planking			
2·73 "	Flooring with square tiles ...			
·86 "	Do. with jelly 6 inches thick and painting with tar and asphalte composition			
10·38 "	Plastering interior and washing ...			
9·68 "	Do. exterior and washing ...			
11·12 "	Painting with three coats of wood oil ..			
3·72 "	Do. with three coats of Carson's oak color			
1½ L. ft.	Arm-rack for two rifles			
4 No.	Pegs for accoutrements			
1 "	Movable shelf for records			
	Contingencies at 5 per cent.			
	Total ...			

CHEPÂK,
9th July 1880.

(Signed) R. F. CHISHOLM,
Consulting Architect to Government.

MADRAS,
20th July 1880.

(Signed) T. K. GUTHRIE, Major,
Asst. Inspector-General of Police,
for Inspector-General of Police.

H & B. 1885-86

General Department.

No. 2145

Chief Office of the Inspector General of Police,

Madras, 17th April 1885.
Despatched 18 April

FROM

Colonel H. G. Cleete

INSPECTOR GENERAL OF POLICE,

TO

THE Chief Secretary
to Government.
Ootacamund

SIR,

Enclosures. ten.

1. Report.
1. Specification.
1. Site plan.
1. Land Statement.
2. Detailed Estimates.
2. Abstract — do —
2 — " — (General)
10

With reference to item 674 in the G. P. W. Budget for 1885-86 — (Preliminary issue), I have the honor to forward for sanction plan and estimates amounting to Rupees 2690-0-0 for the construction of a 3rd Class Station House and Huts for one Head and 5 Constables at Samayanallur Madura District.

2. This work and another viz. Construction of a station House and Huts at Veerapandi (item

Nos 7483) are shown in the
budget under head Minor Works
but as the actual estimates
amount respectively to Rupees
2690-- and 2930-- they come under
the Category of Major Works. The
appropriation therefore of Rupees
2350-- in the budget for each
of these two works becomes
available for some other emergent
minor works.

3. I request that these amounts
may be appropriated for some
of the sanctioned minor works
embodied in the statement
Covered by my letter No 6971
dated 13th December 1884 (G. O.
No 275, Miscellaneous, dated
31st January 1885 Judicial
Department) for which no
provision is made in the

present budget.

I have the honor to be
Sir
Your Most Obed Servant

H. D. Clerke Colonel
Insp. Genl of Police

Mis. 128 – 22-6-88
275 – 17-1-85

CURRENT NO.

Judicial (1885) DEPARTMENT.

Exct 4078

FROM Colonel H. D. Cleete

INSPECTOR GENERAL
of Police,

No. 2145

Dated 17th / Desp 18th / Received April 1885.

No.

4ccc 2914

Approved and transferred to the Public Works Departt for disposal

[signature]
Chief Secretary

G.O. No 1828 W. 2-8-80.

23/4

SUBJECT.

Forwarding for sanction plan and estimate — amounting to Rs 2690-0-0 for the Construction of a 3rd Class Station House and Huts at Samayanallur Madura District.

Sanction
C.I.
15.5.85

Public Works Department, 1885-86.

Current No. 4078

Letter No. 884

Dated the 1st May /85

From the Secy to Govt. Judl Dept.

NOTE OF REMARKS.

1. The accompanying plan and estimate provide for constructing a third class Police Station with Huts for 1 Head Constable and 5 Constables at Samayanallur in the Madura District. The estimate amounts to Rs. 2,690.

2. The Station is to be built according to the standard design sanctioned in G.O. No. 1828 W. of the 2nd August /80. The masonry is to be brick in mortar, and the roof is to be tiled.

3. The Huts are to accord with the standard sanctioned in G.O. No. 93 W. of the 14th Jan. /80. — The masonry is to be burnt brick in mud.

1206 W

G. 18.5.85 R. 22.5.85

Rs. 75 are to be paid in compensation for land.
4. The estimate and site plan have been counter signed by the Inspr. Genl. of Police, and have been approved in the Judicial Department.

15th May/85
BH

B & R
~~Civil~~ works

No. 1206. W PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 22nd May/85

READ the following

From the Inspector General of Police. H. E. No: 2145 d/ 17th April 1885.
Endorsement thereon by the Judicial Deptt. H. E. No. 1884 d/ 1st May 1885.

(Is an uncommenced work)

The estimate amounting to Rs. 2,690, for constructing a third class police station ~~house~~ and ~~head and~~ constables' huts at Samayanallur in the Madura District, is sanctioned.

2. A sum of Rs. 2,350 has been provided for the work in the Provincial Budget for 1885-86; but no expenditure ~~on it~~ is at present admissible under orders from the Government of India restricting outlay.

3. This sanction has been registered as Provincial No: 42 W of 1885-86, and classified as Civil Buildings, Original Works.

To
The Suptg. Engr. VI Circle with 8 enclos.
" Examiner P. W. Accts with general abstract estimate
" Judicial Department.

CW 18.5.85

19.5.85

4078

Govt. of (1885) Madras.

PUBLIC WORKS.

2/5/75.

Dated

Recd. Encl.

G.O. 22 May 1885, No. 1206 W

Police Station house & Constables' huts at Samayanallur, Madura D^t.

Est^e for —, sanctioned

60/IX

1d 3/5