GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General. Account.

READ—the following paper :—

Report of an Inspection of the Accounts of the Executive Engineer, Tinnevelly Division, by Mr. I. S. SHERLOCK-HUBBARD, Examiner, Public Works Accounts, Madras, on the 26th and 27th April 1895, dated 27th April 1895.

1. *Date of last inspection.*—21st to 23rd June 1893.

2. *By whom last inspected.*—Mr. I. S. Sherlock-Hubbard, Examiner, Public Works Accounts.

3. *Orders of Government on the last inspection report.*—G.O., No. 2152 W., dated 21st August 1893.

4. *Divisional officers since last inspection.*—Major W. L. C. Baddeley, R.E., Executive Engineer, 1st grade, to 2nd August 1893; Honorary Lieutenant and Deputy Assistant Commissary J. B. Sanderson, Sub-Engineer, 1st grade, to 3rd October 1893; Mr. J. R. Hendrick, Supervisor, 1st grade, to 13th November 1893; Major W. L. C. Baddeley, R.E., Executive Engineer, 1st grade, to 25th April 1894; Mr. W. Hutton, Assistant Engineer, 3rd grade, to 30th May 1894; Mr. C. W. Wood, Executive Engineer, 3rd grade, to 1st December 1894; Mr. W. Hutton, Assistant Engineer, 2nd grade, to 7th January 1895; Mr. C. W. Wood, Executive Engineer, 3rd grade, to 5th April 1895; Mr. W. Hutton, Assistant Engineer, 2nd grade, since 6th April 1895.

5. *Divisional Accountants since last inspection.*—M.R.Ry. T. Jeyaram Chetty, 6th grade, to 1st December 1894; M.R.Ry. T. R. Ratnam Aiyar, 8th grade, since 2nd December 1894.

6. *Constitution of the division—*

Sub-division.	Name of Sub-divisional officer.	Rank and grade.	Remarks.
Sermádévi	Mr. J. R. Hendrick	Supervisor, 1st grade	Is a disburser.
Tenkarai	Mr. P. Whitbread	Do. do.	Do.
Head-quarters ..	Mr. W. Hutton	Assistant Engineer, 2nd grade ..	Do.

7. *Imprest-holders other than Sub-divisional officers—*

Name of imprest-holder.	Rank and grade.	Amount of imprest.	Remarks.
		RS.	
M.R.Ry. V. S. Streenivasa Aiyangar.	Overseer, 3rd grade	10	
,, M. R. Subramanya Aiyar.	Do. 2nd grade	20	
,, C. Arunachelam Pillai ..	Head Clerk, Divisional office ..	5	For advances of railway fares to lascars.

8. All the points noticed in the last inspection report have received attention.

9. *Period embraced in the inspection.*—For test-audit, the month of December 1894; for check of travelling allowance claims, the period January to December 1894.

10. *Measurement books.*—Completed books are kept in a drawer promiscuously. They should be kept serially, the register (form E no. 74) serving as an index, and the greatest care paid to their preservation.

11. *Payments to contractors through a subordinate.*—In the Head-quarters sub-division (in charge of the Executive Engineer) cheques in favour of contractors in Srívilliputtúr taluk are, as a rule, delivered through the overseer in charge for the purpose of obtaining the contractor's receipt for payment. This is irregular, and the procedure prescribed in G.O., No. 1951 W., dated 27th July 1893, should be observed (see also Public Works Department Code, volume II, chapter I, paragraphs 47 and 179).

12. *Divisional cash book.*—Entries are not always as specific as they might be. Attention is invited to G.O., No. 2330 W., dated 22nd August 1892.

13. *Register of works.*—Sub-heads under Rs. 500 are not always grouped, notwithstanding the clear instructions given in G.O., No. 2515 W., dated 9th September 1892.

14. *Pier at Tuticorin.*—No estimate for this has yet been sanctioned, but the expenditure on the work is probably sufficiently covered by the contract that has been entered into with Messrs. Burn and Co. for its execution. Outlay to end of March 1895, Rs. 97,650-8-0.

15. The said contract being for a lump sum of one lakh of rupees, record of details in the register of works following the particulars given in bills serves no useful purpose and is unnecessary.

16. *Completion report overdue.*—The completion report for "repairing the Marandi channel" (estimate Rs. 3,487, register No. 199 of 1891-92) completed in January 1895 has not yet been sent owing, it was stated, to the non-inspection of the work.

17. *Contractors' dues.*—Not only have copies of bills been received for payments on account as well as final payments, but time has been wasted in the Divisional office in checking the arithmetical accuracy of every measurement. Under Code volume II, chapter I, paragraph 36, the Sub-divisional office is solely responsible for this; and it was stated that, with effect from 1st April 1895, the hand-receipt form alone will be used for payments on account, and that final bills will be scrutinized in the Divisional office only with reference to estimated amount, rates, and appropriations before payment in accordance with G.O., No. 2668 W., dated 25th September 1892.

18. A sum of Rs. 132 was withheld from the bill of a piece-worker (schedule docket no. 45, voucher no. 10 of December 1894) for want of allotment of funds. Too much stress cannot be laid on the importance of the liquidation of liabilities incurred; want of funds for a specific work may be a reason for not incurring a liability, but a liability once incurred should be promptly discharged, though treated as objectionable outlay in the accounts.

19. A sum of Rs. 28-8-1 due to piece-worker Picha Pillai for work done on Vizianarayanam tank since September 1894 has not yet been paid "for want of time on the part of the Sub-divisional officer to check-measure the work."

20. *Contractors' ledger.*—Transaction with contractors having running accounts, whether under "contract" or "piece-work," should be recorded in this ledger. At present piece-workers' bills are not posted into the ledger and the check in the final bills as to previous payments is conducted by means of copies of bills, the use of which will, however, be discontinued from 1st April 1895 (see paragraph 17).

21. *Control over outlay.*—A register in form no. M-91 recording outlay on every work in the division against the estimate and appropriations (individual or lump sum) grouped under—

(i) service and departmental heads,
(ii) sub-divisions,

is maintained in addition to the "Extract from the register of works" authorized in G.O., No. 518 W., dated 6th March 1895. It should be discontinued.

22. *Register of sanctioned estimates.*—Sanctions are not recorded chronologically as required by Code, volume II, chapter II, paragraph 169. Fresh columns are proposed to be added to it to show "main head" and "taluk." The register is intended to be an index to the bundle of sanctioned estimates, the abstracts of which should show the particulars of classification, locality, &c.

23. *Register of buildings.*—The cost of buildings as recorded here does not appear to have been kept corrected up to date with reference to the additions and improvements.

24. *Register of liabilities.*—This is one of the most important records in a Divisional office, but it had not been opened for 1894-95; and it is only due to accidental circumstances that the grant of the division has not been largely exceeded.

25. *Register of revenue.*—No such record is maintained, but it was stated that the only fixed revenue in the division was derived from the sale of korai grass on channel and river banks and that the full amount is realized in every case within a few days of the sale of the right to cut it. Attention is, however, invited to paragraph 34 of my inspection report, dated 19th January 1895, on the accounts of the Tanjore division. The register should show at the commencement of each official year the amount to be realized during the year from each lessee and the amount realized as it falls due, and care should be taken that no amount is lost to Government.

26. *Sub-divisional officer's applications for letters of credit.*—The particulars of letter of credit and of proposed outlay for the Head-quarters sub-division in charge of the Executive Engineer should be placed on record in form E no. 172.

27. *Irregular grant of privilege leave.*—Privilege leave granted to peon Shunmugam Pillai for 14 days from 19th October 1893 is inadmissible under Civil Service Regulations, 291, the peon having returned from leave without allowances on 14th March 1893.

28. *Records.*—The records of the division are at present kept in an unsatisfactory manner. It was stated that a list of old records to be destroyed was prepared and sanction obtained thereto some time ago, but the lists and the records cannot now be identified. This point calls for early attention with reference to G.O., No. 2449 W., dated 2nd October 1894, and Public Works Department Code, volume I, chapter VI, paragraph 41.

29. *State of the office.*—Susceptible of improvement in the directions alluded to in this report.

(Signed) I. S. SHERLOCK-HUBBARD,
Examiner of Public Works Accounts.

No. 1882 B.

Submitted for the orders of Government.

(Signed) I. S. SHERLOCK-HUBBARD,
27th May 1895. Examiner of Public Works Accounts.

ORDER—dated 6th June 1895, No. 1322 W., Public Works.

Communicated to the Superintending Engineer, VI Circle, for the information and guidance of the Executive Engineer, Tinnevelly division.

2. The special attention of the Superintending Engineer is drawn to paragraphs 27 and 28 of the report.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, VI Circle.
„ other Superintending Engineers.
„ the Consulting Architect to Government.
„ the Superintendent of Works, Periyár Project.
„ the Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

Spare Copies

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(Signed) I. S. SHERLOCK-HUBBARD,
Examiner of Public Works Accounts.

No. 1882-B dated 27 May 1895.

To W.

Submitted for the orders of Government.

I. S. Sherlock-Hubbard
Examiner Pub. Accounts
Madras.

1383

P. Works (1895) Department.

From S. M. Genl C. Sibthorpe F.R.C.P.I.,
~~The~~ Surgeon-General
with the Govt. of Madras,
~~Fort St. George.~~

No.

Dated
Received } March 1895.

26/3/95
A.D.G.S. medical

No.

Subject.

Forwards case of Mr J. Lightfoot of the P. W. Accounts Deptt (Railway Branch) for transmission to the Secy. of State for India

Ow. 1
4114/95

Memorandum from the Surgeon-General with the Government of Madras, to the Consulting Engineer for Railways, Madras, No. 318, dated 25th March 1895.

No. 1695 dated 28 May 1895.

Forwarded to the Secretary to Government, Public Works Department.

Enc ~~one~~ two

C. M. Mavell
for Consulting Engineer for Rys:

To.

The Secretary to Government,
Public Works Department.

BNR
2.81798

P. W. CURRENT No. 3980

Public Works Department.

Encl 1

Recd: 24-5-95

From

THE CONSULTING ARCHITECT
TO THE GOVERNMENT OF MADRAS,

To

THE Chief Engineer
P. W. D.

No. 764

Dated 22nd May 1895.

Received

No. OF ENCLOSURES.

Subject.

Informing that Cons: Archt. cannot supply the glazed Earthenware pipes required by the Madura Mills Coy. as he has no Kilns for glazing.

Letter from the Cons: Architect No. 764 d/22nd May 95

Note for His Excellency the Governor:—

Attention is invited to para 2 of the Cons: Architect's letter from which it will be seen that superior bricks are now being manufactured at Madras by private agency. Under these circumstances, His Excellency will probably approve of the refusal of any further applications for the supply of bricks from the Government Brickfields to private parties.

I am very glad to hear it, and certainly agree to the proposal that Govt. should in future refuse to supply bricks to any private individuals, from the Govt. Brickfields.

W
28 May

H.E.

Future issues of bricks from the Govt. Factory at Madras.

C.No. 3980

103

For orders.

In para 2 of his letter the C.A. introduces the subject of bricks. It would appear that superior bricks are now being manufactured by private agency. There will thus, probably, be no further necessity for issuing Govt. bricks to private individuals or Companies.

C.S.
27 May 95.

Inform C.A. Madura Mills that pipes are supplied on the terms mentioned by C.A. –

Submit C.A.'s letter to H.E. for information with note that – in the circumstances stated in para 2, H.E. will probably approve of the

Public Works Department.

5th June 1895

THE MADRAS GOVERNMENT.

Read the following

ect (H.E. No. 764 d/22d May '95)

His Excellency the Governor in Council sanctions the issue to the Madura Mills Co. of unglazed pipes, should these be required, on the terms mentioned by the Consulting Architect.

S
27.5

2. As bricks of a superior quality are now being manufactured by private agency, the Consulting Architect will in future refuse to supply bricks from the Government brickfields to private parties.

C.S.

Supg. Engineer 4th Circle

From

The Supg. Engineer
4th Circle

Dated 23rd
Desp'd 24th } May 1895.

No. 203
W

Sub Registrar's office
at Irukur.

Submitting for informatn
West Coast Dn offr's proposal
to meet the excess outlay on
from the Contingencies &
Savings of the estimate for
constructing the —

P. W. CURRENT No. 4032

No. 13 W & 7. 1. 95

Acc: 27. 5. 95

No. 1316 W dated 5 June 1895

Recorded
Recorded

$ 275

Comm
30/5/95

B Gm

Tc. 6/6

Cts 107 Ex 02/6

C.F. 73.

P. W. D.

DEPARTMENT.

Paper taken out of the Records from the charge of the Referencer.

Press / Miscellaneous / Routine No. 1314, dated 1-6- 193 1895

Date taken out.	For what purpose. Department.	C. No.	Year.	Initials of clerk taking the paper or of attender.	Date returned.	Initials of attender.
	Placed in the Commun Bundle of Indian States & British India					21-7-37

Rec'd 12/63

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.		
Side walls of main room	2	64 6	4 6	4 0	2,322	
End and cross walls	4	15 6	4 6	4 0	1,116	
Verandah and passage walls, 2′ thick	1	141 0	4 6	4 0	2,538	
Do. cross walls	5	5 0	4 6	4 0	450	
Do. do.	2	5 6	4 6	4 0	198	
Walls of side rooms	2	101 6	4 0	4 0	3,248	
Cross wall in stair-case room	1	5 6	4 0	4 0	88	
Verandah wall, 1′ 6″ thick including partition	1	303 6	4 0	4 0	4,856	
Steps in front and rear	2	22 6	3 3	1 6	219	
Do. for stair-case	1	3 9	4 9	4 0	71	
Total earthwork, cubic feet	..	..	..	..	..	15,106
Concrete stone in chunam for foundation.						
Side walls of main room	2	64 6	4 6	4 0	2,322	
End and cross walls	4	15 6	4 6	4 0	1,116	
Verandah and passage wall, 2′ thick	1	141 0	4 6	4 0	2,538	
Do. cross walls	5	5 0	4 6	4 0	450	
Do. do.	2	5 6	4 6	4 0	198	
Walls of side rooms	2	101 6	4 0	4 0	3,248	
Cross wall in stair-case room	1	5 6	4 0	4 0	88	
Verandah wall, 1′56″ thick including partition	1	303 6	4 0	4 0	4,856	
Steps in front and rear	2	22 6	3 3	1 6	219	
Do. for stair case	1	3 9	4 9	4 0	71	
Total concrete stone in chunam, cubic feet	..	..	..	..	..	15,106
Basement (coursed rubble in chunam, first sort).						
Side walls of main room	2	62 6	2 6	2 0	625	
End and cross walls	4	17 6	2 6	2 0	350	
Verandah and passage walls on three sides	1	141 0	2 6	2 0	705	
Do. cross walls	5	7 0	2 6	2 0	175	
Do. do.	2	7 6	2 6	2 0	75	
Walls of side rooms	2	105 6	2 0	2 0	844	
Cross wall in stair-case room	1	7 6	2 0	2 0	30	
Verandah wall	1	307 6	2 0	2 0	1,230	
Step in stair-case room	1	3 9	4 9	2 0	36	
Steps in front and rear	2	21 6	4 0	0 6	86	
Do. do.	2	19 6	3 0	0 6	58½	
Do. do.	2	17 6	2 0	0 6	35	
Do. do.	2	15 6	1 0	0 6	15½	
Total	..	..	..	..	..	4,265
Superstructure (coursed rubble in chunam, first sort).						
Side walls of main room	2	62 0	2 0	16 0	3,968	
End and cross walls	4	18 0	2 0	16 0	2,304	
Cross wall in stair-case room	1	8 0	1 6	8 0	96	
Cross walls of verandah	5	7 6	2 0	16 0	1,200	
Do. do.	2	8 0	2 0	12 0	384	
Verandah wall, 2′ thick	1	141 0	2 0	16 0	4,512	
Walls of side rooms	2	106 9	1 6	16 0	5,124	
Verandah walls	1	294 6	1 6	12 0	5,301	
Do. cross walls	2	8 0	1 6	12 0	288	
Parapet over verandah walls	1	294 6	1 6	1 0	442	
Do. over side rooms and the three sides of main front room	1	236 6	1 6	1 0	354¾	
Binding walls over cross walls of side rooms	2	18 0	1 6	1 0	54	
Extra thickness for string course and bases of verandah arches, 1½′ thick	2	270 6	0 3	0 9	101	
Do. do. for 2′ piers	2	67 6	0 3	0 9	25	
Total	..	..	..	..	24,154	
Deduct for archways of verandah	28	7 0	1 6	5 0	1,470	
Do. for segmental portion	28	21 7	Area.	1 6	907	
Do. for 6½′ span	4	6 6	2 0	8 6	442	
Do. for segmental portion	4	19 0	Area.	2 0	152	
Do. for archways, 6′ span	9	6 0	2 0	8 9	945	
Do. for segmental portion	9	16 4½	Area.	2 0	295	
Do. for archways	4	6 0	1 6	5 6	198	
Do. do. segmental portion	4	16 4½	Area.	1 6	98	
Do. archways	2	6 0	2 0	5 6	132	

Estimate Form—Detail Measurements—*cont.*

Detail of work.	Number.	Measurements in feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
1	2	3	4	5	6	7
Superstructure (coursed rubble in chunam, first sort)—cont.		FT. IN.	FT. IN.	FT. IN.		
Deduct for archways segmental portion	2	16 4½	Area.	2 0	66	
Do. archway in stair-case room	1	8 0	2 0	7 7½	122	
Do. do. segmental portion	1	31 6	Area.	2 0	63	
Do. doors in side room	2	4 6	1 6	9 0	122	
Do. do.	2	4 6	2 0	9 0	162	
Do. windows in side room	16	4 6	1 6	6 0	648	
Do. do. recess	16	4 6	0 9	3 0	162	
Do. for doors in Head-quarter Inspector's room.	6	4 6	2 0	9 0	486	
Do. for door in stair-case room	1	3 0	2 0	6 6	39	
Doors in crime and General Department room	8	4 6	2 0	8 4½	603	
Do. in segmental portion	8	10 4	Area.	2 0	165	
Do. for arch work over doors	8	6 0	2 0	1 0	96	
Do. do. in side rooms	18	6 0	1 6	1 0	162	
Segmental arch (7′ archway)	28	13 3	1 6	1 0	557	
Do. do. (6′ do.)	4	12 0	1 6	1 0	72	
Do. do. (6½′ do.)	4	12 9	2 0	1 0	102	
Do. do. (6′ do.)	11	12 0	2 0	1 0	264	
Do. over doors in crime room	8	10 3	2 0	1 0	164	
Do. arch in stair-case room	1	15 9	2 0	1 0	32	
Lintel stone over door in stair-case room	1	4 6	2 0	0 6	5	
Deduct for ventilators	8	3 0	2 0	1 6	72	
Do. do.	18	3 0	1 6	1 6	122	
Do. for lintel stones	8	4 0	2 0	0 6	32	
Do. do.	18	4 0	1 6	0 6	54	
Total deductions, cubic feet	..	..	..	..	9,011	
Total superstructure, less deductions, cubic feet	..	..	..	..	..	15,143
Archwork over doors and windows as per above deductions	..	..	..	..	..	258 c. ft.
Segmental arch as per above deductions	..	..	..	..	..	1,190 c. ft.
Brick in mortar.						
Filling in the space between door and window frames and the segmental arches above them	26	4 6	0 5	0 6	24	
Stair-case	1	3 9	5 0	2 6	47	
Do. do.	1	7 0	3 9	1 6	39	
Do. do.	1	8 0	3 9	0 9	23	
Do. do.	1	8 0	3 9	1 6	45	
Do. do.	1	36 0	0 4½	2 9	37	
Total cubic feet	..	..	..	..	215	
Deduct for Cuddapah slabs over the steps of the stair-case	1	40 0	3 9	0 2	25	
Total Brick in mortar, less deduction	..	..	..	..	..	190 c. ft.
Cornice work, coursed rubble stone below, Cuddapah slab, cornice around side rooms, Head-quarter Police Inspector's room and all round verandah	1	554 0	0 6	0 9	208	208 c. ft.
Dressed stonework.						
Lintel stone over door in stair-case room	1	4 6	2 0	0 6	5	
Do. over ventilators	8	4 0	2 0	0 6	32	
Do. do.	18	4 0	1 6	0 6	54	
Slabs under beams	14	1 6	1 6	0 4	11	
Total cubic feet	..	..	..	..	..	102
Cuddapah slabs for cornice.						
Verandah all round	1	332 6	2 9	..	914 4½	
Side rooms	2	105 0	2 9	..	580 3	
Head-quarter Inspector's room	1	73 0	2 9	..	200 9	
Steps of stair-case	1	40 0	3 9	..	150 0	
Total square feet	..	..	..	..	..	1,845
Teakwood wrought and put up.						
Beams	7	20 6	0 10	1 4½	164 5	
Joists in side rooms	26	41 6	0 3	0 6	134 10½	
Do. in Head-quarter Inspector's room	13	20 0	0 3	0 6	32 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
Teakwood wrought and put up—cont.		FT. IN.	FT. IN.	FT. IN.	FT. IN.	
Joists in Crime and General Department	13	30 0	0 3	0 6	48 9	
Beams at angles	4	13 0	0 7	0 8	20 3	
Joists at angles	8	9 0	0 3	0 6	9 0	
Do. do.	8	7 6	0 3	0 6	7 6	
Do. do.	8	6 0	0 3	0 6	6 0	
Do. do.	8	4 6	0 3	0 6	4 6	
Do. verandah	8	3 0	0 3	0 6	3 0	
Do. do.	184	9 6	0 3	0 6	218 6	
Do. to stair-case	53	9 0	0 3	0 6	59 7½	
Do. for steps, stair-case	6	5 3	0 3	0 4	2 7⅜	
Do. do.	3	11 0	0 4	0 7	6 5	
Cross beams	3	17 0	0 4	0 9	12 9	
	1	5 6	0 6	0 4	0 11	
Total cubic feet	..	..	..	..	..	732
Terraced roofing.						
Verandah in front	1	39 0	..	9 0	351	
Do. at sides	2	97 6	..	9 0	1,755	
Do. between main and side rooms	2	20 0	..	9 0	360	
Head-quarter Inspector's room	1	19 0	..	19 0	361	
Side rooms	2	40 6	..	20 0	1,620	
Total square feet	..	..	..	..	..	4,447
Terraced flooring with brick on edge, gelly, 3″ thick, one course of flat tiles and 3 coats of plastering at ceilings and ½″ thick Portland cement plaster at top—						
Verandah in rear	1	38 0	..	9 0	342	
Do. between main and side rooms	2	40 0	..	8 6	680	
Crime and General Department	1	30 0	..	21 0	630	
Total square feet	..	..	..	..	..	1,652
Doors and windows, &c.	..	(Measurement for doors and windows are taken according to the rules—Appendix G. to standard specification).				
Side rooms and Head-quarter Inspector's room—teak panel door with frames and iron fastenings, &c., complete	8	3 11	..	8 5	263 8½	
Panel door in stair-case room	1	2 5½	..	5 11½	14 7½	
Total square feet	..	..	..	..	..	278
Head-quarter Inspector's room, panel and venetion (outside) doors with frames and iron fastenings, &c., complete	2	3 11	..	8 5	66	66 sq. ft.
Venetian windows with frames and iron fastenings, &c., complete	16	3 11	..	5 5	339	339 sq. ft.
Crime and General Department—Panel door with glazed top frames, iron fastenings, &c., complete (inner doors)	6	3 11	..	11 0½	259 5½	259 sq. ft.
Crime and General Department—panel and venetian outer doors with glazed top frames and iron fastenings, &c., complete	2	3 11	..	11 0½	86½	87 sq. ft.
Ventilators with swing shutters over side pivots including frames, &c., complete	26	2 6	..	1 0	65	65 sq. ft.
Filling in basement.						
Verandah around side rooms	2	97 0	7 6	1 6	2,182½	
Do. in front	1	37 6	7 6	1 6	421⅞	
Do. in rear	1	36 6	7 6	1 6	410⅝	
Side rooms	2	19 6	17 6	1 6	1,023¾	
Do.	2	17 6	17 6	1 6	918¾	
Head-quarter Inspector's room	1	17 6	17 6	1 6	459¾	
Crime and General Department	1	27 6	17 6	1 6	721⅞	
Space between main and side rooms	1	35 0	7 6	1 6	393¾	
Do. do.	1	72 6	7 0	1 6	761¼	
Stair-case room	1	7 6	3 9	1 6	42	
Do.	1	12 3	4 0	1 6	73¼	
Do.	1	7 6	3 6	1 6	39⅜	
Total cubic feet	..	..	..	..	..	7,449

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 Cuddapah slab over a bed of concrete, 3 inches in thickness.		FT. IN.	FT. IN.	FT. IN.		
Verandah around side rooms	2	97 6	..	8 0	1,560	
Do. in front	1	38 0	..	8 0	304	
Do. in rear	1	37 0	..	8 0	296	
Side rooms	2	20 0	..	18 0	720	
Do. and Head-quarter Inspector's room.	3	18 0	..	18 0	972	
Crime and General Department room	1	28 0	..	18 0	504	
Space between main and side rooms	2	18 0	..	8 0	288	
Do. do.	1	74 0	..	7 6	555	
Stair-case room	1	8 0	..	3 9	30	
Do.	1	14 9	..	4 3	63	
Do.	1	8 0	..	3 9	30	
Archways	28	7 0	..	1 6	294	
Do.	4	6 0	..	1 6	36	
Do.	11	6 0	..	2 0	132	
Do.	4	6 6	..	2 0	52	
Doorways	2	4 6	..	1 6	14	
Recess of windows	16	4 6	..	0 9	54	
Doorways	16	4 6	..	2 0	144	
Total square feet	..	..	..	..	..	6,048
Plastering with two coats of chunam (inside).						
Side rooms	2	76 0	..	15 3	2,318	
Do. and Head-quarter Inspector's rooms.	3	72 0	..	15 3	3,294	
Crime and General Department room	1	92 0	..	15 3	1,403	
Space between Head-quarter Inspector's room and side room	2	52 0	..	11 3	1,170	
Space between crime and side rooms	1	193 0	..	15 3	2,943	
Stair-case room	1	23 6	..	7 9	182	
Do. above	1	15 6	..	7 6	116	
Cross wall of above room	1	8 0	..	7 0	56	
Side walls of do.	1	14 3	..	15 0	214	
Do. do.	1	14 3	..	14 6	207	
Parapet walls of stairs, sides and top	1	36 0	..	6 0	216	
Steps, top and bottom, &c., average	1	44 0	..	4 6	198	
Sides and soffits of doors	2	22 6	..	1 6	68	
Do. do.	8	22 6	..	2 0	360	
Door in stair-case room	1	16 0	..	2 0	32	
Windows	16	16 6	..	2 0	528	
Sills of windows	16	4 6	..	0 9	54	
Archways	2	22 0	..	1 6	66	
Do.	2	22 0	..	2 0	88	
Do.	7	28 0	..	2 0	392	
Doors in Crime and General Department room.	8	25 0	..	2 0	400	
Archways in stair-case room	1	29 0	..	2 0	58	
Sides and sills of ventilators	18	6 0	..	1 6	162	
Do. do.	10	6 0	..	2 0	120	
Total	..	..	..	..	14,645	
Deduct for—						
Doors	18	4 6	..	9 0	729	
Windows	16	4 6	..	6 0	432	
Archways	4	49 4½	Area.	..	197	
Do.	10	68 10½	Do.	..	689	
Do. in stair-case room	1	92 6	Do.	..	93	
Door in stair-case room	2	3 0	..	6 6	39	
Doors in Crime and General Department room.	14	48 0	Area.	..	672	
Ventilators	28	3 0	..	1 6	126	
Total	..	..	..	..	2,977	
Total plastering, less deductions	..	..	..	..	..	11,668 sq. ft.
Pointing with chunam (outside).						
Basement all round	1	365 0	..	2 0	730	
Top of steps	2	21 6	..	4 0	172	
Ends of steps	4	10 0	..	0 6	20	
Outside of verandah wall, 12′ high	1	299 6	..	12 0	3,594	
Do. do. 16′ do.	1	61 6	..	16 0	984	
Inside of verandah in front	1	92 0	..	11 3	1,035	
Do. in rear	1	90 0	..	15 3	1,373	
Do. around side rooms	2	211 0	..	11 3	4,748	
Walls of side rooms above verandah terrace	2	103 3	..	4 0	826	
Do. do. Head-quarter Inspector's room	1	62 0	..	4 0	248	