

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No.	3119	Press
B.P. No.		Mis.---
Dated	20-11	68 76
		—195—

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department.
20th November 1876. No. 3,119.

Read the following papers :—

No. 375. From Major J. N. HUNTER, R.E., District Engineer, Salem, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Camp at Yercaud, 14th April 1876, No. 9.

With reference to the concluding portion of paragraph 2 of your memorandum No. 116, dated 19th January 1876, I have the honor to forward, for the sanction of Government, a plan, specification, and estimate, amounting to Rupees 1,750, for constructing an Overseer's office and dwelling-house combined at Ahtoor, the head-quarters of the Ahtoor Overseer, Mr. Dumphy.

2. Mr. Dumphy complained to the Range Officer when at Ahtoor during the early part of the past month of the want of suitable accommodation for himself and family, consisting of a wife and several children.

3. It would appear that the old tool-shed in which they are now living is a miserable den; the whole place is in a lamentably dilapidated condition hardly fit indeed to store tools in with any degree of security; the building is such that it cannot be improved, and not any portion of it is worth retaining.

4. As an Overseer's office here is very necessary, and a suitable dwelling-house for the Overseer is also highly desirable, the two have been combined in one building, and it is proposed to build it on the same site, as it is not a bad one, and there is not a better site available.

No. 375-A. From the same Officer, dated 15th May 1876, No. 33.

No. 375-B. From the same Officer, dated Yercaud, 5th June 1876, No. 38.
With reference to your memorandum No. T-293, under date the 24th May, I have the honor to report that the Ahtoor taluq will be generally held by a European or East Indian Overseer.

2. The revenue of this taluq for the last fasli was Rs. 2,21,393-1-1, and this stands fourth in importance as regards revenue out of the nine taluqs of the district.

No. 375-C. From R. E. NORFOR, Esq., Officiating District Engineer, Salem, to Colonel W. FAREWELL, Officiating Deputy Chief Engineer, Public Works Department, dated Camp at Oosoor, 15th August 1876, No. 74 S.L.

I HAVE the honor to forward, for the sanction of Government, plans and estimate, amounting to Rupees 950, for constructing an Overseer's office at Ahtoor, called for in your memorandum No. T-539, dated 7th July 1876.

2. The plan has been prepared in accordance with the standard design for the Overseer's office circulated with your memorandum of the 8th March 1875, No. 262.

No. 375-D. From the same Officer, dated Salem, 29th September 1876, No. 89 S.L.

With reference to your memorandum No. T-910, dated 5th September 1876, I have the honor to inform you that the soldiers' shed at Ahtoor belongs to the Local Fund Board, who are not disposed to give it up, as it affords the necessary shelter to European and Eurasian travellers, who cannot afford to pay bungalow fees.

*Proceedings of the Madras Government, Public Works Department,
20th November 1876. No. 3,119.*

No. 375-E. Endorsement of the Officiating District Engineer, dated Salem, 19th October 1876, No. 100 S.L.

From C. T. LONGLEY, Esq., Collector and President, Local Fund Boards, Salem, to R. E. NORFOR, Esq., Officiating District Engineer of Salem, dated Salem, 13th October 1876, No. 1,382.

IN reply to your letter No. 172, dated 7th instant, I have the honor to state that no information is available regarding the number of European and Eurasian travellers that use the soldiers' shed at Ahtoor. The building in question came into the possession of the Local Fund Board under Section X of Act IV of 1871 (the Local Funds Act) under the operation of G.O., No. 1,605, dated 2nd December 1872, by which all soldiers' sheds in the district were made over to the respective Local Fund Boards, and the Local Board have no desire to part with it for any other use than as a halting place for travellers.

SUBMITTED to the Officiating Deputy Chief Engineer, Public Works Department, with reference to his memorandum No. T-1,055, of 4th October 1876.

(Signed) R. E. NORFOR,
Offg. District Engineer.

No. 376. ORDER THEREON, 20th November 1876, No. 3,119.

CIVIL WORKS, No. 26.

(*) *Heads of Service.*—Provincial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Civil Buildings.
Sub-head.—L, Public Works Department.
Section.—i, Offices.
Name of Work.—Overseer's Office at Ahtoor.
Amount.—Rupees 935.
To be carried out by the Public Works Department.

HIS GRACE the Governor in Council sanctions the estimate, as corrected in the Chief Engineer's office, of Rupees 935 for constructing an Overseer's office at Ahtoor in the Salem District.

2. At present there are no funds available for the work.

3. This sanction has been registered as Provincial No. 184 W of 1876-77.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

To the District Engineer, Salem.

„ Examiner of Public Works Accounts.

Exd A. Grubert.

Spare Copies

Chs. 2762
Office 8/5
185 7/10/5/76 ✓
MEMORANDUM.

Letter Number 9
dated the 14 April 1876
from the District Engineer of Salem.

In the estimate which accompanied the letter quoted a charge of 2 as per square feet in terms of the Sixth Schedule for plastering in Cinnamon has been made, the D.E. with the signed as to explain the same of such order
W
B. 5.70.

Specification

Specification Report to accompany the Estimate for the construction of an Overseer's shed and Dwelling House at Akhoor in the Akhoor Taluq, Salem District.

- Amount of Estimate Rs. 1690-0-0

The Building will consist of an Overseer's office room, Record room, and Store room $14' \times 14'$, $14' \times 8'$, and $14' \times 8'$ respectively and a front verandah off the record room, the Overseer's private quarters will consist of 2 Rooms $14' \times 11'3"$ a bath room $10' \times 8'$ and a back verandah $12'6" \times 8'6"$.

Will be of stone in Chumam, flat stones to be used and care to be taken that bond stones are used at proper intervals, the stones to be carefully packed and interstices filled with small stones and lime mortar, the mortar to consist of 2 of sand to 1 of lime.

To be of Brick in clay. Ordinary Country bricks to be used after the clay has dried. Joints to be raised out and the walls pointed, rough, plastered and whitewashed.

To consist of Palmyrah rafters over which small bamboos will be closely nailed together, over this will be laid Bamboo matting which will receive Pot tiles over all and to be completed with Chumam border throughout.

To be of good seasoned Teak
and work to be neatly executed with bolts
hinges and complete.

For all dimensions and
further details see plan.

Salina Range office

31 March 1875

A. M. G. Jr.

Executive Engineer

J. W. Miller Major P.E.,
District Engineer

Mr. 2762/76.

Public Works Department

Salem District

Salem Range

Attor Taluk

Detailed Estimate No 15 of 1875-76

Work - Estimate for constructing an Overseer's Dwelling house and Office proposed to be built at Attor.

Particulars of works	Measurements					Total Quantity
	Number	Length	Breadth	Depth	Cumulative	

Foundation

Front and rear walls of main Building and Verandah walls _____ 4 4 3/4 2 3/4 4 1903

End and cross walls of main Building _____ 4 12 3/4 2 3/4 4 561

End and cross walls of verandah rooms _____ 76 6 3/4 2 3/4 4 519-9 445 1/2 X

Basement

Front and rear walls of main building & Verandah walls _____ 4 4 3 2 1 1/2 516

End and cross walls of main Building _____ 4 13 1/2 2 1 1/2 162

End and cross walls of verandah rooms _____ 76 7 1/2 2 1 1/2 157-6 45 X

Foundation to steps _____ 1 9 2 1 18

do do in rear _____ 1 6 1/2 2 1 13

Total left of Stone in chunnam _____ 366 3/2 143 1/2 136 3 387 2/4 135 2/3 or boubli yards

Salem District

Salem Range

Attor Taluk

Specification Report to

accompany the Estimate for

the construction of an Overseer's

shed & Dwelling house at Attor in the Attor Taluk, Salem District

Amount of Estimate Rs. 15900-

Superstructure

Front and rear walls of main

Building	2	42 1/2	1 1/2	13 1/2	146 1/4
End walls of do do	2	14	1 1/2	13 1/2	56 1/2
Cross walls of do do	2	14	1 1/2	13 1/2	56 1/2
Gable ends over cross walls of do	2	14	1 1/2	2 1/2	98
Longitudinal walls of record and store room	2	17	1 1/2	7 1/2	382 1/2
End wall of do do	4	8	1 1/2	10 1/2	504
Longitudinal wall of bath room	1	13	1 1/2	7 1/2	146 1/4
End walls of do do	2	8	1 1/2	10 1/2	504
Pillars	4	1 1/4	1 1/4	7	43 3/4
Steps	1	8 1/2	1 1/2	1	12 3/4
do	1	5 1/2	1 1/2	1	8 1/4

Total 4302 3/4 3877 1/4

Deduct

Doors	8	3 1/2	1 1/2	7	294
Windows	6	3	1 1/2	5	135
Door in bath room	2	3	1 1/2	6 1/2	58 1/2
Window in do	1	2	1 1/2	3	9

Deduct portion of walls to be built with Brick in chunam

On top of front and rear walls of main building	2	42 1/2	1 1/2	1	127 1/2
End walls of do do	2	14	1 1/2	1	42
Gable ends over cross walls in Sides	4	8 1/2	1 1/2	1	51
Longitudinal walls of record and store room	2	17	1 1/2	1	51
End wall of do do	4	8	1 1/2	1	48
Longitudinal walls of bath room	1	13	1 1/2	1	19 1/2
End walls of do do	2	8	1 1/2	1	24
Top of Pillars	4	1 1/4	1 1/4	1	6 1/4
Sides of doors	8	1 1/2	1	16	192
Sides and bottom of windows	6	1 1/2	1	13	117

Carried Over 1174 3/4

Brought Over

Sides of doors in bath room	2	1 1/2	1	13	39
do bottom of windows in do	1	1 1/2	1	8	12
Flat arch work over doors in main building	8	4 1/2	1 1/2	1	54
do Over door in bath room	2	4	1 1/2	1	12
do Over window in main room	6	4	1 1/2	1	36
do Over windows in bath room	1	3	1 1/2	1	4 1/2
do Over windows in bath room	1	3	1 1/2	1	4 1/2

Total Deductions 2977 1/2 2547 1/2

Total left of Brick in mud or bubie yards 110 94 7/9

Total bubie yards of Brick in chunam as deducted above 27

Total bubie yards of Arch work in chunam as deducted above 14

Pointing

ing	Basement all round	1	159 1/2	2	38 1/2
	or Squares	2	38		

Plastering inside

To the Overseer's private room all round 2 50 1/2 14 14 1/4

do Overseer's office do 1 56 14 784

Gable ends over cross wall both Sides 4 14 2 1/2 130 2/3

Longitudinal walls of record and store room inside 2 14 8 224

End walls of record & store room 4 8 10 1/2 336

Longitudinal walls of Bath room 1 10 8 80

End wall of Bath room inside 2 8 10 1/2 168

Plastering outside

Long wall in front 1 39 1/2 13 513 1/2

do in rear 1 36 1/2 13 474 1/2

Carried over 4124 2/3

Brought Over

End walls of main building	2	17	"	13	442
Longitudinal wall of record and store room	2	17	"	7	238
End walls of do do	4	9 1/2	"	10	380
Longitudinal wall of Bath room rear	1	13	"	7	91
End walls of do including gables	2	9 1/2	"	10	190
Pillars all round	4	5	"	7	140
Sides and Soffit of doors	8	17 1/2	"	1 1/2	210
Sides, Soffits & Sills of windows	6	16	"	1 1/2	144
Sides and Soffit of door in Bath room	2	16	"	1 1/2	48
Sides Soffit and Sills of windows in do	1	10	"	1 1/2	15
Total					622 2/3
Deduction					
Doorways both sides	16	3 1/2	"	7	392
do windows do	12	3	"	5	180
do in bath room do	4	3	"	6 1/2	78
do Windows in do do	2	2	"	3	12
Total Deductions					662
Total Sft of plastering with one coat of chunam & white washed over					5360 2/3
Roofing					
Overseers Office & private quarter front and rear	2	35 1/2	10	"	710
do do ends	2	17	5 1/4	"	195 1/2
Front and rear verandahs	2	43	14	"	1204
Total Sft of roofing with palumrah rafters Bamboo matos bamboo reapers, Pat tiles & chunam borders					2109 1/2
or squares					21

Wood Work

~~32~~ **Presumers including overlap.**

ing in front verandah	1	28	1/2	1/3	4 2/3
do do in rear verandah do	1	14 1/2	5 1/2	1/4	4 1/2
Wall Plate over front & rear wall	2	41	1/2	1/6	8 1/6
Pillar plate	4	3 1/4	3 1/4	1/6	38
Total left of wood work					13 3/8

Flooring

Overseers private room	2	11 1/4	14	"	315
do office	1	14	14	"	196
do store and record room	2	14	8	"	224
Bath room	1	10	8	"	80
Front verandah	1	25 1/2	9 1/2	"	242 1/4
Rear verandah	1	12 1/2	9 1/2	"	119
Total Sft of flooring					1176 1/4
or squares					117 1/6

Teak wood Batten doors 3 1/2 x 7 with frames hooks & hinges complete	8	3 1/2	"	7	8
do do in bath room (3 x 6 1/2) do	2	3	"	6 1/2	2
do Batten windows (3 x 5) with frames hooks & hinges complete	6	3	"	5	6
do do in bath room (2 x 3) do	1	2	"	3	1
Excavation same cubic yards as foundation					12 1/2
					135

Abstract Estimate No 15 of 1875-76.

Quantity	Particulars	Per	Rate	Amount	Total
1432 135 110 94	Layers of Stone in chunam	byd	2 8	3378	
27	do of Brick in mud	do	2 8	235	
4	Cubic yards of Brick in chunam	do	3 12	101 4	
2	Cubic yards of Arch work in chunam	do	4	16	
54	Squares of Pointing with chunam	Sqr	1 4	28	
21	Squares of Plastering with oil coat of chunam and whitewashing	do	1 10	87 12	
13	Squares of Roofing with palmiral rafters Bamboo mats & reapers Pot tiles and chunam Borders complete	do	18	378	
12	Cubic feet of Teak wood work including fessing and painting	Cft	4	52	
8	Squares of flooring with 8" square bricks	Sqr	6	72	
2	Teak wood batten door (3x5) with frames hooks and hinges Complete	Each	24 8	196	
6	Teak wood batten door Single Shutter (Bath room 3x6 1/2) with frames hooks and hinges Complete	do	17	34	
	Teak wood batten windows (3x5) with frames hooks and hinges Complete	do	15	90	
	Carried over			1602	1663 4

Brought Over	1602	
Teak wood batten window in bath room (2x3) with frames		
hooks & hinges Complete	Each	5 4
Layers of Earth work for Excavating foundation	Layers	1
Total		1615 8
Sundries at 5 per cent		74 8
Total Estimate Rupees		1690

Police Range Office
31st March 1876

Engd. Rd.

15/1/76

[Signature]
Executive Engineer

J. W. Hunter Major R.E.
District Engineer

No. 9 District Engineer's Office,
Camp Percaud 14th April 1876.

of
Hons

The District Engineer,

Salem.

The Chief Engineer,
D. P. W.

Sir,

Enclosures 3

1 Plan
1 Estimate
1 Specification

With reference to the concluding portion of para. 2 of your Memorandum No. 116 dated 19th January 1876, I have the honor to forward for the sanction of Government a plan, specification and estimate amounting to Rs 1750 for constructing an Overseer's Office and dwelling house combined at Ahtur the Head Quarters of the Ahtur Overseer, Mr. Dumphry.

Salem District
Engineer's Office
Ahtur

received
order in return
No. 2762/26

and for the purpose of
the above mentioned
work the following
estimate is submitted
for the consideration
of the Government.

Estimate for construction
ing an Overseer's
Dwelling house and
Office proposed to be
built at Ahtur
Amount of Estimate Rs

Mr. Dimphy complained to the Range Officer when at Shinarump during the early part of the past month of the want of suitable accommodation for himself and family, consisting of a wife and several children.

It would appear that the old Tool shed in which they are now living is a miserable den; the whole place is in a lamentably dilapidated condition hardly fit indeed to store Tools in with any degree of security; the building is such that it cannot be improved and not any portion of it is worth retaining.

As an Overseer's office here
is

is very necessary and a suitable dwelling house for the Overseer is also highly desirable, the two have been combined in one building and it is proposed to build it on the same site, as it is not a bad one, and there is not a better site available.

I have the honor to be,
Sir,

Your most obed^t servant,

J. W. Street Major, R.E.

District Engineer, Salem.

Ed. J. M.

No 33

From

District Engineer's office,
Yerkaud 15th May 1876.

The District Engineer
of Salem.

To

The off^g Dy Chief Engineer
P. W. D.

Sir,

With reference to your
Memorandum of the 10th instant,
No 1851, I have the honor to inform
you the rate in the estimate for
Mtoor Taluq Oversee's office for plaster-
ing in Chunnar includes also one coat
of whitewashing.

I have the honor to be

Sir,

Your most obedient St.

J. W. Miller Major R.E.,
District Engineer

Ch. Engr No 1851 of 10/3/76

298 - 24/5/76

From

The District Engineer

Salem.

to

Chief Engineer,

P. W. D.

Dated 14th 3 April 1876

Recd 17

Enclosures 3 Mr T. W. Miller

Forwarding for the

Sanction of Govt. a

plan and estimate for

constructing an

Oversee's Office

and dwelling house

at Alloor.

No 395-

Cir 14-11-76

Ch. Engr No 434

Ch. Inq. no 7-9/10/5/76 with Ch. no 27/62.
 - 116 - 19/1/76 (Ch. 7)
 QD 10-10-72 no 1383 } Final Report
 2-12-72 - 16053

P. H. 1876 Department

8-3543

States that the
 rate in the estimate
 for Alton Valley
 Breckenridge Office for
 collecting in this
 town include also
 one cost of maintenance
 ing.

Dated 13th May 1876
 Received

From
 The District Engineer
 Alton
 To the Officer in Charge
 Breckenridge P. W. E.
 No 293 of 24 May

37500

Cir: 14-11-76
 Depts 17-12-76
 Depts 17-5-76

No 38
 From The District Engineer
 of Salem.

To The Chief Engineer,
 Public Works Department.

Sir, With reference to your Memo
 No 293 under date the 24th May,
 I have the honor to report that the
 Alton Taluk will be generally held
 by an European or East Indian
 Overseer.

2. The revenue of this taluk for the
 last fasli was Rupees 2,21,393-1-1
 and this stands fourth in importance
 as regards revenue out of the nine taluks
 of the District.

I have the honor to be,
 Sir,
 Your Most Obedient Servant

J. V. Steele Major, R.E.
 District Engineer.

L. W. 1876 Department

324070

orig. Ch. E. No $\frac{2}{539}$ 27th July.

Records filed at the Wilson
clerk with generally be
held by our friends in
a local Canadian Museum,
and that, in a personal
round of going to stands
of the in important
of the 9 stands in the
stand.

1038

Oct 25th 1896
Recd. 75
Junc 1896

30
The Chief Engineer
at A. N. H.

Edmund

96 26 November 76
V-3119

No 37513-
 Cin: 14-11-96
 A despatch to City 8-6-96.

D. M. Wagner Esq.
District Salem Range Ashton Spang
Not Ordinary New Work Civil Building
Detailed Estimate No 9 of 1876-77
Estimate for constructing Overseer's Office
sit. to be built in Ashton.

Particulars of work	No.	Measurement in Feet	Length	Width	Depth	Volume	Total	Quantity
6 7 1/2 1 1/2 1 1/2	545/50							

7 7 21 22 2
 7 2 21 22 2
 Foundation
 Front and rear of Longitudinal walls 2 23½ 3½ 3 493½ ✓
 End walls 2 17 3½ 3 357 ✓
 Cross walls 2 17 3½ 3 105 ✓
 Verandah, all round 2 26 3½ 3 273 ✓
 Total Cft of Foundation of earthwork 1328½
 On cubic yards 45½

Foundation

Front and rear walls.	2	$2\frac{1}{2}$	$2\frac{1}{2}$	3	$3\frac{1}{2}$	✓
End walls.	2	16	$2\frac{1}{2}$	3	$3\frac{1}{2}$	✓
Cross walls.	1	11	$2\frac{1}{2}$	3	$3\frac{1}{2}$	✓
Verandah wall all round.	1	$27\frac{1}{2}$	$2\frac{1}{2}$	3	$20\frac{1}{2}$	✓
Steps	1	$3\frac{1}{2}$	1	$3\frac{1}{2}$	$2\frac{1}{2}$	✓

	100	25	2	1	100
Front and rear	2	25	2	1	100
End walls	2	15	2	1	62
Prop wall	1	45	2	1	23
Verandah all round	1	28	2	1	56
Steps	1	3 1/2	1	1/2	1 3/4

Carried Over

Brought Over

Superstructure

Front and rear walls	2	25 1/2	13	99 1/2
End walls	2	15 1/2	13	58 1/2
Gable ends over do	3	12	1	2 72
Cross wall	1	12	1 1/2	13 234
Pillars	2	1 1/2	1 1/2	7 31 1/2

Total

Deduct

Doors	2	3 1/2	1 1/2	7 73 1/2
Windows in office store room	3	3	1 1/2	5 67 1/2
Flat arch work over doors	2	4 1/2	1 1/2	7 13 1/2
Doors over windows	3	4	1 1/2	1 18

Total deductions

Total Cft of Brick in Chimney	286 1/2
-------------------------------	---------

On Cubic yards

Flat arch work

Same quantity as deducted above

Plastering

Outside front and rear walls	2	28 1/2	13	74 1/2
End walls	2	15	13	39 1/2
Gable ends over do	2	15	2 1/2	75
Pillars	2	5	7	70

Plasterment all round

Inside, rooms all round	2	45	13	124 1/2
Gable ends over end walls	4	12	2	96
Sides and soffits of Doors	2	17 1/2	1 1/2	52 1/2
Sides, soffits and sills of windows	3	16	1 1/2	72

Total

Deduct

Doors both sides	4	3 1/2	7	98
Windows do	6	3	5	90

Total deductions carried Over

Total deductions Brought Over

Total Plastering superficial feet

On Squares	27 66 1/2
Running feet of Cornice work	44

Roofing

Front and rear of Office and Store rooms	2	29	11	638
Verandah	1	15 3/4	12	189

Total sq ft of Roofing On Squares

Filling

Store and Office rooms	2	11 1/2	11 1/2	132 1/4
Verandah	1	11 1/2	6 1/2	40 1/4

Total cft of filling On cubic yards

Stone paving

Office rooms	2	11 1/2	11 1/2	264 1/2
Total sq ft of flooring on Squares.				2.64

Flooring Verandah. cft On Squares

Teak wood

wood.								
Wall plates over longitudinal walls.	}	2	26 $\frac{1}{2}$	$\frac{1}{4}$	6 $\frac{1}{2}$	✓		
Doors over end walls.		1	13 $\frac{1}{2}$	$\frac{1}{2}$	$\frac{1}{4}$	1 $\frac{11}{16}$	✓	
		1	14	$\frac{7}{12}$	$\frac{11}{12}$	$\frac{41}{32}$	✓	
Preparations		2	1	1	$\frac{1}{6}$	$\frac{1}{3}$	✓	
Pillar plates.								13 $\frac{1}{2}$
Total Cft of Teak wood wrought & put up.								16 ✓

Doors (Teak wood battens)

Windows (Teak wood do)

Doors	2	3 1/2	7	122 1/2
Windows	3	3	5	123 1/2

Wm. H. Brown.

Windows (2x3 3 5 90

Presumptive.

Total Sq. ft. of Printing

An Squares.

Abstract of the foregoing Estimates.

number
on
quantity

Description of work.

4. *Pale*

Amey

三

45½ cubic yards of excavation—by " 1 - 2 136
do " 3 12 - 401 4 "

107 Do. of Brick in Churnam. — do 3 12. 401 4 "

✓ 1 Do. of Flat Arch ^{1/2} inch: - do 4 " " "

2766 Squares of Plastering with 2 Coats } Sq. 28. 69 24

44 Running feet of 9" deep Cornice
at ends of roof, brick in
chumaw with plastering } 42 " 42 " 42 " 42 "

✓ 8 1/4
 Squares of Roofing with Country
 wood Couples, Rafters, rippers
 Flat and Pot tiles with
 Chumam borders, Farring &c.
 Complete.

16 cubic yards of Filling. — by "1" "2"

12.64 Squares of stone paving and pointing floor of rooms. } Sp. 10 " " 2664

5.66 D: Asphaltting floor of terrace
1" thick over one layer of } Sq. 20 " " 13 3 2

Brick and 3" Concrete
cubic feet of Teakwood Breast
All and pillar left 3 12" 49 11
60

- Summers all and for
plates wrought and finished
each 248 " 49 "

2 Pattern Doors ($3\frac{1}{2} \times 7$) — do 15 . . 45 .

3
2.11
1.94
24
Do. Windows (3x5) ——— as
to 3 Coats for 28. 4-12

Squares of Painting 3 Coats
Doors, Windows & Breasts
1 Over.

Brought over. 891 10 8
 Sundries & Superintendence 901 7 8
3 5 4

Total Amount of Estimate Rupees. 950 11 5

22/8/76

Calcutta Range Office
 Calcutta 7th August 1876

Walter D. Morgan
 Assistant Engineer

M. S. S. S.
 District Engineer

Specification

Specification Report to accompany Plan and Estimate for constructing an Overseer's Office proposed to be built at Shloor. Amount of Estimate Rs. 950.

Excavation The excavation for foundations to be taken out to such a depth as the Assistant Engineer may determine not exceeding 3 feet for the main and crop walls and $\frac{1}{2}$ foot for steps and the bottom taken out perfectly level any superfluous excavation at the sides to be filled in again and well rammed.

Foundation, Basement and Superstructure Foundation, Basement and Superstructure is to be of best brick (Government size) in chunam 3 parts of sand to two fresh and well burnt lime slaked on the work. The bricks to be soaked in water before being used and the English bond to be observed throughout.

Flat arch work The arches to be neatly turned and and only selected hard bricks used, joints all to radiate correctly according to the nature of the arch. Joint not to exceed $\frac{1}{4}$ inch in thickness and to be scraped out before being plastered.

Cornice The description of the Cornice should

should be of the pattern supplied by the Architect Engineer. Cornice bricks to have proper bearing not less than 4 inches and set with strong lime.

Plastering

The joints to be scraped out and the walls plastered with 2 coats of chunam. First coat to consist of one part of lime to one and a half of river sand well ground together and the 2^d coat to be of 3 parts of lime to one of white sand well smoothed.

Flooring

The basement to be filled in with earth well watered and rammed till thoroughly consolidated. Over the flooring of stone slabs having a smooth surface to be laid on sand set in chunam. Thus after fitting the stones to be removed at least one inch and space filled in with chunam the stones to be then jammed into position. The joints afterwards to be scraped out to a depth of $\frac{3}{4}$ inch and pointed with strong lime putty. Joints not to exceed $\frac{1}{2}$ inch in thickness. The floor of the verandahs to be 3" concrete over a layer of bricks and upon this a coat of asphalt 6" in thickness.

Timber

The whole of the timber

timber to be of well seasoned and sound teak free from all shakes and knots and neatly finished off.

Roof

The Roof shall consist of well seasoned jungle wood couple and rafters, Pcepers, Flab and Pantiles chunam borders Tarring &c. Complete. The tiles shall be made from good pot earth well burnt and have as uniform a gauge as possible.

Doors and Windows

Two Batten doors ($3\frac{1}{2} \times 7$) Three windows (3×5) with hinges lock Complete are to be provided and fixed in the positions marked in the Plan.

Painting

The doors, windows, and Breast-summars are to be coated with 3 Coats of Carosene wood oil.

The whole of the work to be carried out as per Plan and Estimate and to the entire satisfaction of the officer in charge of the Salem Range.

Salem Range Office
Salem 7th August 1876

Walter de Moravia
Assistant Engineer

de Moravia
District Engineer

P.W.D.
13 AUG 76
No 3 116
11

D. P. W.
Salem District
Salem Range
Ahtur Taluk
Provincial
Ordinary
New works
Civil (Building)

Estimate for Construct-
ing an Overseer's Office
proposed to be built in
Ahtur Taluk Salem
District of Salem R. 950

No 7432 District Engineer's Office,
Campoor 15th August 1876.
From The District Engineer,
Salem.

To The Offg. Deputy Chief Engineer,
D. P. W.
Sir,

Enclosures 3
1 Plan
1 site plan
1 Estimate

I have the honor to forward
for the sanction of Government plans
and estimate amounting to Rs. 950
for constructing an Overseer's Office
at Ahtur, called for in your
Memo. No. $\frac{I}{539}$ dated 7th July 1876.
2. The plan has been prepared
in accordance with the standard
designs for the Overseer's Office
circulated with your Memorandum
of the 8th March 1875, No. 262.

I have the honor to be,
Sir,
Your most obedt. Servant,
R. Morfor
Offg. District Engineer, Salem.

No. 8956
 1856 27-10-5-76
 293 24-5-76
 509 7 July

P.W.D.
 1856
 No. 5111

Forwarding for same
 Item of Government
 Land and Estimate
 amounting to Rs. 950
 for constructing an
 Officers' Office at
 Salem.

1856/74 SE
 Enc. 3 +
 Please with the above

Dated 15th Aug 1876

To The Offg. Dy. Commr.
 P. S. W.

From The Dy. District Engineer,
 Salem.

C.E. No. 2910 of 5th Sept 1876

Gd 25 Nov 1876
 No. 3119

No. 3756

14-11-76
 Desd to 24-8-76

No. 8956 District Engineer's Office,
 Salem 29 September 1876.

From The District Engineer,
 Salem.

To The Deputy Chief Engineer,
 D. P. W.

With reference to your Memorandum
 No. 1 dated 5th September 1876, I
 have the honor to inform you that
 the Soldiers' Shed at Ahtoor belongs
 to the Local Fund Board who
 are not disposed to give it up as
 it affords the necessary shelter
 to European and Eurasian travellers
 who cannot afford to pay Bungalows
 fees.

I have the honor to be,

Sir,
 Your most Obedt. Servant,

K. M. J.
 Offg. District Engineer.

No. 175 27-10-5-76
 293 24-5-76
 539 7th July
 910 5th Sept 76

P.W.D.
 200176
 N.R.

G.O. No. 1055 of 4. Oct 76.

(Under 293) September
 Road }
 Informing that the
 soldiers shed at Mtoor
 belongs to the Local
 Fund Board who are
 not disposed to give it
 up to the Department.

G.O. 20 November 76
 No. 3119

Cin 14-11-76.

No. 1382 Salem L. F. B. Office
 13th October 1876
 From The President
 Local Fund Board
 Salem
 To The District Engineer
 of Salem

Sir, In reply to your letter No. 172,
 dated 7th Instant, I have the honor
 to state that no information is available
 regarding the No. of European and
 Eurasian travellers that use the
 soldiers' shed at Mtoor. The building
 in question came into the possession
 of the Local Fund Board under
 Section I of Act IV of 1871 (the Local Funds
 Act) under the operation of G.O. No.
 1605 dated 2nd December 72, by which
 all soldiers' sheds in the District
 were made over to the respective Local
 Fund Boards, and the Local Board
 have no desire to part with it for
 any other use than as a halting
 place for travellers.

The Board
 have no desire
 to part with it
 for any other
 use than as a
 halting place
 for travellers.

I have the

Respectfully
C. S. Longley
Collector & President.

District Engineer's Office,
No. 100 S. L. Salem 19th October 1876.

Submitted to the off^{ce} Deputy
Chief Engineer, D. P. M., with reference
to his Memorandum No. 1055 of
4th October 1876.

Placed for

off^{ce} District Engineer

P.W.D.

21 OCT 76

No 7585

Forwarding copy
of letter from the
President & local board
stating that the
board have no other
one to send with
the return of the
also.

Contact 19th
Head: } Accounts
No 11758

To
The Sup. Lt. Engineer
P. J. M.

From
The Cpt. Post. Eng.
P. J. M.

375-8-

Co 20 Nov 76
No 1119

(a) Heads of Service—

Fund.

Class.

Main-head.

Sub-head.

Section.

Name of Work.

Government

Ordinary

Regimental & Units

Public Buildings

Public Works Department

Office

Access to office at Hotel

Amount. Rs 935

To be carried out by the P. M. Department.

Print in the margin of 1/2" 12 3119 of 20 Nov 76

No. 7589

№ 3119

Public Works Department.

UNDER date the

Read the following:—

12

1

4

FILE

26

No

A.

No

12

U.C. 29 of 14 April 1876

1/2 " 33 " 15 May.)

1/2 " " 38" 5" (see ")

1. " " 44 L.L. 15" (high)
 2. " " 44 L.L. 14" (high)

84 S. 2 27 1742
 100 S. 2 1742 1742

His Grace the Governor

in Council sanctioned

The estimate, as corrected

in the Chief Engineer's

Office of Rupert 935

for constructing and

Overseer's office at

Also in the Salem

District.

2. At present more

Ans 14-11-76.

are no funds available
for the work.

3. This sanction has
been registered as Pro-
vincial No 184 of

1876-77.

W.H.
20.12.76

No 375/6

Cin 11-11-76.
P. H. Dept to Govt. 29/8/76.

H. S. Salim ✓
Ex. P. H. Accts ✓
25-11-76

7057
5946
4070
3872
2782

Capt. of 1876 Bridges.
PUBLIC WORKS.

To

The R. & L. Salem

71-11-10

Date

Issued

Read

Recd

G. O. 20-86-100 No.

3/19

Res.

7/6

Measures office at Salem
Sanctioning an estimate
of \$935 for the construction
of an in the Salem I. & L.
indicating that there
are at present no funds
available for the work.

W. W. 20 to Oct. 29/8, 16.

W. W. 20 - 11 - 10