MRO 1—10,006—28-2-50-

(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. / ~~B.P. No.~~	2570	Press / ~~Mis.~~
Dated	19 - 9 - 1876	

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
19th September 1876. *No.* 2,510.

No 325 Read the following letter from Lieutenant-Colonel R. B KENNEDY, District Engineer, Malabar, to Major-General G. W. WALKER, R E, Secretary to Government, Public Works Department, dated Camp at Tellicherry, 1st August 1876, No. 91 —

I HAVE the honor to forward, for your approval and provision of funds, a plan, estimate, and specification for Rupees 490, for converting two married quarters at Mallapooram into quarters for the Commissariat Serjeant, and to state that these documents have met with the approval of His Excellency the Commander-in-chief

2. There being no suitable quarters at Mallapooram for the Staff Serjeant, the best course seems to be the conversion of two married quarters, there are more married quarters there than actually required by the Detachment.

No. 1,210.

MEMORANDUM.

WITH reference to his letter, No 91, dated 1st August 1876, the District Engineer, Malabar, is requested to report as to how the Commissariat Serjeant is at present accommodated, and to submit the plan of his quarters

OOTACAMUND, 11*th August* 1876 (Signed) G W. WALKER, Major-General, R.E, *Secretary to Government, P W.D.*

No 325-A. From Lieutenant-Colonel R B. KENNEDY, District Engineer, Malabar, to Major-General G W. WALKER, R E, Chief Engineer, Public Works Department, dated Camp at Cannanore, 7th September 1876, No 115

Reference Memorandum, No 1,210, *dated* 11*th August* 1876

THE Commissariat Serjeant at Mallapooram occupies one set of quarters, but they being on the old plan he has to use the set of out-buildings allowed for the whole block, the quarters at Mallapooram have no out-houses for each as it is at Cannanore, but one cook-room, latrine and bath-room for the whole block of fourteen quarters.

2. The plan of the quarters occupied by the Serjeant is herewith forwarded

No. 326. ORDER THEREON, 19th September 1876, No 2,510.

MILITARY WORKS, No 12

(a) *Heads of Service* —Imperial
Fund —Ordinary
Class —Original Works
Main-head —Military
Sub-head —Commissariat Buildings
Name of Work —Altering quarters at Mallapooram for the Commissariat Staff Serjeant.
Amount —Rupees 490
To be carried out by the Public Works Department

THE plan and estimate of Rupees 490 for altering two of the married quarters at Mallapooram into quarters for the Commissariat Staff Serjeant are sanctioned.

2. The District Engineer will provide the necessary funds from the grant for Minor New Works at his disposal, which will, if necessary, be augmented later in the year

3. This sanction has been registered as Imperial No. 82-W. of 1876-77.

(True Extract.)

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

To the District Engineer, Malabar
„ Examiner of Public Works Accounts
„ Military Department
Exd E C Shunker
Spare Copies

Abstract & Estimate of the Probable cost of Constructing the Alterations and additions to convert 2 of the Married Quarters at Mallapuram into Quarters for the Commissariat Staff Sergeant

Quantities	Particulars	Rate	Per	Amount Actuals	Amount Work	Remarks
1555 11/16	Cub ft of Laterite stone in Chunam	@ 14	100 cub ft	217	128	
171 1/8	Sqr ft of Flooring with Laterite stone in Chunam over a levelling course of 2" concrete	@ 10	100 Sqr ft	17	19	
67 1/2	Do Do with 4" thick over one layer of Laterite stone in Chunam laid on a foundation of 9" concrete	@ 18	Do	12	24	
82	Sqr ft of Batten doors and windows with frames in Teak or Karumaruda wood) hooks, hinges, bolts &c complete	@ 10	Sqr ft	51	4	
15 1/4	Cub ft of Wood in Karumaruda wood wrought and put up	@ 1 4	Cub ft	19	1	
458	Sqr ft of Roofing with Rafters and Battens (in Wood or Karumaruda wood) pan tiles Chunam redges and edges &c complete	@ 20	100 Sqr ft	111	97	
	26 Running feet of Cornice to gables	@ 2	Rg foot	3	4	
	Opening doorway and putting Lintel 5'+12"+4"			4		
	Seat for Latrine			5		
	Constructing fire place			5		
	Excavating foundation and levelling site			10		
	Superintendence and Sundries	@ 7 8	Cent	33	128	
	Amount of Estimate		Rupees	490		

Ernaad Range Office
Calicut 22nd June 1876

Wm. H. Kennedy
Lieutt: Colonel
District Engineer, Malabar.

Wm. Gourley Captain
Ex. Engr Ernaad Range

3B

Ernaad Range
Malabar District

Dated 22nd
Received } June 1876.

Estimate for Constructing the alterations and additions to convert two of the Married Quarters at Mallapuram in Quarters for the Commissariat Staff sergeant

Amount of Estimate Rs 490--

No 6002

Estimate for Constructing the alterations and additions to Convert 2 of the Married Quarters into Quarters for the C.S. Sergeant continued

Taking Items of Nos	Number	Measurement in feet: Length	Measurement in feet: Breadth	Measurement in feet: Depth	Content: Sup.l	Content: Cub.c	Particulars	Rate	Per	Amount: Article	Amount: Work	Explanation if any required	By whom recommended.
							Brought forward				Rs 418 ..		
							Cook room and Godown						
							Masonry work						
✓	1	73'	2 1/4	2		✓328 1/2	Foundation to walls						
✓	1	73 3/4	1 1/2	1		✓110 5/8	Basement — do —						
✓	1	74 1/2	3/4	8		✓447	Walls above						
✓	3	10 3/4	3/4	1 3/4		✓42 21/64	Gables of Cross and End walls						
						✓928 21/64	Total						
✓	2	3	3/4	6		✓27	Deduct for doors						
✓	2	3	3/4	3		✓13 1/2	—do— Windows						
						✓40 1/2	Total of deduction						
						Total ✓887 61/64	or 888 Cub. ft of Laterite stone in chunam	@	Rs 14 ..	100 cub ft	124 51 ✓		
							Flooring						
✓	2	9 1/4	9 1/4			✓171 1/8 ✓	Cook room & Godown						
						Total 171 1/8 ✓	Sqr. ft. of Flooring with Laterite stone in chunam over a levelling course of 3" concrete	@	Rs 10 ..	100 Sqr ft	17 19 ✓		
							Roofing						
✓	1	22 1/4	18			✓400 1/2	Cook room and Godown						
						Total 400 1/2 ✓	Sqr ft of Roofing with Eroal Rafters Rafters pan-tiles chunam Ridges and Edges complete	@	Rs 20 ..	100 Sqr ft	80 17 ✓		
							Wood work						
✓	2	21 1/2	1/3	1/4		✓3 7/12	Wall plates						
✓	1	22 1/4	5/12	1/3		✓6 13/72	Ridge Beam						
						Total ✓9 55/72	or 9 3/4 Cub ft of Eroal or Karumanda wood wrought and put up	@	Rs 1/4 ..	Cub ft	12 3 .. ✓		
							Doors and Windows						
✓	2	3	..	6	36	✓	Batten doors						
✓	2	3	..	3	18	✓	—do— Windows						
						Total 54 ✓	Sqr ft of Batten doors and windows with frames (in Eroal or Karumanda wood) hooks hinges Bolts &c complete	@	Rs 10 ..	Sqr ft	33 12 .. ✓		
							✓ Excavating found.n and levelling site				7		
							✓ Constructing fire place				5 .. .. ✓		
							Total				279 5 ..		
							✓ Superintendence and Sundries	@	7 8 ..	Cent	20 87 ✓		
							Total Cost of Constructing outhouse				300		
							Masonry work						
✓	1	42	2 1/2	2		✓189	Foundation to walls						
✓	1	42	1 1/2	1		✓63	Basement — do —						
✓	1	37	3/4	8		✓222	Walls above all round						
✓	1	5	3/4	6		✓22 1/2	—do— Screen wall						
✓	2	8 3/4	3/4	1 1/2		✓19 11/10	Gables of end walls						
						316 3/10 ✓	Total						
✓	1	3	3/4	6		13 1/2 ✓	Deduct for doors						
						Total ✓ 502 11/10	Cub ft of Laterite stone in chunam	@	Rs 14 ..	100 cub ft	70 6 .. ✓		
							Carried over				70 6 ✓348 .. ✓		

Constructing additions and alterations to convert 2 of the Married Quarters into Quarters for the C.S. Sergeant

Brigade Major commanding Malabar

There is no plan which the Commandant

Commanding Officer

Estimate for Constructing alterations and additions to convert 2 of the Married Quarters into Quarters for Comt Staff Sergeant - Continued

Name of Works	Number	Measurement in feet Length	Breadth	depth	Sup. ft.	Cub. ft.	Contents	Rate	Per	Amount Article	Work	Ex'plan'y Ref. to measurements of work	Ex'plan'y Ref. to measurements of work
							Brought forward				70 6 - 348 - -		
							Flooring						
	1	8 7/12	5 1/4		42		Large Room						
	1	8 7/12	2 11/12		24		Small do.						
	1	3 25/12	1/2		1 1/2		Doorway						
					67 1/2		Total 67 1/2 sqr. ft of flooring with asphalte 1/2 an inch thick over one layer of Laterite stone in Chunam laid on a foundation of 3" of Concrete	@	18 - -	100 sqr ft	12 2 4		
			Inches				Wood work						
	1	10 1/2	5"	8"		2 11/12	Ridge beam						
	2	10 1/2	3"	4"		2 5/8	Wall plates						
						5 13/24	Total 5 1/2 cub. ft. of Coral or Karumarudu wood wrought and put up	@	1 4 -	cub ft	6 14 2		
							Roofing						
	1	10 1/2	15		157 1/2		Latrine throughout.						
					157 1/2		Total 157 1/2 sqr ft of Roofing with Rafters, ruepers, nails, Santtis Chunam Ridges	@	20 - -	100 sqr ft	31 8 -		
							26 Rng. feet of Cornice to Gables	@	- 2 -	Rg foot	3 4 -		

Excavating foundation and levelling site		3 - -
Seat for Latrine		5 - -
Total		132 2 1/2
Superintendence and Sundries	@ 7 8 Cent	9 13 8 1210
Total cost of Constructing Latrine		142 - -
Total cost of Constructing the alterations and additions to convert 2 Married Quarters and the Out house and Latrine		490 - -
Amount of Estimate		Rupees 490 - -

Coonaad Range Office
Cabcut 22nd June 1876. 3

D'Y Bailey Captain.
Cav. Engr Coonaad Range

Malabar Dist Engr's Office
Cab'cut 4th July 1876

Central Office
7/8/76

Dt. B. Kennedy Lieutt. Colonel
District Engineer, Malabar

H Templer Brgr General
Commanding Malabar Cana

P.W. 5556/3/96.

Sir,

I have the honour to forward herewith the District Engineer's Estimate for the Secretary to Govt. P.W.D. Madras, dated 14th August 1896 No. 91.

I have the honour to be,
Sir,
Your most obedient servant,
[illegible]
Executive Engineer.

Estimate for Converting 2 Married Quarters at Mallapuram into Quarters for the Commissariat Staff Sergeant.

Rs. 490-0-0

Specification to accompany the Estimate for constructing the alterations and additions to convert 2 of the Married Quarters at Mallapuram into Quarters for the commissariat Staff Sergeant.

Provision — The amount of Estimate Rs 490-0-0

The alterations and additions are proposed with the view of affording accommodation for the commissariat staff Sergeant at Mallapuram for whom there are no proper Public Quarters at present and private accommodation is not attainable

They consist of putting a door in the partition wall between two of the Quarters. Constructing out houses and separating these Quarters from the rest of the Block by a partition wall

The Out-house is to consist of 2 rooms viz:- Cook room and Godown Each room is to measure 10×10 inside and to have one door 3×6' and one window 3×3'. The foundation of walls to be 2¼ ft broad and 2 ft deep a basement of 1 foot high and 1½ ft broad will be given all round, and the superstructure to be 8 ft high and 9 inches thick The Cross and end walls to have gables The end gables to be finished with a plain Cornice in the usual manner

Flooring — The masonry work to be of picked laterite stone laid in mortar composed of 1½ parts of sharp clean river sand to 1 of freshly burnt shell lime, well ligated together

The Out house to have a floor of laterite stone in chunam laid on the flat, and the latrine, an asphalte floor ½ an inch thick laid over one layer of laterite stone in chunam Rails 9" square to be given over the floor of the latrine as shown on the plan

Roofing — The Roof will consist of Ridge beam 5×8" Rafters 3×4" Wall-plates 4×3" and purlins of Coorg or Karunaram dri wood and to be covered with pan tiles; Chunam hedges to be given over the tiles.

Wood work — The wood to be sound and free from knots or cracks and to be of the scantling given in the Estimate.

Doors — The doors will be battened and to be in pairs. Each half fitted with iron Hooks, Hinges and 2 six inch iron bolts inside. The door frames to be 4"×4". The doors to be 1" thick.

Windows — Windows will be battened and to be in pairs. Each half fitted with two iron Hooks and Hinges The frames to be 4"×3" and the shutters 1" thick.

The Rebate to be cleared upon completion of the work.

These Quarters are available there being more than are required for the Detachement with its present strength.

Dr 55 2/16.

Canaad Range Office
Calicut 22nd June 1876

H. Paul Captain.
Ex Engr Canaad Rly.

Calicut
4th July 1876

Matt. W. Kennedy
Lieutt. Colonel
District Engineer, Malabar.

No 91. Malabar District Engr Office,
Camp Tellicherry 1st August 1876

From

The District Engineer
Malabar,

To

The Secretary to Government,
Public Works Department,
Madras.

Sir,

I have the honor to forward for your approval and provision of funds a Plan, Estimate, & Specification, for Rs 490, for converting 2 Married quarters at Mallipuram into quarters for the Commissariat Serjeant, and to state that these documents have met with the approval of His Excellency the Commander-in-Chief.

2. There being no suitable quarters at Mallipuram for the staff Serjeant, the best course seems to be the conversion of 2 Married quarters: there are more married quarters there than actually required by the Detachment.

I have the honor to be,
Sir,
Your Most Obedient Servant,
Matt. W. Kennedy Lt Colonel,
District Engineer, Malabar.

Sir Letter from the Distt. Engineer Malabar
to the Secretary
to Govt. P.W. Dept.
Dated 1st August 1876
No 91.

Specification
Calculation
Estimate Rs 490
Converting 2 married
Quarters to Cells.
for Commissariat
for the Commissariat Serjeant

Malabar District Engineer's Office
Camp Cannanore 7th September 76

No 115

From,

The District Engineer
Malabar

To,

The Chief Engineer
P. W. Madras.

Sir,

Reference Memo No 1210 of 11th Septr 76

The Commissariat Serjeant at Malapuram occupies one set of Quarters, but they being on the old plan he has to use the set of outbuildings allowed for the whole block, the quarters at Malapuram have no out houses for each as it is at Cannanore but one Cook-room, latrine and bath-room for the whole block of 14 quarters.

The plan of the quarters occupied by the Serjeant is herewith forwarded.

I have the honor to be.
Sir
Your most Obdt. Servant
Lt. H. Kennedy Lt. Col.
District Engineer, Malabar

P.W. Secy 1876 Sept
No 5596

From
The District Engineer
Malabar

To
The Secretary to Govt
P.W.D.

Memo: No 1210 dated 11th Aug. 1876

With reference to his letter No
dated 1 Sept 1876, the D.E. Malabar
requested to report as to how the Com:
Sariat Serjeant is at present ac-
commodated and to submit the plan if
quarters

Calicut

Malabar

No 325

Rd. 19-9-76
" 14-9-76
Ent Ord 9-8-76

P.W.D.
11 SEP 76
No. 6562

From
The Asst. Engineer
Malakand

To The Chief Engineer,
N.W.F.P.
Malakand.

Dated Thana the 8th Sept. 1876
Rec'd 9th Sept. 1876

No. 1115
Encl. 1

Reference to previous correspondence
Subject: Proposed Lecture Room
Regimental Library
Quarters for Staff Sergeant
Quarters for Sergeant Instructor of Musketry
Quarters for Sergeant Schoolmaster
Quarters for Sergeant Hospital Assistant
Quarters for Color Sergeant
Quarters for Quartermaster Sergeant
Quarters for Band Sergeant
Quarters for Pioneer Sergeant
Quarters for Orderly Room Clerk
Quarters for Sergeant Tailor
Quarters for Sergeant Shoemaker
Quarters for Sergeant Armourer
Quarters for Sergeant Drummer

Sir,

1. I have the honor to forward herewith Plan and Estimate for the Lecture Room, Regimental Library, Quarters for Staff Sergeant Instructor of Musketry, Quarters for Sergeant Schoolmaster, Quarters for Sergeant Hospital Assistant, Quarters for Color Sergeant, Quarters for Quartermaster Sergeant, Quarters for Band Sergeant, Quarters for Pioneer Sergeant, Quarters for Orderly Room Clerk, Quarters for Sergeant Tailor, Quarters for Sergeant Shoemaker, Quarters for Sergeant Armourer, Quarters for Sergeant Drummer, Quarters for Sergeant Instructor of Musketry, Quarters for Sergeant Schoolmaster, Quarters for Sergeant Hospital Assistant, Quarters for Color Sergeant, Quarters for Quartermaster Sergeant, Quarters for Band Sergeant, Quarters for Pioneer Sergeant, Quarters for Orderly Room Clerk, Quarters for Sergeant Tailor, Quarters for Sergeant Shoemaker, Quarters for Sergeant Armourer, Quarters for Sergeant Drummer, Quarters for Sergeant Instructor of Musketry, Quarters for Sergeant Schoolmaster, Quarters for Sergeant Hospital Assistant, Quarters for Color Sergeant, Quarters for Quartermaster Sergeant, Quarters for Band Sergeant, Quarters for Pioneer Sergeant, Quarters for Orderly Room Clerk, Quarters for Sergeant Tailor, Quarters for Sergeant Shoemaker, Quarters for Sergeant Armourer, Quarters for Sergeant Drummer,

4. Plan sent to Librarian

No. 325 a.

Rcvd 19-9-76
Cir - 14-9-76
Despatched 11-9-76.
V - 27 - 10.

(a) Heads of Service— Imperial

Fund. Military

Class. Regimental Works

Main-head. Military

Sub-head. Commissariat & Buildings

Name of Work. Library, quarters &c Malakand for the Commissariat Staff Sergeants

Amount. Rs 4490

To be carried out by the P W Department.

Entered in the margin of G. O. No. 2510 of 19-9-76.

151

3

Rs 2513 S.H.C. 177

Proceedings of the Madras Govt.

Under date the 19 Sept/76

Read the following:-

From,

The District Engr.
Malabar } (H.E. Lrs. 71 of 1st Aug/76.
" 115 - 7th Sept/76.

The plan and estimate of Rs 490 for altering two of the Married Quarters at Walliapuram into Quarters for the Commissariat Staff Serjeant are sanctioned.

2. The District Engineer will provide the necessary funds from the grant for Minor Works

Inst. Co

works at his disposal which will, if necessary, be augmented later in the year.

3. This sanction has been registered as Imperial No. 82 N of 1876-77.

W.H.
9.8.76

No 325/26

Dft. Malabar.
Ex. P.W. Accts. &
Mily. Dept. & Desptd 6/10/76

Cell Darjeeling 9-8-76.

10

Govt. of {1876} Madras.

PUBLIC WORKS.

To The D. C. Malabar

Dated

Issued

Recd *Encl.*

G O. 19th Oct. 1876, No 25-16

Nos. 3225/6

Quarters for the Commissariat Staff Sergeant at Mallapuram, Malabar Dist.

The Plan & Estimate & Specification for alteration of the premises quarters at Mallapuram into ——— Canada and Jundo provided from the grant for minor new works at the District Engineer's disposal