M.R.O. 1—77,606—8-6-37.

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. 296-297	2 Pub	Press / Mis.
Dated	19- 11-	1872.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
19th November 1872.

No. 296. Read the following letter from the Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Coimbatore, 26th October 1872, No. 169 :—

I HAVE the honour to forward for sanction a plan and estimate, amounting to Rupees 7,450, for additions to the Canteen of Her Majesty's 89th Regiment at Cannanore, which have been duly approved of by His Excellency the Commander-in-Chief.

1 Plan.
1 Estimate, Rupees 7,450, No. 12 of 1872-73.

2. The above work is entered in the Imperial Fund Budget of the Malabar District for 1873-74.

No. 297. ORDER THEREON, 19th November 1872, No. 2,716.

MILITARY WORKS, No. 7. SANCTIONED.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 7th Division, with two Enclosures.
,, Controller of Public Works Accounts.
,, Military Department.

Ed. E. C. Shunker.

2714/2-10/67

No. 12 of 1872-73.

Estimate of the probable expense of making Additions and Improvements to the Canteen of the European Regiment at Cannanore.

Specification

A verandah 8ft. wide in the clear with 1½ ft. Pillars to be given to the Western portion of the Building the Southern end being inclosed for a Bath room for the Canteen Sergeants Quarters the end windows of the Sergeants Quarters being altered into a Doorway & the Window used for the Bath room. —

The Doorways between the present liquor Room and Bar and Men's room to be closed and the Doors used for the Bath room.

The wall between the Bar and Corporals room to be pulled down to enlarge the latter a Truss given to support the Roof where the walls is and the Door obtained put in the sea face of the Corporals room.

21 feet of the present Men's room to be divided into 2 Rooms of 19½ x 17¾ by Cross walls one room for liquor the other for Issuing, the Door between present liquor room & new one to be widened to 9 ft. the entrance door to new liquor room to 6 ft. and the 2 Doors taken from these places used for Doors in Cross wall a Beam to be given under the wall plate where the opening is to be between liquor Rooms &

In the large liquor and the Issuing rooms the pillars to be taken down & the Rafters supported by Beams where the Pillars now are

The remainder of the Men's room to be lengthened 29½ ft. the end Windows and Doors to be removed and the Windows converted into Doorways

A Verandah 5 ft. clear with 1½ ft. Pillars to be given to this portion of the Building.

The roof of the Men's room to be dismantled walls & Pillars raised 1 ft. to afford sufficient height for the Verandah and King post Trusses as per Plan given instead of present Beams. The old Rafters between the Pillars and

and walls being used for the narrow Verandah as they are slightly decayed near the wall. new Rafters 6"x3" being given in their stead.

The floor of the broad Verandah to have an inter slope of 4 Inches to keep it dry the floor being level with the Basement of the old Building on the inside.

The floor of narrow Verandah to have a slope of 3 Inches the top of the Floor inside being level with the bottom of the Basement of the Building

The ground round this portion to be lowered so as to give a Basement of 1ft. to the new Verandah.

The whole of the masonry to be of Laterite stone in Chunam Walls & Pillars, above and outside of Basement being plastered with Chunam.

Inside Pillars of Room to have pillar-plates 4 Inches thick those of Verandah 2 Inches.

The Windows of the Liquor room to be Iron grated with Batten shutters Iron Hooks & Hinges, and Iron Works for fastening.

The new door for Do to be Batten with Iron Hooks & Hinges 2 Eight Inches Iron Bolts for fastening and an Iron Cross Bar pivoted to the Frame on one side & fastened to a staple with a padlock in the other in addition.

The Windows of the Corporals room, Sergeants Mess & Men's room to have glazed shutters inside Batten outside the old Windows to have the necessary additions made.

The new Batten Shutters to have Iron Hooks & Hinges, and the glazed Braces Butt Hinges with Iron Hooks for fastening them.

The Doors of the Men's room to be half panelled half glazed with Iron Hooks & Hinges, and fastened with 2 Eight Inches Iron Bolts the Front Door having an Iron Cross Bolt and Padlock in addition.

The whole of the Woodwork for Roof & Frames for Doors & Windows to be of Sprool or Kurramuntha.

The Batten Shutters to be of Sprool or Kurramuntha. Glazed shutters of Ayany or Kurramuntha.

The floor of the Liquor Rooms to be of 3/4 Inch of Asphalte boiled with an equal weight of Sand over a course of Laterite stone in Chunam.

Remainder of floor to be of Catch stone laid in 1872-73.

ground well rammed.

The Roof to be of King post Trusses, Rafters 1 3/4 ft. apart. Reepers 3 Inches apart, Nails. Double pan tiles and Hips & Ridges of Mangalore Ridge Tiles.

The Edge Reepers to be 4"x2" three inches of which will be reduced to 1 Inch thick so as to give a hold for the Chunam the bottom Tiles will be laid in.

Scale of Quantities & Estimate of the Cost of Alterations & Additions to the Canteen at Fort St. George.

Measurement L.	ft.	d	Sql. Contents	Cubl. Contents	Particulars of Work	Rate	Amount of each Article	Amount of each Work	Explanation of the necessity &c	By whom recommended.
480	3	3		4320	Foundations to Verandah					
13	3	3		117	" to 2 Crop " Walls for Bathroom					
53 1/2	3	3		481 1/2	" " Crop walls Liquor Room					
97 1/2	3	3		877 1/2	" " New part of Mens room					
12	3	3		108	" " 4 Pillars in Do					
480	2 1/4	1		1080	Basement to Verandah					
14 1/2	2 1/4	1		32 5/8	" to Crop " walls for Bathroom					
55	2 1/4	1		123 3/4	" " Crop walls of Liquor Room					
98 1/4	2 1/4	1		221 5/16	" " New portion of Mens room					
9	2 1/4	1		20 1/4	" " 4 pillars in Do					
30	1 1/2	8		360	20 Pillars above Western end of Building					
33	1 1/2	6 1/2		321 3/4	22 " " Verandah Mens room					
				8605	Carried fo					

and p		67	1½	8	8063½ Brought Up.		
given		16	1½	10¾	206		
					258 } Verandah room walls excl gps.		
		19½	1½	19½	570½ Centre Wall Liquor room & Ipsuing room		
the N		40	1½	16½	870 Crop " " " " " including		
					gable & pilasters.		
of th		17½	1½	1	258 Raising old walls & Pillars Men's room		
		99	1½	9½	1410¾ Wall new portion of Men's room.		
		6	1½	16½	130½ Pillar — Qty.		
		8	1½	7	84 Closing 2 Doorways		
bein		70	1	1½	105 steps		
		10	6	1¼	50 Ramp		
for		40	1½	5	300 Gable new addition to Men's room		
					12306½ Qtt. of Laterite in Chunam		
Ja					420 Deduct 7×7×4×1½ + 6×6×3½×1½		
					11886½ Total Qtt. of Laterite in Chunam	18 " " 100ft	2139 11
		6800			" Qgft of Plastering with Chunam	2 " " Qgs	136 "
					Woodwork		
		17	9"	6	38.3." 6 Tie beams		
		9½	6	6	12. 1. 4 12 Principal Rafters each		
		4½	6	3	4. 2. " 12 Struts		
		6½	9	6	16. " 9 6 King posts		
		1½	1½	4	" 7. 6 10 Wall plates		
		1½	1½	2	11. 3. 9 42 " "		
		The floor			" " " "		
		Laterite stone in Chunam			" " " "		
		Flag pav			At 1 Sqr ft " " " "		
		144	4	7	28. " " 1 Summer over Pillar meider new Room old Tie beam to form the other five purlins Mens room		
		72	5	7	17. 6. " 1 Ridge Beam		
		16½	3	6	163. 1. 6 90 Rafters between Pillars & wall of Mens and Liquor Room &c		
		10	3	5	31. 3. " 30 " " " Centre of new part of Mens room		
		489	5	7	118. 10. 3 1 Pressmimers for Verandah		
		14	3	5	87. 6. " 60 Rafters for Verandah Western side of Building		
		11	31	5	68. 9. " 60 " for remainder of Verandah after deducting 60 old ones from Mens room outside of Pillars.		
		16	4	7	18. 8. " 6 Hips & Valley Rafters for Verandah		
		14½	4	6	4. 10. " 2 " " " for " "		
		153	3	5	15. 11. 3 Wale plates		
					633. " 8 Total Qtt. of Woodwork	14 " Qtt.	791 52
					Fitting 60 old Rafters of room for new Verandah	" 2 " each	7 8 "
					Fitting 5 old Tie beams as pinner Summer new Mens room	1 " "	5 " "
		37	29½	1091½	Flor new Room		
		238	6½	1547	" Narrow Verandah		
		193	9½	1833½	" Verandah Western side of Building		
		14	8	112	" Bath room		
				4584	Qgft of Flooring with Catch stone Flag laid on a coat of 2 inches of Chunam with a coat of Katti Gravel well rammed underneath	40 " " Qgs	1833 9 7
					Carried Up		4912 8 8

a				Brot forwd			4912	8 8
9	14	14	196					
	9	1½	13½	} Liquor Rooms				
c	19½	17¾	346⅛					
			555⅛					
				Sqre ft. of Flooring with ¾ Inch of Asphalt over a Course of Laterite in Chunam	35	" " Sqre	194	7 6
d	60	46	2760	Sqre ft. of Roofing with old Reepers & Pantiles as far as serviceable to old portion of mens room	6	" " "	165	9 7
	40	64	2560	New part of mens room & Verandah attached				
	104	9	936	New Verandah to old part of mens & Liquor room				
	185	13	2405	Verandah western side of Building				
			5901	Total Sqre ft. of Roofing with Reepers Nails double Pantiles & Mangalore Tile Ridge	16	" " "	944	26
				Dismantling Roof of mens room & replacing Timber			40	" "
	7	4		7 Half Pannelled Half Glazed Doors with Frames Hooks & Hinges & Bolts Complete	30	" " each	210	" "
	4	3½		4 Windows with glazed & shutters inside Battin outside with Frames Brass Hinges & Hooks Complete	25	" " "	100	" "
	4	3½		13 Pairs of Glazed Shutters for old Windows with Brass Hinges & Hooks for fastening Complete	14	" " "	182	" "
	7	6		1 Batten door for Liquor Room with Frame Iron Hooks & Hinges Bolts & Cross Bolt staple & Padlock Complete	20	" " "	20	" "
	4	3½		2 Iron grated Batten Windows with Frames Iron Hooks & Hinges & Hooks for fastening Complete	22	" " "	44	" "
	19½	3		1 Counter for Issuing room			30	" "
				Facing Ramp with Cut stone			10	" "
				6 Sets of Straps Bolts for Trusses	5	" " each	30	" "
				Excavating Foundation & Levering ground Building where required			50	" "
				Total			6932	12 3
				Sundries & Superintendence	10	" " Cent	693	3 9
				Total Estimate Rupees			7626	" "

Cannanore
5th Lt. Co.
October 1892

B. Bailey Captain
Executive Engineer, Cannanore Range
Malabar

D. Anderson Brig. General
Commanding Mal. & Can.

W. Hancock Lt. Colonel R.E.
Superintending Engineer S.D.

No. 169 Supg Engineer's Office,
7th Division
Coimbatore 26th Oct 1872

From, The Supg Engineer,
7th Dn

To, The Secretary to Govt
P.W.D. Madras

Sir, I have the honor to forward for sanction, a plan and estimate, amounting to Rs 7,450, for additions to the Canteen of Her Majesty's 89th Regiment at Palamcottah, which have been duly approved of by His Excellency the Commander-in-Chief

2 The above work is entered in the Imperial Fund Budget of the Malabar District for 1873/74

I have the honor to be,
Sir,
Your most obt Servt

W Marshall Lt Col R.E.
Supg Engr 7th Dn

Enclosures
1 Plan
1 Estimate Rs 7,450
No 12 of 1872/73.

P.W.S. 215/72.

Estimate for the Construction of additional Canteen accommodation for the Detachment of Her Majesty's 89th Regiment at Palamcottah

Rs 7,450

Copy of letter from the Supg Engineer 7th Division to the Secretary to Govt P.W.D. Madras No 169 dated 26th October 1872.

P. W. 1872 Depart

From No 5215.

The Supg Engineer

7th Dist

To

The Secretary to Govt

P.W.Depart.

Madras

No 169

Dated 26th October 187

Rec'd 28th Do

Enclosures

Forwards for sanction

Plan and Estimate

Rs 7540 for additions

the fifteen of N. Inf

89th Regt at Cannanore.

No 27 dated 19th "

With an Order.

Submitted

Recommended.

Sanctioned.

Superintg Engr 7th Dist

Coast Batteries Bengal

Brig. Madras R.A.

Dec 20/1872

6 11th Nov 1872 Order issued to Colly of Cannanore

No 5215.

Govt. of 1872. Madras.

PUBLIC WORKS.

Superintending Engr
7th Division

Encl. 2

Recd. 19 Nov 1872. 2715

Nos 2968 & 69

Canteen Returns.

1,450 Rounds Returns of the Canteen of Nos 89 Regt at Lawrence, Sanctioned.