174

17

Archives I—10,006—16-8 77.

(1) Number of pages 34
(2) Date of repair 11/11/86
(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. DEPARTMENT

G.O. No. ~~B.P. No.~~	1334 (W)	Press. ~~Mis.~~
Dated	10-5-1879	~~197~~.

Not to be folded or roughly handled

1334
2

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

10th May 1879, No. 1,334 W.

Buildings and Roads.
Military Works.

Read the following paper :—

No. 59. From the Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 20th April 1879, No. 1,087-257.

I HAVE the honor to submit, for sanction and provision of funds, the estimates as per margin for the temporary arrangements ordered to be carried out for the shelter of the European detachment at Maliyapuram in the Calicut Division, in G.O., Nos. 861 W. and 938 W., dated the 21st and 27th ultimo, respectively.

One estimate and specification for covered passage, &c., Rupees 1,590.
One estimate, plan, and specification for out-offices, Rupees 553.
One tracing of cantonment.

2. The Executive Engineer reports that the work has been carried out with the exception of tatties to convert skittle alley into a mess-room, covered passage to canteen and drying room, and the drying room which are nearly completed.

No. 60. ORDER THEREON, 10th May 1879, No. 1,334 W.

THE following plans and estimates submitted by the Superintending Engineer, Fourth Circle, are sanctioned :—

	RS.	Register No.	
1. Constructing covered passages for the detachment of European Infantry at Maliyapuram.	1,590	$\frac{4}{1}$	B of 1879-80.
2. Constructing temporary out-offices for ditto ...	553	$\frac{4}{2}$	
Total ...	2,143		

2. Out of the estimated amount of Rupees 2,143, Rupees 614 were expended in the last official year, and the balance Rupees 1,529 was appropriated in the orders noted below :—

	RS.
No. 976 A-W., dated 31st March 1879	1,000
,, 1,199 W., ,, 22nd April ,, ...	529
Total ...	1,529

3. The sanction accorded in paragraph 1 of these Proceedings has been sanctioned as Imperial and numbered as shown above.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle.
,, Examiner of Public Works Accounts.
,, Military Department.

Exd. C. Howarth.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1879) Madras.

PUBLIC WORKS.

To

The SUPERINTENDING ENGINEER,
FOURTH CIRCLE,
&c., &c., &c.

Dated May 10th.

Issued

Recd. Encl.

G. O., 10th May 1879, No. 1,334 W.

MAY.

Nos. 59-60.

Barracks at Maliyapuram.—Sanctions plans and estimates for providing—.

C/293/79

CALICUT DIVISION **MALABAR DISTRICT.**

Estimate of the probable expense of Constructing Covered passages for the use of the Detachment European Infantry Malliapooram and enclosing the skittle alley with Tatties to make it available for a Mess Room.

Talook.	Name of work.	Number.	Measurts: Length.	Measurts: Breadth.	Measurts: Depth.	Sup: Conts:	Cub: Conts:	PARTICULARS OF WORK.	Rate.	AMOUNT. Article.	AMOUNT. Work.	Explanation of necessity of work.	By whom recommended.
Ernaad	Constructing Covered passages for the use of Detachment European Infantry at Malliapooram	30	"	"	"	"	"	Passage from Block of 14 Married Quarters to skittle alley — 174 Rft				To enable the men to move about during the rain without getting wet	Executive Engineer Calicut Division
		10	"	"	"	"	"	Do. 10 to join last passage 53					
		40	"	"	"	"	"	skittle alley to guard Room — 229					
		28	"	"	"	"	"	Orderly Room to Cook Room which is to be used as a drying Room — 155					
		54	"	"	"	"	"	skittle alley to Reading room — 318					
		32	"	"	"	"	"	Reading Room to Latrine — 173					
								Total Rft — 1102					
		194	10	8"	4"	"	431-1-4	cft of Wood work for Posts	1 4 . cft	538 14 2			
								Carried Over		538 14 2			

1334

						Brought Forward					538	14	2
	1102	14	"	15428		Total sqft of thatched Roofing including Wall plates Ridge beam &c	4	8	"	100 sqft	694	4	2
	230	6	"	1380		sqft of Mat Tatties for enclosing skittle alley Do	3	"	"	100 sqft	41	6	5
						Giving thatched Verandah to arrack godown							
12	10	8"	4"	"	26-8	cft of Wood work for Post Do	1	4	"	cft	33	5	4
2	55	9	"	990		sqft of thatched Roofing complete including summers &c	4	"	"	100 sqft	39	9	7
2	4	4	"	"	"	Grated Batten Windows Complete	25	"	"	each	50	"	"
						Giving thatched Verandah to Hospital store Room to make it available for quarters for Commissariat Serjeant							
	158	9	"	1422		sqft of Thatched Roofing Complete Do	4	"	"	100 sqft	56	14	1
14	10	8"	4"	"	31-1-2	cft of Wood work for Posts	1	4	"	cft	38	2	2
						Closing front of single mens Cook room to answer as a Drying Room							
	42	8	1½	"	504	cft of Mud Wall Do	3	"	"	100 cft	15	"	11
	8	3	"	"	"	Rough Batten Door with Frame Do				each	8	"	"
						Total					1515	8	10
						sundries and superintendence					74	7	2
						Total amount of Estimate Rupees					1590	"	"

Calicut Division office
Calicut 21st March 1879

H. Bailey Captain
Executive Engineer

1334

Brig General
Commanding Malabar & Canara

Major R.E.
Supdg: Engineer 4th Circle
23-4-79

Central office
25-4-79

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D. P. W.

Calicut Division

MALABAR DISTRICT

Dated 21st}
Received ......} March 187

Estimate and Specification for Constructing Covered passages for the use of the Detachment European Infantry at Malliapooram and enclosing the skittle alley with Tatties to make it available for a Mess Room.

Amount of Estimate Rs. 1590-0-

Pro 9 10-6-77 No. 1334W

1/3381/79

CALICUT DIVISION **MALABAR DISTRICT.**

"Imperial" "Ordinary" "Military" Minor New Work

Estimate of the probable expense of Constructing Temporary Out Offices for the European Detachment at Malleapooram.

Talook.	Name of work.	Number.	Measurts: Length.	Breadth.	Depth.	Sup: Conts:	Cub: Conts:	PARTICULARS OF WORK.	Rate.	AMOUNT. Article.	Work.	Explanation of necessity of work.	By whom recommended.
Ernaad.	Constructing Temporary Out Offices.							Temporary Latrine for men in Guard Room, [illegible] and Orderly Room.					Divisional Officer.
			48	$1\frac{1}{2}$	$2\frac{1}{2}$	"	180	Foundation & Basement.					
			48	$\frac{3}{4}$	7	"	252	Walls above.					
		2	10	$\frac{3}{4}$	$2\frac{1}{2}$	"	$37\frac{1}{2}$	Do					
						Total	$469\frac{1}{2}$	cft.					
	Deduct	"	7	3	$\frac{3}{4}$								
		3	$1\frac{3}{4}$	2	$\frac{3}{4}$	=	$23\frac{5}{8}$	Doorway &c.				1334	
						Net Total	$445\frac{2}{8}$	cft of laterite in clay and plastered inside.	@ 12 " " $\frac{100}{\text{cft.}}$		53 8 1		

Brought forward ———— 53 81 x

15 10½ " 157½ Sq: feet of thatched roofing complete —— @ 5 " " sqre 7 14 " " x

Seats for Privy. ———— 5 " " x

Excavating foundations and filling basement. ———— @ ———— 2 " " x

Total Rupees: 68 61 x

Superintendence and scaffolding @ 5 per cent. ———— 3 9 11 x

Total Amount of Estimate Rupees. 72 " " x

Temporary Out Houses for Hosp.

Latrine

44 1½ 3 " 198 x Foundation & Basement.

44 ¾ 7 " 231 x Walls above. ————

2 8½ ¾ 2¼ " 28¾ Gables. ————

Total 457¾ x cubft. ————

Deduct { 7 3 ¾ " / 2 1¾ 2 ¾ " } 21 x Doorway &c. ————

Net Total 436¾ x cubicft of laterite in clay mud plastered inside @ 12 " " $\frac{100}{\text{cft}}$ 52 6 6 x

12 18 " 216 x Sq: feet of thatched roofing complete ———— @ 5 " " sqre 10 12 10 x

Seat for Privy —— @ ———— 5 " " x

Excavating foundation & filling in basement. @ ———— 2 " " x

Total Rupees. 70 3 4 x

Sundries & Superintendence ———— 3 12 8

Total Amount of Estimate Rs. 74 " " x

1334

Cook room.

53 1½ 3 " 238½ Foundation & Basement.

53 ¾ 8 " 318 x Walls above. ————

556½ x Carried over ———— 146 " " x

	556½ x	Brought forward		146 " " x
2 11½ ¾ 2½ "	43⅛ x	Gables		
Total	599⅝ x	Cubic feet		
Deduct: 7 3 ¾ "	15¾ x	Doorway		
Net Total	583⅞ x	Cubic feet of laterite in Clay mud plastered inside	@ 12 " " $\frac{100}{}$ cft.	70 1 " " x
		Woodwork.		
11½ 9" 6" "	4 5/16 x	Beam		
3½ 4" 4" "	7/18 x	King post		
Total	4 101/144 x	Cubic feet of woodwork wrought and put up	@ 1 4 " cft.	5 14 " x
16½ 18 "	297 x	Sq: ft of thatched roofing complete	@ 5 " " sqe	14 13 7 x
		Fire places		5 " " x
1 7 3 " " "		Batten Door complete @		16 " " x
15 10 "	150 "	Sq: ft or 1½ squares of ceiling with bamboos & mud to prevent thatch roof taking fire	@ 5 " " sqe	7 8 " x
		Excavating foundations & filling in basement @		2 " " x
		Total Rupees.		121 4 7
		Sundries & Superintendence @ 5 p.c.		6 11 5
		Total amount of Estimate	Rupees	128 " " x

Making a Bathroom
in Verandah of Hospital

32 8 "	256 "	Sq: ft of mat walls with wooden frames complete	@ 4 " " sqe	10 3 10 x
		Total Rupees.		10 3 10 x
		Sundries & Superintendence		" 12 2 x
		Total Amount of Estimate Rs.		11 " " x
		Carried over		285 " " x

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16

					Brought forward		285 " " X
					Skittle Alley.		
16	12	1 diam.			Posts including fitting and putting up.	@ 6 " " each	96 " " X
5	15	8"	5"	20-10-" X	Beams.		
5	5.	6"	4"	4-2-" X	King posts.		
	45	6"	4"	7-6-" X	Ridge beam.		
	150	6"	4"	25-"-" X	Summers.		
				Total 57-6-"	Cft of woodwork wrought & put up	@ 1 4 " cft.	71 14 " X
					Excavating foundations and filling Basement	@	5 " " X
					Taking up Skittle frame from old Skittle alley & refitting in this	@	20 " " X
56	28	"		1568 X	sq: ft of thatched roofing complete	@ 4 " " 100 sq.ft.	62 11 6 X
					Total Rupees		255 9 6 X
					Sundries & Superintendence @ 5 p.c.		12 6 6
					Total Amount of Estimate Rupees		268 " " X
					Grand Total Amount of Estimate Rupees		553 " " X

Calicut Divisional Office
Calicut 7th April 1879.

W Bailey Captain
Executive Engineer

E H Harton

Brig General
Commanding Mal & Canara.

Ex.d
J. A. H.
W.R.

1334

Supg Engr Office 4 Circle
23 April 1879

P Maly Major R.E.
Supg Engr 4th Circle

D. P. W.
Calicut Division
MALABAR DISTRICT

Dated 7th } April 1879
Received .... }

Estimate and Specification for Constructing Temporary Out Offices for the European Detachment at Malleapooram

Pro. of 10-5-79 No. 1334 Mr

Amount of Estimate Rs. 553 —

1293/79

Specification to accompany Estimate for fixing Covered passages &c. for the use of the European Detachment at Malleapooram.

1334/8

Amount of Estimate Rs 1590.

A Covered passage to run from the large block of married quarters to the skittle alley which will be joined by one from the small block, from the eastern end of skittle alley another will run to the Guard Room and from the end of the orderly room to the Cookroom which will be used as a Drying Room, another to run from the skittle alley to the Reading Room and from the Reading Room to the Latrine.

These passages to be formed of wooden posts 10 feet long let 2½ feet into the ground with Runners, Cross beams, King posts & ridge beam of nut trees, bamboo rafters and reapers tied with coir rope & to be thatched with cadjans & grass.

To enable the Arrack Godown to be made use of as a Barrack Room, 2 grated batten windows 4'×4' to be given in front and a thatched Verandah 7 feet broad put in front and rear to shelter the Building, the verandah to be composed of the same materials as the covered passages.

The Skittle alley to be enclosed by mat tatties to enable it to be used as a Mess Room.

The Commissariat Sergeant lives in two of the married Quarters, these being required for the men of the Detachment, the new Hospital Store Room will be completed as per Estimate and a thatched Verandah put all around it part of the Verandah being enclosed by mat tatties to answer as a Bathroom.

The front of the single men's

Cookroom which is not required to be closed by a mud wall so as to make it available for a drying Room, A rough batten door being given in the mud wall.

The windows for Arrack Godown to be divided in the centre by a bar 4"×3" & to have 4 one inch iron bars on each side of it, the same as present windows.

The windows to be of junglewood throughout & fitted with iron hooks, & hinges & Iron hooks and eyes complete.

H. Bailey Captain
Executive Engineer
Calicut Division

Calicut Division Office
Calicut 21st March 1879.

Major R.E.
Supg. Engineer
4th Circle

Vide letter from the Supdg. Engineer, Fourth Circle, to the Chief Engineer P.W.D. No $\frac{1087}{257}$ of 20th April 1879

Estimate and Specification for covered passage &c.
Rs 1590

2/3381/79

1334/12

Specification for Temporary out offices at Malleapooram.— Rs 553.

Latrine for Guard Room Arrack godown &c.

The Building is to be of the dimensions given on accompanying plan

The foundation of walls to be 1½ ft deep and basement one foot high with walls above 7 ft high and ¾ ft thick

The breadth of foundation and basement to be 1½ feet

3 openings (1¾' × 2') to be made in the rear wall as shown on plan.

The walls to be built with laterite in clay and mud plastered inside

The roof to be gabled and to consist of bamboo rafters & reepers Cadjans, Coir rope &c.

Seats to be provided as shown in the Estimate

Latrine for Hospital.

This latrine to be built according to the dimensions shown on accompanying plan

The masonry, roofing & plastering &c. are to be as specified for that belonging to the Guard Room &c. except that the height of the basement will be 1½ ft and 2 openings left in the rear wall as given in the plan

Cook Room for Hospital } This building is to be 15 feet long and 10 feet broad with walls 8 feet high having a basement 1½ feet high and foundations 1½ feet deep

The breadth of foundations and basement to be 1½ feet

The walls to be built with laterite in clay & mud plastered inside=

The roof to be gabled and to consist of a King post truss ridge beam, bamboo rafters reepers & Cadjans &c.

A batten door (7' × 3') to be fitted in the front wall and fire place to be provided as shown in the Estimate

A ceiling made with bamboos and mud to be put up, to prevent the thatch roof taking fire

Bathroom in Verandah of Hospital } A portion of the Verandah of Hospital to be enclosed by mat walls with wooden frames to answer as a Bathroom.

Skittle Alley; The Building to be 60 feet long and 15 feet broad & to be constructed according to the accompanying plan.

1334/14

The roof will be supported by 16 posts 1 foot diameter let 3 feet into the ground over which and notched into their tops will be placed bressummers and on the bressummers will come the roof consisting of 6 King posts trusses, ridge beam, bamboos Cadjans &c.

The timber used to be well seasoned Irool & Karumarudu free from flaws & other defects

The floor to be raised 1 foot above ground level.

The skittle frame in the old skittle Alley to be removed and refitted in this

After the completion of work all rubbish &c to be removed and the place left clean.

H. Bailey Captain
Executive Engineer

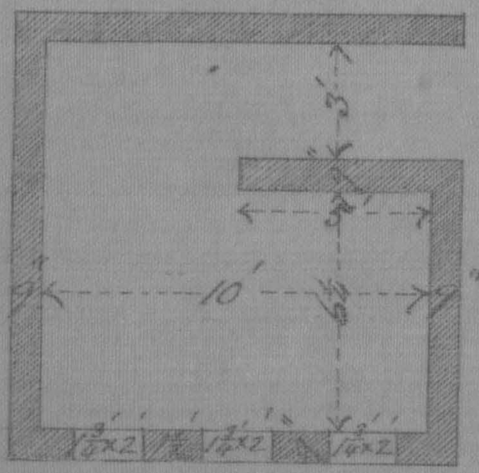
Calicut Division Office }
7th April 1879

3/3381/79.

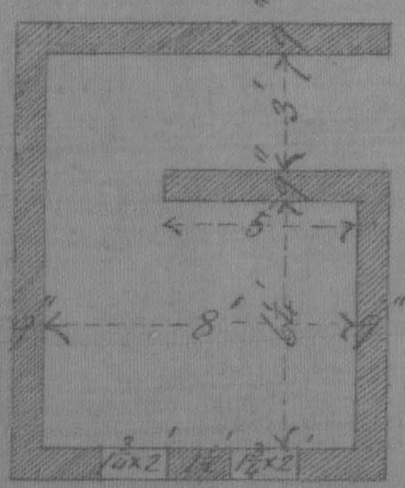
Plan of Temporary Out Offices for the European Detachment, Malleapooram.

1334/13

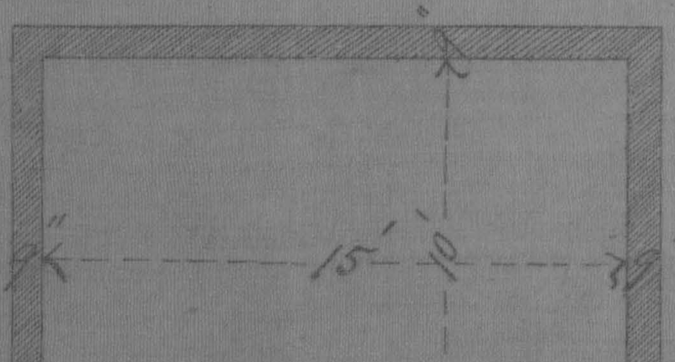
Latrine for Guard Room, Arrack Godown &c.



Latrine for Hospital.

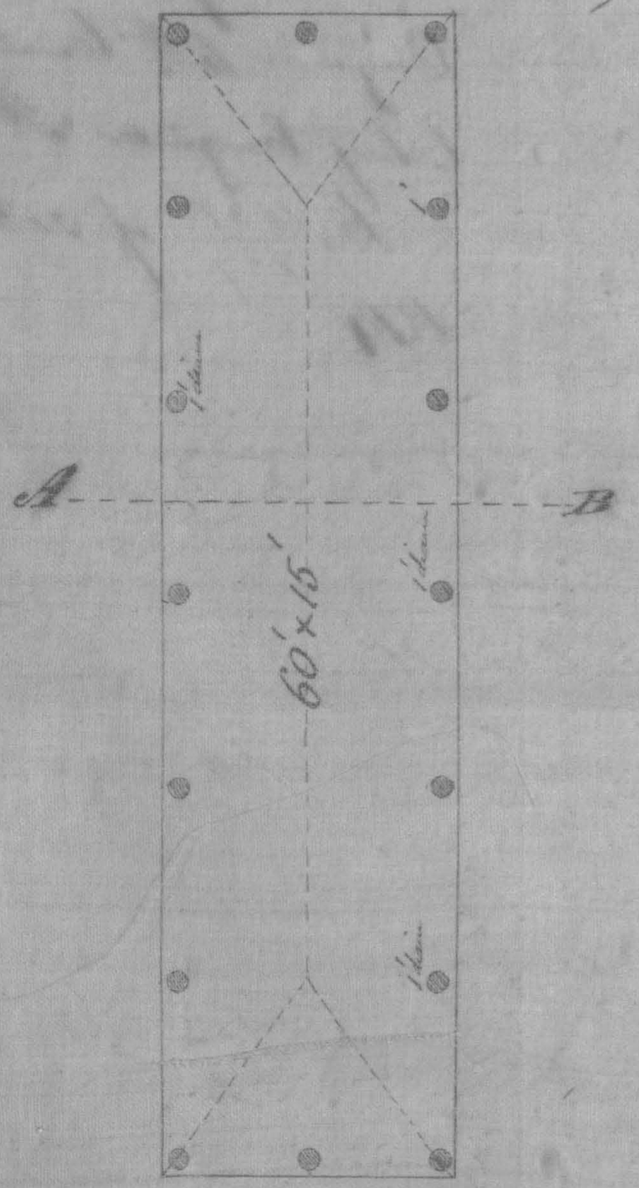


Cookroom for Hospital.

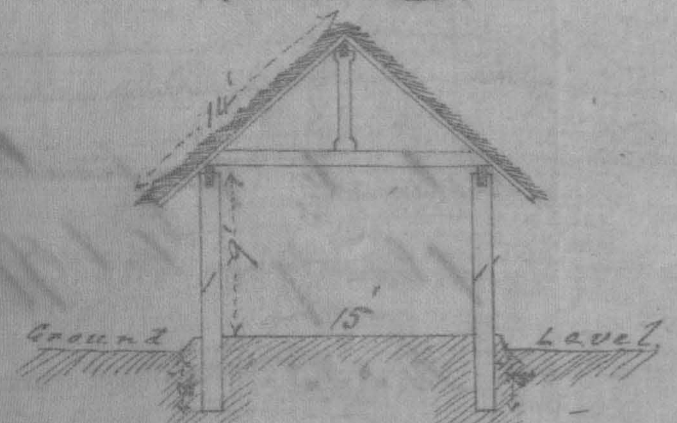


Scale 5 feet to an inch.

Plan of Skittle Alley.



Section "AB"



Scale 10 Feet to an inch.

W Bailey Captain
Executive Engineer.

Henry Herbert Major
Dy Asst Adjt General M.D.

Calicut Division Office
Calicut April 1879

In a letter from the Supg. Engineer 4th Circle, to the Chief Engineer P.W.D. No. 1087/257 of 20th April 1879

G.O. No 1334 W
10-5-79

In Procg 10-5-79 No. 1334 W

Estimate, Specification & plan for Out Offices
Rs. 553

No. 1087/257

Supg. Engr's Office, 4th Circle
Coimbatore 20th April 1879
Despd. 24th Do.

1334/W

Duly noted

From

The Superintending Engineer,
4th Circle.

To

The Chief Engineer
P.W.D.

Sir,

Enclosures.
1 Estimate and Specification for Covered passage &c. Rs. 1590
1 Estimate, plan & Specification for Out Offices. Rs. 653.
1 tracing of Cantonment.

I have the honor to submit for sanction and provision of funds, the estimates as per margin for the temporary arrangements ordered to be carried out, for the shelter of the European detachment at Mulliapooram in the Calicut Division, in G.O. Nos 861 W and 938 W dated the 21st and 27th ultimo, respectively.

2. The Executive Engineer reports that the work has been carried out with the exception of tatties to convert Skittle alley into a Mess Room. Covered passage to Canteen & drying room, and the

drying room which are nearly completed

I have the honor to be

Sir

Your most obdt servant

1334/13

G.O. No. 975 W. 31-3-79
" " 861 W. 21-3-79
Mis. " 938 W. 27-3-79

Ts

From

The Supg Engineer
4th Circle

To

The Chief Engineer
P. W. Department
Madras

Dated 20th April 1879

Enclosures 3

No. 1087/257

Pro: of 10-5-79 No. 1334 W.

European Detachment
at Malleapuram

Submits for sanction and provision of funds the estimate plan &ca for the temporary arrangements ordered to be carried out for the shelter of the —

Cir 1.5.79. Retd 8.5.79.
To Osty 28-4-

No. 1334. W. P. W. D.

1334/16 B&R

Pro: of the Madras Govt. Misy work

Under date the 10th May 79

Read the following

From The Supg. Engr. Fourth Circle } (H. E. No. 1087/257 d/ 20th April 79)

The following plans and estimates submitted by the Supg. Engineer Fourth Circle are sanctioned.

1. Constructing covered passages for the detachment of European Infantry at Maliyapuram ———— Rs 1590. 4/1
2. Constructing temporary out offices for ditto ———— " 553. 4/2

2143.

Register &c. N. 1878-79-80

2 — Out of the estimated

amount of Rs 2143, Rupees 614 were expended in the last official year, and the balance Rs 1529 was appropriated in the orders noted below

No. 976 A–W d/ 31st March/79	Rs	1000
" 1199 W — " — 22nd April —	"	529
		1529

The sanction accorded in para 1 of these Pro: has been sanctioned as Imperial & numbered as shown above. 28/4

[redacted]

30/4/79

Wd 25/4

Cir 1.5.79. Rtd 8.5.79.

Lo Dsty 28-4

S.E. Fourth Circle 6

Ex. P. W. Accts: with abstract estimate

Military Dept. 11th

Despd 19-5-79 17th

Co 3340

Govt. of {1879} Madras.

PUBLIC WORKS.

13/8

To

Dated

Issued

Recd. Encl.

G. O., 10 May 1879, No 1334 W

Nos. 59-60-

Barracks at Malaya pass

Sanctions plans & Estimat

for providing.

6