

(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.	185	Press
3784383,		Mis.
Dated	20-1-	1873.

Not to be folded or roughly handled.

12

*Proceedings of the Madras Government, Public Works Department,
20th January 1873.*

Read the following letters:—

No. 378. From the District Engineer, Vizagapatam, to the Chief Engineer, Public Works Department, dated Waltair, 16th December 1872, No. 40.

IN reply to your memorandum No. 12 of 5th instant,* I have the honour to inform you that 5,000 Rupees are available for transfer to other works from the year's allotment for the Native Infantry Hospital at Vizagapatam.

* Received 14th.

2. This was reported to the Superintending Engineer in the Executive Engineer's letter No. 91 of 1st October 1872.

3. The work was commenced in August and was much delayed by the rains in September, October, and November. The expenditure up to 30th ultimo was Rupees 3,893-4-9; in this month alone it will probably amount to Rupees 3,000; and it is estimated that it will be possible in the following three months to expend about 10,000 Rupees more, making a total of 17,000 Rupees out of the original grant of Rupees 22,000.

4. I take the opportunity of bringing to your notice that the sanction of Government to one of the buildings—the ward for infectious diseases—has not yet reached me. I was informed orally by the Superintending Engineer that he had submitted a revised plan and estimate for it; but, as the district records have not yet reached me, I am unable to give the number and date of the covering letter.

No. 379. From the District Engineer, Tinnevely, to the Secretary to Government, Public Works Department, dated Palamcottah, 30th December 1872, No. 14.

I HAVE the honour to inform you that as up to this time I have not been called upon for estimates for any "Minor New Works Military" for which there is an assignment of Rupees 500 to this district, this sum is available for transfer to any other district in which funds may be required under the above head of service.

No. 380. From the Officiating District Engineer, Malabar, to the Chief Engineer, Public Works Department, dated Malabar, 26th December 1872, No. 9.

I HAVE the honour to forward, for sanction and provision of funds, an estimate, amounting to Rupees 1,114, for arm-racks for rifles for the 9th Regiment, Native Infantry at Cannanore, duly approved by His Excellency the Commander-in-Chief.

No. 381. From the Officiating District Engineer, Malabar, to the Chief Engineer, Public Works Department, dated Cochin, 27th December 1872, No. 13.

I HAVE the honour to forward herewith for sanction a plan and estimate of Rupees 650 for constructing new rifle ranges for the Native Infantry Regiment at Cannanore which have been duly approved by His Excellency the Commander-in-Chief.

S. S. S. S.

*Proceedings of the Madras Government, Public Works Department,
20th January 1873.*

No. 382. From the District Engineer, Presidency, to the Chief Engineer and Secretary to Government, Public Works Department, dated Fort St. George, 2nd January 1873, No. 2,721.

WITH reference to the Order of Government, Public Works Department, No. 253, dated 27th August 1872, I have the honour to submit for sanction a plan and an estimate of Rupees 12,450, together with a specification report,

1 Plan.
1 Abstract Estimate.
1 Specification Report.

for constructing three new Magazines on the standard design for the three Native Infantry Regiments stationed at Perambore, Vepery or Poodoopett, and Royapooram, and to request that you will be so good as to allot a sum of Rupees 3,000 for expenditure in the current official year on the three Magazines from any source at the disposal of Government.

2. The balance of the estimate, namely, Rupees 9,450,* may be entered in the Budget of 1873-74.

* Rupees 12,450
" 3,000
" 9,450

3. The project has been approved of by His Excellency the Commander-in-Chief.

No. 383. ORDER THEREON, 20th January 1873, No. 185.

MILITARY WORKS, No. 11.

THE Government sanction the following estimates, and resolve to allot the funds required for the works from the

sum of Rupees 5,000 surrendered by the District Engineer, Vizagapatam, in his letter above recorded :—

	Estimate.	Grant.
	RS.	RS.
Arm-racks for rifles of 9th Regiment, Native Infantry at Cannanore	1,114	1,114
New Rifle Ranges for the Native Infantry Regiment at Cannanore.	650	650
New Magazines for three Native Infantry Regiments at Perambore, Poodoopett, and Royapooram	12,450	3,000

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Vizagapatam.
" " " Tinnevely.
" " " Malabar.
" " " Presidency.
" Controller of Public Works Accounts.
" Military Department.

Exd. E. C. Shunker.

No. 14 Tinnevely District Engineer's Office
Palamcottah 30th December 1872.

From,

The District Engineer

Tinnevely.

To,

The Secretary to Government
P. W. Department.
Madras.

Sir,

I have the honor to inform you that as up to this time I have not been called upon for Estimates for any "Minor New Works Military" for which there is an assignment of Rupees 500 to this District, this sum is available for transfer to any other District in which funds may be required under the above head of Service.

I have the honor to be,
Sir,
Your most obed^t Servant.
W. Randall
District Engineer

Dec 1855 - 20th Dec 1855

Having been told that
the sum of Rs 500
provided in the Budget
of 1853 under head
"General Revenue Building"
is available to be drawn
to the District.

Dated 30 December 1855
Received 30 Jan 1856

checked

To
The Secretary to Govt.
Public Department

Subscribed

From
The District Engineer

1855 1856
Sum of Rs 500
No 211

No 14 of 1852/73.

Estimate of the probable expense of giving arm's Packs for Rifles agreeably to the Standard Plan for the 9th Regiment
of M. P. Artillery
Packs to be of Corrobor Timber throughout 3 inch screws to be used as Ports for the catches in front of the Rifles
Corrobor Timber being likely to cracks when thin the thickness of the Rifle Packs has been increased to 2 inches instead of
1/8 as given in Standard Plan

Measurement	Depth	Cable	Particulars of Work	Price	Per Cent	Amount of Cash Expended	By whom
139	Contd	Contd	Giving Packs for 721 Rifles as follows, 680 in Place of Arms 30 for quarter guard & for Hospital guard and 7 for guard in Mess House	1	1036	1036	Regiment for the Rifle Co. &c
			Sundries & Superintendence about	78	779	779	Regiment for the Rifle Co. &c
			Total of Estimate of Packs			1815	Regiment for the Rifle Co. &c

Cannanore
22 November 1853

Approved Captain R.E. M. Hawley Captain
The District Engineer Malabar
Commanding Malabar
Executive Engineer Malabar

5/10
No. 9.

District Engineer's Office. Malabar,
28th December 1872-

From,

The Officiating District Engineer,
Malabar.

To, The Chief Engineer - A.P.W.
Madras.

Sir,

I have the honor to forward
for sanction and provision of funds an Estimate
amounting to Rs. 114-0-0 for Arm Packs for
Rifles for the 9th Regiment Native Infantry
at Cannanore duly approved by His Excellency
the Commander-in-Chief—

I have the honor to be,
Sir,

Your most obedt servant.

A. V. Rao Captain. P.E.
Offg. Dist Engineer Malabar.

7/16

93

Proceedings of a Committee held at Lammaore
 on the 19th August 1872 by order of Brigadier
 General J. Kitson Commanding the Province
 agreeably to War Orders No 3 of the 3rd August
 1872 for the purpose of determining if
 Native Infantry Ranges of increased length
 for the Snider Rifle can be constructed
 without affecting the efficiency of a Range
 for the British Infantry

President

Colonel E. H. B. Innes 9th Regt L.I.
 Captain R. D. Murray H. M. 89th Regt.
 Lieut. D. Campbell H. M. 89th Regt
 Instructor of Musketry

Captain H. Bailey, Executive Engineer, in attendance

The Committee having met agreeably to
 orders record their opinion ^{that} the desired
 object can be obtained without any
 considerable expense to Government

2 The Committee have had the advantage
 of the services of Captain H. Bailey whose
 plans of the Lammaore maidan
 is forwarded herewith -

3 Looking towards the Targets - the present
 800 yard distant firing point of the British
 Regiment (see black dotted lines) will require
 to be moved about 50 yards to the right
 as shown in blue lines

4 If the present 4 Targets are used
 those for Nos 3 & 4 Butts will have to be
 placed about 25 feet in front of their
 Butts, otherwise the Butts must be
 moved

5 The change of faces of Nos 1 & 2 Butts will
 be so slight they can be made whenever
 the Butts are being repaired

6 It will be observed that the Ranges of
 Nos 3 & 4 Butts have been reduced to
 600 & 400 yards respectively -

Do. of the 1st & 2nd Battalions
 of the 1st & 2nd Divisions
 of the 1st & 2nd Divisions
 of the 1st & 2nd Divisions

To,
 Military Engineer, L.I.
 Madras

1872.
 Butts 2 1/2 in.
 Dec 31

Encl: 1.

Forwarded to the
 for the 9th Regiment of Madras
 by authority of the Commanding

1872-20th Dec 1873.

7 The Present Native Infantry Ranges (350 yards) are shown in dotted lines.

8 The black lines show how, at least by periscope ^{yard} 600 Ranges could be made (the platform at A should be 14 feet high) without disturbing the present firing point of the British Regiment.

9 The Red Lines indicate the Ranges and Butts for the two Native Infantry Regiments which the Committee recommended.

10 From the 600 yard firing point B on the point of a ledge of rock the ground falls considerably towards A.

11 The Committee understand that owing to sickness, some days delay must occur, but for any estimate of the cost of the proposed changes can be furnished by the Executive Engineer, they therefore recommend that these proceedings should be forwarded in the first instance to Army Head Quarters for a decision regarding Paras 3 & 4.

President Mr. Manners Coll
(Tel. Off. 19 & 20 Regt. H. & J.)

Members, W. Murray, Capt. 89th Regiment

Mr. Atson, J. Campbell, 89th Regt.
Principal

Small, Malabar & Saurashtra

With reference to Fort Moller
to these papers, I am unable
to state as a fact that their Regt.
of the R. I. will henceforth be stationed
in Madras. But I can state that
the retention of this fine line
to me to be absolutely necessary
and that I have no intention
of advocating any reduction.
Then again as to the keeping
of Port of War - it is difficult to
say where this will be
kept. The recent rains have
however shown (if proof were
needed) that the keeping lines
are quite sustainable, that
we keep our soldiers there at
the risk of their health, and to

very great loss than
 lost and private property
 being constantly liable to
 destruction from floods
 therefore prep for the con-
 struction of the much needed
 New Lines -

No Sub
 22:50
News

Requests to return the estimate
 Plan & specification report
 for Rs 12450 for the construction
 of 3 magazines caused in G.O. Mr D
 A 185 of 20 January 1873, the same
 being required for reference in this
 office.

xx sent on the 29th September 1873
 To the Registrar
 Govt Secy. Mr D.
 J. Samanapany & Co
 Draughtsman & Co

87/2081
18.12.72

Proceedings of a
Comtee on Ranges
for Rifles,
Cannons
At 19th Aug 1872

No. 17 no 381.

Quantity	Description of work	Rate	Amount	Total
	No. 3.	Brought Over		3320
	Providing Lightning Conductors to the Magazine.			
220 lbs	Copper sheet weighing 8 1/4 lb at 17 lb per Rpt.	12	280 8	
1	Rolls Copper Rod weighing 15 lb.	13	10 9	
31	Rpt of brass	8	15	
	Cooly hire for fixing the Copper sheets with Copper nails		10	
	Digging trenches and filling in with Cinders & ash & 1/2 splints		20	
	Sundry Charges & Scaffolding &c		23 15	360
	No. 4.			
	Rail work for Ammunition boxes.			
	Detail for one box to contain 164 Ammunition Boxes on 6 Rpts			
32-1-3	Left Teak woods wrought and put up	2 13	90 4 8	
28	Left Copper sheet or casing to 1/2 inch or 1/4 inch		135	
34-8	Left Lining Teakwood plank 1" thick with screws made to the rails	30	104 6 5	
	Carpenters Cooly hire for putting up the frames of the Rail		10	
	Sundry Charges &c		5 4 11	
	18/19/73	From one Rail R.	235	
		do 2 do		470
		Total for 1 Magazine R.	470	
		Grand Total for 2 Magazines	12450	

First Lt. George

12th November 1872

Copied by
A. Morris Jones

Major Genl. L. A. B. St.
Executive Engineer President

Original

Abstract Estimate No. 456 of 1872-73.

Presidency District

No. 8 — Constructing a Magazine for each of the Native Infantry Regiments stationed at Perambore, Vepery or Poodooppett and Royapooram.

Quantity	Description of work	Rate	Amount	Total
No. 1				
One Magazine				
3930	Left Brick work in chumam	27	634 8 6	
47	do Flat arch work in chumam	34	9 12 8	
225	do Circular arch work in chumam to the ground Ventilators as per plan	30	53 14 6	
132	do Cornice work in chumam	36	28 14	
587 1/2	do Sinuscular arch work to the arched roof of the building	39	137 11 1	
	Centering do do 1/3		45 14 4	
600	Left Laying brick gully in chumam 3" thick & Curves of flat tiles and plaster 3 Cents to the top and Ceiling of the arched roof	21 1/4	121 4	
1600	do Plastering the walls with 3 Coats chumam	4 9	73	
350	do Plastering 3 Coats chumam to Cornice	7 10	26 11	
250	do Laying river sand 3" thick and paving with bricks on edge in chumam and flooring over with 8" square bricks	16	40	
	Excavating foundations filling in and leveling the ground		15	
31 1/2	Left Strong teakwood door lined with Copper sheet supported on Copper rivetted hooks, hinges & bolts & Complete	8 1/4	259 14	
6	Strong teakwood window shutters with frames Copper rivetted hooks & hinges & lining Copper wire gauze & Complete and lined with Copper sheet	15 8	72	
22 1/2	Copper wire melting with frames & to the ground Ventilators	3	67 8	
100	Chocolate paint 3 Coats to the door & window		3 8	
	Cost of making Ventilators with teakwood frames Caps & Copper down bolts & nuts & Complete as per plan		100	
	Sundry Charges &		79 7 1/2	1800
No. 2				
Constructing a circular wall around the Magazine				
6220	Left Brick work in chumam	27	1004 4 4	
16	do Flat arch work in do	34	3 5 4	
5700	Left Plastering the walls with 2 Coats chumam	27 3	139 13 3	
	Excavating foundations filling in and leveling the ground		25	
60	Pair Strong lined door with frames & hooks hinges & bolts & Complete	7	280	
75	Chocolate paint 3 Coats to the door	3 8	2 10	
	Sundry Charges & Scaffolding &		64 15 1	1520
	Carried over		3320	

No. 2721

From

Lieut. Col. J. Goddard R.E.
District Engineer.
Presidency.

Colonel G. W. Walker R.E.
Chief Engineer & Secy. to Govt. M.D.
Fort Saint George.

Sir.

Enclos.

1 Plan

1 Abst. Estimate

1 Specification

Report

With reference to the order of Govt. M.D. No. 353 dated 27th August 1872, I have the honor to submit for sanction a Plan and an Estimate of Rs 12,450 together with a Specification report for constructing 3 new magazines on the standard design for the 3 Native Infantry Regiments stationed at Perambore, Vepery or Poodooppett, and Royapooram, and to request that you will be so good as to allot a sum of Rupees

Rupies 3000 for expenditure in the current official year on the 3 magazines from any source at the disposal of Government.

2. The balance of the Estimate vizt. Rupies 9,450. may be entered in the Budget of 1873-74.

12450
3000
<u>9450</u>

3. The Project has been approved of by His Excellency the Commander-in-Chief.

I have the honor to be

Sir
Your most obedient servant.

Wm Forsyth Lieut. Col. R.E.

Dt. Engineer Presidency.

Fort Saint George.

2nd Jan'y 1873

Public Works Department.
Proceedings of the Madras Government.

Read the following

From the Lt. Engr. Tiragapatam } C. C. No. 40 of 16th Decr 1872
 No. ————— No. ————— }
 No. ————— No. ————— } C. C. No. 14 of 30th Decr 1872
 No. ————— No. ————— }
 No. ————— No. ————— } C. C. No. 9 of 26th Decr 1872
 No. ————— No. ————— }
 No. ————— No. ————— } C. C. No. 13 of 27th Decr 1872
 No. ————— No. ————— }
 No. ————— No. ————— } C. C. No. 27 of 2nd January 1872

No. 1873 Sept.
 No. 2721
 Pro. of Geo. W. Lawrence
 No. 19
 From the District Engineer
 Presiding.

To The Chief Engineer &
Secretary to Govt.
P. N. D.

Dated. 2nd Jan 1894
Recd: 3rd Jan 1894

Submitting for same:
two Plan and Estimate
for constructing 3 new
Magazines for the Native
Regiments stationed at
Pernambuco, Sepery and
Rogaperor and amounting
to Rs. 12450.

N^o 185-20th Aug/43.

382

69 Lang/73

The Government sanctioned the following estimates, and resolved to allot the funds re-quired for the works from the sum of Rs. 5000 sanctioned by the D & V. Government in his letter above recorded.

Arm Racks for Rifles of } 1114 - 1114
9 Regt. I. S. at Annapolis }

New Rifle Ranges for the 600-650

H. J. Oly. at H. 3.
 New Magazines for 3 St. 1.
 Repments. at Hambro. 12.65.
 Bookseller & Rayprovision.

I was enquire in the Military
dept whether there is any
certainty of 3 Regts. Leaving
Kipt at Madras - If so when
will the Regt be located at
Poodlopet.

ELM

Dec 23

C/ps 19, 21, 6503, 6389

& 17

Govt. of 1873 Madras.

PUBLIC WORKS.

To The District Engineer
Vijayapattanam

Dated -

Recd.

Encl. 6

G. O. 20th Aug 73, No. 185.

Nos. 378 & 283

Military Works.

Estimates for cer-
tain Military Works
Sanctioned & funds
allotted for them.