

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1964	Press
B.P. No.		Mis.
Dated	21-7	195
		CR74

Not to be folded or roughly handled

Read the following letters :—

No. 467. From J. W. RUNDALL, Esq., District Engineer, Tinnevelly, to
Colonel G. W. WALKER, R.E., Secretary to Government, Public
Works Department, dated Palamcottah, 14th May 1874, No. 16.

I HAVE the honor to submit, for the sanction of Government, two estimates, one
for Rupees 1,335 for constructing a Rifle Range, and the other for Rupees 820 for
constructing an Armourers' Shop at Quilon, prepared in accordance with standard
plans.

2. The estimates in question were called for by the Military Authorities,
and were approved by His Excellency the Commander-in-Chief on the 9th May
1874.

No. 468. From the same Officer, dated Camp at Sattoor, 30th May 1874,
No. 29.

WITH reference to your memorandum, No. 364, of the 22nd instant, I have
the honor to forward the site plan of the proposed Rifle Range at Quilon showing
the situation of the new range.

2. The plan was received from the Officer Commanding Quilon.

No. 469. ORDER THEREON, 21st July 1874, No. 1,964.

MILITARY WORKS, No. 17.

His Excellency the Governor in
Council sanctions the under-mentioned
estimates :—

1. Constructing a Rifle Range at Quilon	...	...	...	...	RS. 1,335
2. Do. an Armourers' Shop at Quilon	...	...	...	...	820

2. Provision of funds will be made from the Military Reserve in separate
orders.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the District Engineer, Tinnevelly.
,, Officiating Controller of Public Works Accounts.
,, Military Department.

Exl. E. C. Shunker.
Spare Copies

No 29. District Engineer's Office, Trinnevelly
Camp Sattour 30th May 1871.

From. J. W. Randall Esquire
District Engineer, Trinnevelly.

To. Colonel G. W. Walker R. E.
Chief Engineer D. P. W.

Sir,

Enclosure. one
1. Site Plan. No 361 of the 22nd Instant. I have the
honor to forward the Site Plan of the
proposed Rifle Range at Quilon show-
ing the situation of the New Range.
2. The plan was received from the
Officer commanding Quilon.

I have the honor to be
Sir

Your most Obedt Servt

J. W. Randall
District Engineer

Specification Report to accompany Estimate No. 3 of 1873-74 for constructing an Armourers Shop at Quilon.

1. Amount of Estimate Rupees 820-0-0
2. The Estimate provides for constructing a Room of 20' x 18'. The walls are to be 12 feet in height supporting a tiled hipped roof. The Room is to be provided with a door 4' x 6' facing East and 2 windows 3 1/2' x 5' facing North.
3. The foundation, basement & superstructure to be of Laterite Stone in mortar. The stones to be sized into level blocks built alternately headers and stretchers. The lime to be shell lime pounded with its own volume of sand and 2 lbs of jagghery to be used to every gallon of water used in working up the mortar during building.
4. The Roof to consist of Thimbor wall-plates, ties, couples with double collar pieces, reefers, nails, pan tiles and chimney borders.
5. All lime used on the work to be slaked after delivery on the spot.
6. The Laterite Stones are obtainable from a distance of 4 miles along the Courtallum Road.
7. All rejected materials whether stone, lime &c. if not at once removed by the individual contracting for the same will be carted away at

Provisions of Estimate.

Laterite in mortar.

Roof

Lime.

Laterite Stone.

Rejected materials.

P. M. 1874 Dec 22.
The District Engineer
Quilon.
To the Chief Engineer
P. S. M.
Dated 30th May
Received 4 June 1874.
Enclosed 1.15
P. O. No. 1984. 21-7-74.
From under the date
Plan of the proposed
Rifle Range at Quilon.
P. M. 1874
P. M. 1874
P. M. 1874

at his cost.

W. W. Randall

District hygiene.

Yours Truly,
A. Stevens
Colonel
Commanding Infantry

Colonel
Commanding Milson.

Jan 20 3763

Abstract Estimate No. 3 of 1873-74.

Work: Constructing Armourer's shop at Zuilow.
20 x 18'

Quantities	Description of work.	Rate	Amount	Total.
1879 $\frac{1}{2}$	Cubic feet. Laterite stone in chumam plastered 100 cft	20 . .	375 14 5	
341 $\frac{1}{4}$	Sqre feet Flooring — per sqre	2 14. "	9 13 "	
700	— " — Roofing with Palouriah. wall-plates, ties, couples, double collar pieces, reapers, nails, pan tiles & chumam borders &c — complete per sqre. —	25 . .	175 . .	
2	Windows 3 $\frac{1}{2}$ x 5 banded & glazed — at	25 . .	50 . .	
1.	Batten door with frames & complete at	15 . .	15 . .	
1	cup board with lock and key — at	20 . .	20 . .	
1	Bench 32" high and 3' wide run- ning the whole of north side at	15 . .	15 . .	
1.	Rack for files and other tools —		5 . .	
1	Shelf for tools —		10 . .	
1.	Arm racks on three sides —		50 . .	
1.	Padlock for door —		5 . .	
	Excavating foundation & filling in basement		15 . .	
			745 11 5	
	Extra Establishment & Sundries Rs. —		74 4 7.	

Total of Estimate Rupees. — 820

I do hereby certify that the above intimate provides for every thing necessary & that no supplementary work will afterwards be required.

Wm. Randall

[illegible]

Superintendence 10 per cent.

Details of Abstract
Returned for Conducting
on Commissioned Shop
at Sulem

Refused 820.

Original Work
Containing

No. 34 1843-74

at 19 346

Enclosure no. 2 in a
letter from the District
Engineer J. J. J. J.
dated 14th May 1874
no. 16.

To.
The Secy. to Govt.
P. W. D.

Dy. 21st July
In 820467. 11/4

Estimate for
Armourer's shop.

Mr. 2944/74

Abstract Estimate of
Work. Constructing Rifle Range, Markis River at P. W. D. P. W. D.

Quantities

Description of Work	Rate Amount Total		
	P. A. P.	P. A. P.	P. A. P.
<u>Slope Butt.</u>			
6125 Cubic yards Earthwork at . 19	669	149	
22 Cubic feet Wrought Timber at . 14	19	4	
Sundries		30	
Rupess			719 29

<u>Markers Butt</u> Timber with sand lashing			
Right hand Butt (Temporary)			
168 Cubic yards Earthwork at . 19	18	6	
40 Cubic feet Sawn timber at . 10	25		
Sundries		2	
Rupess			45 6

<u>Left hand Butt</u>			
74 Cubic yards at . 19	8	2	6
189 Cubic feet wrought Timber at . 14	16	5	6
1 Iron Table 4 x 4		3	
Sundries		15	
Rupess			191 8 6

<u>Revet Butt</u> Timber with sand lashing			
30 Cubic yards Earthwork at . 19	3	4	6
50 Cubic feet at . 14	43	12	
Sundries		8	
Rupess			55 6

<u>Another of the same dimensions</u>			
Platforms			
805 Cubic yards Earthwork at . 19	88	9	
Sundries		4	
Rupess			92 9

<u>Levelling & filling up ground at 600 yards</u>			
163 Cubic yards Earthwork at . 19	17	13	3
Levelling ground		30	
18 Stone Flag at . 1 12	22	8	
Rupess			15 15 4

Quilon A. Stevens Island
31st March 1873 Commanding Quilon

R. Tait Captain
Station Staff Officer

My dear Mr. Stevens
Enclosed 5th Regt 844.
(1000 lbs)
Munition Major
Quilon leaves 20th

71
Estimate by Captain R. Tait Station Staff Officer
District for the work of constructing a Rifle Range with
Stop, Markers and Revolver Butts at Quilon

Reference
Letter N^o 111 from District Quarter General to the Brigadier
General Commanding Southern District

Report

The site, recommended by Brigadier General Macintosh C.B.
for a Rifle Range at Quilon, is situated on partially the
same ground as the present range on the sea beach.
By throwing back the Stop Butt about 300 yards and
firing at not such an acute angle into the sea, sufficient
ground is met with for a range of 40 yards in width
and 600 yards in length in a South West direction. The
ground is within the Cantonment of Quilon. On the plan of the
between the Canal and the sea, from 150 to 80 yards in
breadth, it has been used for the Military Practice of
Regiments stationed here for the past 40 years. The ground
is a little uneven for the first 300 yards of the range, that
is from 600 to 300 yards the ground is nearly level when
it begins to slope and falls to 5 feet at the Stop Butt.
The only spot available for the Stop Butt is unfortunately
in a large hollow, its extreme right in close proximity
to the sea, at the present season some 20 yards from it, but
may be washed by it in the monsoon. A road for the use of
the Residents of Quilon runs through it, ending some
100 yards beyond the Stop Butt and which is also made use
of by passengers and others going along the coast. The
line of fire is well out to sea and the traffic along the
road will not be more impeded than by the old range.
The only obstruction are some 14 Coconut trees growing
at about 100 yards in front of the Stop Butt, they belong to
a native of Quilon who is willing at the recommendation of
the Revenue Peshkar of Quilon to allow them to be cut
down on the understanding that a small piece of land in
Cantonment

Consentment is given to him to grow a few Coconut trees thereon in lieu thereof.

Specification

1. Work to be done consists in filling up the low ground for a foundation of the Stop Butt to the level of road, on this erecting a platform for the Targets to rest on with a Butt of 12 feet in height from Platform shown up of loose sand in rear.

2. 1 Drinker's Butt on left to be made of wrought Shantivaris timber with sand backing.

3. 1 Drinker's Butt on right. In consequence of the probable encroachment of the sea to be temporary. Of rough slab forming a small dam, raised sufficiently with sand backing, which would be removed if necessary during monsoon.

3. II. Pivotal Butts of wrought Shantivaris timber with sand backing.

4. Flaming platforms where required and filling up at 600 yards.

4. The earthworks to be carried out by the men of the 26th Regiment. The woodwork by local carpenters, all under the personal supervision of Captain Smit.

Original works.

Military

No. 1 of 1874-75

Estimate for constructing
a Rifle Range at Quilon
Amounting to Rupees 1363.10.10.

No 3964

Quilon

3rd March 1874

W. Smit, Captain
Station Staff Officer

A. H. Smit, Colonel
Commanding Quilon

99

Enclosure no 1 in a
letter from the District
Inquirer Tinnivelly
dated 14th May 1874
no 16.

To
The Secy: to Govt
P. W. D.

P. O. 721st July/74
In P. O. 467.
Estimate for
Rifle Range.

M. 2944/74.
2 Tinnivelly

No 16 District Inq^r Office, Tinnivelly
Palanecottah. 14th May 1874

From J. W. Randall Esquire
District Inquirer, Tinnivelly.
To Colonel G. W. Walker P. O.
Secretary to Government P. W. D.

Enclosures 2
Estimates

Sir, I have the honor to submit for
the sanction of Government 2 Estimates,
one for Rupees 1335 for constructing a Rifle
Range and the other for Rupees 820 for construct-
ing an Armourers Shop at Quilon prepared
in accordance with Standard Plans.

2 The Estimates in question were called
for by the Military Authorities, and were
approved by His Excellency the Commander
in chief on the 9th May 1874.

I have the honor to be
Sir
Your Most Obedt Servt
J. W. Randall
District Inquirer

11-7-74

27/5/74

Dated 14th May 1874
Received Rs. 21-7-74
from the Government of Madras
for the construction of
one for constructing a Rifle
Range and the other for
an armourers shop at
Quilon.

The District Engineer
Quilon
The Secretary to Govt.
P. O. Madras
No. 27-7-74

1904 P.M.D.

117

Proceedings of the Madras Govt.
Read the following
D. P. Innerelly (H.E. no. 16 of 14 May/74)
- do - do - (H.E. no. 29 - 30 - do)

His Excellency
the Governor in
Council sanctions
the undermentioned
estimates

- (1) Constructing a Rifle
Range at Quilon: Rs. 1335
- (2) do do Armourers
shop at Quilon - " 820

Provision of
funds will be made
made from the
military Reserve
funds in separate
orders
L.P.M.
Spec. Copies sent 27-7-74

5/4
L. S. Engr. Innerelly
" Cont. O.K. Accts.
" Mil. Dep't

2944
3322

Gobt. of 1874 Madras.
PUBLIC WORKS.

To

The Dist. Engr
Tinnevely

Dated

Recd.

Encl. 3

G. O. 21 July 1874. No. 1964

Nos. 467-469.

Rifle Range and Ar-
mourer Shop at Quilon
Tinnevely Dt.

Estimates amounting to
Rs. 133 and 820 respectively
for the construction of these
works sanctioned -
Provision of funds to be
made from the ~~Revenue~~ Military
Reserve in separate orders.

467-469

Recd 3/7/74 Retd 10/7/74