M.R.O. 1—77,606—9-6-37.

(1) Number of pages 12

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 2931 Press / Misc.

352-53

Dated 20 · 11 1891 .

Not to be folded or roughly handled

44

No. 352. Read the following letter from the Officiating Superintending Engineer, 5th Division, to the Secretary to Government, Public Works Department, dated Salem, 1st November 1871, No. 172 :—

With reference to your Official Memorandum, No. 1, dated —— October 1871, forwarding G.Os.* as per margin, I have the honour to explain that the site of the new Butts and the Rifle Range at Trichinopoly was chosen by a Committee of Officers of which I was not a member.

1 Plan.
1 Estimate.

* Military Dept., No. 2,518, of 3rd August 1871.
Do. do., No. 2,115 of 17th do.

2. With regard to the defects of the range they are very obvious now that the range has been actually used; but as they were not foreseen by any of the Committee of Officers who chose the site, every one of whom must have had more or less experience of target firing, I submit that it would not be matter for surprise had I, who have had no such experience, not foreseen it; but, as before mentioned, I had no part in the choosing of the site, and would certainly have imagined that my duty rested entirely with the construction of the butts.

3. In your memorandum under acknowledgment I observe it is stated that the butts were "placed and constructed" under my personal superintendence. "Constructed" they were, but "placed" by me they were not, for the line of fire was laid down by the Assistant Quarter Master General, and *that*, as a matter of course, regulates the position of the butts.

At the same time I would point out that it is extremely difficult to secure every essential of a good range, and it is very possible that the Committee considered the comparative nearness to the barracks to more than compensate for any probable defects; of this at least I am aware that another and apparently better range was rejected, as being much too far from barracks.

4. The plan (and estimate) called for in the concluding part of your memorandum are herewith submitted.

No. 353. Order thereon, 20th November 1871, No. 2,931.

MILITARY WORKS, No. 10.

Ordered to be recorded.

(True Extract.)
(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

Exd. S. T. Augustin.

Military Trechnopoly District New York

Trechnopoly or No 1 Range

Detailed and Abstract Estimate No ---- 1869-70

Work Constructing Stop and Markers Butts for a Rifle Range at Trechnopoly. Placing 2 Stone Plat forms and marking distances at every 50 Yards

No	Length	Breadth	Height	Cubic or Superficial Contents	Particulars of Work	Rate	Amount	Amount of each part
					Stop Butt			
	182	22	18	72072	Embankment for Stop Butt			
2	46	4	13	4784	Do. Buttresses			
				76856	Cft. or			
				284614 yds	Cyds Earth work		at	16 26 39
					Ramping at 5 per Cent			13 55
					2 Fixing Targets		at 10 . .	20 . .
					Sundries and Contingencies			9 10 0
					Total			200 . .
					Markers Butt			
	10	2½	2½	250	Masonry revetment foundation			
	18	1½	7½	202½	Rear wall above			
	6	1½	7	126	Side walls above			
2	4½	1½	6½	87¾	Returns			
2	7½	1½	¾	16 7/8	Coping on side walls			
2	2	2	2½	20	Foundation to Pillars			
2	1	1	6½	13	Pillars above			
	20	1½	1½	45	Retaining wall 3 sides			
	3	1	2½	7½	3 Seats foundation			
	3	1	2¼	6¾	Do above			
				775 3/8				

Carried over ---- 200 . .

Brought forward _____ 312..

1753/8 Cft. Brick in Chunam at . 2 . 9849

35 4 7½ 1050
47 7½ 33¼ 1321⅞ } Earth work in rear

2371⅞ Cft. or
8761/72 Cyds. Earth work ___ at ___ . 1 . 5 7/16

Teakwood work

3 3½ ¼ ⅓ 1-2-0 Legs for table
3 2¼ ¼ ⅓ -9- Brackets for do
5½ 2 4 1-10- Planks for do
15 1½ 1/6 3-9-- Planks for seat
1 16 5¾ 3½ 2--9 1 Bressummer for roofing
12 9 8½ 2 5-3-- 12 Joists
204 2" 2¼ 3-5-- Rafters

1747/48 Cft. Teakwood wrought at 3 8 . 6240

15 10 150 Sqrs. ft. Flooring with brick
Jelly in Chunam at 2 . . 3 . .
39 17½ 292½ Plastering Revetment wall
2 11 6½ 52 Ds. Pillars.
344½ Sqft. Plastering ___ at 1 8 . 528
15½ 9 139½ Sqrs. ft. Bengal terraced roofing 11 . . 1556
Excavation and Sundries ___ 1125

Total for One ___ 20 . .
Do. for Another ___ at 20 . . 20 . .
Total for Two ___ 40
Carried over ___ 712

Brought forward ___ 700 . .

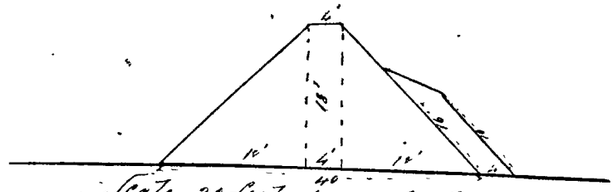
20 3/4 30 Stone flat for mil.
30 Sup.ft. of Stone flags at ___ . 18 3 2 . .
1 1 5 . Marking off distances of
50 Yards from 100 to 300 Yards
with 1 foot Square Stone with
figures and complete ___ at ___ 1 . . 5 . .
Sundries ___ 1 . .
Compensation for land
Acres 5 - 6 ___ at 15 . . 120 . .
130 . .

Total Estimate Rupees 830 . .

(Engrs Office 6th Div
ore 12th Oct. 1849.

Signed R. F. Dates Capt. R.E.
Superg Engineer 6th Div.

Section of Stop Butt.



Scale 20 feet to an Inch.

R. F. Dates Capt R.E.
Supg Engr 6th Div

Superintg. Engr's Office 5th Divn.
No. 1172. Poona 1st November 1871.

From,
The Offg. Superintg. Engineer
5th Division.

To The Secretary to Government
B.P.W.

Enclosures 2.
1 Plan
1 Estimate.

Sir,

With reference to your Official Memo
+ Military Department No. 2518 of 23rd August 1871. and 2115 of 17th Inst — No. 1 dated — September 1871 forwarding
M.O. as per margin, I have the honor
to explain that the site of the new Butts,
and the Rifle Range at Trichinopoly
was chosen by a Committee of Officers, of
which I was not a member.

2. With regard to the defects of the
Range they are very obvious, now that
the Range has been actually used, but as
they were not foreseen by any of the Committee
of Officers who chose the site, every one of
whom must have had more or less
Experience of Target firing, I submit that
it would not be matter for surprise,
had I, who have had no such Experience,

Rs. 330
Rs. 109
Rs. 3-5-0
Rs. 120-14-0
264-2-0

not foreseen it, but, as before mentioned, I had no part in the choosing of the site, and would certainly have imagined that my duty rested entirely with the construction of the Butts.

3. In your Memorandum under acknowledgment I observe it is stated that the Butts were "placed and constructed" under my personal superintendence.

"Constructed" they were, but "placed" by me they were not, for the Line of fire was laid down by the Asst. Quarter Master General — and that as a matter of course, regulates the position of the Butts.

At the same time I would point out that it is extremely difficult to secure every essential of a good Range, and it is very possible that the Committee considered the comparative nearness to the Barracks to more than compensate for any probable defect; of this at least I am aware — that another Long Range was rejected, as being much too far from Barracks.

4. The Plan (and Estimate) called for in the concluding part of your Memorandum are herewith submitted.

I have the honor to be
Sir,
Your most obdt. Servt
Lewis Vetue Capt. R.E.
Offg: Asst. Engineer
5th Div.

Rec'd Chief Eng's Office 20th Nov. 1871

Public Works 1871 Department
From 387
The Chief Supt. Engineer
Sanitation
To The Secty. to Government
Richards
Dated 17th November 1871
Rec'd 18th

No. 1153

Enclosures 2.

Markers and Stop Butts
for Rifle Rangs at Sachin
Sply.

Submitting plans
tion called for accepting
Re objectionable manner
which the Butts were
ern placed and constructed

No. 2931-20 Nov. 71
With an order

2931

Rec'd to be returned.

Rec'd 15th Nov. 71

No 5367

Govt of [1871] Madras.

PUBLIC WORKS.

To

Dated.

Read. Encl 2 to 11

G. O. Victoria 1871. No. 2431

Nos. 3521353

Rifle Range at Trichinopoly.
Report from Captain Vertue relative to the objections raised to the site for the Rifle Range at Trichinopoly recorded.