M.R.O. 1—77.000—7-6-57.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No. 37 Press Mis.

Dated 18

Not to be folded or roughly handled

No. 58. Read the following letter from the Superintending Engineer, 6th Division, to the Secretary to Government, Public Works Department, dated Tanjore, 8th December 1870, No. 765 :—

I HAVE the honour to forward, for the sanction of Government, the under-mentioned estimates, aggregating Rupees 6,764. These works have been entered in the Budget List for 1871-72 forwarded from this office on the 22nd October last,

5 Plans.
8 Estimates.
No. 608.

and they have all received the approval of His Excellency the Commander-in-Chief :—

	RS.
Converting the old Medical Stores into quarters for two Apothecaries at Trichinopoly, with plan	490
Constructing stables for one horse, to be built at each corner of the compound wall	440
Constructing a new flag-staff on the rock of Trichinopoly Fort, with plan	380
Constructing a Bell Stand for the Ordnance Depôt at Trichinopoly, with plan...	112
Constructing a Privy for the families of the Detachment of British Infantry at Trichinopoly, with plan	1,410
Covering with wire netting the ventilators of the Military Hospital at Trichinopoly	182
Altering the seats of existing Privies in use with the European Troops at Trichinopoly—*Vide* G. O., No. 1,580 of 1st July 1870	*370
Constructing a Privy for the use of two Companies of British Infantry at Trichinopoly, with plan	3,380
Total...	6,764

P. S.—Since writing the above, G. O., No. 2,940, of the 5th instant, has been received, and, in reply, I beg to state that this office was not aware that the Order of Government, No. 1,580, calling for the estimate* for altering the seats of existing privies should be considered as a special requisition; hence the estimate was not submitted to Government earlier.

1st July 1870.
* Rupees 370.

No. 59. ORDER THEREON, 6th January 1871, No. 31.

MILITARY WORKS, No. 3.

THE estimates of Rupees 182 and Rupees 370, respectively, for covering with wire netting the ventilators of the Military Hospital at Trichinopoly and for altering the seats of existing privies in use with the European Troops at that station, will be submitted, in due course, to the Government of India, with reference to the orders of that Government, dated 21st May 1870, No. 26, and 4th July 1870, No. 36.

Proceedings of the Madras Government Public Works Department,
6th January 1871.

2. His Excellency the Governor in Council sanctions the other estimates* for certain Military works at the same place, and directs that an application for funds be submitted after the 1st April next when the practicability of providing them will be considered.

* Rupees 6,212.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 6th Division.
,, Controller of Public Works Accounts.
,, Military Department.

Fwd. E. C. Shunker.

Trichinopoly District—
Abstract Est. No. 1870/71—

Work—Constructing Bell Stand for the Ordnance
Depôt at Trichinopoly—

Quantity	Description of Work	Rate	Amount	Total
225	Cft. of Brick in Chunam	at "2"	532 "	
1/2	Cft. of Arch work in Chunam	" "26	11 53	
565	Sup. ft. of Flattering & Coats	" "28	142 "	
1/2	Cft. of Teakwood wrought & fixed	" 38 "	15 12 "	
2	Cut stones with grooves for fixing the Axle	at 18"	3 " "	
40	℔ of Iron wrought	℔ "16	3 12 "	
	Scaffolding & Excavating foundation		5 5 3	
	Sundries & Contingencies		4 15 6	
	Total Estimate Rupees		112 " "	

(Signed) J. Vertue Capt RE
Exe. Engr Trichinopoly

A.
22.4.70.

H. F. Bates Capt RE
Supg Engr 6th Div

Supg Engr Cuddapah 6th Div
Engr 31 March 1870

Executive Office Southern Div
Trichinopoly 7th April 1870.
J. T. T. Mahon Captain
Offg Executive Engr

Teichuispoly District No 1 Pauny

Abstract Est No 1869/70.

Work — Converting the Old Medical Stores into Quarters for two Apothecaries at Teichuispoly.

Quantity	Description of Work	Rate	Amount	Total
	Alterations to Main Building			
—	Removing old Work	"	3 2	3
132	Cft Sft Demolishing old Work	"	2 " 232	1 "
1616½	Cft Sft Brick in Chunam	"	1 8 " 27 "	2
1300½	Sft Sft of Flooring			1
4	Door frames fixing in the old Walls		1 " 4 "	
3	Doors of Teakwood ½ Glazed & ½ panelled procurable from stores)	Each	10 8 " 31 8 "	
1	Teakwood Door ½ Venetianed & ½ panelled	8 × 4½	8 8 " 8 8 "	
2	Removing old Doors frames	8 "	1 " "	
4	— do — Windows	8 "	2 " "	
3	Teakwood New frames	7 × 4	8 " 24 " "	
1	— do — do —	8 × 4½	9 " 9 " "	
2	Screen doors for Main Rooms	5 "	10 " "	
	Repairing Cracks in Wall		1 " "	
	Whitewashing		15 " "	
	Scaffolding		7 " "	
	Sundries & Contingencies		15 13 7	
	Carried Over		Rs 360 " "	

Rs 360 " "

Engd Rs 3229/14

Engd No 1141

Rs 3229
3589

Quantity	Description of Work.	Rate	Amount	Total
	Brought forward £ . . .			336 . 11
	Compound Wall & Coping. 4' x 1½			
3444	C/ft of Mud Wall ——— at		3 6½	
492	C/ft of Coping Compound Wall built Brick in Clay ——— at		13 3½	
142½	C/ft of Gate Pillars Brick in Cement at		2 7½	
2296	Sup/ft of Rough Plastering Coping Compound Wall ——— at		1 2½	
1	Countrywood Wicket door 3' x 3' Iron works Complete well tarred & blue lined in the Outer Wall. ———			7 . .
	Excavation &c ———			15 . .
	Sundries & Contingencies ———			12 15 8 170 . .
				530 . .
4	Deduct Value of 4 old Windows available from the old Building & to be sold at 10/- . 40/-			40 . .
	Total £ to be Passed . . .			490 . .

(Signed) C. Martin Capt RE
Executive Engineer
Cuttack Division

Supdg. Engr. Office
6th Div
17th November 1869

H. F. Dart Capt RE
Supdg Engr 6th Div

Recd. Date & M Ends Office Rd

Fricchampoly District

Abstract Est No 6 1870/71. 5

Work Constructing Privy for the use of 2 companies of British Infantry at Fricchampoly In accordance with the Standard Plans received with G.O.C. 2982 dated 1st Sept 1866. & modified in G.O.C. 1603 under date 15th May 1869.

Quantity	Description of Work	Rate	Amount	Total
5348	Sqft of Brickwork in Chunam —— at	"2"	667 14 "	
4350	Sqft of Plastering —— at	18 "	65 4 "	
804	—do— of Asphalte flooring with brick work in mortar underneath	25 "	201 " "	
135	Sqft Asphalting over Masonry under Privy Vaus —— at	20 "	27 9 7	
95½	— do — flooring with cut stones at	4 "	24 10 "	
190	— do — Terracing with Terrace Brick on edge in Mortar 3 courses of flat tiles Jelly and 3 courses of Superior Plastering to the ceiling and out side —— at	20 "	38 " "	
14,20	Sqft of Roofing with flat and Pan tiles and Chunam borders at	9 8 "	141 8 9	
370½	Cft of Teakwood wrought & put up	3 3 "	1296 7 4	
3223.5½	lbs of Iron wrought & put up at	16	208 7 3	
85	Sqft of Perforated Zinc Plate at	1 " "	85 " "	
2	Countrywood Batten door with Iron Sockets Complete 3'x6' at	21 " "	42 " "	
2	— do — do — with frames Wooden bars Complete & he put in Gables 3'x2½' at	10 " "	20 " "	
	Carried Over		2817 12 11	

Fricchampoly Cantt 28th Sept 1870

Passed for Rs 2817/12/11

Sept 10853

Quantity	Description of Work	Rate	Amount	Cost
2	Cowbyard Gutter Gratings (Wrought Iron)		28/4/12/11	
1	Iron Air light Ventilator 30" high 20" top diameter and 18" bottom diameter with Cover and Handles complete		14	
6	Iron Urinal with Tray and earthen glazed pans complete with Screws &c. Painted with 2 Coats 30th July 1863		8½	
14	Pairs Irons of the common galvanized Iron Buckets painted with 2 Coats of Coal tar painting &c.		33	
14	Iron work		4½	
	Allowance for a Spare Bucket for Cleaning out Drains or for Conveying Water to the Reservoir		2	25
1	Contingency Ditto		20	
	Excavating Foundations		2	
	Scaffolding		15	
	Sundries and Contingencies		30	
			160	31
	Total Cost of Repairs			3350

Surveyor Engineer Office &c &c
Jany 27 Calcutta 1870

Chas Turnbull
Executive Officer Lt R E
Dumdum 31st Oct 1870

Chas Turnbull Lieut Col
Engr-in-Chief

Mrs. Coin Collins
No 765 Dated 8th
December 1870 from
Fitzhugh Nr 6 Dr C
Secretary & Genl Pond

Trichinopoly District

Abstract Est No. 1870/71

Works Constructing a New Flag Staff on the Rock of Trichinopoly Fort

Quantity	Description of Work	Rate	Amount	Total
39 1859/2304	Cft of Teakwood in weight & put up at	4 8	179 2 1	
5	Wooden Pulleys with brass bore & Iron nails	1 8	7 8	
1	Top Brass Pulley with nails	- -	1 - -	
1	Large Clamp and Iron Rings for tightening rope	- -	6 8	
2	Iron ferrule with Nails	2 -	4 - -	
1	do do	1 12	1 12 -	
1	do do	1 - -	1 - -	
1	do do	1 8	1 8 -	
1	do do	2 8	5 - -	
2	do do	1 - -	3 - -	
3	Iron bolts with Screw nuts	- 8	- 8 -	
1	Iron Key	1 - -	4 - -	
4	Iron Clamps with Screw nails to Plat form	- - -	6 - -	
1	Round Iron bar 1" diameter with bottom plate and Iron Signal with Screw & nuts	- 2 -	2 - -	
16	Nails to wooden battens	- - -	- 8 -	
1	Iron Ring for top Block	2 8	4 6 -	
1 3/4	Squares of black painting 2 coats at	- - -	4 8 -	
	Fixing charges of Iron Works	- 2 -	3 - 9	
24 1/8	Cft Brick in Chunam at	- 4 -	6 1 6	
24 1/8	do do conveying charge from foot of Rock	- 4 -	6 1 6	
7 7/8	Cft of Teakwood Joists to be replaced in lieu of decayed ones at	3 8	27 9 -	
9	Teakwood Joists new fixing & removing old ones at	- 8 -	4 8 -	
2 179/192	Cft of Teakwood Ladder from Rock to Top of Terrace at	4 8 -	13 3 1	
3	Iron bolts and Nuts at	1 - -	3 - -	
	Plat form of Brick in Chunam at the foot of the Ladder including Carriage	- - -	5 8 -	
	Fixing and erecting Staff on the Rock	- - -	30 - -	
438	Rft = 73 fathoms or 68 lbs of proper hemp Europe 1½" well Tarred procurable at Madras			

Carried Over Rs 324 2 5

Recd Rs 324/2/5

Dr No 3181.

Trichinopoly Fort
Dec 6th 1870
From Capt Rundall
To Lieut Col Pitt R.E.
Executive Engr
No 8

Quantity	Description of Work	Rate	Amount	Total
	Brought forward		324	2 5
	Marked at 38 8 " Jos Coil Containing 120 fathoms or 1 cwt ——— Per fathom	5	23	0 0
	Freeinage for conveying the above Rope 68 lbs from Madras to Trichinopoly 330 Miles at the Rate of 18 Rs per Mile per ton of 2240 lbs ———			6 1
12½	Sundry Cotton rope Small 1/2" for lifting Flags &c ———		16	11 0 6
	Smedries & Contingencies ———		5	19 9 10
	Total Est Rupees ———			350

/ Signed / J. Fortius Capt R.E.
Exc. Engr Trichinopoly

H.F.D. Ker Capt R.E.
Supt. Engr. 6th Div.

Supt Engs Office 6th Divn
Tanjore 13th April 1870

Examined

1

9

4

Encls: in letter No
765 dated 8 Dec/70
From Supg Engr 6 Dn
the Lieutenant Govr & C.R.E

1/36/70 Encl

Pur No 3022/70

Work Constructing a Privy for
Staff on the Rock of Trichinopoly
Fort

Estd 380 - -

Sigh 3385

Military — New Work

Works — Trichinopoly District
No 1 Range
Abstract Estimate No of 1869-70

Constructing a Privy for the Families of the Detachment of British Infantry at Trichinopoly in accordance with Standard Plan received with G.O. No. 2982 dated 17 September/66 and modified in G.O. No. 1603 dated 15 May 1869

Quantity	Description of Charges	Rate	Amount	Amount of each part
3246 25/32	Cft. of Brick in Chunam	at	2 . 405	13 7
2828 1/86	Superfat of Plastering	at	1 8 . 426	9
249.	Do. of Flooring asphalte over a levelling course of flat bricks and brick jelly	at	25 . . 624 .	
36	Do. Asphalte flooring over Do.	at	20 . . 7 3 2	
98 1/2	Do. Flooring with Cut stone	at	4 . 24	10 .
190.	Do. Terracing	at	20 . . 38 . .	
454 1/2	Do. Roofing with flat and pan tiles and chunam borders &c	at	9 8 . 43	2 10
113 5/8	Cft. Teak wood	at	3 8 . 397	11 .
520.32	lbs of Iron	at	. 16 48	12 6
1 1/2	Sqr feet Perforated zinc plate	at	1 . . 1	8 .
2	Country wood batten door with framed iron work complete (3×6	at	21 . . 42 . .	
2	Country wood Windows with wood -rn bars in gables complete 2½×3	at	10 . . 20 . .	
2	Do. Do. in Sweepers room 2×2	7	. . 14 . .	
1	Do Batten door for Cart Shed 7×6	at	35 . . 35 . .	
2	Iron air tight receptacles 25 high 20 top diamtr and 18 bottom diar with cover and handles complete	at	14 . . 28 . .	
4	Privy pans of the common galva mised iron buckets painted with coal tar	at	4 . . 16 . .	
		Carried over		1242 10

		Brought forward	1242	10
3/2	Sqrs of Coal tar painting to wood and iron work	at 2 ..	7	..
	Allowance for a spare vessel for cleaning the pans or for Conduit to bring water to the Reservoir		20	..
	Excavating foundation		7	..
	Scaffolding		20	..
	Sundries and Contingencies		53	8 2
			1350	..
1	Conservancy Cart		60	..
	Total Estimate Rupees		1410	..

Supt Engrs Office 6 Divn
Jaypore 8th December 1869

H. F. Dart Captain RE.
Supt Engineer 6 Divn

Brigade Office Lt
Vizianagram 8th Augt 1870.
Approved
Lewis Captain
Offg Brigade Major Lt

Encl: in Letter No 765
dated 8th December 1870
from Supg Engr 6 Div
to the Secretary to Govt PWD

Enclosure No 4 in a
letter from the Supg Engr 6 Div
No 1045 dated 8 Dec 1869
To
The Secretary to Government
P. W. D.

P.W. 2244/69.
5022/70

Estimate Rs 1410
for constructing a Privy for
the families of the Detachment
of British Infantry at
Trichinopoly.

Ent'd No 575

Superintending Engrs Office 6 Div
Tanjore 8th December 1870.

No 765

12

From,
Captain A. J. Oakes R.E.
Superintending Engineer, 6 Div.

To,
Colonel C. A. Orr R.E.
Secretary to Government. P.W.D.

Sir,

I have the honor to forward for the sanction of Government the undermentioned Estimates aggregating Rs 6764. These works have been entered in the Budget List for 1871-72 forwarded from this Office on the 22nd October last and they have all received the Approval of His Excellency the Commander-in-Chief.

Converting the Old Medical Stores into Quarters for 2 Apothecaries at Trichinopoly - with Plan	490
Do Stables for one Horse to be built at each corner of the Compound Wall	440
Constructing a New Flag Staff on the Rock of Trichinopoly Fort - with Plan	380
Constructing a Bell Stand for the Ordnance Depôt at Trichinopoly - with Plan	112
Constructing a Privy for the families of the Detachment of British Infantry at Trichinopoly - with Plan	1410
Covering with wire netting the Ventilators of the Military Hospital at Trichinopoly	182
	3014

3,014

Altering the Seats of existing Privies in use with the European Troops at Trichinopoly 6 370
Vide G.O. No. 1850 of 1st July 1870.

Constructing a Privy for the use of 2 Companies of British Infantry at Trichinopoly - with Plans 3,380

6,764

I have the honor to be
Sir
Your most Obed.t Servant

[signature] Captain R.E.
Superintending Engineer, 6th Division

P.S. Since writing the above; G.O. No. 2940 of the 5th Instant has been received and in reply I beg to state that this Office was not aware that the Order of Government No. 1508, calling for the estimate for altering the Seats of existing Privies should be considered as a special requisition hence the estimate was not submitted to Government earlier.

H.F.D.

No 58
6 Dec 70 R. 16

3,014

Public Works 1870 Despatch
Jn. Govt. of Lamy
Nos. 5022 &c

The Supt Engineer
6 Division

To The Secretary to Govt
P.W.D

Dated 8th December 1870.
Rec'd 10th "

No. 765
Enclosures. 13.

Forwards for sanction certain Estimates for Military Work aggregating Rs. 9,764.-

No 31. 6th January 71

No. 31 P.W.D.

Proceedings of the Madras Government

Read the following

From

The Supt Engr. 6th Dn. (14. E. Dec. 765 8th Dec. 70)

The estimates of Rs 182 and Rs 372 respectively, for covering with wire netting the ventilators of the Military Hospital at Trichinopoly and for altering the seats of existing privies in use with the European Troops at that Station, will be submitted, in due course, to the Govt. of India with reference to the orders of that Govt., dated

No.

dated 21st May/70 No. 26
and 2d July/70 No. 36.

His Excellency the
Governor in Council
sanctions the other* estimates
for certain Military works
at the same place, and
directs that an applica-
-tion for funds be sub-
-mitted after the 1st
April next when the
practicability of provi-
-ding them will be
considered.

*Rs 6212

We

60
4

2d The Supt Engr 6 do
5 Controller P.W. Accts
15 Military Depart
Dept 7/11/71

615 Oct/70 R. 162

C/25022

Govt. of 1870 Madras.

PUBLIC WORKS.

To The Superintending Engr
6th Division

Dated

Rec'd 11

G. O. 6th Sept. No. 31.

No. 8879

Military Works at Trichinopoly.

Re estimates amounting to
Rs. 5212 for certain Military
Works at Trichinopoly,
sanctioned with remarks.