

(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.	688	Press	<i>Original</i>
B.P. No.		Mis.	
Dated	13-3-	48.76	
		195	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
13th March 1874.*

Read the following letters:—

No. 324. From Major J. VERTUE, R.E., District Engineer, Trichinopoly, to Colonel G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Camp at Trichinopoly, 16th. October 1873, No. 350.

I HAVE the honour to report the following circumstances connected with the Deputy Collector's Cutcherry and Sub-jail at Arealore, which, during a recent inspection of the buildings, came to my notice.

2. Rupees 2,910 and Rupees 8,540 were sanctioned for the works in G.Os., No. 2,197, of 9th July 1863, and No. 2,475 of 28th July 1869, respectively. The works were commenced departmentally on the 1st and 16th May 1869, and stopped on 1st September 1869, when the total amounts spent were Rupees 687-1-5 and Rupees 778-9-6, respectively.

3. The works were re-commenced in June 1873 under a contractor, of whom more hereafter.

4. On my arrival at Arealore, the Supervisor in charge of the range pointed out that, in the foundations (the only work completed) of the Deputy Collector's Cutcherry, there were sundry longitudinal cracks visible on the top of the walls, also other signs of settlement. He also pointed out that the foundations had been laid in *made soil*. I, therefore, made an examination of the foundations in five or six different places, and found that the only portion sunk in the natural soil was 1'—1½' of dry rubble, the interstices filled with chunam screenings. The 4' of masonry built over this had therefore actually been built on the ground, and even now, with soil filled round it so as to bring the sloping ground to something like a level, much of the foundation is still above ground, and, indeed, any one looking at it would take the upper part of the foundation (a footing occurs at half the depth) for the basement.

5. As it would be madness to build on such a foundation, the bricks of which are bad, and the site is inferior, being the lowest point of the ground, I have condemned the whole work, and ordered the Cutcherry to be placed on higher ground.

6. I have now the honour to request that revised estimates for the Cutcherry and jail, as now submitted, be passed.

7. The extra amount required for the Cutcherry is Rupees 1,160; but, owing to the hospital-shed being not now required, there is a saving on the original sanction of Rupees 90, making the total extra amount required Rs. 1,070.

8. As regards rates nothing has been altered, but the rate for brick-in-chunam, which, as will be now shown, is most inadequate.

9. In the original estimate the rate allowed was Rupees 0-2-2 per cubic foot, providing for carriage from the Marthiyar river, two miles distant. The bricks made there are utterly useless. A large heap now lies in the Cutcherry compound; it has been rejected by the Supervisor, and very properly, as the bricks can be crushed by the heel with the greatest ease.

10. The Supervisor showed me about twenty specimens of bricks made of earth taken from as many different places within a radius of eight miles from Arealore; they are little, if at all, better than those condemned, and there is therefore

*Proceedings of the Madras Government, Public Works Department,
13th March 1874.*

nothing for it but bringing bricks from the Coleroon bank, fourteen miles distant, where there is good brick earth. Hence the enhancement of rate from Rupees 0-2-2 to Rupees 0-2-10 per cubic foot.

11. I would now observe that the construction of the sub-jail was given to a contractor by an agreement signed on the 10th March 1873, but that up to this time he has done nothing beyond collecting the bricks, now in the compound, which I have condemned. I would have taken the contract out of his hands, but unfortunately he has received advances as per margin; the amount of Rupees 1,000 added to previous expenditure, viz., Rupees 778-9-6, making the total expenditure on the sub-jail Rupees 1,778-9-6.

22nd April	...	...	...	...	RS.
25th June	...	...	...	...	500
	...	...	...	...	500
Total...	1,000				

12. From what I have seen of the contractor, and from what I hear, I fear there is small chance that this money will be recovered. I have directed the Supervisor to report after the lapse of a reasonable time whether he has taken any steps to work out his advance.

No. 325. From Colonel E. A. FOORD, R.E., Inspecting Engineer for Civil and Military Buildings, to Colonel G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Chepauk, 3rd February 1874, No. 177.

With reference to your memorandum of the 13th November 1873, No. 439, I have the honour to state that I have received from the Assistant Engineer in charge of the Trichinopoly District two plans and a letter with some further particulars of the work at the Deputy Collector's Cutcherry at Arealore. I do not think any more information can be obtained, as not one officer of the department who had anything to do with the work is now in the district. The Superintending Engineer, Major Oakes, is on furlough; the Executive Engineer, Captain Brockman, has been transferred to another district; the Sub-Engineer, Balasoondrum Moodelly, has been pensioned, and I cannot find the name of the Overseer, Danooooty Pillay, in the latest list of the establishment of the Public Works Department.

2. The expenditure incurred in 1869 was while C. Balasoondra Moodelly was in charge of the range. At the time of the stoppage of the work, the walls of the Deputy Collector's Cutcherry had been raised to the basement, and nothing had been done to the sub-jail.

3. When the work was re-commenced in 1873, Captain Brockman, who was Officiating District Engineer, employed the contractor. The security required by Clauses 1, 2, 3, paragraph 3, Section I. of Chapter XVI. was not obtained, but a formal bond (paragraph 2, Section 1) was entered into by the contractor.

4. There is no record to show whether the site was fixed by the Jail Committee. The sketch of the site bears the signature of Major Oakes, Superintending Engineer. The approval of any authority for the change of site is considered unnecessary, as the alterations made in the position of the buildings are trifling.

*Proceedings of the Madras Government, Public Works Department,
13th March 1874.*

5. The Sub-Engineer and Overseer are said to have been present when the foundations were laid, and the Overseer superintended the work.

6. I am of opinion that all masonry work should be done departmentally, the materials being obtained from contractors, and the giving of advances to contractors should be strictly prohibited. When payment is promptly made for work actually done or materials actually supplied, advances are unnecessary. Advances, moreover, are almost always used by contractors for purposes quite unconnected with the work, and the recovery of advances thus becomes hopeless.

7. I have called on the Assistant Engineer to state whether any portion of the advances in this case has yet been recovered, or whether there is any probability of its being recovered.

No. 326. From the same Officer, dated Chepauk, 13th February 1874, No. 243.

In continuation of my letter No. 177, dated the 3rd instant, I have the honour to state that the District Engineer reports that the advance made to the contractor for the construction of the Deputy Collector's Cutcherry at Arealore, Trichinopoly, has not been recovered, and that there is not any probability of its being easily recovered unless the aid of the law be invoked.

No. 327. ORDER THEREON, 13th March 1874, No. 688.

CIVIL WORKS, No. 35.

UNDER the circumstances reported by the District Engineer of Trichinopoly and Inspecting Engineer for Buildings, and to prevent further delay with the prosecution of buildings which are very much required, and the construction of which has been in abeyance for nearly five years, His Excellency the Governor in Council is pleased to sanction the revised estimates of Rupees 4,100 for a Deputy Collector's Cutcherry and Rupees 8,450 for a sub-jail and out-offices at Arealore; the former sum including an irrecoverable outlay of Rupees 662-13-5; the latter a similar outlay of Rupees 539-3-0. These losses are chiefly attributable to the selection of bad sites and use of inferior materials by officers and subordinates now not at hand to account for the same; the Range Officer, Sub-Engineer Balasoondrum Moodelly, being chiefly responsible. He has lately retired from the department, or would otherwise have been made personally responsible for the loss incurred by the faulty foundations of the Cutcherry. Had the work been carried on in 1869, this fault of construction would doubtless have become known to the Superintending Engineer and been reported by him.

2. The late Acting District Engineer, Captain Brockman, R.E., will show cause why he should not be held personally responsible for the Rupees 1,000 said to have been advanced by him to a contractor without any security, contrary to the standing orders of the department; but the present District Engineer will be none the less responsible that proper measures are adopted in communication with Captain Brockman for the recovery of the advances, and summary punishment of the defaulter so far as the nature of the bond will permit.

*Proceedings of the Madras Government, Public Works Department,
13th March 1874.*

3. The attention of all District Engineers and Range Officers is called to the Inspecting Engineer's remarks as to the impropriety of giving out lump contracts, a practice which has already been forbidden in G. O., No. 1,736, of 22nd July 1872 and further persistence in which, except in exceptional cases where contractors of undeniable solvency and knowledge of work are available, will render the officers concerned liable for any losses which it may involve.

(True Extract.)

Colonel, R.E.,
Secretary to Government.

To District Engineers.
To the Executive Engineer, Wynaad.
,, Inspecting Engineer for Buildings.
,, Judicial Department.
,, Revenue do.
,, Financial do.
,, Officiating Controller of Public Works Accounts.

No. 243

OFFICE OF THE INSPECTING ENGINEER
FOR CIVIL AND MILITARY BUILDINGS,
Chepauk, 13 February 1874.

From

THE INSPECTING ENGINEER
FOR CIVIL AND MILITARY BUILDINGS,

To

*The Chief Engineer
P.W. Department.*

Sir,

In continuation of my letter
No. 177, dated the 3rd Instant. I have
the honor to state that the District
Engineer reports that the advance made
to the Contractor for the construction of
the Deputy Collector's futcherry at Are-
alore, Trichinopoly has not been re-
covered, and that there is not any pro-
bability of its being easily recovered, un-
less the aid of the law be invoked.

I have the honor to be,
Sir,

Your most obedient servant

Edw. M. L. R.E.
Inspecting Engineer
for Buildings.

10/17/74

Ch 326

It is stated that the contractor for the construction of the Deputy Lt. Govt's residence at Bangalore, which was estimated by the Engineer-in-Charge, has been re-estimated.

Dated 13/12/74
Recd. 16/12/74

Ch 326-15-3-74

Ch 326-74

The Chief Engineer,
B. P. P.

The Inspecting Engineer
for Buildings,

From

S. M. 18/1/74
No. 243

Provincial
Civil Buildings

Trichinopoly District
Mudharpothi Taluk
Abstract & estimate No.

New Works

of 1873-74

Work. Revised & estimate for constructing a sub Jail of 2 large and 2 small wards with Police Guard room and sub houses detached at Arealode.

Quantity	Description of Charges	Rate	Per Amount	Total
15377 3/8	Cft Brick in Chunan	@ 2 10	Cft 2723 1/2	
5264 1/4	Sqr Plastering & Conts	2 12	Sqr 144 7 1/2	
1440	— Flooring with 8" square bricks	6		86 6 5
3870 1/2	— Painting	1		38 11 3
6252 1/2	— Roofing with teakwood reapers			
	2 x 3/4 nails, flat and pan tiles see	22		1347 12 10
569 1/2	Cft Teakwood	4 2	Cft 3685 4 1	
57	6 in stone slabs	1		57
2	Iron barred doors with gratings			
	4x7 without frames to be let into stone	23	each 46	
2	Iron barred doors with batten			
	6 ft high 4x7	26		52
7	Iron barred Ventilators 5x2 with			
	thin boulders	12		84
1	Teakwood Batten door 4x7	35		35
	Sinking well			75
492	Sqr Flooring with asphalted and			
	levelling course see	25	Sqr 125	
1135 3/6	Cft Mud Walling	4 3 8	Cft 25 14 10	
2787 1/2	Sqr Mud plastering and white			
	washing	4 9 4	Sqr 15 10 1/2	
	Fencing enclosures			35

8506 1/5
8507 3/8

8576 1/2
8534 3/8

Wood siling 169 6
Scaffolding 74

Add value of materials pre-
pared and washed away in
the Mawdeyar floods as well
as value of existing bricks
unfit for use

639 3/4
9288 13 3
9286 12 3

Excavating foundation and
sundries at 5 per cent

461 2 1
468 3 4

Cost of Hospital 1200-0-0
excise rate (0-0-2) charged
for brick in Chumam 100-7-4
in this estimate

1300-7-4 Total Estimated Rupees 9750
1300 24

Edmund
Superintendent Range

No 3 Range Office
24th September 1873

James Vetter

Detail of Expenditure incurred in the
Sub Jail at Arealone which can not
be utilized.

Quantity	Expenditure as per Report	Rate	Amount
100,000 Bricks	per 1000 @ 3	300	300
310 Paras Chumam	@ 4	1240	1240
196x lbs flat iron	@ 1	124	124
249 3/4 Square iron bar	@ 1	1599	1599
Labor & sundries		133	133

Total - 639 3/4

24th September 1873

x these items are
missing.

Edmund
Superintendent Range

D. P. M.
Trichinopoly District
H. 300

Modiyarpotham Range

Provincial
Civil Buildings
New Works.

Estimated Rs 174 of 1873-74
P.W. 5620/73

Pl. of 13th March/74
L. B. 324

Revised Estimate for
Constructing a sub soil
of 2 large and 2 small
wards with Police guard
room and out houses
detached at Arealore.

Estimated Rs 9750-0-0

Office of the Inspecting Engineer
for Civil and Military Buildings
Chennai R. 3 February 1874

From

Colonel E. A. Ford, R.E.
Inspecting Engineer
for Civil & Military Buildings

Colonel J. W. Walker, R.E.
Chief Engineer
P. W. Department.

Enclosures 5

1. Letter 12360
18 October 1873
from District Engineer
of Trichinopoly

2. Plans
3. Revised estimates

With reference to your Memo
of the 13 November 1873, No. 439, I
have the honor to state that I have
received from the Assistant Engi-
neer, in charge of the Trichinopoly
District, two Plans and a letter
with some further particulars of the
work at the Deputy Collector's
Jutcheri at Arealore. I do not think
any more information can be ob-
tained as no one official of the De-
partment

Department, who had any thing to do with the work, is now in the District. The Superintending Engineer Major Oakes is on furlough; the Executive Engineer Captain Brockman has been transferred to another District; the Sub Engineer Balasoundra Moodelly has been pensioned, and I cannot find the names of the Overseer Danoochoy Pillay in the latest list of the establishment of the D. P. W.

2. The expenditure incurred in 1869 was while (Balasoundra) Moodelly was in charge of the range. At the time of the stoppage of the work, the walls of the Deputy Collector's Futcherry had been raised to the basement and nothing had been done

done to the Sub Jail.

3. When the work was recommenced in 1873, Captain Brockman, who was officiating District Engineer employed the Contractor. The security required by clauses 1, 2, 3 para 3 section 1 of Chapter XVI was not obtained, but a formal bond (para 2, section 1) was entered into by the Contractor.

4. There is no record to show whether the site was fixed by the Jail Committee. The sketch of the site bears the signature of Major Oakes, Superintending Engineer. The approval of any authority for the change of site is considered unnecessary as the alterations made in the position of the buildings are trifling.

5. The Sub Engineer and Overseer are

are said to have been present when the foundations were laid, and the Overseer Superintended the work.

6. I am of opinion that all masonry work should be done, departmentally, the materials being obtained from Contractors and the giving of advances to Contractors should be strictly prohibited. When payment is promptly made, for work actually done, or materials actually supplied, advances are unnecessary. Advances moreover are almost always used by Contractors for purposes quite unconnected with the work, and the recovery of advances thus becomes hopeless.

7. I have called on the Assistant Engineer to state whether any portion of the advances in this case has

has yet been recovered, or whether there is any probability of its being recovered.

I have the honor to be,
Sir

Yours most obedient servant
Edw. J. R. E.
Inspecting Engineer
for Buildings.

638

Public Works Department

Proceedings of the Madras Local Board

Read the following

from

The District Engineer

Trichinopoly

Inspector of Buildings

(H. E. No. 300 of 16th Dec 1914)

177 - 3rd July 1914
243 - 13th July 1914

Under the circumstances reported by the District Engineer of Trichinopoly and Inspecting Engineer for Buildings, and to prevent further delay with the prosecution of buildings which are very much required, and the construction of which has been in abeyance for

[Faint handwritten notes]

P. N. 1874 Madras

from

No. 665

The District Engineer for Civil & Public Buildings

The District Engineer

Trichinopoly

No. 177

Trichinopoly 27th Dec 1914

Encl. 5

Report regarding the work at the

General Collector's

quarters at Madurai

in Trichinopoly District

No. 688-15 Madras 1914

No. 685

For 17/12/14

for nearly five years
His Excellency the Gov.
not in Council is pleased
to sanction the revised
estimates of Rs 4,100
for a Deputy Collector
Pulcherry and Rs 8,400
for a Sub Jail and out
offices at Arealone,
the former sum inclu-
ding an irrecoverable
outlay of Rs 662-13-5,
the latter a similar outlay
of Rs 539-3-8. These
lopes are chiefly attri-
butable to the selec-
tion of bad sites
and use of inferior
materials by officers
and subordinates now
not at hand to account

I think that the descrip-
tion of the foundation of the
new building is
not very creditable ex-
actly as heard of.
This is also promi-
nently noticed in the
D.P.

The Range
for the same and further
officer, Sub Engineer Pulcherry
being chiefly responsible
for the same. He has lately returned from the
work which has been
done or would have been
done personally
into the state of affairs
responsible for the
loss incurred by the
But they are never
fully foundations of the building
And the work which was carried on in
1869, this fault of construction would
doubtless have been the same.
conclusion to the Sub Engineer, then re-
spected by him - 2. The late Acting
District Engineer
Capt. Brockman P.E.
will be held responsible
for the pecuniary loss of Rs 1,000 said
to have been advanced
by him to a Contractor
without any security,
contrary to the standing
orders of the Department.

Not so
will flow cause by
to be old or a new
personally responsible
for the loss of
the amount of
Rs 1,000
M.P.

But the present District
Engineer ~~Inspector~~ ^{Inspector} ~~Inspector~~
will be more than ~~less~~
responsible that proper
measures are adopted
in communication
with ~~the~~ ^{the} ~~Inspector~~ ^{Inspector}
for the recovery of the
advances and summary
punishment of the
defaulter so far as the
nature of the bond
will permit.

3. The attention of all
District Engineers and
Range Officers is called
to the Inspecting Engineer's
remarks as to the improp-
riety of giving out
bump contracts, a prac-
tice which has already
been ^{on order} denounced in Ed.
No. 1736 of 22 July '72.

12
and further persistence
in which, except in
exceptional cases where
contractors of undoubted
solvency and
knowledge of work
are available, will
render the officers
concerned liable for
any losses which it
may involve.

G.M.

To
Dt. Insp. ✓
Eng. Insp. W. Ward ✓
Insp. Insp. for W. G. ✓
J. A. Dept. ✓
Rev. Dept. ✓
Fin. Dept. ✓
Off. for holder with recd. att. ✓
Dept. 18/3/74. W. Ward

665-9231-5688

Govt. of Madras.

PUBLIC WORKS.

1. District Engineers

Print soon
27-2-74

Dated

Recd.

Encl.

G. O. 13th March 1888.

No. 324 @ 327

By Colbr Cutcherry & Sub Jail
at Arcalur. Inchinopoly 8th

Revised Estimates of
Rp. 4100 for a by Colbr
Cutcherry & Rp. 2450 for a
sub Jail at Arcalur in the
Inchinopoly 8th some
the remarks and the
attention of S^r Engrs called.
the remarks of the Insp. Insp.
Buildings relative to the
proprietor of giving out dump on
roads -

17 Feb 74