

20TH OCTOBER 1885, No. 2454 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 2nd October 1885, No. 2377 B:—

With reference to G.O., No. 4991, dated 11th ultimo, I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below-mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned:—

- I. Detail and abstract estimate for Rs. 6,445 for rearrangement of the water-supply of Fort St. George.
- II. Copy of abstract estimate.
- III. Report.
- IV. Two plans.

No. 5462, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

OOTACAMUND, 3rd October 1885. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

ORDER—dated 20th October 1885, No. 2454 W., Public Works.

The estimate, amounting to Rs. 6,445, for rearranging the water-supply of Fort St. George, is sanctioned for execution when funds are available.

2. This sanction has been registered as Imperial, Ordinary, No. 42 W. of 1885-86, and classified as Military, Original Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle, with three enclosures.
" Examiner, Public Works Accounts, with the abstract estimate.
" Military Department.

Exd. J. Henricus.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated October, 20th.

Recd.

Encl.

G.O., 20th Oct. 1885, No. 2454 W.

OCTOBER.

Water-supply of Fort St. George

Estimate for rearranging the —, sanctioned.

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

Chepak, 16th December 1887.

No. 3966

From

Colonel A. M. Tibart P.E.,

SUPERINTENDING ENGINEER, V CIRCLE,

To

THE

Chief Engineer
P.W. Department

SIR,

Enclosures.

I have the honor to report that the Estimate of Rs 6445 sanctioned in G.O. No. 2454 W dated 20th October 1885 for Improving Water Supply of Fort St. George has been carried out and work completed, but the expenditure has exceeded the Estimate by Rs 2284 as shown by the enclosed Deviation Statement.

The excess is due apparently to additional work, which could not be foreseen, having been found necessary as the work progressed and

And as the work has been completed
and a Revised Estimate is therefore
not now required under Code para
955 the Executive Engineer has been
requested to explain the Cause of the
excess in the Completion Reports.

I have the honor to be

Sir,
Yours most obedt. servt.

Arthur Westcott Esq. R.E.,

Superintending Engineer
- 5 -

From P.W.C. No. 10363
The Supy Engineer
5 Circle.
To the Chief Engineer
P. W. Department.

Dated 16th }
Recd 17 } December 1887.

Encl 1.



No 9C-5-1-88

No 3966.
Water Supply of Fort
Saint George.

Refers that the Encl.
- make of Rs 6445 Sanc-
- tioned in G. O. No 2454 of 20th
dated 20 October 1885 for
improving the - has executed
by Rs 2287.

Public Works Department.

Current No. 10363

Letter No. 3966

Dated the 16 December 1887

From the Supy Eng^r 5 Circle

NOTE OF REMARKS.

The accompanying
Revision Statement
is for improving the
Water Supply of Fort
St-George.

The original Estimate
amounting to Rs 6445
was sanctioned in
G. O. No 2454 of 20th
October 1885. The
Estimate has been
reduced by Rs 2287
which it is stated
is apparently due
to additional work
which could not be
forecast, and that
the Executive Engineer
has been called upon
to explain the cause
of excess in the Completion
Report, perhaps it

would be well to wait
for the submission of
the report -

A draft is put up
requesting S.E. to expedite
the submission of the
Completion Report.

am
21/12
87

The cases are fair -

am
21/12

C. No 10363

No 90 of 5th January 1888

Memo

With reference to your
letter No 3966 of 16th
December 1887 from
the Supy. Engr. I write
the undersigned
has the honor to
request the early
submission of
the completion
report giving
full explanation
of the cause of
Excess of Rs 2287
in the Estimate
of Rs 6445 sanctioned
in G.O. No 24544
of 25th October 1887
for improving the
water supply of
Fort St. George.

am
21/12
87

To the S.E. V

Chapala

am
22.12.87

2. 4. 2. 3.

No 2484 H of 20-10-85.



No 96 of 5th January 1888

✓ 7-8/6
5-1-88

15/11
6/11

Done

18/2.

The Supply of...

2538
1888

Regarding the...

The...

Done

No. 9c45-1-88

1888.

P. W. DEPARTMENT.

Current No. 3120

From

The Supdy. Engineer
v circle

ENCLOS.—

No. 5538

Dated 28th March 1888

Received 4th April 1888

SUBJECT.

Requesting that the statement
of deviations from the
sanctioned estimate for improving
the water supply of Fort St.
George sent with his letter
No. 3966 of 16-12-87 may
be returned.

DISPOSAL.

No. 1467c Dated 6th April 1888

The deviation statement
returned accordingly
(sd) W. L. C. B.

D. E. W.

B 11/4

Recd
7/4

17/5

Public Works Department.

Current No. 4848

Letter No. 737

Dated 21st May 1888

From the Supdy. Eng. T. C. C.

Deviation - See note within

NOTE OF REMARKS.

The accompanying
completion report
on the estimate for
the water supply of
Fort St. George is
submitted with
reference to the
Office Memo No 9c
of 5th January 1888

The estimate amounting
to Rs 6445 was sanctioned
in L.O. No 2454 W of 25th
October 85 and has
been executed by
No 2177-8-8, the cause
of error are as follows
1. Excavation - During
the soil being sandy
the excavation had
to be made wider
and consequently exceeded
the amount provided

in the Est: by Rs 495-1-6
5 Cement plastering. The
Excess on this item is Rs 464

11.5" Cast iron socket pipes laying
- Excess Rs - 563 -

25.5" wrought iron pipes with
couplings complete and
laying - This item was
omitted in the Estimate
but was subsequently found
to be necessary Rs 224

26 - 1 1/2" wrought iron pipes
which were not included
in the Est: but subsequently
found necessary Rs 149

27 - Brick work in cement and
cement plastering omitted
in the original Est: Rs 244.96

28 - Brickwork in socket mortar
omitted in the Estimate
Excess Rs 255-15-4

42 - Laying and repairing
floor and drains in
the Upper Lumber, omitted
in the Estimate Excess
Rs 119-7-4

50 Brass Flaps required
to stop the water from
the ditch entering
the Cisterns through
the old discharge
pipes, omitted in
the Estimate, Excess Rs 120

54 - Stopping cracks with
Cement & Portland

Cement - Omitted in
the Estimate - Excess Rs 259-4-6

55 Concrete in socket mortar,
omitted in Est: Excess Rs 823
and to some other
minor changes and
omissions in the
Est: -

The Completion
Report is replete with
items of omission
in the Est: - and
the Estimate has
been increased from
Rs 6445 to Rs 8622-8-8
or by Rs 2177-8-8 -

The Estimate does
not appear to have
been properly considered
when under preparation.

and

25/5/88

The original Est of Rs 6445 was
for re-arranging the water supply,
a class of work which it is difficult
to estimate for, as alterations are
made as the work progresses. Mr

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

No. 737.

Bangalore
Chepak, 21 May 1888.

From

SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
P. W. Deptt.

SIR,

With reference to your

Memorandum No. 9 C. dated 5th January 1888, I
have the honor to submit for sanction
the Completion Report for Improving
the water supply of Fort St. George,
in which the cause of excess outlay
of Rs 2177-8-8, on the original estimate
of Rs 6445. sanctioned in G.O. No. 2454
of 20th October 1887, is explained.

The Deviation Statement received
with your endorsement No. 1467 C dated
6th April 1888 is herewith returned.

I have the honor to be,

Sir

Your most obed^t servant.

W. J. P. Sublet Esq. P.E.

Supg. Engineer V Circle

Enclosures 2

1 Completion
Report.
1 Deviation State-
ment.

2
1888

no 1467 c of 6.4.88.
9 c of 6.1.88
2454 W of 20.10.85

PWC No 4848

From

THE SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
P.W. Department.

Dated

21st May 1888

Recd.

23.5.88

ENCLOSURES. 2

No 1688 W of 7th June 1888

No. 737.

Improving the Water
Supply of Fort St. George.

Submits for sanction
the Completion Report.
for —

With Order

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras,

Chepak, 25 June 1888.

No. 1224.

From

Colonel S. M. Thwait R.E.

SUPERINTENDING ENGINEER, V CIRCLE,

To

THE Chief Engineer.
P.W. Department.

SIR,

Enclosures.

In continuation of my
Statement of Demands for 1888-89 on
account of Incomplete Major works
of 1884. & under Military No 955
dated 6th June 1888, I have the honor
to request that an allotment of
Rs 2148, may be appropriated being
the excess sanctioned in G.O. No 2148
dated 4th June 1888, over the origi-
-mal Estimate for Improving the
Water supply of Fort St. George.
The appropriation is requested for
making final payments to the
Contractor.

I also request that
the

the Completion Reports of the works
submitted with my letter No. 737 dated
21st May 1888 may be returned, as
it is required by the Executive
Engineer for submission to the
Examiner.

I have the honor to be
Sir,
Yours most obed. servt.
Herbert Robert
Colt. R.E.,
Superintending Engineer
— 5th Circle —

1267 C-6-4-88
9 C-5-1-88
2454 W-20-10-88

From

The SUPERINTENDING ENGINEER,

V Circle,

To

THE

Chief Engineer.
P. W. Department.Dated 25
Recd. 27June - 1888
2373 W

ENCLOSURES.

No. 1224

Funds.

Requesting to allot
Rs 2148. the excess sanctioned
over the Original Estimate
for Improving the
Water supply of Fort
St. George - for making
final payments to
the Contractor.

MADRAS RECORD OFFICE.

Block No.

Paper taken out of the Records from the charge of the Referencer,

Dept. P. W. D.

Press
Mis.
Rout.

No. 2049

dated 7-7-1888

101

Rank No.
Range,

Date taken out	FOR WHAT PURPOSE.			Initials of Referencer.	Date returned.	Initials of attender.
	Department	C. No.	Year.			
3-5-12	For Curator thru Subbarao for refer				18/7/12	

The demands on
account of incomplete
works of 1887-88 having
been settled and orders
thereon passed it is now
impracticable to allot
the amount required
for "improving the water
supply of Fort St. George."

If reappropriation of
funds cannot be
proposed the S.E.
will apply for the
amount later in
the year.

The Engineer will
return to the Engineer the
completion report forwarded
to him with G. No. 1688 W
of 7th June 1888

Cu
3-7-88
2/7/88
Shelb
Exam. put up.

P-12/7

P. W. D. 6 No 16154/13.7.85.

P.W.D. 5786

From

The Executive Engineer
in charge of 4th Circle.

(1)

Dated 13th }
Recd. 18 } June 1888

No. 2048 of 6/6/88

No. 237
hw

Encls. 1

O.G. guttering to Mount
Stuart Drain Buildings
at Cotacamund :-

Forwarding for
sanction & provision of
funds an estimate of
Rs. 660 for providing -

154/11/88 }
11/88 }
154/11/88 }
11/88 }
154/11/88 }
11/88 }

18/6/88

Public Works Department.

Current No. 5786

Letter No. 237 E. W.

Dated 13th June 1888

From the Executive Engineer in charge
of 4th Circle

Sanctioned 19.6.88

NOTE OF REMARKS.

The estimate under
current amounting
to Rs 660 provided
for O.G. guttering to
the Mount Stuart
main building at
Cotacamund -

The rates as far
as can be checked
are fair -

The estimate has
been countersigned
by Mr. D. W. General
but apparently requires
the approval of Mr.
Mr. M. J. D. :-

+ No. - The work
will be carried out from
Provisional funds. 14/6/88
19.6.88

3-26-6-88 11.7.88

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

Read the following:—

From the Superintending Engineer in Circle No. 237 E. of 13th June 1888

The estimate amounting to Rs 660 for providing ^{Osce} ~~Osce~~ guttering to the mount Stuart buildings at cotacamund, is sanctioned as supplemental to the estimate of Rs 199 45⁰⁰ sanctioned in G. O. No 16154 dated 13th July 1885, for the main building.

2. A sum of Rs 3299 ^{was} allotted to the ~~building~~ in the orders on the statement of demands on the reserve with the Government. A further allotment will be made on application by the Suptg Engineer later in the year.

3. This sanction has been registered as Provincial No. 49 W of 1888-89 and classified as Civil Buildings Original works

MEMO

25.6.88

1. The Suptg. Engr. in Circle with 1 enclosure.
2. Exam^r of P. W. accounts with the abstract estimate for note and return to the Suptg. Engineer.
3. Military Department.

P 917

Cu

27/6/88

2676

10-5-88

bar

(11)

5 cup
1/7/88
B h
10 2/7

48 W d/b July
1888

38.2.7.11
0.7.11
all 15.2.7.11
11.7
26.6.88
12/7

12/7/88
11.7
12/7