

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers:—

From Captain W. M. ELLIS, R.E., Executive Engineer, Kistna Northern Division, to the Superintending Engineer, II Circle, dated 4th February 1895, No. 514 S.E.

In continuation of this office No. 475 S.E., dated 16th January 1895, paragraphs 2 and 3, I have the honour to inform you that the Examiner, Public Works Accounts, in his final remarks on the audit note for September 1894, writes as follows in connection with payments of fees made to the East Coast Railway for passing over the Kistna bridge:—

“As the charge is likely to be a recovering one, sanction of Government should be obtained thereto;” apparently meant “recurring.”

2. If you agree in the view expressed by the Examiner, I request that you will be good enough to obtain the sanction of Government for payment of fees demanded by the East Coast Railway for officials passing over the Kistna bridge on *bonâ fide* Government duty.

3. The charges will only be incurred during the period the officials cannot go over the Kistna anicut.

No. 2610 K.S.

Submitted to the Chief Engineer, Public Works Department, for favour of the sanction of Government being obtained for payment of tolls for Public Works Department officials passing over the Kistna bridge on duty.

YELLAMPALLI,
21st February 1895.

(Signed) W. L. C. BADDELEY, Major, R.E.,
Superintending Engineer, II Circle.

Office-note from the Examiner, Public Works Accounts, dated 9th March 1895, No. 853 D./E.

As the bridge is Government property, persons crossing it on Government duty might, it is thought, be exempted from individual payment of toll. If a count was kept of the number of such persons crossing the bridge, the amount due to the Railway on such account could always, if necessary, be calculated and adjusted by transfer between the Examiner of Accounts, East Coast Railway, and my office.

2. Strictly speaking, the revenue of the Railway is entitled to receive from Government payment of toll from all persons crossing the bridge on Government duty; but considering that the charge on this account only averages about Rs 6 a month, the deprivation to the revenue of the Railway would be barely appreciable should the Railway authorities agree, in communication with Government, to waive their claim against Government on this account.

From the Manager, East Coast Railway, to the Consulting Engineer for Railways, dated 23rd March 1895, No. 2481/248.

In acknowledging receipt of your endorsement, No. 935, dated 16th instant, I have the honour to inform you that the tolls on the Kistna bridge are now farmed out and the right to pass other than Railway servants free has not been reserved.

No. 1354 C.

Copy forwarded to the Secretary to Government, Public Works Department, with reference to his endorsement, No. 1078 C., dated 14th March 1895 (returned in original).

(Signed) A. D. G. SHELLEY, Captain, R.E.,
Under Secy. to Govt., P.W.D.,
Railway Branch.

ORDER—dated 22nd April 1895, No. 921 W., Public Works.

As the tolls have been farmed out, it is necessary that cash payments should be made and no such count and adjustment as that suggested by the Examiner is feasible. Public Works officials crossing the bridge will therefore pay the tolls in cash and recover the cost through the office contingent account. It will, however, be considered in the Railway Branch whether a free passage to all Public Works officials crossing the bridge on duty should not be reserved in future contracts for the collection of tolls.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
„ Examiner, Public Works Accounts.
„ Public Works Department, Railway Branch.

GENERAL.
ACCOUNT.

Govt. of {1895} Madras.
PUBLIC WORKS.

Dated April, 22nd.

Recd.

Encl.

G.O., 22nd April 1895, No. 921 W.

APRIL.

Tolls

Orders directing that Public Works officials crossing the Kistna bridge should pay the — in cash and recover the cost through the office contingent account, and referring, for consideration in the Railway branch, the question of reserving in future contracts for the collection of tolls a free passage to all Public Works officials crossing the bridge on duty.



From Captain W. M. Ellis R.E., Executive
Engineer, Kistna Northern D. to the
Supg. Engineer, 2nd Circle, d/4.2.95, N.
514 S. E.

In continuation of this office N. 475 S. E.
d/16.1.95, Paras 2 & 3, I have the honour
to inform you that the Enamined, P. W.
Accounts, in his final remarks on the
Audit note for September 1894, writes
as follows, in connection with payments
of fees made to the East Coast Rail
way for passing over the Kistna Bridge.

"As the charge is likely to be a re-
curring one, sanction of Government
should be obtained thereto," appa-

rently meant "recurring"

2. If you agree in the view expressed
by the Enamined, I request that you
will be good enough to obtain the
sanction of Government for payment
of fees demanded by the East Coast
Railway for officials passing over the
Kistna Bridge on bona fide Government
duty.

3. The charges will only be incurred
during the period the officials cannot
go over the Kistna strait.

N. 2610 Hs
21.2.95

Submitted to the Chief
Engineer, P. W. Department, for
favour

in favour of the sanction of Government
being obtained for payment of tolls
for P.W.D. Officials passing over
the Krishna Bridge in duty

Camp Yellampalli }
17.2.95 }
Major R. B. }
Supg Engr: H. C. }
Cmle.

Rs. 5.2
25/2/95

No. 853 $\frac{2}{3}$ d/9-3 95

To W.

As the bridge is Govt. property persons crossing it on Govt. duty might, it is thought, be exempted from individual payment of toll. If a count was kept of the number of such persons crossing the bridge, the amount due to the Railway on such account could always, if necessary, be calculated and adjusted by transfer between the Examiner of Accounts, East Coast Railway & my office.

2. Strictly speaking the revenue of the Railway is entitled to receive from Government payment of toll from all persons crossing the bridge on Govt. duty; but considering that the charge on this account only averages about Rs. 6 a month, the deprivation to the revenue of the Railway would be barely appreciable should the Railway Authorities agree in communication with Government to waive their claim against Government on this account.

No. 1078 Cd/14 - March 1895
To R

In favour of

Remuneration

Rs. 100

15/3/95

Cd 1078
13/3/95

From
The Supg Engineer
Second Circle

To The Chief Engineer
P.W. Department

Dated 21st February 1895
No. 2610 Hs

Tolls for P.W.D. Officials
passing over Kistna bridge
— Requesting to
obtain sanction of Govt.
for payment of

113
11.3.95
Recd. 26.2.95
No. 786 Cd/1st March 1895
90 C
For favour of
memorandum as to whether
the charge should be
borne by Govt.
C.M.S.
26.2.95
D.W.

Letter from the Manager, East Coast Railway, to the Consulting Engineer for Railways, Madras, No. 2431, dated 23rd March 1895.

In acknowledging receipt of your endorsement No. 935, dated 13th instant, I have the honor to inform you that the tolls on the Kistna Bridge are now farmed out and the right to pass other than Railway servants free has not been reserved.

No. 1354 C dated 29th March 1895.

Copy forwarded to the Secretary to Government, Public Works Department, with reference to his Endorsement No. 1073 C, dated 14th-- March 1895. [returned in original].

A. G. Shetty
Captain R.E.,
Under Secretary to Govt. P. W. D.,
Railway Branch.

(4)

B
List

As free passes cannot be granted to P. W. & officials crossing the Kistna bridge on Govt. duty, R.R. the Governor in Council considers that the arrangement suggested in para. of the Examiner's office-note should be adopted. A count will accordingly be kept of the number of such persons crossing the bridge, and the amount due to the Railway adjusted by transfer between the Examiner's Accounts, East Coast Railway & the Examiner, Public Works Accounts.

COPY
9/5/10

To R for favour
of count initials

W. at Ordnance
COPY
D. W.

Encls 2

Decs: 25.3.95

Rev 1.4.95

with disposal

921W/921W

This does not run count -
The essence of E. R.'s note is that the tolls being then found out each payment must be made and no such account as that proposed can be kept. No question is whether the amount would be found in tolls should be received from the Shikhy and entitled to Principal fund; this would be possible but is not worth while -

For the point the only course is for the officials concerned to pay in cash, and for the point to maintain the record of all such payments, but in future rules of the right to collect tolls, then payable to all O.W. officials, coming the in on duty should be secured

S 11/10

The Supt. Engr. & Borele
Examiner P.W. Accounts
Engr. Supt. for Railway

Sub.

N^o 921 W. d/22^d April 1895-

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Endorsement by the S.E. & Co. on letter from the Executive Eng^r. Krishna Vathern S^r N^o 574 S.E. dated 4 February 1895

(H.E. N^o 2670 K.S. d/21 July/95, 853 S/E d/9 March/95)

Office Note from the E.P.W.A.

Memo. from the Railway Branch } (N^o 1354 C d/29th " ")
P.W.D.

As the tolls have been farmed out, it is necessary that cash payments should be made, and no such count and adjustment as that suggested by the Engineer is feasible. Public Works officials crossing the bridge will therefore pay the tolls in cash and recover the cost through the office containing

account. It will, however,
be considered in the
Railway Branch whether
a free passage to all
P.W. officials crossing the
bridge on duty should not
be reserved in future
contracts for the collection
of tolls.

CHAS
18/95
S
204

B/Eng

S. E. H. *Carb*
DEPARTED
Ex P.W. 22 MAY 95
The P.W. & Railway B.S.

Public Works Department.

Current No. 1837Letter No. 774 V₃Dated 27 February 1895From the Super Engineer I Circle

NOTE BY TECHNICAL SECTION.

Name of Work Constructing a residence for the Conservator of Forests at Waltari.Amount of Estimate, Rs. 16000

PARTICULARS OF ESTIMATE.

Main Building	<u>Residence</u>	Rs.	<u>14160</u>
	<u>Kitchen & Servants Qu.</u>		<u>720</u>
Subsidiary Buildings	<u>Stables & Coach house</u>		<u>580</u>
	<u>Gate, with fence & ditch</u>		<u>140</u>
Contingencies	<u>about 3% (Rs 410)</u>		<u>"</u>
Petty Supervision	<u>do 2% (Rs 285)</u>		<u>"</u>
Land compensation			<u>300</u>
Wall			<u>100</u>
Total Rupees ...			<u>16,000.</u>

PARTICULARS OF CONSTRUCTION.

Surface soil: stated the red sand mixed withSub soil do. do.

Foundations The excavations for the foundations are to be 9 feet deep. The lower 3 feet to be filled in with sand, the center of a depth of 3 feet with concrete & the remaining depth with random rubble in chunam.

Basement is to be raised 2 feet and built of random rubble in chunam.

Walls of the basement & first floor are to be raised 15 feet each, to bottom of terrace & built of random rubble in chunam with flat & semicircular arches of brick in chunam over voids.

Plastering or Pointing the interior & exterior of the building is to be plastered with 2 coats of chunam & whitewashed.
 Flooring is to be of concrete 6" thick & plastered over with chunam. The first floor is to be terraced throughout.
 Roofing is to be terraced with brick on edge 3" of concrete & 3" courses of flat tiles supported by teak joists & beams.
 Doors and Windows are to be of teakwood as per description noted in the estimate & painted with 3 coats of Caran's oak paint.
 Roof timbers to be of teakwood for the main building & crumby wood for the outhouses.
 Scantlings are correct.

Rates are fair.

The plinth area of the main building is 4,209 square feet, and the cost per square foot will be Rs. 3-5-9.

The plans and estimates have been countersigned by the Conservator of Forests, Northern Circle, who has not been and approved in the Revenue Dept. Department.

REMARKS.

The plan & estimate under review have been framed with reference to G.O. No. 1187 dt dated 12th May 1934 & per order for constructing a residence with outhouses for the Conservator of Forests, Northern Circle, at Waltham in the Vizagapatnam District.

The main building is to be two storied and the basement floor will consist of the following rooms &c.

Drawing room	20'0" x 16'0"
Dining room	23'6" x 16'0"
Office room	20'0" x 15'0"
Bath room	10'0" x 6'0"
Shed room	16'0" x 8'0"
Store room	12'0" x 8'0"
Main stairs & Hall	23'6" x 9'0"
Stairs near office	23'0" x 8'0"
Porch	16'0" x 12'6"

with verandahs 8 feet wide.

The first floor is to consist of 3 bed

3 bed rooms with bath rooms attached thereto.

Bed room over dining room	24'0" x 16'6"
2 bath rooms each	7'6" x 8'6"
Dressing room	12'6" x 8'6"
Bed room over drawing room	22'6" x 16'6"
Bath room	7'6" x 8'6"
Bed room over office room	22'6" x 15'6"
Bath room	10'6" x 6'6"

with verandahs & stair case landing as per plan.

The Conservator of Forests in countersigning the plan & estimate, wishes for certain trifling alterations viz a second bath room to one of the smaller bed rooms or at least a second door in the bath room attached to the bed room over the office. These suggestions can be made without materially affecting the cost of the building.

The cost on the proposed building calculated as per Code rules will be as follows:
 Estimated cost of building Rs 16,000
 add 10% for slab work & plant - 1,600
 add cost of site - 300

Total Capital Cost Rs 17,900

4% on Capital to time interest Rs 716.00
 3% on - do - for repairs - 537.00
 15% on repairs for slab work & plant 53.70
 Total annual rent Rs 1,306.70
 - do - per annum 108.89

or Rs 108.14.3 which will be a trifling increase viz (108.14.3)

+ This figure should have been Rs 17,600 as the estimate gives 16,000 included Rs 300 for land compensation.

Cg

over 8% on the salary of the
Conservator of Forests which
will be Rs 108 per mensem
on the salary of Rs
1350 which is drawn by the
Conservator.

No plans have been sub-
mitted for the out buildings

No.
29.11.95.

If the foundations are to be laid
to ground level of concrete instead
of 3 feet of concrete & 3 feet of rubble
masonry a saving of Rs 170 will
be effected & the amount of
concrete reduced from Rs 16000
to Rs 15830.

No.

7.
The foundations are at present
too narrow by one foot - I refer to
the concrete portion only - But if we
do away with underground masonry
work & take the concrete to ground
level we shall want to widen
the concrete by 6" only. It is that
has been considered in estimating the
saving at Rs 170?

CH 130
495

No. The width of concrete has not
been altered in the saving of
Rs 170. If the width be increased
by 6 inches thus making concrete
foundations 4 feet wide & 6 ft.
deep, as now shown in pencil
on plan, the saving will be Rs 215
& not Rs 170 as reported in the
note.

There is a large. At the
may be sanctioned
and 65 lakhs to
CH 130. 5.11.95. E

22ND APRIL 1895, No. 920 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From A. H. GARRETT, Esq., Superintending Engineer, I Circle, to the Chief
Engineer, Public Works Department, dated Dowlaishweram, 27th February
1895, No. 774 V.Z.

Referring to G.O., No. 1187 W., of 12th May 1894, I have the honour to submit
plan and estimate for a residence for the Conservator of Forests at Waltair.

2. The plan originally drawn up by the Executive Engineer was based on a
rough sketch supplied by the Conservator of Forests. This plan did not appear to
me to be suitable and I accordingly prepared the plan now submitted.

3. In accepting the present plan the Conservator of Forests wishes one or two
suggestions (vide copy of his No. 2169, dated 9th February 1895, herewith enclosed)
which can easily be carried out and will not materially affect the cost of the
building.

4. The salary of the Conservator is Rs. 1,350 a month.

5. The design would be a much more satisfactory one if the verandahs were
made 2' wider, but this, I am afraid, is out of the question.

Note by the Chief Engineer, Public Works Department.

The foundations as proposed are too narrow, by one foot, for the superincumbent
underground masonry. But by abolishing the latter and substituting concrete to
ground level, the concrete need be widened by 6 inches only to make it 2 feet wider
than the walls which it will support. And by thus making the concrete, continued to
ground level, 4 feet wide, an estimated saving of Rs. 215 will be effected.

The estimate, as thus reduced, is recommended for sanction.

(Signed) J. PENNYCUICK, Colonel, R.E.,
Chief Engineer, P.W.D.

17th April 1895.

ORDER—dated 22nd April 1895, No. 920 W., Public Works.

The estimate, amounting to Rs. 15,785 as reduced by the Chief Engineer, Public
Works Department, for constructing a residence for the Conservator of Forests at
Waltair in the Vizagapatam district, is sanctioned for execution when funds are
available.

2. Attention is drawn to the Chief Engineer's note recorded above.
3. The rent of the building will be fixed after completion of the work.
4. The sanction accorded in paragraph 1 has been registered as Provincial No. 6 W. of 1895-96 and classified as Civil Buildings, Original Works.

(True Extract.)

Under Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle, with ¹³4 enclosures.
" Examiner, Public Works Accounts.
" Revenue Department.

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of {1895} Madras.
PUBLIC WORKS.

Dated April, 22nd.

Recd.

Encl.

G.O., 22nd April 1895, No. 920 W.

APRIL.

Residence

Estimate of Rs. 15,785 for constructing
a — for the Conservator of Forests at
Waltair, Vizagapatam district, sanctioned
with remarks.

No. 774 V. Z.

FROM

A. H. Garrett Esq.
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 27 February 1895.

Dep^d 5th March 1895

Referring to G.O. No. 1187 W. of 12th May 1894

I have the honor to submit plan and estimate for
a residence for the conservator of Forests at
Waltair.

2. The plan originally drawn up by the
Engineer was based on a rough sketch supplied
by the Conservator of Forests. This plan did
not appear to me to be suitable and I accordingly
prepared the plan now submitted.

3. In accepting the present plan the Conser-
vator of Forests wishes one or two suggestions,
(vide copy of his No. 2169 d/9 February 95 herewith
enclosed). which can easily be carried out & will
not materially affect the cost of the building.

4. The salary of the Conservator is Rs. 1350
a month.

5. The design would be a much more sa-
tisfactory one if the Verandahs were made
2' wider but this I am afraid is out of the ques-
tion.

Enclosures.

1. Copy of letter No. 2169
from the Conservator of
Forests.
1. Site plan.
1. Plan of residence.
1. Detailed and
Abstract estimate
of Residence.
1. Do. Do. of Kitchen
and servant
quarters with
section of gar-
dage.
1. Do. Do. Coach house
and stables.
1. Specification
Report.
1. Report.

6

sent in a separate
packet.

I have the honor to be,
Sir
Your most obedientst
Admnd.

Sup^r Eng^r 1st Circle

P. W. DEPARTMENT 1895-96 4837

FROM J. H. Garrett Esq
SUPERINTENDING ENGINEER
FIRST CIRCLE.
TO THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT

Recd 13 (2 plans)
Dec: 8-3-95

DATED 27 Feb 95
DESPATCHED 5 March 1895.
RECEIVED

no 2953 w 8 18.11.93
" 1187 w 8 12.5.94

No. 774 D.I.

ENCLOSURES Eight

SUBJECT.

Residence for conservation
of Forests at Allaltair
Submits for sanction an
estimate for construction

22/4
9/4
Examination
350
11-10-95

2 Per P. W. D.

Note by the Chief Engineer P. W. D.

The foundations as proposed are too narrow, by one foot, for the super-incumbent underground masonry. But by abolishing the latter and substituting concrete to ground level, the concrete need be widened by 6 inches only to make it 2 feet wider than the walls which it will support. And by thus making the concrete, continued to ground level, 4 feet wide an estimated saving of Rs 215 will be effected.

The estimate, as thus reduced, is recommended for sanction.

8/4 95 E.W
L 14m

No 920 W. d/22^d April 1895

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Suptg. Engineer, I Circle, No 774 Vg. d/27 February 1895
 Note by the Chief Engineer P.W. Deptt d/14 April 1895

The estimate, amounting
 to Rs 15,785 as reduced by the
 Chief Engineer P.W. Deptt, for
 constructing a residence for the
 Conservator of Forests at Waltair
 in the Vizagapatnam District,
 is sanctioned for execution
 when funds are available.

2. Attention is drawn
 to the Chief Engineer's note
 recorded above.

3. The rent of the building
 will be fixed after completion
 of the work.

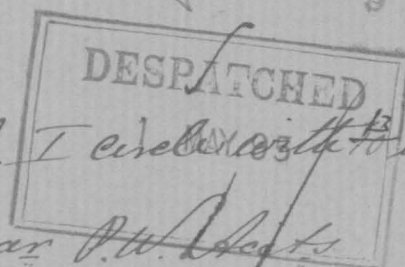
4. The sanction accorded
 in

in para 1 has been registered
as Provincial No 6 W of
1895-96, and classified as
Civil Buildings, original
Works.

Estimate for a residence
for the Conservator of Forests
at Waltair, Vizagapatnam
District.

Cross
6/9/96
S. H. 1896

The Honorable the Revenue Secretary
for favor of counterintake.



The S.E. I enclosed the enclos.
" Exar P.W. Dept.
" Revenue Dept.

5/10/96
9/4
Rm.

1837

Gobt. of Madras.

PUBLIC WORKS.

Dates

Recd.

Encl.

G.O. 22 April 1895 No. 920a

Residence,

≡

Sum of Rs. 15,785 for
constructing a — for
the conservation of forests
at Waltair, Vizagapatam
Dist., sanctioned with re-
marks.

100
6

RECEIVED

2023/4