

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

From A. H. GARRETT, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 29th December 1894, No. 1845 G.D.

I have the honour to submit, at the request of the Vice-President, District Board, Gó dávari, a plan and estimate, amounting to Rs. 30,238, drawn up by the Deputy Director, Royal Indian Marine, Calcutta, for constructing a stern wheel steamer for the river ferry at Narsapur, and to request that sanction of Government may be obtained to the same under Incorporated Local Canal and Ferry Funds Tools and Plant.

2. The plan and estimate have received the approval of the President, District Board, Gó dávari, and a copy of the extract from the Proceedings of the District Board, dated the 24th November 1894, is enclosed together with the Vice-President's letter No. 2459-D.B., dated the 1st December 1894.

3. The steam launch already constructed for the Narsapur ferry under the sanction conveyed in G.O., No. 3309 W. of the 13th December 1890, has been used for another ferry; hence the submission of the present estimate.

4. No specification accompanies the estimate as the steamer will be built on the same lines as those laid down in the specification which accompanied the estimate for the steam launch sanctioned in the above Government Order.

ORDER—dated 15th January 1895, No. 84 W., Public Works.

The estimate, amounting to Rs. 30,238, for constructing a stern wheel steamer for the river ferry at Narsapur in the Gó dávari district is sanctioned for execution on funds being made available by the Local and Municipal Department.

2. This sanction has been registered as Incorporated Local No. 17 W. of 1894-95 and classified as Tools and Plant, Special.

(True Extract.)

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

To the Superintending Engineer, I Circle, with four enclosures.

„ Examiner, Public Works Accounts.
„ Local and Municipal Department.

Exd. C. A. Munisawmy.
Spare Copies

28/5/95

GENERAL.
ACCOUNT.

Govt of {1895} Madras.
PUBLIC WORKS.

Dated January, 15th.

Recd.

Encl.

G.O., 15th Jan. 1895, No. 84 W.

JANUARY.

Stern Wheel Steamer

Estimate of Rs. 30,238 for constructing a
— for the river ferry at Narsapur in the
Gódavari district, sanctioned for execution
on funds being made available by the Local
and Municipal Department.

No. 18456 D

FROM

A. H. Garrett Esq
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 29th December 1894.

Enclosures. 4

1 Estimate

1 Plan

1 Extract of Proceedings

1 Vice President's
Letter

4

I have the honor to submit at the re-
quest of the Vice President District Board
Godavari a plan & estimate amounting to
Rs. 30,238 drawn up by the Deputy Director R.I.
Clarke Calcutta for constructing a stern
wheel steamer for the river ferry at Narsapur
and to request that sanction of Government
may be obtained to the same under Incorporated
Local Canal & Ferry funds Tools & Plant.

2. The plan & estimate have received
the approval of the President District Board
Godavari & a copy of the extract from the
Proceedings of the District Board dated the
24th November 1894 is enclosed together with
the Vice President's letter No. 2459 dated the
1st December 1894.

3. The steam launch already constructed
for the Narsapur ferry under the sanction
conveyed in G.O. No. 2200.

has been used for another ferry, hence the submission of the present estimate.

4. No specification accompanies the estimate as the steamer will be built on the same lines as those laid down in the specification which accompanied the estimate for the steam launch sanctioned in the above G.O.

I have the honor to be,

Sir,

Your most Obedient

Admnd

Sup^r Engr 1st Circle.

22

S. E. I. 500-13-2-93
6

FROM

A. H. Garrett Esq
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT

DATED 29th December 1894
DESPATCHED 4th January 1895
RECEIVED 7 1-95

No. 1845 G.D

ENCLOSURES 4 (x/plan)

SUBJECT.

Stern wheel steamer
for the river ferry at
Narasapur. Submitted for
sanction an estimate
of Rs. 30238 for constructing
a —

No. 3309 way 13-12-90

Rs 84 W d, 15 January 1895
PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Suptg. Engineer I Circle No 1845 G.D d/29th December 1894

2 Pra

W
12 Jan

The estimate amounting
to Rs 30238 for constructing a
stern wheel steamer for the
river ferry at Narasapur in
the Godavari District, is sanc-
tioned for execution on funds
being made available by the
Local and Municipal Depts.

1. This sanction has been
registered as Incorporated
Local No 17 W of 1894-95 and
classified as Tools and Plant,
Special.

DESPATCHED
24 JAN. 95

To The S.E.I Circle with 4 enclos.

" Secy P.W. Dept.

" Local & Municipal Depts.

(40-1,000-26-11-94)

Wms
9-55
L
3.17
L.S. 10/1

13TH DECEMBER 1890, No. 3309 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From G. D. WYBROW, Esq., Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 24th November 1890, No. 1667 G.D.

I have the honor to submit, herewith, a plan and estimate, amounting to Rs. 20,420, for a steam launch, for the Vasista Godáviri river ferry at Narsápur, in the Godáviri district, and to recommend that the same may be sanctioned under Incorporated Local Canal and Ferry fund, Tools and plant.

2. The Collector of the Godáviri district has asked this office for a plan and estimate for the said steam launch, and these documents have, as usual, been prepared by the Deputy Director of the Indian Marine, Kidderpore Dockyard. The estimate is accompanied by a specification which sets forth the details of construction.

3. The sum of Rs. 25,000 has been allotted for this work in the current year's budget under Incorporated Local, and, as soon as the estimate is received sanctioned, the Deputy Director of the Indian Marine will be requested to state the probable amount that he can spend before the close of the official year, and on his reply the balance will be surrendered.

4. The plan and estimate have received the approval of the Collector.

ORDER—dated 13th December 1890, No. 3309 W., Public Works.

The estimate, amounting to Rs. 20,420, for constructing a steam launch for the Narsápur ferry in the Godáviri district has been increased to Rs. 24,504 by the provision of 20 per cent. for cost of re-erection and is sanctioned for the latter amount.

2. This sanction has been registered as Incorporated Local No. 30 W. of 1890-91, and classified as Tools and plant.

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.

To the Superintending Engineer, I Circle, with three enclosures.

„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. T. K. Narayana Aiyangar.
Spare Copies

Estimate for a stern wheel
steamer for the river ferry
at Narsapur, Godavari

I
B

The Honorable the Chief Secretary
for favor of Counterinitials

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated December, 13th.

Recd.

Encl.

G.O., 13th Dec. 1890, No. 3309 W.

DECEMBER.

Steam Launch

Estimate for a — for the Narsapur ferry
in the Godavari district, increased to
Rs. 24,504 and sanctioned.

No. 1667 G.D.

FROM,

G. D. Wybrow Esq^r

SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DOWLAISHWERAM, 24th November 1890

W.D. 26th

Enclos 3

SIR,

- 1 Plan
- 1 Estimate
- 1 Specification
- 3

I have the honor to submit herewith a plan and estimate amounting to Rupees 20,420 for a steam launch, for the Tarista Godavari River ferry, at Narsapur, in the Godavari District and to recommend that the same may be sanctioned under Incorporated Local - Canal and Ferry fund original works, Tools & Plant.

2. The Collector of the Godavari District has asked this office for a plan and estimate for the said steam launch, and these documents have, as usual, been prepared by the Deputy Director of the Indian Marine Kidderpore Dockyard. The estimate is accompanied by a specification which sets forth the details of construction.

3. A sum of Rs. 25,000 has been allotted for this work in the current year's Budget under Incorporated Local & as soon as the estimate is received so

Director of the Indian Marine will be
requested to state the probable amount
that he can spend before the close of the
official year, & on his reply the balance
will be surrendered -

4. The plan & estimate have received
the approval of the Collector -

I have the honor to be,
Sir,
Your most obedient servant

J. D. D. D.
Sup^t Engineer 1st Circle

P.W. C. No. 11420.

FROM,

G. D. Wybrno Esq.
SUPERINTENDING ENGINEER

FIRST CIRCLE.

TO,

THE CHIEF ENGINEER

PUBLIC WORKS DEPARTMENT.

DATED

24th

DESPATCHED 26th

RECEIVED

No. 1667 G.D.

ENCLOSURES 3

SUBJECT.

Steam launch for
Narsapur ferry. Submits
Plan & Estimate amounting
to Rs 420 for a — recommends
that the same may be sanc-
tioned under incorporated
Local

and the long steam
if the pipes are joining
covered is not recommended

S
7/4

Public Works Department.

Current No. 11420

Letter No. 1664 G.D.

Dated 24th November 1890

From the Super: Engineer

Sanction 3.12.90

NOTE OF REMARKS.

See within

The plan submitted
under review, the latter
amounting to Rs 420
provided for the construction
of a steam launch requiring
for the Narsapur ferry
river ferry at Narsapur
in the Godavari District,
it is recommended that
the same may be sanctioned
under incorporated Local

The length of the
launch is to be 78 ft on
over stern to be 89 ft,
the extreme breadth is
to be 14 ft, and the
depth at midships
4 ft:—

The engine on the
launch is to be
acting horizontally
with two cylinders to
work a stern paddle
wheel with rodial

and adapted for burning
either wood or coal, full
particulars regarding
the boat & the boiler
& engines are given
in the Specification
accompanying the
estimate.

The rates cannot be
checked in only lump
sums are given in the
Est. In each particular
class of work such as

- (1) Hull ————— Rs 8,440
- (2) Engines ————— " 3,500
- (3) Boiler ————— " 4,400
- (4) Boiler mountings &c " 600
- (5) Lins & General Equipment " 950
- (6) Stowing &c ————— " 500

Total Rs — 20,420

This again is divided
into two heads

- (1) Labour ————— Rs 9,140
- (2) Materials ————— " 11,280

Total Rs 20,420

The estimate has been
sanctioned by the
Director of the Government

The estimate must be
increased 20% to allow
for the cost of re-erection
& putting into working
order at Dorlaithuram.

The P.W. Department therefore
sanction the sum of
~~Rs~~ 24,504. (a)

There must be great loss
of steam in such a
long steam pipe, (b)
however carefully it
may be covered with
asbestos packing,
but the engines must be
close to the steam wheel,
and the boiler must be
right forward to fulfil
the conditions as regards
draught of water.

W.M.S.

3.12.90

(a) Yes

(b) Less than one would expect

No. 33094

13 Dec 1890

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF

THE MADRAS GOVERNMENT.

2P

Read the following

From the S. E. Circle

No 1667 G.O. of 24 Nov 90

The estimate
amounting to Rs 20,420
for constructing a
steam launch for
the Naasapur ferry
in the Godavari
Dist. has been increased
to Rs 24,504 by the
provision of 20 per
cent for cost of
re-erection, and is
sanctioned for the
latter amount.

2. This Sanction
has been registered
as Incorporated
Local No 30W of
1890-91, & classified
as Tools and Plant

S. E. Circle
with 3 enclos.

By P.W. Dept.
Revenue Dept.
Local & Material
8.11.90

and adapted for burning

~~The House of~~

~~3 Cms~~
~~B. m. 40~~
~~VB mg~~

To

The Secy to Govt.
Res. ~~done~~ to. for
favorable consideration

3

in expert

CN 22

Govt. of (1895) Madras
PUBLIC WORKS.

13-6-29 B 114

2700/RH/90

Dated

Recd.

Encl.

G.O., 15/1 1895, No. 84 W

Stern wheel steamer

estimate of Rs 30,238
for constructing a —
for the river ferry at
Narasapur in the
Godavari St., sanctioned
for execution on funds
being made available
the Local & Municipal
at:

100/6

17/11/95
Hec