M.R.O. 1—32,400—28-11-30.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cent. 2 6 5 7

G.O. No. 605 Press Mis.

18-19

Dated 24-5- 18 5

Not to be folded or roughly handled

14

Fort Saint George, Public Works Consultation of 2nd June 1857.

No. 18. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 13th May 1857, No. 275.

SIR,

With reference to Extract of Minutes Cousultation No. 545, dated 25th March 1857, I have the honor to submit for the information and orders of Government the accompanying copy of a letter No. 486, dated 20th April 1857, from Lieutenant Sankey, explaining in detail the data upon which he founded his recommendation, that the Steam Tug "Carnatic" should be allowed to ply on the Canal, and to compound the tolls with Government for a monthly payment of 70 Rupees. In the absence of any information to the contrary, the Government were under an impression that the Steamer was one of 30 tons burthen, and that the sum recommended was unnecessarily favorable to the contractor.

2. Lieutenant Sankey states the "Carnatic" to be of 6 tons available burthen for cargo, and that she can tug only 4 half laden 20 ton boats, the toll for the Steamer would amount to Rupees 11¼ and that of the boats tugged to 75 Rupees a month, and therefore he did not consider 70 Rupees a month for the two, as too great a sacrifice on the part of Government for the encouragement of enterprize of this description.

3. Under the above explanation of Lieutenant Sankey, I recommend that the compounding rate of 70 Rupees be accepted, on the condition that they do not tug more than 4 boats, with ten tons cargo each per trip.

No. 19. ORDER THEREON, No. 1018; dated 29th May 1857.

With his letter of the 26th February last, the Officer in charge of the Central office, submitted a proposition from the Superintendent of the East Coast Canal, to compound the toll on the boats tugged by the Steamer "Carnatic" belonging to Assif Jung Bahadoor for a monthly payment in advance of Rupees seventy. The Government, in Minutes of Consultation, dated 25th March 1857, No. 545, desired the Chief Engineer to request the Superintendent of the Canal to revise his proposition, providing separate payments for the Steamer and for the boats she might tug; remarked that the terms proposed were unnecessarily favorable, and requested to be informed of the Tonnage of the Steamer. The Chief Engineer now submits a reply to this order.

2. Lieutenant Sankey states, on information received from the owner, that the Steamer could tug about four 20 ton boats, but only half laden, and that while thus employed, she could carry little or nothing in the shape of freight herself. According to Lieutenant Chamber's calculation the Steamer is a boat of 5 tons, and according to Lieutenant Sankey's account of 6 tons. With these facts the Superintendent of the Canal calculates the toll on the Steamer and her fleet at Rupees† 86¼ a month, and observes that this sum is not very much wide of the 70 Rupees first proposed. The Chief Engineer recommends the acceptance of 70 Rupees a month, on the condition that the Steamer does not tug more than four boats carrying ten tons of cargo each per trip.

	Rs.	
Boats.....	75	
Steamer.....	11¼	
Total...	86¼	For 46 tons at 4 annas a ton for 7½ trips in a month.

3. Under these circumstances the Right Honorable the Governor in Council sanctions, subject to modification after the lapse of one year, the commutation of the toll on the Steamer "Carnatic," and on the boats she may tug to Rupees (70) seventy per mensem. The Government are not disposed to deprive the owner of the steam boat in any degree of the advantage of the commutation by imposing unnecessary restrictions and it will not be necessary to ascertain that the boats tugged carry only ten tons each because such a measure would give much room to repeated interference on the part of the Toll Collectors; care should only be taken that she does not tug more than four boats at any one time.

(Signed) H. FORBES,
Acting Secretary to Government.

No. 486.

From,

Lieutenant R. M. Sankey, Engineers,
Supt.e of the E. C. Canal.

To,

The Chief Engineer
in the Department of Public Works.
Fort Saint George.

Sir,

With reference to Extract Minutes of Cons.n No. 525 of the 25.th March 1857, I have the honor to state for the information of Government, that my proposition to allow Afsif Jung Bahadoor to compound for the tolls leviable at the Basin, on the Steam boat "Carnatic" and her fleet, was professedly made on a rough calculation, and with great latitude in favor of her enterprising owner.—

2. The principle on which the toll should be levied, I was unwilling to discuss, as in the absence of direct experiment, I should have had to suppose nearly all the elements of the calculation.

3 Her owner told me that she could tug about four 20 ton boats, and those only half laden, otherwise she swayed from side to side and became unmanageable

also

also while thus employed, she could carry little or nothing in the shape of freight herself.—

4 In the 2d para of the Extract Minutes of Consultation it is remarked, that the steamer is not improbably capable of carrying less than 30 tons.

5 From a Memo of Lieutenant Chambers. I find he estimated her (perhaps too low) at 5 tons, and from calculations I have myself made, allowing for engines and boiler, with 2 feet draught, she may be taken as a 6 ton boat.

6 With the above facts as elements of the calculation, and taking one day with another, she and her fleet come to the basin every fourth day, the toll due to her fleet would amount to 75 Rupees a month, and that to herself 11¼ or 8¾ Rupees in all, which is not very much wide of the 70 Rupees which I had the honor to propose.

7 I am sorry to say the boat is now apparently laid on one side, and from the same radical error in her construction, as the "Baurnum" (having a boiler incapable of making and keeping up steam except under very favorable circumstances) I fear it will be long before

before she can ply on the Canal if indeed she ever do so.—

I have &c.

Signed R. H. Sankey, Lt.
Supt. of the E. G. Canal.

E. G. Canal Supt. Office,
Ennore, 20th April 1857.

J. A. True Copy.

A. Lt. Colonel.
Chief Engineer.

Capt. R. Clarke Secretary

7th P.W.D.

No. 1018

Extract from the Minutes of Consultation
Under date the 29th May 1857.

Read the following letter
from the Chief Engineer -

(Here enter 13th May 1857 No. 275)

With his letter of the
26th February last, the Officer
in charge of the Central Office,
submitted a proposition from
the Superintendent of the East
Coast Canal, to compound
the toll on the boats tugged
by the Steamer "Carnatic"
belonging to Syed Ismail
Labbe Choor for a Monthly
payment in advance of
Rupees Seventy. The Govern-
ment, in Minutes of Consul-
tation dated 25th March 1857,

Enclosure in a letter from the
Chief Engineer
to the Secretary to Government
P.W.D.

Dated 13th } May 1857.
Received }

No. 275

Copy of a letter from the
Superintendent East Coast Canal stating
for the information of Govt. the
principles on which the toll for the
Carnatic Steam boat was
recommended to be compounded.

No 545, desired the Chief Engineer to request the Superintendent of the Canal to revise his proposition, providing separate payments for the steamer and for the boats she might tug; remarked that the terms proposed were unnecessarily favorable and requested to be informed of the tonnage of the Steamer. The Chief Engineer now submits a reply to this order.

2 Lieutenant Sankey states, on information received from the owner, that the Steamer could tug about four 20 ton boats, but only half loaden, and that while thus employed, she could carry little or nothing in the shape of freight herself according to Lieutenant Chambers' calculation the Steamer is a boat of 5 tons, and according to Lieutenant Sankey's account of 6 tons. With these facts the Superintendent of the Canal calculates the toll on the Steamer and her fleet at Rupees 86½ a month, and observes that this sum is not very much wide of the 90 Rupees first proposed. The Chief Engineer recommends the acceptance of 90 Rupees a month, on the condition that the Steamer does not tug more than four boats carrying ten tons of cargo each per trip.

	Rs
Boats	75
Steamer	11½
Total	86½

For 46 Tons at 4 As a ton for 7½ days or trips in a month.

3 Under these circumstances the Right Honorable the Governor in Council sanctions,

Sanctions, subject to modifi:
=cation after the lapse of
one year — the Commutation
of the toll on the Steamer
"Carnatic," and the boats she
may tug to Rupees (70) —
Seventy per mensem - The
Government are not disposed
to deprive the owners of the —
Steam boat in any degree of
the advantage of the Commuta=
=tion by imposing un:
=necessary restrictions & it
will not be necessary to ascertain
that the boats tugged —
— — carry only ten tons
each because such a measure
would give much room
to repeated interference
on the part of the toll=
Collectors - care should only
be taken in that she
does not tug more
than

11 ++

than four boats at any
one time.

J. G.

J. Copies to the Chief Engr.
Dist. 20
1 — Bishop Rivers

Public Works 1857 Sept.
Dr to Cons 2d Issue

No. 1018.

Extract Mins of Cons.
Dy 29th May 57.

From Shumsadoo Dowlah Bahadoor, Grandson of the late Nawaub Wallajah Bahr dated 9th Febry 58 C & 21st in Cons 12th March

Sanctioning, subject to modification after the Lapse of one year, the commutation of the toll on the Steamer "Carnatic", and on the boats she may tug, to Rs. 70 per mensem, and observing that Care should be taken that the Steamer does not tug more than four boats at any one time.

No 1818 & 19.

C 22 May 26.