

Public Works (1897) Department.

G.O., No. 542 J

DATED 10 June 1897

[Despatch Abstract.]

Staff boats: Letter from S.E.I. Circle
reporting that there will probably be a
savings of Rs. 2d on each ^{of the} - sanctioned
for the Godavari Eastern D^m in E.O.
3019 of 2d. 3.97. Recorded

[illegible]

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

11-6-77

G.O.

BACK PAPERS.

G.O.	No.	Department.	Date.
	2419		22.3.97

FURTHER PAPERS.

G.O.	No.	Department.	Date.

No. 492 G.D.

FROM

J. B. Lammie Esq. M.J. Es.
SUPERINTENDING ENGINEER,

FIRST CIRCLE.

Enclosures.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.

WALTAIR, 26th May 1897.

SIR,

With reference to G.O. No. 3019
22.3.97,
I have the honour to state that the Exce
Engineer, Godavari Eastern Division,
reports that there will probably be a saving
of Rs 22 on each staff boat sanctioned.

I have the honor to be,

Sir,

Yours Most obedt^t

J. B. Lammie

Suptg Engineer, P. Circle

24/5/97

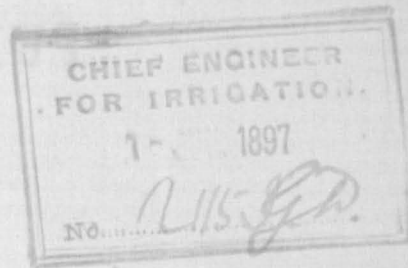
FROM

SUPERINTENDING ENGINEER,
FIRST CIRCLE.

TO

THE CHIEF ENGINEER

FOR IRRIGATION.



DATED
DESPATCHED
RECEIVED

189

No.

ENCLOSURES.

SUBJECT.

IRRIGATION.
ACCOUNT.

Government {1897} of Madras.
PUBLIC WORKS.

Recd.

Enclosures

Regd.

1897.

Spare copies

G.O., No. 301 I., 22nd March 1897.

MARCH.

Staff Boats

Estimate of Rs. 3,420 for constructing three second-class — for the Gódávati
Eastern division, sanctioned with remarks.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, I Circle, to the
Chief Engineer for Irrigation, dated Camp, Samalkot, 26th August 1896,
No. 1028/G.D.

Referring to G.O., No. 538 I., of 25th June 1896, I have the honour to state that in my opinion, if boats are to be built, the type now sanctioned for the II Circle will not be found economical in the long run.

2. It is proposed to build them in the Buckingham Canal basin at Rs. 745 per boat. No doubt they will answer very well for a time, but, I am acquainted with that type of boat and it cannot compare in strength, durability, or finish with those built in the Dowlaishwaram or Bezwada Workshops. Consequently I consider that if boats are to be built, they should be of the usual Gódvári second-class type at Rs. 1,135.

3. But I very much question the necessity for building a great number of them. Whether men performing the duties of Delta Superintendents belong to the conservancy staff or are styled upper or lower subordinates, is immaterial. So long as they are natives, they will much prefer putting up in any village, to living in a boat, incurring the cost of its maintenance, while for ordinary purposes of locomotion, a light nava or dinghy with a mat roof will answer every requirement.

4. Of course, when European or Eurasian subordinates are in question, the case is quite different.

Memo. No. I. 91/G.D.

The undersigned has the honour to acknowledge the receipt of letter No. 1028-G.D., dated 26th August 1896, from the Superintending Engineer, I Circle. In his letter No. 417/G.D. of the 30th May last, the Superintending Engineer intimated that some staff boats were much wanted in the Gódávári delta and his estimate awaited and alluded to in G.O., No. 538 I., dated 25th June 1896 (paragraph 4), should provide for such boats and of such a type as the Superintending Engineer considers suitable for the requirements of the Gódávári delta. If, however, the Superintending Engineer is now of opinion that no boats are required, of course no estimate for them is required.

11th September 1896.

(Signed) F. J. WILSON,
Under Secretary to Government.

From J. C. LARMINE, Esq., M.I.C.E., Superintending Engineer, I Circle, to the
Chief Engineer for Irrigation, dated Camp, Dowlaisweram, 13th November
1896, No. 1681/G.D.

With reference to your Memo. No. I. 91/G.D., dated 11th September 1896, I have the honour to forward, herewith, plan and estimate amounting to Rs. 3,420 for constructing three second-class staff boats for the use of subordinates employed in the Gódávári Central and Eastern divisions for your approval and sanction.

ENCLOSURE.

Report to accompany the estimate for constructing three second-class staff boats for the use of Subordinates in the Gódávári Central and Eastern divisions.

	RS.
Subordinates in the Godavari	3,420
Amount of estimate	

The estimate was called for in paragraph 4 of G.O., No. 538 L., dated 25th June 1896. In framing the estimate the type which is usually adopted in the Workshops at Dowlaishweram has been adhered to because it is considered to be more durable than the one built in the Buckingham Canal basin.

An early sanction to the estimate is solicited as the boats are urgently required for the use of overseers employed in the Gódávári Central and Eastern delta sections.

Memo. No. I. 130/G.D.

With reference to letter No. 1681/G.D., dated 13th November 1896, from the Superintending Engineer, I Circle, the undersigned has the honour to request that he will be so good as to report, at an early date, if the plan and estimate for a second-class staff boat can be revised so as to reduce its cost, and, if so, to submit revised plan and estimate for the same. It is observed that the cost of staff boats sanctioned for the Kistna delta in Proceedings of Madras Government, No. 538 I., of 26th June 1896, is only Rs. 725 each.

(Signed) W. HUGHES,
Superintending Engineer for Irrigation.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

10th December 1896.

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, I Circle, to the
Chief Engineer for Irrigation, dated 22nd December 1896, No. 2063/G.D.
No. 130/G.D., dated the 10th instant, and its
No. 130/G.D., dated the 10th instant, and its

From J. C. LAURENCE, Chief Engineer for Irrigation, dated 22nd Dec 1896.

With reference to your memo. No. I. 130/G.D., dated the 10th instant, and its enclosures, I have the honour to state that the plan and estimate submitted by me for the second-class staff boat cannot be revised so as to reduce its cost. I have already stated in my letter No. 1028/G.D., dated the 26th August 1896, that second-class boats if built on the type sanctioned in G.O., No. 538 I., dated the 25th June 1896, for the II Circle, will not be found economical in the long run and that the boats built in the Buckingham Canal basin at Rs. 725 per boat cannot compare in strength, durability and finish, &c., with those built at Dowlaiswaram or Bezwada Workshops.

To the Superintending Engineer, II Circle, dated 14th Jan. 1897, No. 5 K.S.
 II " " 4th Feb. " " 3125 K.
 From the " " " " "

Memo. No. I. 27/G.D.

With reference to the Superintending Engineer's letter No. 2063/G.D., dated 22nd December 1896, a plan of the second-class boats in use in the II Circle is forwarded for information. This boat is no doubt rough, but its cost is only Rs. 3 $\frac{1}{2}$ per square foot of accommodation against Rs. 7 $\frac{3}{4}$ per square foot for the Gódávári boats. The difference is a great deal more than can be explained by difference in finish. It may be that the II Circle boats are made entirely of country wood.

2. This, of course, is not advisable, but it is suggested that the Superintending Engineer might be able to reduce the cost of the Dowlaishweram boat by substituting for teak which is estimated at nearly Rs. 5.1 per cubic foot some cheaper timber in all parts except the hull.

(Signed) W. HUGHES,
Chief Engineer for Irrigation

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

17th February 1897.

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, I Circle,
to the Chief Engineer for Irrigation, dated Waltair, 2nd March 1897,
No. 2539/G.D.

I have the honour to state in reply to your memo. No. I 27/G.D., dated 17th
February 1897, that the II Circle boats are also to be of teakwood excepting the ribs
and mast.

The Kistna boats are larger and provide more accommodation; the respective total
quantities of teak being as under:—

Kistna	...	...	...	...	...	C. FT.
Gódávári	...	...	...	...	...	182
						130 (exclusive of ribs).

In the former quantity are included the cubical contents of wood used in the
doors and venetians. The rate for Kistna boat woodwork is Rs. 2-13-3, for
Gódávári Rs. 4, while for the latter, pannel doors and venetian windows are in addi-
tion estimated at Re. 1 and Rs. 1½ per square foot. Neither good, sound work nor
timber can be expected for the former rates.

The saving in cost that could be effected by using country wood for the top
parts of the work is not worth the sacrifice of durability.

No. 85 I.

Submitted to Government.

18th March 1897.

(Signed) W. HUGHES,
Chief Engineer for Irrigation.

ORDER—No. 301 I., dated 22nd March 1897.

The following estimate is sanctioned:—

Irrigation.					
42. Major Works (Working Expenses).					
Gódávári Delta System.					
Gódávári Eastern Division.					
5. Tools and Plant.					
4. Navigation Plant.					
Constructing three second-class staff boats.					
Estimate	...	...	...	...	RS.
					3,420

2. This sanction is registered as No. 207 I. of 1896-97.

3. The attention of the Superintending Engineer, I Circle, is drawn to the rates
provided for constructing the boats now sanctioned in view to his enquiring whether
any reduction in their cost is feasible.

(True Extract.)

(Signed) W. HUGHES,
Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.

„ Superintending Engineer, I Circle, with four enclosures.

„ Examiner, Public Works Accounts.