

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public works

DEPARTMENT

G.O. No.	673	Press
B.P. No.		Mis.
40-41		
Dated	3-3-	18/3

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
3rd March 1873.*

No. 40. Read the following letter from Major J. O. HASTED, R.E., District Engineer, Kistna, to the Secretary to Government, Public Works Department, dated Camp at Bezwada, 22nd January 1873, No. 12 :—

IN G. O., No. 2,219, dated 18th September 1872, allotments were made under "Tools and Plant" as follows :—

					Allotment.
Fitting up the Dredges and Engines at Bézwada, Kistna.					Rs.
Estimate Rupees 1,508	...	...	...	...	1,508
Repairing Dredges. Estimate Rupees 2,163	...	...	...	...	1,638
Purchase of Dredge Boiler. Estimate Rupees 1,638	...	...	...	...	1,638

The first work, I find, has been put in hand, and those parts of machinery which could not be made up here have been procured. For the second work the original estimate was Rupees 2,163, but a revised estimate, amounting to Rupees 4,613-14-0, was submitted on the 17th September 1872 for thorough repair of dredges and workshop engine and maintenance during the current year, which included the work provided for in the previous estimate, but which has not yet been sanctioned. The allotment granted in the Government Order referred to is quite insufficient to put the dredges into working order; there are already bills due to the Workshop, amounting to Rupees 1,640, for repairs which have been carried out, and I found on my arrival that there was only one large dredge and one small fit to work; a large dredge had just come from the Godavery, but there were no funds even to fit her up.

2. Under these circumstances, I have authorized three large dredges and one small to be put into working order from the allotment of 1,638 Rupees sanctioned, and have postponed the payment of the Workshop bills until further allotment of funds is made. I trust that this arrangement will receive approval. At the very time the dredges are most required, there are two large dredges and one small lying idle in the channel, and two of these have not even a cover to their machinery.

3. The repairs I propose now to have carried out are only such as are actually necessary to enable the dredges to work. Painting, etc., I have postponed until the canals are closed. All that I would ask for now is an additional allotment of Rupees 1,640 to enable me to pay the Workshop bills before the close of the year, and the provision of the balance of the estimate, namely, Rupees 1,335-14-0, at the commencement of next year, so that the dredges may be in good working order before the canals are re-opened.

4. For the purchase of dredge boiler Rupees 1,638 were allotted, and the Public Works Workshop Superintendent was addressed on the subject. He stated that a boiler could be made up in the shops, and the cost was to be remitted to him. The transfer, I find, has not yet been made, and therefore this allotment has not been expended; these funds might, therefore, be appropriated towards paying the Workshop bills, if arrangements could be made for procuring the boiler next year and paying for it then. It will not now be required till June next. I have the honour to request instructions with reference to this subject.

5. Together with the estimate, amounting to Rupees 4,613-14-0, for repairs of dredges submitted by the Superintending Engineer, an estimate for annual maintenance of dredges and workshop engines, etc., amounting to Rupees 942, was forwarded; since that estimate was framed, another large dredge has been

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3rd March 1873.*

received from the Godavery, and I consider the provision made in the estimate, even under the circumstances then existing, insufficient. The hull of each dredge should certainly receive one coat of paint yearly, and this is not provided. The least maintenance allotment that I think will suffice is as follows:—

Three large Dredges, at 350 Rupees	...	...	Rs. 1,050
Two small do. „ 250	...	...	500
Workshop Engine and Machinery	...	...	200
		Total...	1,750

and this sum, I would urgently request, should be provided.

6. The economy of keeping plant of this description in good order is beyond question, and rather than allow the dredges to lie rotting in the channel in an unserviceable condition, I think it would be better to get rid of them altogether.

7. Regarding the requirements of the district with reference to punts, I am unable yet to state our position, as I am not aware how many we shall receive from the Godavery; but it is evident that at present we have not nearly enough to carry on work with, and as water carriage for materials for Local Fund roads is necessary, and no country boats can be obtained on hire, I think our number of punts should be increased, and as it not probable that the Local Fund Boards will consent to appropriate funds for the purchase of boats, they should be charged to the plant of the district; and such a rate charged for the conveyance of road material as will pay a fair per-centage on the cost.

8. I would further observe that I think it very desirable a small steamer should be provided for these works. There is at present plenty of work for one in towing boats, and, in the absence of a steamer, should any accident occur to the anicut, we might be placed in a very awkward position. One of the old steamers might possibly be spared from the Godavery, and would answer for towing boats while the water is low, but these steamers are not up to work required of them, and their boilers and machinery are very old. I would therefore request that a small steamer may be procured from England of sufficient power to work on the river during moderate freshes. The cost, I believe, would not be considerable, and there is no doubt that it would prove of great advantage to the works.

No. 41. ORDER THEREON, 3rd March 1873, No. 673.

ACCOUNT, No. 4.

An allotment of Rupees 4,614 has been made in G. O., No. 280, dated 28th January 1873. This sum with that already allotted* will more than bring up the total sum to Rupees 7,234-14-0, and * G. O., No 2,219, dated 18th September 1872. will provide for the payment on account of the new boiler in the current year for which the District Engineer should arrange with the Superintendent of the Public Works Workshops at Madras.

2. A revised estimate for the annual maintenance of the floating stock will receive favourable consideration.

3. The Government are prepared to entertain any well digested proposition for increasing the plant of the Kistna District, with a view to supplementing as

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3rd March 1873.*

far as possible the want of labour now experienced in the open labour market and of facilitating the operations of the Local Fund Boards.

4. His Excellency the Governor in Council hopes that Major Hasted will take early measures for restoring the Bezoarah Workshops to such a position as will enable them to cope effectually with the additional demands upon them which his proposals now approved will entail.

5. With regard to the last paragraph of Major Hasted's letter, the Government will be prepared to obtain one or two additional steamers from England for the use of the Kistna and Godavery Deltas, and the Chief Engineer for Irrigation will be called upon to furnish, after communication with the District Engineers, specifications of the boats required, together with approximate estimates of their cost, with a view to the early transmission to the Secretary of State of the necessary indent. In the meantime one of the Godavery steamers will be placed at Major Hasted's disposal, and that officer should ascertain from Lieutenant-Colonel Fischer what steamer of sufficient power for crossing the Kistna above the anicut during moderate freshes, and otherwise suitable to the circumstances of the delta canals, is available for transfer. The vessel selected should be placed in good repair between the present time and the 1st June next, and be sent about that time to Bezoarah in readiness for the season's work.

6. Major Hasted will consider himself at liberty to visit Dowlaishweram for the purpose of selecting a steamer, and ascertaining that it will meet his requirements.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

To the District Engineer, Kistna.
" Chief Engineer for Irrigation.
" Controller of Public Works Accounts.
" District Engineer, Godavery.

Exd. S. T. Austin.

No 12

District Engineer's
Office Kishinawadi
Camp Begwada.
22nd January 1873.

From

Majr J. O. Hasted R.E.
District Engineer Kishinaw

To,

Colonel G. W. Walker R.E.
Secretary to Government
Public Works Department

Sir,

In G.O. No 2219 dated 18th
September 1872, allotments were made under
"Tools and Plants" as follows.

	allotment
Fitting up the dredges and Engines at Begwada, - Kishinaw	
Estimate Rs 1508. -	1508
Repairing dredges - Estimate Rs 2163.	1638
Purchase of dredge boiler	
Estimate Rs 1638.	1638

The first work I find has been put
in hand, and those parts of machinery
which could not be made up here, have
been procured. For the second work,
the original estimate was Rs 2163, but
a revised estimate amounting to Rs 1638.14
was submitted on the 17th September 1872 for

thorough Repair of dredges and Workshop,
Engine, and maintenance during the
current year, which included the work,
provided for in the previous estimates,
but which has not yet been sanctioned.
The allotment granted in the G. & C.
referred to, is quite insufficient to put
the dredges into working order; there
are already bills due to the Workshop,
amounting to Rupees 1640 for repairs,
which have been carried out, and
I found on my arrival that there
was only 1 large dredge ^{and 1 small} fit to work,
a large dredge had just come from
the Godavery, but there were no
funds even to fit her up.
2. Under the

2. Under these circumstances I have authorized 3 large dredges and 1 small to be put into working order from the allotment of 1638 Rupees sanctioned, and have postponed the payment of the workshop bills until further allotment of funds is made. I trust that this arrangement will receive approval.

at the very times the dredges are most required, there are 2 large dredges, and 1 small lying idle in the Channel, and 2 of these have not even a cover to their machinery -

3. The repairs I propose now to have carried out are only such as are actually necessary to enable the dredges to work. Painting ~~etc~~ I have postponed until the canals are closed - All that I would ask for now, is, an additional allotment of Rupees 1640, to enable me to pay the workshop bills before the close of the year, and the provision of the balance of the estimate viz Rupees 1335-14-0 at the commencement of next year, so that the dredges may be in good working order before the canals are re-opened.

4. - For the purchase of Dredge Boiler
Rupees 1638 were allotted, and the Public
works workshop Superintendent was
addressed on the subject. He stated
that a boiler could be made up in
the shops, and the cost was to be
remitted to him - The transfer I find
Tell United States Engineer
in the General

has not yet been made, and therefore this allotment has not been expended, these funds might therefore be appropriated towards paying the workshop Bills, if arrangements could be made for procuring the Boiler next year and paying for it then. It will not now be required till June next. I have the honor to request instructions with reference to this subject.

5. Together with the estimate amounting to Rupees 4,613-11-0 for repairs of dredges submitted by the Superintending Engineer an estimate for annual maintenance of dredges and workshop Engineers amounting to Rupees 942 was forwarded, since that estimate was framed, another large dredge has been received from the Godavery, and I consider the provision made in the estimate, even under the circumstances then existing, insufficient. The hull of each dredge should certainly receive one coat of paint yearly and this is not provided. The least maintenance

allotment that I think will suffice is as follows.

3 Large dredges at 350 Rs =	Rs 1050
2 Small do at 250 Rs =	Rs 500
workshop Engines and	
Machinery -	Rs 200
	<u>Rs 1750</u>

and this sum I would urgently request should be provided.

6. The economy of keeping plant of this description in good order is beyond question, and rather than allow the dredges to lie rotting in the Channel, in an unserviceable condition, I think it would better to get rid of them altogether.

7. Regarding the requirements of the District with reference to boats, I am unable yet to state our position, as I am not aware how many we shall receive from the Godavery. But it is evident that at present we have not nearly enough to carry on work with, and as the water carriage for materials for Local-Train Roads is necessary, and no country boats

can be obtained on hire. I think
our number of punts should be increased,
and as it is not probable that the
Local Funds Boards will consent
to appropriate funds for the purchase
of boats, they should be charged
to the Plants of the District, and
such a rate charged for the conveyance
of Road material as will pay a
fair percentage on the cost.

8. I would further observe, that I
think it very desirable a small
steamer should be provided for these
works. There is at present plenty
of work for one in towing boats, ^{The Punts}
and in the absence of a steamer, ^{misconduct}
should any accident occur to the
Ariet, we might be placed
in a very awkward position. One
of the old steamers might possibly
be spared from the Godavery and
would answer for towing boats
while the water is low, but these
steamers are not up to work required.

of them, and their boilers and
machinery are very old. I would
therefore request that a small
steamer may be procured from England,
of sufficient power to work on the
river during moderate freshes. The
cost I believe would not be consider-
able and there is no doubt that
it would prove of great advantage
to the works.

I have the honour
to be,
Your most obed^t servant
W. H. B. Major R. B.
District Engineer, Kistun.

P. H. Dept
No 673

Proceedings of the Madras Government
Under date the February 1873
Read the following

From the Dist Engr. Madras / A.C. No 13 of 22nd January 1873

An allotment of
4614
Rupees 3000 from the
~~sums~~ allowed for Agricult.
~~tural Repairs~~ for the
~~emergent repairs~~ of the
dredges has been made

ME

and communicated
by Telegrams.

This sum with
that already allotted
more than
will bring up the total
sum to Rupees 7234-14-0
and

80016 - 80017 - 80018 - 80019 - 80020 - 80021 - 80022 - 80023 - 80024 - 80025 - 80026 - 80027 - 80028 - 80029 - 80030 - 80031 - 80032 - 80033 - 80034 - 80035

Public Works 1873 No 13 of 22nd January 1873
From the Dist Engr. Madras

To the Secretary to
Government, Madras

Dated 22nd January 1873
Received 28th Jan 1873

No 12.

Brings to notice the
condition of the dredges
ye, in the District
and the grants allowed
for their repairs, but
under the existing
mentioned circumstances
requests additional
allotment for repairing
them thoroughly and
putting them in
a state of repair.

80016 - 80017 - 80018 - 80019 - 80020 - 80021 - 80022 - 80023 - 80024 - 80025 - 80026 - 80027 - 80028 - 80029 - 80030 - 80031 - 80032 - 80033 - 80034 - 80035

80016 - 80017 - 80018 - 80019 - 80020 - 80021 - 80022 - 80023 - 80024 - 80025 - 80026 - 80027 - 80028 - 80029 - 80030 - 80031 - 80032 - 80033 - 80034 - 80035

and will provide for the payment on account of the new Boiler in the current year for which the District Engineer should arrange with the Superintendent of the Public Works Shops at Madras.

A revised estimate for the annual maintenance of the floating stock will receive favorable consideration.

The Government are prepared to entertain any well digested proposition for increasing the plant of the District, with a view to supplementing as far as possible

possible the want of labor now experienced in the open labor market and of facilitating the operations of the Local Fund Boards.

The District Engineer of the Godavary will be consulted on the subject of the Steamer "Taru"; not now required at Cochin, being transferred to the Tristia.

His Excellency the Governor in Council hopes that Major Dastid will take early measures for restoring the Bezorah work shops to such a position as

as will enable them to cope effectually with the additional demands upon them which his proposals now approved will entail.

With regard to the last paragraph of Major Hasted's letter the Government will be prepared to obtain one or two additional Steamers from England for the use of the Krishna and Godavary Deltas, and the Chief Engineer for Irrigation will be called upon to furnish after communication with the District Engineers, specifications

17
specifications of the boats required, together with approximate estimates of their cost, with a view to the early transmission to the Secretary of State of the necessary Indent. In the meantime one of the Godavary Steamers will be placed at Major Hasted's disposal, and that Officer should ascertain from Lieut Colonel Fisher what Steamer of sufficient power for crossing the Krishna above the Anaparthi during moderate freshes, and otherwise suitable to the circumstances of

79
of the Delta Canal, is
available for transfer. The
Vessel selected should be
placed in good repair
between the present time
and the 1st June next
and be sent about that
time to Bezoarrah in
readiness for the seasons
work.

Major Hasted
will consider himself at
liberty to visit Dowlatab-
-warrah for the purpose of
selecting a skanner, and
ascertaining that it will
meet his requirements.

Yours J. H. H.

To H. H. H. H. H.
Ch. H. H. H. H.
C. H. H. H. H.
D. H. H. H. H.

Desp 25/3/73

Part from
1972/73

11-60-61

6/11/73 (the 11)

Op: 571

Govt. of 1873 Madras.

PUBLIC WORKS.

To The District Engineer
Kistna

Encl.

Recd.

Encl.

G. O. 3rd Decr 1873.

No. 110441

Bridges. Passing orders
on letter from the S. Eng.,
Kistna, applying for
additional funds for
the repair of ~~the~~ Bridges.