

2483
Public Works (1896) Department.

G.O., No. 711. I.

DATED ^{the} 19th August 1896

[Despatch Abstract.]

Scouring dams ^{with} ~~and~~ ^{with} punts, ^{relating} Estimates ^{for} Rs.
17,600 for purchasing — for the Kistna Delta
System, sanctioned.

Government { 1896 } of Madras.
PUBLIC WORKS.

Spare copies

AUGUST.

Estimates aggregating Rs. 17,600 for purchasing — for the Kistna delta system, sanctioned.

No. 711 I, 19TH AUGUST 1896.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following papers:—

From the Executive Engineer, Kistna Northern Division, to the Superintending Engineer, II Circle, dated 8th July 1896, No. 207 S.E.

[Reference.—Your No. 1793 K.S., dated 25th November 1895.]

In accordance with the above-quoted reference, I have the honour to submit herewith plans and estimates for a Kingston scouring dam for the Kistna Western division.

2. I also submit, herewith, plans and estimates for another scouring dam for the Kistna Eastern division.

3. I have been in correspondence with Messrs. Burn and Co. regarding these dams. The plans now submitted are theirs and were designed by them to suit the requirements in each case, which are fully given in the reports accompanying the estimates; and Messrs. Burn and Co. in their letter, dated 11th June 1896, have offered, if the work is entrusted to them, to deliver the dam and two punts for the Kistna Western division at Bezwada lock for Rs 10,170, and the dam and punt for the Kistna Eastern division for Rs 5,700 at the same place. The punts will be delivered in sections and riveted up in the Bezwada shops. The Kingston scouring dam is a patent, and Messrs. Burn and Co. are the agents in this country for the patentee.

4. I request that early sanction may be accorded as the dams are required for working this irrigation season. I forward, herewith, an application for funds under 49. Capital to meet the cost.

ENCLOSURES.

REPORT to accompany estimate for scouring dam for Kistna Western Division.
The design is to suit the following requirements:—

- (a) To be capable of passing through a lock, 15 feet wide.
- (b) To be suitable for scouring channels with bed widths varying from 30 feet to 35 feet, and side slopes 1 to 1, and depth of 6 feet.

2. To suit these conditions, two dams, each 14 feet wide, and each mounted on a separate punt are provided; gearing is provided for linking the two punts, and sliding shutters are provided on the dams to fit the side slopes of 1 to 1.

REPORT to accompany estimate for a scouring dam for Kistna Eastern Division.
The design is to suit the following requirements:—

- (a) To be capable of passing through a lock, 15 feet wide.
- (b) To be suitable for scouring channels with bed widths varying from 14 feet to 25 feet, side slopes 1 to 1, and depth 6 feet.

No. 711 I. dated 19 August 1896
PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

*From Supp. Engr. B. C. Chish, No. 947 d/11 July/96
No 155 I d/31-7-96
Submitted to*

Govt with a recommendation that the estimates forwarded by the Supp. Engr. B. C. Chish be sanctioned.

Order thereon

The following estimates are sanctioned from the balance of the amount reserved for tools & plant required for the Kistna Delta System, which will then be reduced to Rs. 15,804. Capital Expenditure not charged to Rev. 49. Irrigation

This is rather a large order. I have these scouring dams been tried, and it was with good results?
A14
7.8.96

yes, they have them in use in the Kistna Delta, and have been found most useful, and economical in their working. Reduced
+ Rs. 33,400/10/0
Sanctioned.
A.94
12.8.96

2

No. 711 I., 19TH AUGUST 1896.

2. To suit these conditions, one dam 14 feet wide and 6 feet deep and mounted on one punt has been provided. The variation in bottom width is met by having adjustable sliding shutters fixed to the dam and planks affixed to them to suit the side slopes of 1 to 1.

30th June 1896.

(Signed) H. T. KEELING,
Ex. Engr., Kistna Northern Division.

No. 947 K.

Submitted to the Chief Engineer for Irrigation for favour of sanction of Government being obtained to the estimate amounting to Rs. 17,600 for scouring dams with punts required in the Kistna Eastern and Western divisions. These dams are a great economy in carrying out silt clearances.

2. The amount of the estimate may be met from the balance available for tools and plant of the Kistna delta system.

3. Funds required for these dams may be met from the amount now surrendered by the Executive Engineer, Kistna Eastern division, as per application for modification of allotments sent herewith.

11th July 1896.

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

No. 155 I.

Submitted to Government with a recommendation that the estimates forwarded by the Superintending Engineer, II Circle, be sanctioned.

31st July 1896.

(Signed) R. R. E. DRAKE-BROCKMAN, Col., R.E.,
Chief Engineer for Irrigation.

ORDER—No. 711 I., dated 19th August 1896.

The following estimates are sanctioned from the balance of the amount reserved for tools and plant required for the Kistna delta system, which will then be reduced to Rs. 15,804 :—

Capital expenditure not charged to Revenue.

49. Irrigation.						
Kistna delta system.						
3 Tools and plant.						
2. Plant and machinery.						
1. Double punts and scouring dams	...	...	...	...	...	RS. 11,300
2. Single punt and scouring dam	...	...	...	...	...	6,300
Total	...	...	...	...	...	17,600

2. This sanction is registered as No. 106 I. of 1896-97.

3. The purchase of the dams and punts from Messrs. Burn and Co. is also sanctioned.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
" Superintending Engineer, II Circle, with five enclosures,
" Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

Kistna Delta System

3. Tools & Plant.
2. Plant Machinery

1. Double pinto & scouring
dams . . . Rs 11300

2. Single pinto & scouring
dam . . . 6300

Total 17600

2. This sanction
is registered as No.
1063 of 1896-97.

3. The purchase
of the dams & pinto
from Messrs Brown
& Co is also sanc-
tioned.

31/7
96

31/7
96

To the Chief Engr for S.
Super Engr with 5 a/clos.
S. J. W. 2

Recd
2/9/96

Kistna Delta System
3. Tools & Plant.
2. Plant Machinery

1. Double pinto & scouring
dams . . . Rs 11300

2. Single pinto & scouring
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Total 17600

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tioned.

31/7
96

To the Chief Engr for S.
Super Engr with 5 a/clos.
S. J. W. 2

print

P. W. CUD

7/6/88

Estimates for purchasing
scouring dams & piers
for the Krishna Delta
System.

Encl to 8 (3 plans)

Dated: 18.8.96

Issue

Quoted

13/8

18/8

7.2.9.

19/8

20/8

Regd

11/20/8.

0296

9/12/8

18

Letter from the Engr. Engineer, Krishna
Northern D. to the Supg Engineer, 2nd Div.,
d/ 8th July 1896, N. 207 S. E.

Ref: Your No. 1793 K. S. d/ 25.11.95.

In accordance with the above
quoted reference, I have the honour
to submit herewith plans & estimates
for a Kingston Scouring dam for the
Krishna Western D.

2. I also submit herewith plans
and estimates for another Scouring
dam for the Krishna Eastern D.

3. I have been in correspondence
with Messrs. Brown & Co regarding
these dams. The plans now submitted
are theirs and were designed by
them to suit the requirements
in each case, which are fully given
in the reports accompanying the
estimates; and Messrs. Brown & Co,
in their letter d/ 11th June 96 have offered
if the work is entrusted to them
to deliver the dam and two piers
for the Krishna Western D. at Bezwa
lock for Rs 10,170, and the dam and
pier

print for the Krishna Eastern D. for
Rs. 5700 at the same place. The
prints will be delivered in sections
and pinned up in the Beywada
shops. The Kingston Seaming dam
is a patent and Messrs. Burn & Co
are the agents in this country for
the patentee.

4. Request that early sanction
may be accorded as the dams
are required for working this
irrigation season. I forward
herewith an application for
funds under 49. Capital to meet
the cost.

No. 947K
11.7.96

11P
Est. 2 Est.
3 Plans
11 Apprs. for cost of work
6

Submitted to the Chief
Engineer for Irrigation for favour
of sanction of Government being
obtained to the estimate amounting
to Rs 17,600 for Seaming dams with
prints required in the Krishna Eastern
and Western D. These dams are a

x will follow
- Sent in a
packet.

a great economy in carrying out
all clearances. 5P

2. The amount of the estimate may
be met from the balance available
for tools and plant of the Krishna
Delta System.

3. Funds required for these dams
may be met from the amount now
surrendered by the Sec. Engineer
Krishna Eastern D. as per application
for modification of allotments
sent herewith.

not yet used
157

W. B. Baddley

Major R. R.

Sub Engineer II Civil

M.

From

The Supg Engineer
Lud. Cuth.

To

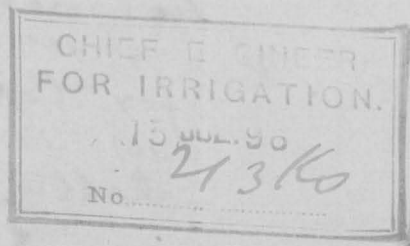
The Chief Engineer
For Irrigation,
Madras.

No. 9474 Sub. 6

Dated 11 July 1896

Two Scouring dams
& piers for Krishna
delta system —
Forwarding for favour
of sanction Estimate &c
for —

05/8/96



Co. 8573. 11.10.93

Report to accompany Estimate for Scouring
dam for Krishna Western Division

1 The design is to suit the following
requirements:

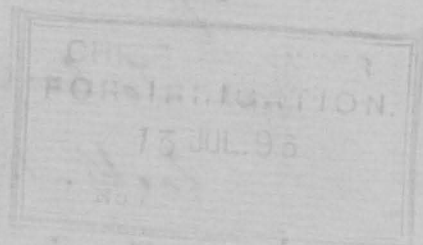
(a) To be Capable of passing through a
lock. 15' wide

(b) To be suitable for Scouring Channels with
bed widths varying from 30' to 35' & side
slopes 1 to 1 & depth of 6'

2 To suit these conditions, two dams
each 14' wide & each mounted on a
separate pier are provided; gearing
is provided for linking the two piers &
sliding shutters are provided on the dams
to fit the side slopes of 1 to 1.

S. J. Keeling Esq.
Executive Engineer
Krishna Northern Div.

20/2/96



ESP
Report to accompany Estimate for a
Scouring dam for Krishna Eastern Division
1 The design is to suit the following require-
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(a) To be Capable of passing through a
lock 15' wide.

(b) To be suitable for Scouring Channels
with bed widths Varying from 14' to 25', side
slopes 1 to 1 & depth 6'

2 To suit these Conditions, one dam
14' wide & 6' deep & mounted on one punt
has been provided. The Variation in
bottom width is met by having adjustable
sliding shutters fixed to the dam & planks
affixed to them to suit the side slopes
of 1 to 1

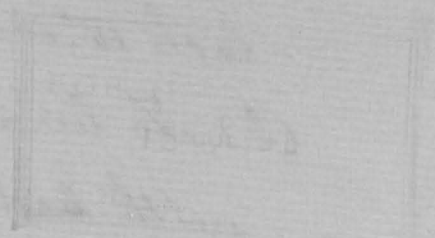
A. J. Keeling
3^d Executive Engineer
Krishna Northern Dy

502
29/6

over 13
2403/66

7

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7452/56