

- (1) பக்கங்களின் எண்ணிக்கை 28
 (2) புதுக்கித் திருப்பிய நாள் 22/6/1990
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 103

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

PWD துறை

7

அரசாணை எண். மு. கோப்புத் தாள் எண்.	927	அச்சகம் பலவகை
நாள் :	19-3-1892	198 .

மடிக்கலோ கண்டபடி கையாளலோ கூடாது

14 Shells
 S. M. S. / 1000

19TH MARCH 1892, No. 927 W., PUBLIC WORKS.

927
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From J. W. MARTIN, Esq., Superintending Engineer, III Circle, to the Chief Engineer for Irrigation, dated Bellary, 6th March 1892, No. 3585.

With reference to G.O., No. 394 W., dated 8th February 1892, in the matter of filling in the existing supply channel to Pata Cuddapah tank, I have the honour to forward an estimate, amounting to Rs. 15,000.

2. In the estimate, the Executive Engineer has made provision for removing the whole of the existing anicuts and removing the materials a distance of one furlong, the total cost for dismantling the anicut being Rs. 2,711. I think, however, that it cannot be necessary to remove the whole length of the anicut, and that, if a breach, about 100 feet long, is made in it, it will be sufficient; but, of course, if the materials composing the anicut can be sold at a reasonable price or used for any work, then the whole length might be removed.

Office-note from the Joint Secretary to Government, Public Works Department, Irrigation Branch, dated 16th March 1892, No. 88.

With reference to G.O., No. 394 W., dated 8th February 1892, the Superintending Engineer, III Circle, now submits an estimate (Rs. 15,000) for work (b) referred to in para. 13 of the Collector of Cuddapah's letter, No. 2914/Eng., * dated 9th January 1892.

* Printed in Revenue Board's Proceedings (Revenue Settlement, Land Records and Agriculture), dated 21st January 1892, No. 43.

† Sent herewith with Superintending Engineer's letter, No. 3585, dated 6th February 1892, and all accompaniments.

2. As the work is considered necessary solely on sanitary grounds, the estimate † should, it is believed, be dealt with in the General Branch and funds provided, if the work be approved, from "Provincial 45. Civil Works."

3. If the work be carried out before the new channel proposed for taking water from the Kurnool-Cuddapah canal to the Pata Cuddapah tank is in working order, that tank will be deprived of all supply.

4. The plans and estimates for the new channel are now ready and about to be submitted to Government, but after sanction, if sanctioned, it will take some time to carry them out as there are several masonry works to be constructed, one of them a "syphon" tunnel 500 feet long under the Bugga river.

19TH MARCH 1892, No. 927 W., PUBLIC WORKS.

ORDER—dated 19th March 1892, No. 927 W., Public Works.

The estimate of Rs. 15,000 for breaching the anicut and filling in the supply channel of the Pata Cuddapah tank appertains to 45. Civil Works, Provincial, but the work cannot be sanctioned or put in hand until the new supply channel is completed. The Superintending Engineer will report when this is done.

(True Extract.)

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

To the Superintending Engineer, III Circle.
" Examiner, Public Works Accounts.
" Chief Engineer for Irrigation.
" Revenue Department.

Exd. A. D. Xavier.
Spare Copies

927/a

BUILDINGS AND ROADS.
CIVIL WORKS.
Govt. of {1892} Madras.
PUBLIC WORKS.

Dated March, 19th.

Recd.

Encl.

G.O., 19th Mar. 1892, No. 927 W.

MARCH.

Pata Cuddapah Tank

Ordering, with remarks, that the estimate of Rs. 15,000 for breaching the anicut and filling in the supply channel of the — cannot be sanctioned or put in hand until the new supply channel is completed.

Specification report to accompany
the Estimate for breaching the Anicut &
filling in the supply Channel of Pata
Cuddapah Tank.

Amount of Estimate Rs. 15000 92 1/4

The Estimate provides for dismantling the masonry of the anicut to the floor level as well as removing the apron adjoining it & to fill in the supply channel with earth Carted from the bed of the Bugga river at an average distance of half a mile. The Sanitary Engineer proposes to lower the bed of the Bugga River for a certain distance above and below the anicut. The Earth thus removed will be used to fill in the supply Channel.

The dismantled stone &c. to be removed at a place pointed out by the Executive Engineer. Special care to be taken that the materials are as little damaged as possible in process of dismantling — no blasting will be allowed in the anicut is very close to

to the town.



Signed / J C Denny
Sub of affair

29th February 1892
B

Mr. Johnston
29/2/92
Exec. Engineer
Kurnool Division

29/2/92

Report to accompany the Estimate
for breaching the ancient & filling in the
supply Channel of Pata Buddapah
Tank.

Amount of Estimate Rs. 15000

The collector of Buddapah asked for
in his letter No. 8065 W/29-12-91 to the
Superintending Engineer Bellary an Estimate
for breaching the ancient & filling in the
supply Channel of Pata Buddapah Tank
from the Head Sluice to the junction of the
proposed new Channel so that the work
may be required for famine relief. The
Estimate is framed in accordance to the
views of the collector.

The work has been
carried out by the
Engineer in Charge
J C Denny
Sub of affair

29th February 1892
B

Mr. Johnston
29/2/92
Exec. Engineer
Kurnool Division

P.S. If this work is taken up as a Famine
Relief work by this Division - the
services of an extra person will be
required. This person has not been included
in the latest requisition submitted. The work
is in the Buddapah District - John Johnston
26.2.92

ESTIMATE FORM.—Detail Measurements.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
<i>Estimate for breaching the ancient V-filling in the Supply Channel of Pata Buddupak Tank.</i>						
<i>Wisunauling & removing stone masonry</i>						
<i>Ancient up to floor level</i>						
<i>1st Tak</i>	1	31	9.75	3.75	1017	
<i>2nd "</i>	1	26.50	7.25	3.75	720	
<i>3rd "</i>	1	2.4	2.2	3.75	1980	
<i>4th "</i>	1	2	2.2	5.75	253	
<i>5th "</i>	1	173.50	2.3	5.75	22945	
<i>6th "</i>	1	194	2.4	6	27936	
<i>7th "</i>	1	174	7	3	3854	
<i>8th "</i>	1	174	16.50	2.75	7895	
<i>9th "</i>	1	273	3	1	819	
<i>10th "</i>	1	273	4.75	2.75	3566	
<i>Apron 1st Tak</i>	1	21	12	1.75	441	
<i>2nd "</i>	1	68	21.50	1.75	2555	
<i>3rd "</i>	1	178	21.50	1.75	6695	
<i>4th "</i>	1	194	21.50	1.75	7300	
<i>5th "</i>	1	174	33	1.75	10048	
<i>6th "</i>	1	273	15	1.75	7167	
<i>7th "</i>	1	273	19.25	1.75	9196	
<i>8th "</i>	1	273	19.25	1.75	9196	
<i>Total left</i>						113990
<i>Earthwork for removing mound in front of ancient</i>	1	20	60	3	3600	
<i>Mound</i>	1	20	50	3	3000	
<i>10th "</i>						
<i>Total left</i>						6600 or Units
						6.600

92 1/4

ESTIMATE FORM - Detail Measurements.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
1	2	3	4	5	6	7
Filling in the Supply Channel from the Head Sluice to the junction of proposed new channel Earthwork Digging & Cutting Between Cross Sections 1 & 2						
100	2 & 3	1	624.70 + 440.15		$\times 660 = 442,642.20$	
100	3 & 4	1	440.15 + 657.95		$\times 660 = 362,373.00$	
100	4 & 5	1	657.95 + 718.80		$\times 200 = 137,675.00$	
Total cft						12,94,090.7
or Units						12,94,091

Signed J C Kennedy
Sub. of Officer

Miss Johnston
Exec. Engineer
Munich Division

29th February 1892

Checked
This
5-2-92

Earthwork Calculations Sheet
Vide Cross Sections

Sectional area of C.S. No. 1

$$\begin{aligned}
 & \frac{0 + 2.63}{2} \times 10 + \frac{2.63 + 9.50}{2} \times 6 + \frac{9.50 + 10.52}{2} \times 10 + \\
 & \frac{10.52 + 10.93}{2} \times 10 + \frac{10.93 + 10.61}{2} \times 10 + \frac{10.61 + 10.68}{2} \times 10 + \\
 & \frac{10.68 + 9.58}{2} \times 10 + \frac{9.58 + 7.72}{2} \times 10 + \frac{7.72 + 2.40}{2} \times 10 + \frac{2.40 + 0}{2} \times 10 = 716.64
 \end{aligned}$$

Sectional area of C.S. No. 2

$$\begin{aligned}
 & \frac{0 + 1.50}{2} \times 12 + \frac{1.50 + 8.53}{2} \times 6 + \frac{8.53 + 10.62}{2} \times 10 + \\
 & \frac{10.62 + 10.51}{2} \times 10 + \frac{10.51 + 10.83}{2} \times 10 + \frac{10.83 + 10.23}{2} \times 10 + \\
 & \frac{10.23 + 7.86}{2} \times 12 + \frac{7.86 + 2.18}{2} \times 6 + \frac{2.18 + 0}{2} \times 30 = 624.70
 \end{aligned}$$

Sectional area of C.S. No. 3

$$\begin{aligned}
 & \frac{0 + 5.03}{2} \times 7 + \frac{5.03 + 6.62}{2} \times 10 + \frac{6.62 + 8.60}{2} \times 10 + \frac{8.60 + 8.11}{2} \times 10 + \\
 & \frac{8.11 + 7.96}{2} \times 10 + \frac{7.96 + 5.94}{2} \times 10 + \frac{5.94 + 2.51}{2} \times 10 + \frac{2.51 + 0}{2} \times 10 = 440.15
 \end{aligned}$$

Sectional area of C.S. No. 4

$$\begin{aligned}
 & \frac{0 + 2.20}{2} \times 1 + \frac{2.20 + 3.11}{2} \times 10 + \frac{3.11 + 7.52}{2} \times 10 + \frac{7.52 + 10.07}{2} \times 10 + \\
 & \frac{10.07 + 10.21}{2} \times 10 + \frac{10.21 + 9.96}{2} \times 10 + \frac{9.96 + 9.86}{2} \times 10 + \frac{9.86 + 8.36}{2} \times 10 + \\
 & \frac{8.36 + 5.66}{2} \times 10 + \frac{5.66 + 1.32}{2} \times 10 + \frac{1.32 + 0}{2} \times 4 = 657.95
 \end{aligned}$$

Sectional area of C.S. No. 5

$$\begin{aligned}
 & \frac{0 + 2.75}{2} \times 10 + \frac{2.75 + 5.07}{2} \times 10 + \frac{5.07 + 8.35}{2} \times 10 + \frac{8.35 + 10.23}{2} \times 10 + \\
 & \frac{10.23 + 9.91}{2} \times 10 + \frac{9.91 + 9.78}{2} \times 10 + \frac{9.78 + 9.10}{2} \times 10 + \frac{9.10 + 8.37}{2} \times 10 + \\
 & \frac{8.37 + 7.57}{2} \times 10 + \frac{7.57 + 7.5}{2} \times 10 + \frac{7.5 + 0}{2} \times 10 = 718.80
 \end{aligned}$$

Signed J C Kennedy
Sub. of Officer

Miss Johnston
Exec. Engineer
Munich Division

Checked
This
5-2-92

February 1892



Water List to accompany the Estimate for breaching the
Ancient and filling in the supply channel of Porto
Rendolapato Tank.

927/4

Quantity	Particulars	Rate	Per	Amount	Total
1/2	Dismounting Musbury				
	Maw Coolies	" 4 ⁰⁰ Each	"	8 ⁰⁰	
	Total for 27 cft.		"	8 ⁰⁰	
	For 100 cft.				1 14 ⁰⁰
<hr/>					
1 Cyd	Earthwork for filling in the supply channel				
	Digging		"	1 ⁰⁰	
	Loading		"	3 ⁰⁰	
	Carting 1/2 mile average		"	2 ⁰⁰	
	Sundries		"	3 ⁰⁰	
	Total for 27 cft.		"	4 ⁰⁰	
	For 1000 cft.				9 41
	or Say				9 4 ⁰⁰

/Signed/ J C Dennisby
Sub. of Officer

James Johnston
Exec. Engineer
Kurnool Division

29th February 1892

ESTIMATE FORM.—Abstract.

STATION

Dated _____

1-85-21

Signed JCBennedy
Secy of Affairs

Executive Engineer.

Kurnool Dec 11/10

REFERENCE TO MADRAS P. W. D. CODE,
EDITION OF 1886.
PARAS. 921, 932, &c., 949, 952-955, 962-964.

P. W. D. FORM,
No. M 207.



CIRCLE— 3 12
DIVISION— Kurnool
DISTRICT— Gundlupeta
TALUK (OR ESTATE IN CASE OF ESTATE WORKS)—

ESTIMATE FORM.—Abstract.

Financial Head— Provincial Irrigation

Budget Head— 43 minor works, sanctioned
works for which neither capital
revenue accounts are kept.

Departmental Head— Original work

Main Head—

Sub-Head—

Project of which
the work forms part—

Section—

Name of Work— Estimate for the

the ancient & filling in the
supply channel of Pata
Gundlupeta Tank

Amount of Estimate, Rs.— 15,000

To be carried out by—

REFERENCES.

P. W. DEPARTMENT.

Read the following:—

Letter from the S.E. III Circle No. 3585 of 6.iii.92
Office note from the C.E. for
price 88 of 16.iii.92

927/9

FOR ORDERS.

Whether the
estimate can be
sanctioned under 45,
Civil Works, Provincial,
and the question
of a special allotment
of funds for 1892-93
be permitted to the
Financial Dept
for consideration.

The estimate appears to be
for the purpose of the
supply channel is complete.

19th March

L

19th March

85

R.S.

No. 3585

Superintending Engineer's Office,
3RD CIRCLE.

Bellary 6 March 1892

FROM

J. R. Martin Esq
SUPERINTENDING ENGINEER,
IIIRD CIRCLE.

TO

THE Chief Engineer
for Irrigation
Madras

Sir,

With reference to G.O. No.

Enclosures. 10
1 Report

1 Detail estimate

1 Abstract

1 Specification

1 Data

1 Calculation sheet

2 sheets tracings

sections of

Bugga River

2 sheets tracings

sections of

channel

7/10

394 W dated 8th February 1892 in
the matter of filling in the existing
supply channel to Patha Cuddappa
tank I have the honor to forward
an estimate amounting to Rs. 15000
2. In the estimate the Executive
Engineer has made provision
for removing the whole of the
existing anicuts and removing the
materials a distance of one furlong
the total cost for dismantling
the anicut being Rs. 2711. I think
however that it cannot be necessary
to remove the whole length of
the anicut, and that if a breach
about

about 100 ft. long is made in
it, it will be sufficient; but of
course if the materials composing
the anicut can be sold at a
reasonable price or used for
any work than the whole length
might be removed.

I have the honor to be,
Sir,

Your most obedient servant

J. W. Martin
Suptg. Engineer
III circle

5/3/92

927
11

From,
The Superintending Engineer,
IIIrd Circle,
Bellary.

To,
The Chief Eng
for Irrigation
Madras

Dated 6
Received } March 1892

Enclosures. 10

No. 3585

Subject.

Patha Goud & Co. of the
Tank; forwards
estimate Rs. 15000,
for

CHIEF ENGINEER
FOR IRRIGATION.
-9 MAR. 92

No.

E. I. Form No. 34-F

GOVT.
OF MADRAS.

1892.

(P. W.
DEPT.)

CHIEF ENGINEER FOR IRRIGATION.

Madras, 16 March 1892

OFFICE NOTE No. 88

Circulation Register.

To	From	Despatch Date.	Receipt Date.
W	S.	2	1

KEEP-WITH.

No. , dated 189 .

+Printed in Rev. B's Pro.
Rev Sett. L. R & A. No 43 of
21-1-92.

*sent herewith to S. E's letter
No 3585 of 6.2.92 and all
accompaniments

With reference to G.O
No 394. W. of 8.2.92, the
Supg. Engineer 3rd Circle
now submits an estimate
(Rs 15000) for work (as) referred
to in para 13 of the collector
of Pudducherry's letter No
2914 of 9.1.92

2. As the work is considered
necessary solely on
sanitary grounds the
estimate should, it is
believed be dealt with
in the General Branch
and funds provided
if the work be approved
from

from "Provincial 45
Civil works".

3. If the work be carried out before the new channel proposed for taking water from the Kurnool-Guddapah Canal to the Patha Guddapah Tank is in working order, that tank will be deprived of all supply.

4. The plans & estimates for the new Channel are now ready and about to be submitted to Government, but after sanction, if sanctioned, it will take some time to carry them out as there are several masonry works to be constructed one of them a "Siphon" tunnel 500 feet long under the Bugga River.

17/3/92

No. 87.5 9412-11-7
" 394W - 8-2-7
" 660W - 29-2-7

No. 927 W of 19 March 1892

PUBLIC WORKS DEPARTMENT

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Letter from the S.E. III Circle (H.E. No. 3585 of 6. iii. 92)
Office note from the ^{S.E.} ~~II~~ Circle (H.E. No. 3585 of 16. iii. 92)
Sout. Secy. to Gov.
Durgam 102

The estimate of Rs 15,000 for breaching the Anicut and filling in the supply channel of the Pata Cuddapah Tank appertains to 45, Civil Works, Provincial, but the work cannot be sanctioned or put in hand until the new supply channel is completed. The Supt. Engineer will report when this is done.

S.E. III Ariles
E. P. W. A
C. E. P. S.
Rev. depe

1913-4 ✓ 1915

21

PROCEEDINGS OF THE BOARD OF DIRECTORS

2 1/10

927
1/14

X

C No 2917

Govt. of Madras.

PUBLIC WORKS.

22/3/32

22/3/32

G.O. 19th March 1932 No. 727. W

Pata Buddapah

Tank

with new supply

Ordering that the estimate

of Rs. 15,000 for breaching

the ancient and filling

in the supply channel

of the — cannot be

sanctioned or put in

hand until the new supply

channel is completed.

14

90/

22/3/32 22/3/32