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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	2548	(2)	Press
~~B.P. No.~~			~~Mis.~~
Dated	8-9-	1875	

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th September 1875.*

Read the following —

No 996

No 130 *Note by the Chief Engineer for Irrigation*

In paragraph 31 of the notes of inspection of the Nellore District printed in Proceedings, Madras Government, 9th June 1875, No 1,612, the requirements of the Chinnakraka Tank were noticed, and the District Engineer has now submitted an estimate, amounting to Rupees 13,850, for the reconstruction and extension of the surplus weir, which was ruined by the floods of 1874. The circumstances of the site render the surplus weir costly, and all alternative sites have been considered, but from cultivation being in the way of the discharge of surplus from the north end of the tank, and from difficulties in the way of keeping the surplus away from the bund itself at the south end, it has been considered best to retain the old site, and to allow the surplus at once to pass direct into the present channel.

2 The District Engineer reports that the work being emergent is being proceeded with in anticipation of sanction.

3 The following are the revenue particulars of the tank —

	Rs
Ayacut area	Acres 1,054
" assessment	Rupees 5,003
Average revenue	" 4,922

The expenditure on Repairs during the past five years is reported to have been Rupees 531.

4 As the work of reconstruction is of a much more permanent character than the old calingulah, it appears to be proper to charge the old cost to Capital. The work is properly a major work, but, as there are no funds for such works available for transfer, it appears to be requisite to supplement the district grant for Minor New Works from the amount at the disposal of Government, and it is recommended that Rupees 13,850 be so transferred to meet the expenditure under this estimate.

OOTACAMUND,
27th August 1875

(Signed) JOHN MULLINS, Lieut-Col, R.E.,
Chief Engineer for Irrigation

AGRICULTURAL—ORDINARY—CAPITAL

ABSTRACT ESTIMATE

Nellore District, Kural Taluq

WORK —Constructing a Surplus Weir for the Chinnakraka Tank

Contents	Particulars	Rate	Per	Amount	Total
	<i>Body wall</i>	RS A P		RS A P	RS A P
112½	Cubic yards of concrete	2 8 0	C yd	280 13 4	
965½	Do of rubble in mortar	2 14 0	"	2,775 13 0	
100½	Do of laterite in do	7 0 0	"	704 10 8	
106½	Squares of pointing	2 8 0	Square	266 4 0	

Proceedings of the Madras Government, Public Works Department,
8th September 1875

WORK —Constructing a Surplus Weir for the Chinnakraka Tank —(Continued)

Contents	Particulars	Rate	Per	Amount	- Total
	<i>Wing walls</i>				
37½	Cubic yards of concrete	2 8 0	C yd	94 2 8	
129	Do of rubble in mortar below do	2 14 0	"	370 11 0	
304	Do do above foundation do	3 0 0	"	912 0 0	
167	Squares of pointing	2 8 0	Square	41 12 0	
	<i>Cistern walls</i>				
66½	Cubic yards of concrete	2 8 0	C yd.	166 4 0	
211½	Do of rubble in mortar	2 14 0	"	607 9 4	
74½	Do of laterite in do	7 0 0	"	521 8 0	
13½	Squares of pointing	2 8 0	Square	33 12 0	
	<i>Retaining wall between lower and higher Cisterns</i>				
3½	Cubic yards of concrete	2 8 0	C yd	8 12 0	
22	Do of rubble in mortar	2 14 0	"	63 4 0	
2½	Do of laterite do	7 0 0	"	17 14 2	
17	Squares of pointing	2 8 0	Square	4 4 0	
	<i>Retaining wall between lower and higher Aprons</i>				
8½	Cubic yards of concrete	2 8 0	C yd	21 10 8	
20½	Do of rubble in mortar foundations	2 14 0	"	58 15 0	
37½	Do of do above	2 14 0	"	107 13 0	
27	Squares of pointing	2 8 0	Square	6 12 0	
	<i>Retaining wall between lower floor at the Drop and Apron</i>				
17	Cubic yards of rubble in mortar	2 14 0	C yd	48 14 0	
6	Squares of pointing	2 8 0	Square	1 8 0	
	<i>Cut Water and Cap</i>				
2	Cubic yards of rubble in mortar	3 0 0	C yd	6 0 0	
75	Squares of pointing	2 8 0	Square	1 14 0	
	<i>Cisterns, lower and higher</i>				
317	Cubic yards of concrete	2 8 0	C yd	792 8 0	
542	Do of Cyclopean rubble in mortar	3 8 0	"	1,897 0 0	
91	Squares of pointing	2 8 0	Square	227 8 0	
	<i>Dry rubble filling between Cistern walls and Retaining wall</i>				
201	Cubic yards of dry rubble filling	1 10 0	C yd	326 10 0	
	<i>Flooring between retaining walls of lower and higher Aprons</i>				
13½	Cubic yards of concrete	2 8 0	"	33 5 4	
26½	Do of rubble floor with concrete in the interstices	2 0 0	"	53 5 8	
	<i>Rubble Aprons, lower and higher</i>				
1,500	Cubic yards of rubble apron	1 8 0	"	2,250 0 0	
	<i>Rubble pitching at the end of lower and higher Aprons</i>				
56	Cubic yards of rubble pitching	1 12 0	"	98 0 0	
28	Do of gravel backing	0 12 0	"	21 0 0	
	Excavating foundations and filling in			830 0 0	
4,753	Baling water	0 1 6	C yd	100 0 0	
	Cubic yards of removing portion of existing embankment			445 9 6	

Proceedings of the Madras Government, Public Works Department,
8th September 1875.

WORK —Constructing a Surplus Weir for the Chinnakraka Tank —(Concluded)

Contents	Particulars	Rate	Per	Amount	Total
		RS A P		RS A P	RS
	Demolishing old calingulah			300 0 0	
	Improvement of surplus channel below weir			125 0 0	
1	Temporary escape for ordinary surplus during construction of weir	..	..	100 0 0	
	Superintendence and sundries			777 1 8	
	Total			...	15,500
	<i>Deduct for old Materials</i>				
1,520	Cubic yards of rubble stone in stock	0 15 0	C yd	1,425 0 0	
45	Do of laterite do	5 0 0	"	225 0 0	
	Total to be deducted		..		1,650
	Total				13,850

No 131 ORDER THEREON, 8th September 1875, No 2,548.

IRRIGATION, No 12

Account

THE following estimate is sanctioned —

Reconstructing and extending the surplus weir of the Chinnakraka Tank, Nellore District 13,850
the cost will be chargeable to Capital, and the amount of the estimate is made available from the Minor New Works grant under Agricultural at the disposal of Government.

(True Extract)

(Signed) G W WALKER, Major-General, R E,
Secretary to Government

To the Officiating Superintending Engineer, Nellore
" Chief Engineer for Irrigation 42
" Controller of Public Works Accounts

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Spare Copies

56
Specification to accompany
the plan and estimate for the
Surplus Weir proposed for the
Chinna Prakra Tank.

The total length of the Body
Wall to be 418 feet. A cutwater, 5 feet
in maximum breadth, will be
built on this wall, as shown on
the Drawing, to prevent the overfall
impinging on the retaining wall
of the upper, or higher, cistern.

The effective waterway will
therefore be $418 - 5 = 413$ feet.

In consequence of the great

difference in the level of the Country
at the site of the proposed Weir,
the foundations will be laid at
the levels indicated on the
Drawing.

Two Cisterns will be built in
rear of the Body Wall

The floor of the one on the
higher level to be 8 feet below
the crest of the Body Wall of the
Weir. The floor of the lower cistern
to be 6 feet below that of the
higher.

The

The floors of both cisterns to consist
of Cyclopean rubble, in hydraulic
mortar, with as close joints as
possible. The portion of the floor
of the lower cistern, within the
influence of the overfall, will
be 3 feet in thickness. Beyond
this margin it will be 2 feet
in thickness. The floor of the
higher cistern will be 2 feet in
thickness throughout. The floors
will rest on beds of concrete, one
foot in thickness, as shown on
the Drawing. Where the flooring

does not rest immediately on the concrete the space between the concrete and the masonry will be carefully filled in with dry rubble and stone chips. After this has been done sand will be washed in to fill up all remaining interstices. The crest of the Body Wall and the crest of the retaining wall, to be of laterite on edge, in hydraulic cement. The former will be 2, the latter $1\frac{1}{2}$ feet in thickness.

The rubble aprons will be laid with reference to the levels of

their respective cisterns. The apron of the higher cistern will be retained in position by a retaining wall of the dimensions shown on the cross section K.L. The interstices of the apron of the lower cistern will be filled in with hydraulic concrete for a length of 12 feet from this retaining wall. The stability of that part of the apron will also be increased by a binding wall as shown on the section K.L.

Where the rock is compact,

112
within the limits of the cistern;
the masonry flooring will be
dispensed with, but all spaces
between the boulders, will be
well cleared out and carefully
filled in with hydraulic concrete.

The masonry and concrete to
be kept moist for 15 days.

The materials and labour to
be of the best description procurable.

Wm. Smith
Offg. Superintending Engineer.
Superintending Engineer
Pellon
17th August 1875
E. O. C.

Enclosure in a letter to
45 dated 17th August
1875 from the Chief
Engineer to the Chief Engineer
for Irrigation.

Ms 6 N: 2548 98 Sept 75

Encls of 902548
F. 1. 1. D 2/9/75

Specification to accompany
the Plan & Estimate
for the Surplus weir
proposed for the
Chinnakraka Sault

130-131

17.5810/75.

Ch 2/16/75

Ordinary Abstract Estimate
new works Chinnakraka Sault
Irrigation
Work for constructing a surplus weir for the
Chinnakraka Sault

Contents - Particulars - Rate Per Footwork - Total

Body wall
112 1/2 Cords of Concrete 28. per cord 280 134
965 1/2 - Do of rubble in mortar 2.14. do 2775 130
100 2/3 - Do of laterite in do 7.00 do 704 108
106 1/2 Squares of Pointing 28. per sq 266 40

Wing walls
37 2/3 Cords of Concrete 28. per cord 94 28
129 - Do of rubble in mortar 2.14. do 370 14
below do

304 - Do Do above foundation 3.00 do 912 00
16.7 Squares of Pointing 28. per sq 41 12

Counter walls
66 1/2 Cords of Concrete 28. per cord 166 40
211 1/3 - Do of rubble in mortar 2.14. do 607 94
74 1/2 - Do of laterite in do 7.00 do 521 80
13 1/2 Sqrs. of Pointing 28. per sq 33 12

Carried Over Rs 67757

Brought forward. 6775.7

Retaining wall between lower & higher Cisterns

3 1/2 Cys of Concrete 28.0 per sq 8 12.

22 Do of rubble in mortar 2 14.0 do 63 4.

2 1/2 Do of latting do 7.00 do 17 14.2

1.7 Sqr of Painting 28.0 per sq 4 4.

Retaining wall between lower and higher aprons.

8 1/2 Cys of Concrete 28.0 per sq 21 10.8

20 1/2 Do of rubble in mortar foundations } 2 14.0 do 58 15.

37 1/2 Do of D above 2 14.0 do 107 13.

2.7 Squares of Painting 28.0 per sq 6 12.

Retaining wall between lower floor at the Drop and Apron

17 Cys of rubble in mortar 2 14.0 per sq 48 14.

.6 Squares of Painting 28.0 per sq 1 8.

Cut water and Cap

2 Cys of rubble in mortar 3.00 per sq 6 0.

.75 Squares of Painting 28.0 per sq 1 14.

Cisterns lower and higher

317 Cys of Concrete 28.0 per sq 792 8.

542 Do of Cyclops in rubble in mortar } 38.0 do 1897 0.

91 Squares of Painting 28.0 per sq 227 8.

Carried Over Rs. 10039 15/10

Brought forward Rs. 10039 15/10

Dry rubble filling between Cistern walls and retaining wall

201 Cys of dry rubble filling 1 10.0 per sq 326 10.

Floors between retaining walls of lower & higher aprons.

13 1/2 Cys of Concrete 28.0 per sq 33 54

26 3/4 Do of rubble floor with concrete in the } 2.00 do 53 58
interstices

Rubble aprons lower & higher

1500 Cys of rubble apron 1 8.0 per sq 2250 0.

Rubble pitching at the end of lower & higher aprons

56 Sqr of rubble pitching 1 12.0 per sq 98 0.

28 Do Gravel backing 12.0 do 21 0.

Excavating foundations and filling in

Baling water 100 0.

47 1/2 Cys of rubble pitching } 1 12.0 per sq 450 96
foundations Embankment

Demolishing old

Calingulaks } 300 0.

Improvement of surface

channel below weir } 125 0.

Carried Over Rs. 14622 1/4

Brought forward Rs. 14,625 1/4

1 Temporary Escape
for ordinary surplus
during construction of
Weir 100

Superintendence and
messes 777 1/8

Total Rupees 15,500

Deduct for old materials

1520 Cys of rubble stone
in the op 150 per Cys 1425 00

45 Do of laterite do 500 do 225 00

Total Rupees to be deducted 1650

Total Estimated Rupees 13,850

compd
89.

Superintending Engineer's
Office
Bellary
17th August 1875.
J. S. S. S.
Collector

Amittu
Superintending
Engineer

Enclosure in a letter
No 45 dated 17th August
1875 from the Officer
Engineer in Charge of the
Chief Engineer for
Irrigation Madras

Ordinary
Sp. 100 + 10
Irrigation

Abstract Estimate
Work - Constructing
a Surplus weir for
the Chinnakraka
Tank. Amount Rs 13850.

17.5810/95
2

Ch. 166/95

Detailed Estimate
Kolore District
Kavali Taluk

Work Constructing a Surplus Weir for the
Chinnakraka Tank

Particulars of Work

	Measurement in feet and inches	Cubic feet	Superficial square feet
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Booy wall Concrete

Under booy wall at lower level	200-10-7-21	2841-4	
Do do at higher do	137-4-6-61-0	892-8	
<u>Total Cft of Concrete</u>		<u>3034-0</u>	
or Cft of D.		112-3	

Rubble in Mortar

Booy wall at lower level	207-6-5-3-14	21131-3	
Do to reach higher do	20-4-10-11-0	1072-6	
Do at higher do	107-6-4-6-8-0	3865-6	
<u>Total Cft of Rubble in Mortar</u>		<u>26069-3</u>	
or Cft of D.		965-2	

Laterite Coping and quoins Mortar

Over booy wall	418-3-3-2-0	2717-0	
<u>Total Cft of laterite in mortar</u>		<u>2717-0</u>	
or Cft of D.		100-3	

Painting

Top and faces of body
wall at lower level } 1 281.3 30.0 8437.6
Do Do at higher level 1 134.3 16.6 2215.1¹/₂
Total sq feet of Painting 10652.7¹/₂
or squares of Do 106.5

Wing walls Concrete

Under front wing at lower
level straight & curved portions } 1 10.0 8.0 1.0 80.0
Do beyond body wall at
lower level } 1 3.6 9.8 1.0 33.0
Do rear curved portion at } 1 28.6 7.7 1.0 216.1¹/₂
Do Do return at Do Do 1 22.0 5.6 1.0 121.0
Under front wing straight and
curved portion at higher level } 1 47.8 7.0 1.0 330.9
Do rear curved portion Do Do 1 29.0 5.9 1.0 166.9
Do return Do Do 1 15.3 4.6 1.0 68.7¹/₂

Total C feet of Concrete 1017.1

or C yds of Do 37¹/₃

Rubble in Mortar foundations

Front wing at lower level } 1 36.9 5.6 5.0 1194.4¹/₂
Do curved portion to reach
deeper foundations } 1 7.1¹/₂ 6.6 6.0 277.10¹/₂

Do curved portion and abutment } 1 10.1¹/₂ 6.6 7.0 460.8¹/₄
Rear straight do at lower level } 1 3.6 8.8 2.0 60.8
Rear curved portion Do Do 1 28.0 6.7 2.0 368.8
Do return Do Do 1 22.6 4.6 2.0 202.6
Front wing curved and straight
portion at higher level } 1 46.9 6.0 2.0 561.0
Rear Do curved portion do do } 1 28.6 4.9 2.0 270.9
Do return at do do } 1 14.9 3.6 2.0 103.3
Total C feet of Rubble in Mortar 3499.9¹/₂
or C yds of Do 129.

Rubble in Mortar above foundations

Front wing at lower level } 1 53.3 4.9¹/₂ 5.0 1275.9
Do Do in offsets at Do } 1 53.3 3.1¹/₂ 10.0 1664.0¹/₄
Do beyond body wall at Do } 1 3.6 4.7 20.0 320.10
Rear do curved portion at do do } 1 27.0 3.8 15.0 1485.0
Rear Return at lower level } 1 24.6 2.9 10.0 673.9
Front wing straight and curved
portion at higher level } 1 45.9 3.10 4.0 708.6
Do do in offsets at Do Do } 1 45.9 2.9 9.0 1132.4
Rear do curved portion at Do Do } 1 27.0 3.1¹/₂ 3.3 247.3
Do do in offsets at Do Do } 1 27.0 2.3¹/₂ 7.3 448.6
Do return at Do Do } 1 14.3 2.3¹/₄ 2.6 82.4
Do do in offsets at Do Do } 1 14.3 1.10¹/₂ 5.6 147.0

Total Cft of rubble in mortar 8205.32

or Cys of D. 304.

Painting

Face and top of front wing curved
portion at lower level } 1 16-0 19-6 312-0

D. at the body wall at D.D. 1 3-0 7-6 22-6

D. beyond do do at D.D. 1 4-0 21-6 86-0

Rear curved portion of D. at do do 1 27-6 15-0 412-6

D. return at D.D. 1 9-0 9-6 85-6

D. D. D. D. 1 14-0 6-0 84-0

Front wing curved portion at
higher level } 1 16-0 12-6 200-0

D. at body wall at D.D. 1 3-0 7-6 22-6

D. beyond body wall at do do 1 4-0 15-6 62-0

Rear curved portion at do do 1 27-6 14-6 316-3

D. return at do do 1 2-0 7-0 14-0

D. D. D. D. 1 11-6 4-6 51-9

Total Sq. feet of Painting 1669-0

or Squares of D. 16.7

Retaining Wall & Concrete

Under retaining wall at lower level 1 301-0 4-0 1-0 1204-0

D. do do rising by
offset to reach higher level } 1 147-9 4-0 1-0 591-0

Total Cft of Concrete 1795-0

or Cys of D. 66 1/2

Rubble in Mortar

Retaining wall at lower level 1 300-0 3-0 4-6 4050-0

D. rising by offset } 1 14-0 3-0 6-6 273-0

to reach higher level

D. D. at higher level 1 131-7 3-0 3-6 1681-7 1/2

Total Cft of rubble in mortar 5704-7 1/2

or Cys of D. 211 1/2

Stone Coping on edge in mortar

Over retaining wall of } 1 446-3 1-6 2009-3

both levels

Total Cft of Stone in mortar 2009-3

or Cys of D. 74-2

Painting

On top of retaining wall of } 1 446-3 1-6 1339-6

both levels

Total Sq. ft. of Painting 1339-6

or Squares of D. 13.5

Retaining wall between lower & higher Cisterns

Concrete 1 19-6 5-0 1-0 97-6

Total Cft of Concrete 97-6

or Cys of D. 3 1/2

Rubble in Mortar

Retaining wall between
lower and higher cisterns } 1 20-6-3 11-10-6 672-8

Total Cft of Rubble in Mortar 672-8

Deduct for

The portions in excess above
the surface of the higher
cistern floor level } 1 16-6 2-3 2-3 83-6

Total Cft of Rubble in Mortar less
deductions } 589-2

Latent Cyprip edge in Mortar or Cyprip of D 22.

Painting lower & higher cisterns } 1 21-6 2-1 1-6 68-6

Total Cyprip plates in Mortar 25.

Top and face of retaining
wall between lower and
higher cisterns } 1 21-0 8-0 168-0

Total Sq ft of Painting 168-0

or Sq ft of D 17

Retaining wall between lower and higher
Concrete Apron

Under retaining wall 1 31-6 7-6 1-0 235-9

Total Cft of Concrete 235-9

or Cyprip of D 8 2/3

Rubble in Mortar formations

Retaining wall between
lower and higher Aprons } 1 30-9 6-0 3-0 553-6

Total Cft of Rubble in Mortar 553-6

or Cyprip of D 20 2/3

Rubble in Mortar above formations

Retaining wall between
lower and higher Aprons } 1 30-3-9 9-0 1012-6

Total Cft of Rubble in Mortar 1012-6

or Cyprip of D 37 2/3

Painting

Top and face of the retaining
wall between lower and higher
Aprons } 1 30-0 9-0 270-0

Total Sq ft of Painting 270-0

or square feet of D 27

Retaining wall between lower floor at
the drop and apron

Rubble in Mortar

Retaining wall 1 30-3-2-6 6-0 453-9

Total Cft of Rubble in Mortar 453-9

or Cyprip of D 17

Painting

On top of retaining wall 1 30-0 3-0 60-0

Total Sq ft of Painting 60-0

or square feet of D 6

Cast water and Cap

Rubble in Mortar

Cut water over the body wall
at the junction of lower
and higher level

Cap over Do 1 5-6 2-0 1-6 17-6

Total Cft of rubble in Mortar 55

or Cyos of Do 2

Pointing

Cut water 1 13-0 5-0 65-0

Cap over Do 1 2-9 3-6 9-7 1/2

Total Sq ft of Pointing 74 1/2

or Sq ft of Do .75

Lower and higher Cisterns

Concrete

Under lower & higher
Cisterns 1 428-0 20-0 1-0 8560-0

Total Cft of Concrete 8560-0

or Cyos of Do 317

Cyclopean Rubble in Mortar

Cistern at lower level 1 278-6 13-0 3-0 10861-6

Do thick portion at the
drop 1 19-6 12-0 3-0 702-0

Do at lower level 1 284-0 6-6 2-0 3692-0

Do at higher level 1 143-6 21-0 2-0 6027-0

Total Cft of cyclopean rubble in Mortar 21283-6
or Cyos of Do 788 2/3

Deduct for

Rock Total Cyos 246-0

Total Cyos of Cyclopean rubble in Mortar 542 2/3
for Cisterns

Pointing

Top of Cisterns 1 443-6 21-0 9103-6

Total Sq ft of Pointing 9103-6

or Sq ft of Do 91

Dry rubble

Filling the space between
the concrete and Cisterns
at the Cistern wall at the
lower level 1 296-0 6-0 2-0 3552-0

Do Do at higher do 1 147-6 8-6 1-6 1880-7 1/2

Total Cft of Dry rubble in Mortar 5432-7 1/2

or Cyos of Do 201 2/3

Concrete

Under the concrete rubble
apron between retaining walls
at the lower level 1 30-0 12-0 1-0 360-0

Total Cft of Concrete 360-0

or Cyos of Do 13 1/2

Rubble floor with concrete in the interstices
 Floor strip between the
 retaining walls. } 1 12-0 30-0 2-0 720-0
Total Cft of rubble floor 720-0
 or Cys of D. 26 $\frac{2}{3}$

Rubble stone
 For lower apron 1 296-0 30-0 3-0 26640-0
 D. higher D. 1 154-0 30-0 3-0 13860-0
Total Cft of rubble stone 40500-0
 or Cys of D. 1500

Rubble pitching
 At the end of the lower
 apron or in front of the retaining wall } 1 30-0 19-0 1-6 885-0
 D. do of higher aprons 1 30-0 14-0 1-6 630-0
Total Cft of rubble pitching 1515-0
 or Cys of D. 56 $\frac{1}{9}$

Gravel Backing
 Under rubble pitching
 on both sides of the lower } 1 60-0 25-0 0-6 750-0
 & higher aprons
Total Cft of Gravel backing 750-0
 or Cys of D. 28

Excavating foundations
and filling in
balancing water
 Removing portion of
 existing embankment } Total Cys. 4753

Demolishing old
 Calingulah }
 Improvement of rippled
 channel below Weir }
 Temporary Dredger for
 ordinary purposes }
 during construction
 of Weir }
 Superintendence and
 services }
Deduct for old materials
 Cys of rubble stone 1520
 D. laterite do 45

Enclosure in a letter
No 45 dated 17th
August 1875 from
the ~~Offg~~ ~~Chief~~ ~~Engineer~~
to the ~~Offg~~ ~~Chief~~ ~~Engineer~~
for Irrigation Madras

Detailed Estimate
Work - Constructing
a surplus weir for
the Chinnakraka
Tank

Rs 1611 25 48 38 Sept 75

CS 1/1662/75

Encl 5

110996
Note by the Chief Engineer for Irrigation
In para 31 of the Rules of inspection
of the Bellary District printed in Pro:
Madras Government, 7th June 1875, No 1612,
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discharge of surplus from the north
end of the tank, and from difficulties in
the way of keeping the surplus away
from the head itself at the south end,
it has been considered best to retain
the old site, and to allow the surplus
at once to pass direct into the present
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2. The District Engineer reports that the work being executed is being proceeded with in anticipation of sanction.

3. The following are the revenue particulars of the tank.

Hydant area acres 1054

" Assessment Rupees 5008

Average revenue " 4932

The expenditure on repairs during the past 5 years is reported to have been Rupees 531.

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that Rupees 12,850 be so transferred to meet the expenditure under this estimate.

Wendellius de Kalkf. C.
Chief Engineer for Irrigation

Colacamund
27 August 1895

To, The Secretary Government
P.W.C.

P. W. 1895 Sept.
No: 5810

From

The Chief Engr.
for Irrigation

Dated 27 Aug. 95
Recd. 10 Sept. 1895.

G^x No: 995.

Note on a Plan and
Est. for a new sur-
plus weir for the
Chinnakraka Tank,
Mellare Dist.

9-8 September/75 No 2528

No 2548

P.W.

Pro of the Madras Government

Under date the 8th Sept 75

Read the following:

From
The Chief Engr. for Irrigation (H. E. Duggoboy 27th Sept 75)

The following estimate
is sanctioned.

Reconstructing and extending
the surplus weir of the
Chinnakraka Tank. Mellare
District.

Rs. 13,850

the cost will be chargeable
of Capital, and the amount
of the estimate is made
available from the Minor
works grant under Agri-
cultural at the disposal
of Government.

Offg. Supergr. Mellare - 5
Chngs. for Engr.
Cont. & Brackets
X² Attch
5 with 4 33/4 and one
5 Encl. 4 Plan
Office 17 SC Dep - 28-9-75
by 20/8

Chessy

Govt. of B.R. 57 Hydros.

PUBLIC WORKS.

noted
by 21/1/75

W. J. H. G.

Nellie

W. J. H. G. No 1548

Not 'SD - 131'

Minakata Lab, 10/10/75

The estimate for
constructing & extending the
disposal weir of the
functioned with remarks.