

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works DEPARTMENT

G.O. No.	1026-27 (9)	Press
B.P. No.		Mis.
Dated	21-4-	C874 —195—

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
21st April 1874.*

No. 242. Read the following endorsement of the Chief Engineer for Irrigation,
dated Fort St. George, 26th December 1873, No. 920-A :—

From R. E. NORFOR, Esq., District Engineer, South Arcot, to Lieutenant-
Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated
Cuddalore, 17th December 1873, No. 185.

As promised in my Irrigation Budget, Part V., for the ensuing official year,
I have the honour to submit, for your
1 Tabular Statement. approval and submission to Govern-
ment, the Tabular Statement showing the additional Conservancy Establishment
required, and the revision to be made in the existing establishment in this district.

2. The Pelandorai Anicut will be completed in March or April next, it will
be then necessary to have an adequate establishment to look after this work and
to regulate the distribution of water, etc. In the Proceedings of Government of
the 10th December 1869, No. 3,880, sanctioning this project, an establishment,
as per margin, at an annual cost of
One Amin at Rupees 12. Rupees 720, was proposed. I consider
Eight Lascars at Rupees 6 each. the salary proposed therein for the

Amin is too small when compared with that of the men employed on similar works
of less importance in the district, while the number of lascars (shuttermen) and
their pay appear larger than allowed for other works. I would, therefore, recom-
mend the entertainment of one Superintendent at Rupees 30 and six shuttermen at
4 Rupees each per month. The annual cost of this establishment will amount to
Rupees 648, that is, Rupees 72 less than that proposed in the Proceedings above
quoted.

*Proceedings of the Madras Government, Public Works Department,
21st April 1874.*

3. The present establishment of one Superintendent at 15 Rupees and six cotens (shuttermen) for the Poniar Anicut and its channels on the south bank was sanc-

* In G. O., No. 2,163, dated 23rd November 1861, and No. 2,057, dated 25th July 1863. tioned* in 1861 and 1863. Since this the Ragavien channel has been extended

† In 1867-68.

to Amoor† at a cost of Rupees 9,234, and the Pombay channel, 11½ miles in length, sanctioned in G. O., No. 2,103, dated 21st July 1864, on the north bank, has been cut‡ at a cost of Rupees 51,634.

‡ In 1870-71.

Thus this anicut now supplies a larger number of tanks both in the Villapuram and Trickalore Taluqs; considering, therefore, the importance and magnitude of the work, and the increased work thrown on the Superintendent, the present salary of his appointment appears inadequate. I would, therefore, strongly recommend its being raised to Rupees 25 per month.

4. In the old Marahmut Department 4 Peons, each at 5 Rupees, were employed in the Chellumbrum Taluq on "Marahmut duties;" under the existing system there is no necessity for these men in addition to the regular taluq establishment, their services can therefore be very well dispensed with.

5. The so-called peons on the Permal and Wallajah Tanks have the same duties to perform as the cotens (shuttermen or tank watchers) on the Varanum Tank and the several anicuts in the district; there is, therefore, no reason why the former should be allowed 5 Rupees each, while the latter gets only Rupees 4 each. Again, in the Veeranum and Perumal Tanks there are no divers, the duties of a diver being performed by the cotens; there is therefore no necessity for the diver attached to the Wallajah Tank.

6. The services of three cotens or shuttermen are quite sufficient for the Mehmathoor Anicut across the Manemootha Nadi; there is no necessity for a peon at Rupees 5 per month.

7. The improvement of the Allungal Channel in the Villapuram Taluq, sanctioned in G. O., No. 515,* of the 21st February 1871, was completed at the end of the last official year at a cost of Rupees 14,421. There are several branches from this channel having sluices at their heads, it is found necessary that there should be a man to look after the channels and regulate the supply of water. I would therefore recommend the entertainment of a shutterman at 4 Rupees per month.

*Proceedings of the Madras Government, Public Works Department,
21st April 1874.*

8. It will be observed from the foregoing that the revision now proposed results in a net monthly saving of Rupees 22-12-0 on the cost of the establishment, that is, Rupees 16-12-0 in the existing establishment and Rupees 6 in the establishment first proposed for the Pelandorai project.

9. In the tabular statement the word "cotens," hitherto in use, has been substituted by the words shuttermen or tank watchers, with reference to the orders of the Government of India, communicated in G. O., No. 2,540, of the 17th October 1873.

Proceedings of the Madras Government,

Tabular Statement of Increase to the Conservancy Establishment

EXTRACT FROM HOME DEPT. OF GOVT. OF INDIA.	Office to which the proposition refers.	NATURE OF CHARGE.			
		Present Scale.		Proposed Scale.	
No. and Date.					
G. O. No. 2,753, 28th August 1868.	Vellaur Anicut	1 Overseer ... 35 6 Cotens at 4 Rs. each ... 24	RS. A. P. 59 0 0	1 Superintendent... 35 6 Shuttermen at 4 Rs. each ... 24	RS. A. P. 59 0 0
	Anicut across the Manemootha Nadi near Virdachellum.	4 Cotens at 4 Rs. each ... 16	16 0 0	4 Shuttermen at 4 Rs. each ... 16	16 0 0
	Trivady Anicut across the Guddelum.	1 Coten ... 4	4 0 0	1 Shuttermen ... 4	4 0 0
	Vanamadavy do. do. ...	1 Coten ... 4	4 0 0	1 Do. ... 4	4 0 0
	Trivendipooram do. ...	1 Coten ... 4	4 0 0	1 Do. ... 4	4 0 0
	Ponniar Anicut	1 Superintendent... 15 6 Cotens at 4 Rs. each ... 24	39 0 0	1 Superintendent... 25 6 Shuttermen at 4 Rs. each ... 24	49 0 0
	Permal Tank ...	2 Peons at 5 Rs. each ... 10	10 0 0	2 Tank Watchers at 4 Rs. each ... 8	8 0 0
	Wallajah Tank	2 Peons at 5 Rs. each ... 10 1 Diver ... 12	11 12 0	2 Tank Watchers at 4 Rs. each ... 8	8 0 0
	Veeraum Tank ...	4 Cotens at 4 Rs. each ... 16	16 0 0	4 Tank Watchers at 4 Rs. each ... 16	16 0 0
	Chollumbram Taluq Marahmut duties.	4 Peons at 5 Rs. each ... 20	20 0 0		...
	Coleroon Bank	4 Taliares at 2 Rs. each ... 8 1 Monegar ... 7	15 0 0	4 Bank Watchers at 4 Rs. each ... 16 1 Superintendent... 7	23 0 0
	Lalpet Lock ...	1 Amin... 14 4 Cotens at 4 Rs. each ... 16	30 0 0	1 Superintendent... 14 4 Lascars at 4 Rs. each ... 16	30 0 0
	Veeranatham Tank	1 Amin... 7 3 Cotens at 4 Rs. each ... 12	19 0 0	1 Superintendent... 7 3 Shuttermen at 4 Rs. each ... 12	19 0 0
	Porto Novo Lock	1 Amin... 10 4 Cotens at 4 Rs. each ... 16	26 0 0	1 Superintendent... 10 4 Shuttermen at 4 Rs. each ... 16	26 0 0
G. O. No. 65, 10th Jan. 1871.	Mamahthoor Anicut across the Manemootha Nadi.	1 Overseer ... 25 3 Cotens at 4 Rs. each ... 12 1 Peon ... 5	42 0 0	1 Superintendent... 25 3 Shuttermen at 4 Rs. each ... 12	37 0 0
G. O. No. 2,540, 17th Oct. 1873.	Kattumyloor Anicut across the Myoor Nadi.	1 Coten ... 4	4 0 0	1 Shuttermen ... 4	4 0 0
.....	Allungal channel from the Ponniar.			1 Do. ... 4	4 0 0
.....	Pelandorai Anicut across the Vellaur.			1 Superintendent... 30 6 Shuttermen at 4 Rs. each ... 24	54 0 0
	Total per month...		319 12 0		365 0 0
	Total per annum...		3,817 0 0		4,380 0 0

FORT ST. GEORGE,
26th December 1873.

Public Works Department, 21st April 1874.

in the South Arcot District under the Department of Public Works.

PROPOSITION.						Grounds of Proposition.	Local Government's recommendation.	ORDERS OF THE GOVERNMENT OF INDIA.		
PERMANENT.		TEMPORARY.						Public Works Dept.	Financial Department.	
Increase per Month.	Decrease per Month.	Period.	Increase per Month.	Period.	Decrease per Month.				Remarks.	Remarks.
RS. A. P.	RS. A. P.	RS.	RS.	RS.	RS.					
10 0 0										
...	2 0 0									
...	2 0 0									
...	1 12 0									
...	20 0 0									
8 0 0										
...	5 0 0									
4 0 0										
54 0 0	...									
76 0 0	30 12 0									
912 0 0	369 0 0									

(Signed) J. MULLINS, Lieut.-Colonel, R. E.,
Chief Engineer for Irrigation.

*Proceedings of the Madras Government, Public Works Department,
21st April 1874.*

SUBMITTED for the consideration of Government, with a recommendation that the proposed alterations in, and additions to, the Conservancy Establishment of the South Arcot District be sanctioned, as these appear to be desirable and necessary.

2. South Arcot is still a comparatively cheap district, and the pay, Rupees 4 a month, for shuttermen and lascars will probably suffice for some little time to come, but the Railway now under construction will doubtless have a tendency to raise the price of labour and, as Conservancy establishments are required to attend solely to their duties, and to do a fair day's work daily, it will be necessary, in order to admit of this rule being steadily enforced, to regulate the pay of the lascars so as to make it equal to that of an adult cooly of the best class.

3. The area of irrigation is Acres 366,692 and the revenue Rupees 16,86,915, Returned for 1871-72. so that the total cost, Rupees 4,380, per annum of the new scale is only 0.26 per cent. on the latter, and when the subject can be fully enquired into, and when a geographical grouping of works has been carried out, some further increase will certainly be found necessary in order to provide for a proper care of the works and the economical use of the water-supply.

(Signed) J. MULLINS, Lieut.-Colonel, R.E.,
Chief Engineer for Irrigation.

No. 243.

ORDER THEREON, 21st April 1874, No. 1,026.

IRRIGATION, No. 10.

Establishment.

ORDERED that a copy of these Proceedings be forwarded to the Government of India, with a request that the revised scale of Conservancy Establishment for the South Arcot District, as exhibited in the Tabular Statement, may be sanctioned from the 1st April 1874.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 244.

(DOCKET No. I,027, dated 21st April 1874.)
Copy of the above forwarded to the Government of India.

(True Extract.)

Colonel, R.E.,

Secretary to Government.

Ed. S. T. Austin.
Spare Copies

1785 D. H. Engis' Office, S. Street,
London 17 December 1873

From, The D. H. Engineer,
South Street.

To, The Chief Engineer for
Irrigation

Sir, As promised in my Irrigation Budget Part V for the ensuing Official Year, I have the honor to submit, for your approval and submission to Government, the tabular Statement showing the additional Conservancy Establishment required and the revision to be made in the existing Establishment in this District.

2. The Pelandorai Aqueduct will be completed in March or April next, it will be then necessary to have

to have an adequate establishment
to look after this work and to
regulate the distribution of water &c.
In the Proceedings of Government
of the 10th December 1869, N^o. 3880,
sanctioning this project, an establish-
ment, as per margin, at an annual
cost of Rupees 720, was proposed. I
consider the salary proposed therein
for the Amia is too small when
compared with that of the men employed
on similar works of the importance
in the District, while the number
of Casars / Shuttermen / &c. their pay
appear larger than allowed for other
work. I would therefore re-
commend the entertainment of one
Superintendent at Rs. 30 and 6. Shuttermen
at 4 Rs. each per month. The

1 Amia at Rs. 12
5 Casars at Rs. 6 each

annual cost of this Establishment will
amount to Rupees 648. that is, Ru-
pees 720 less than that proposed in
the Proceedings above quoted.

3. The present establishment of
one superintendent at 15 Rs. and 6.
Casars / Shuttermen / for the Lomari
Anicut and its channels on the South
bank was sanctioned in 1861 and 1863. Since
in G.O. N^o. 2163 of 23rd Nov / 61
& N^o. 2057 of 25th July / 63.
* on 1864-68
this the Nagavani Channel has been
extended to Amoor at a cost of Ru-
pees 9234, and the Lombay Chan-
nel 11 3/4 miles in length sanctioned
in G.O. N^o. 2103 of 27th July 1864.
* in 1870-71
on the ^{North} bank has been cut at a
cost of Rupees 51634. Thus the
Anicut now supplies a larger
number of Tanks both in the
Villapuram and Sriekalora
Talugs

Salug, considering therefore the importance and magnitude of the work and the increased work thrown on the Superintendent, the present salary of his appointment appears inadequate; I would therefore strongly recommend its being raised to Rs. 25 per month.

4. In the old Marahmut Department 4 Peons each at 5 Rupees were employed in the Chellurhumm Salug or Marahmut duties; under the existing system there is no necessity for these men in addition to the regular Salug Establishment; their services can therefore be very well dispensed with.

5. The so-called Peons on the Permal and Wallajah Sank should the same duties to perform

as the Cottens / Shuttermen or Sank^{11 3} watchers / on the Peramm Sank and the several aments in the District; there is therefore no reason why the former should be allowed 5 Rs. each, while the latter get only Rs. 4 each. Again in the Peramm and Permal Sanks there are no Divers, the duties of a Diver being performed by the Cottens; there is therefore no necessity for the Diver attached to the Wallajah Sank.

6. The services of 3 Cottens or Shuttermen are quite sufficient for the Mithmathoor Ament across the Mannootha Nadi; there is no necessity for a Peon at Rs. 5 per Month.

7. The Improvement of the

the Allungai Channel in the
Villapuran Salug sanctioned in
G.O. No. 515 of the 21st February 1871, was completed at the end of the
last Official Year, at a cost of
Rs. 14,421. There are several
branches from this Channel having
sluices at their heads; it is found
necessary that there should be a
man to look after the Channels
and regulate the supply of water.
I would therefore recommend
the entertainment of a Shutter-
man at 4 Rs. per month.

8. It will be observed from the
foregoing that the revision now
proposed results in a net monthly
saving of Rs. 22-12 on the
cost of the establishment, that
is, Rs. 16-12.

13
Establishment and R.B. in the
establishment first proposed for
the Delandorai Project.

9. In the tabular Statement
the words "Cottens" hitherto in use,
have been substituted by the
words Shutterman or Sank watchers,
with reference to the orders of the
Government of India communi-
cated in G.O. No. 2540 of the 17th
October 1873.

I have the honor to be
Sir
Your Most Obedt Servt

W. M. J.
District Engineer.

W. B. 182201

Wm. B. 182201

South Street

Office of the Engineer

for August

Dec 31 1874

Dec 20 1874

1875

At 10 1/2

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

Dec 20 1874

71 5
Department of Public
Works

W. Date.

Nature of charge:-

Proposed scale.

Permanent

Temporary.

Grounds
of
Propositions

Local Govern-
ments recom-
mendation.

Orders of the Government
of India.

Public Works Department

Orders

In the afternoon visited 2 mylar ponds
Landing 920 x 250 yd

17

20-1-95

G. O. ~~Jan~~ 27/63.

28^d. August 1868.-

Vellaur Ancient { 1 Overseer - 35-
6 Cotens @
4 Rs. each } 24-

Ancient across the
 Munneemotha. } 4 Cotens @
 -nadi near Verda. } 4 R. each } 16
 -chellum _____
 27.

Trivady Ancient
across the Gude.
alum _____ Coten _____
Vane _____

Vanamadavy-do-do: /

Trivendipooram do. do. 1 - do. - 11

Pon... ..

Ponniar Aricut { 1 Superintendent
ident — } 1
6 Cotens @
4 Rs. each } 2

Permal Tanki — 2 Peons @ 5 Rs. each — 10

Walloyah Tank { 2 Ponds @ 5 } 10
R. each.
1 Diver - 1

Veeranuni Tank 4 Cat

Chellumbram
T. h.

Salug. Maramut } 4 Pans @ } 20
duties } 50¢ each }

Carried

G.O. No. 2763.

28th August 1868.

Brought over—		153 12			
Coleroon Bank	4 Taliares @ 38.		4 Bankwatchers @ 4 R.R. each	16	
	2 R.R. each		1 Superintendant	7 23	
	1 Monegar—	7 15			
Lallpet Lock	1 Ameen—	14	1 Superintendent	14	
	4 Cotens @ 4 R.R. each	16	4 Lascars @ 4 R.R. each	16	
		30			
Veeranatham Tank	1 Ameen—	7	1 Superintendant	7	
	3 Cotens @ 4 R.R. each	12	3 Shuttermen @ 4 R.R. each	12	
		19			
Porto Novo Lock	1 Ameen—	10	1 Superintendant	10	
	4 Cotens @ 4 R.R. each	16	4 Shuttermen @ 4 R.R. each	16	
		26			
G.O. 10 th Jan. 1871	Mamahthoor	1 Overseer—	1 Superintendant	25	
	Anicut across the	3 Cotens @ 4 R.R. each	3 Shuttermen @ 4 R.R. each	12	
	Manimoothan	1 Peon—		5	
	Viddee				
		42			
G.O. 17 th Oct. 1873	Hattumyloor Anicut	1 Coten—	1 Shutterman—	4	
	across the Myoor Nadi				
	Allungal Channel from the Ponnian		1 do—	4	
	Pelandorai Anicut across the Vellaur		1 Superintendent	30	
			6 Shuttermen @ 4 R.R. each	24	
				54	
Total per Month—		319 12			
Total per Annum—		3837			

Fort St. George

10— 25-12—

8—

19

1400 is too high for lock. Kappu R. Chohan & Co. are
 running a mill / 1000 = 1000
 Locks are running at all
 times a head of 1000
 at 87 1/2 & 3 dollars per

By 30th March 1871

435
 383
 52
 By 20th Oct 1873

Whitcomb
 Chief Engineer for Irrigation.

No 920 A

23

Submitted for the consideration
Enclosures 2 of Government, with a recommenda-
tion that the proposed alterations
in, and additions to, the Conservancy
Establishment of the South Arcot
District be sanctioned, as these
appear to be desirable and necessary.

2 South Arcot is still a com-
paratively cheap District, and the
pay, Rupees 4, a month for Shut-
termen and lascars will probably
suffice for some little time to come,
but the Railway now under con-
struction will doubtless have a
tendency to raise the price of
labor and, as conservancy estab-
lishments are required to attend
solely to their duties, and to do
a fair day's work daily, it will
be necessary in order to admit of
this

P.C. D. 21th Apr
L. 18. 11. 2.

Pr-166 Apr

251
this rule being steadily enforced
to regulate the pay of the lascars
so as to make it equal to that
of an adult cooly of the best class.

3. The area of irrigation is
acres 366,692 and the Revenue in
Rupees 16,86,915 so that the total
cost Rupees 4380 per annum of the
new scale is only 0.26 per cent on the
latter, and when the subject can
be fully enquired into, and when
a geographical grouping of works
has been carried out, some further
increase will certainly be found
necessary in order to provide for
a proper care of the works and
the economical use of the water
supply. —

Fort St. George
26th December
1873

W. W. W. W.
Lieut. Col. R. S.
Chief Engineer for Irrigation.

To,
The Secretary to Government
Public Works Department.

1026 27

Proceedings of the Madras Government.
Read the following
From the Chief Secy. N. E. No. 920 A of 26th Decr/73.
for a/cy.

Ordered that a copy of these Pro-
ceedings be forwarded to the Govern-
ment of India,
with a request that
the revised scale
of Conservancy be
established for
the South Arcot
District, as exhibited
in the Tabular
statement, ^{may} be sanc-
tioned from the
1st

I do not think that we
ought to increase the cost
of the P. W. establishment.

From
The Secy. to Govt.
of the Madras Government
N. E. No. 166 A.

Dated 26th December 1873
By the Secy. to Govt.
N. E. No. 1026 A of 26th Decr/73.

Submits for sanction
revised tabular state-
ment of the Conservancy
Establishment required
for the South Arcot
District.

1026

1026

S. B. No. 1026 A of 26th Decr/73.

1st April 1874.

My. 9/1/74

G.M.W.

Box No. 1027. 81-

4/10/74

at least of our

establishment employed

as irregular work. The

need for such work seems

to be decreasing in time

and any increased

demand for expenditure

in all directions should be

met by readjustment, or

reduction in another.

[Signature]

242-244

R.E. 29 Aug 1874

20. 17 Aug 1874

Copy of the above

forwarded to the

India - 25/1/74

29.7.74

29.7.74

29.7.74

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29.7.74

The Chief Engineer has
the honor to report that he
has been unable to provide
by specific savings in other
quarters the sum of
Rs 4932 and Rs 543 re-
quired for increase to the
Conservancy Establishment
of the Godown & South
Arcot -

But he would respect-
fully submit that so long
as these increases can be
provided for, without ex-
ceeding the total of 28½
Lakhs proposed by the Govt.
of India for the P.W. works
of this Presidency, as is
shown to be provided by
the comparative statement
accompanying the Budget
of the Govt. is attained -

The nominal excess of
Rs 3024 in the statement
is converted into a saving
of Rs 3900 by the reduction
of increase proposed to the
Controller's Establishment.

17.2.74

G.M.W.

166 A¹



Gobt. of 1874 Madras.
PUBLIC WORKS.

To

~~The Secy to the Govt of India~~
The C.E. for Irrigation
To the Secy to the
Govt of India

Dated

Recd.

Encl. 2.

G. O. 2nd April 1874, No. 1026 &
1027

Nos. 242-244.
244.

Conservancy Establishment

Ordered that a copy of
proceedings passed
on the note by the Chief
Engr. for Irrigation submitting
for sanction

for a revised
scale of Conservancy Es-
tablishment for the
West District be forwarded
to Govt of India.

Submitting for
sanction a revised
scale of the Conservancy
Establishment ^{regard}
for the South West
District