

From the Superintending Engineer, Second Circle, letter No:
2505.K.S.dated 28th February 1896.

No 29 E W of 23rd March /96

Forwarded to the Chief Engineer, General Roads and
Buildings Branch, with the request that sanction may be obtain-
-ed at once to the establishment asked for, for investigating
the project for extending irrigation in the Divi island in
the Kistna Eastern Division by means of pumping.

2 In the meantime it has been suggested to the Suptg
Engineer that a competent upper subordinate be selected from
his existing staff to start the work pending the appointment
of the staff applied for so that no time may be lost.

3 This establishment is required in addition to that
applied for in this office Endorsement No:2.E.W.dated 6th

*N. 4789 of 18th January 1896.
(linked file)*

Madras, 23rd March/96.

[Signature]
For Chief Engineer for Irrigation.

11.831/11-5

as 56

dvvp

Kistna North

*Surveyor
stationed
29.3.95*

*tion of the
houses
tanks.*

758 w of 19-3-96
824 w of 6-3-96
30 189-11

From
The Chief Engineer
for Irrigation

To The Chief Engineer
P.W.D.

No. 29 E.W.
Dated. 23-3-96
Despatched. 25-3-96.

Subject

Establishment for investigation
-gating the project for
extending irrigation in
the Dini island in the Krishna
Eastern Div. by means
imping - Forwards
from the S.E. Circle
request that sanction
be obtained at once
asked for & that the estab-
lishment is required
him to that already
in this office No
2/96

Encls 8 (1 plan)
Recd: 26.3.96

Statement showing the special temporary establishment
of Surveyors &c employed in the II Circle during 1895-96.

Division	Authority	Details of Establishment	Period in months	Rate of pay per month	Remarks
Kistna Eastern	Go. 791 W of 29.3.95	1 Surveyor	6	60	For completing the Delta maps.
		6 lascars	6	6	
Do Western	" 930 W of 23.4.95	1 Surveyor	3	80	Western Delta Project sub D.
		6 lascars	3	6	
		1 Draftsman	3	35	
Nellore	" 1366 W of 10.6.95	1 Surveyor	7	70	Annangi project.
		1 Clerk	6	15	Sandipalam tank project.
Do	" 1371 W of 10.6.95	1 lascar	6	6	
		2 Surveyors	6	40	
		12 lascars	6	6	For the proposed road from Gungala to Macherla.
Kistna Northern	" 618 W of 19.2.96	1 Surveyor	1	80	
		1 lascar	1	8	
		5 lascars	16	7 1/2	For the preparation of river charts
Kistna Western	" 733 W of 28.3.96	1 Surveyor	4	80	
Do Northern	" 927 W of 14.3.96	2 Surveyors	3	60	
		10 lascars	2 1/2	6	For the investigation of the Badamuru project.
		2 lascars	3	6	
		1 lascar	2	6	
Kistna Eastern	" 946 W of 16.3.96	1 Surveyor	3	60	For the drainage scheme of the Masulipatam town.
		6 lascars	3	6	
Do	" 976 W of 18.3.96	1 Draftsman	4	40	In lieu of a Surveyor in Rs 60 sanctioned in Go. 791 W of 29.3.95
Kistna Northern	" 1100 W of 24.3.96	1 Surveyor	2 1/2	80	Investigation of the Jangamaheswara puram tanks.

In letter no 2019 A.S. of 17.12.95, the S.S. is asked for sanction to employ an additional temporary establishment under an Asst. to ascertain the depth of water in the Vardha Delta.

- 3 Gunstons @ Rs. 65 each per m
1 " " " 10 " "
2 head watchman - 8 " "
1 watchman - 7 " "
3 " " " 6 " "

A.S. the Governor noted that there was no one in sanctioning the establishment. As an Asst. Secy was available to take charge of the party, the S.S. was asked whether he could detail an officer for the purpose. In letter no. 2290 A.S. of 5.2.26 the S.S. reported that he had no officer to spare, but at the same time, through G.S., he recommended that Mr. Chatterton's services should be obtained to

papers & mentioned in the first para of this note.

As regards giving the Circle an extra supervision or ~~an~~ over-see, this can only be done by transferring a man from another circle, but the II Circle is now two in excess of sanctioned strength. The I circle will be 3 in excess of strength on the absorption of the Resubdiv. division, but it is not clear why the II Circle should get another man in addition to the two extra it now possesses.

The S.S. has not mentioned the pay proposed for the Surveyor & draftsman, it is necessary to obtain this information before the app't. can be sanctioned.

The gunstons & watchman previously asked for cannot apparently be sanctioned unless an Asst. Secy is to

the establishment. After II Circle sanctioned & coming in for survey, A.S. & upper Subordinates, & the other showing ~~the~~ temporary staff sanctioned for special surveys.

The circle is short of Asst. Secy, but the deficiency is made up by an Asst. Secy upper Subordinates. Since my note of 28th ult. was written, the excess of 2 in total strength has disappeared by the posting of the Secy to Chingapat & Mr. Srinivasa Aiyar to Nagapatam. The latter however will not go until 1st May.

C
2/4/96.

the + change of the
in order.

29/3/96.

No S.E. can be spared
at present for carrying out

As the 11th Circle is then

the upper subordinate are
shown it is not apparent

by another line to be

to get the investigation

in the order of law.

The way shown to be

to the bridge - the

than to be used for

sanction

30/3/96

undoubtedly the duty of gauging
the rivers & canals in the
Kistna Delta. E.I. did
not support the proposal,
& the papers have since been
lying over until the survey
of an asst. survey could
be made available.

The S.E. has now
come up with a project
to supply the Divi Island
with water for irrigation
by pumping, & to investigate
this he asks for

1 supervisor or experienced
overseer

1 surveyor

1 draftsman
with the usual staff of labour.

E.I. supports this
proposal, & requests that

the establishment asked for

may be sanctioned.

Meanwhile he has told

the S.E. to depute an

upper subordinate from

the circle staff to

commence the work, pending

the appointment of the staff

applied for. E.I. mentions

that the establishment will be

in addition to that

asked for in the previous

note.

Establishment of the 11 Circle.

E.I.	Asst.	Upper Subl. Supt. + Temp.	Mail Asst. Upper Subl.
------	-------	------------------------------	---------------------------

Sanctioned - 5. 11. 36 + 11 = 58.

Existing. 5. 7. 33 + 18 = 58

(a) Includes 2 asst. engineers in charge of
the Mems, H.Y. Keeling (Kistna Division) and
Mr. Mues (Kistna).

(b) Excludes (1) R.A. Srinivasa Aiyangar who
is to relieve Ramesubhapati Pillai in
Kadapalam on or about 1st May 1896, and
(2) Mr. J.W.S. Smyth who will return to the
Circle E.I. Buchanan Canal as a
the relief of Mr. Mockenzie upon leave
about the middle of May.

The total sanctioned strength of the
subordinate - 11 - include the following
who have been saved for special work.

Joint Execution works.	1.
Kannurua Pongal Sub.	1.
Kadavuni Sub. Kistna Kistna Division	2.
River Conservancy Sub.	2.

J.F.

Part II.

MADRAS

Statement of proposition for

ORDER SANCTION- ING PRESENT ESTABLISHMENT.		Office to which the proposition refers.		No.		Des- ignation.		Present scale.				NATURE OF	
Govt. of		P. W. D.						Pay.				Total cost.	
No.	Date.							Minimum.	Incre- ment.	Maximum.	Average or fixed.*		
								Rs.	Rs.	Rs.	Rs.		

CHIEF ENGINEER
FOR IRRIGATION.
20 APR. 93

NOTES. No.

Reference to P. W. D. Code.

Chapter I, Para. 30.

1. All proposals for changes in the scales of permanent establishments must be accompanied by a statement in Part I of this form when the changes relate to the engineer or upper subordinate establishments and in other cases by a statement in Part II of this form.

2. The column headed "present scale" should invariably show the existing sanctioned scale (not the strength of the establishment as it actually stands at the time), and should be verified by the Examiner before the statements are forwarded to the sanctioning authority.

P. W. D. Form No. 113

MADRAS PRESIDENCY.

Part II.

Tabular Statement to accompany proposals
for changes in establishments.

CHIEF ENGINEER
FOR IRRIGATION.
13 APR. 96
No. 111. L.S.

0-5-2
1007/1/2

Superintending Engineer's Office.

II CIRCLE,

Dated 11 April 1896.

No. 111 KE

From,

Major W. C. Baddeley Esquire, D.E.

Superintending Engineer,

II Circle.

To,

The Chief Engineer

D. W. Department
Madras.Through the Chief Engr
for Engrs.

Sir,

Encl 1

With reference to your
No. 1844 C. d. O. April 1896 requesting
to submit a statement showing
the pay proposed for the establish-
ment required in connection with
the Diu Island Project. I have the
honour to forward herewith a pro-
position statement for your ap-
proval and sanction of Government.
2. I have selected Mr R. V. J.
Sreenivasa Murar, Supr. 2nd grade,
from the Nellore D. to start the work
and request that early sanction be
obtained for the establishment
now applied for.

I have the honour

Yours most faithfully
W. C. Baddeley
Superintending Engineer
II Circle

CHIEF ENGINEER
FOR IRRIGATION.
20 APR. 96
No.

CHIEF ENGINEER
FOR IRRIGATION.
15 APR. 96
No. 111 K.E.

J. E. 2nd Cir.

From,
The Superintending Engineer,
II Circle.

To,
The

*To
The Chief Engrs;
D.W.D.
Madras.*

Also: The E. I.

No 111 K.E

Dated

Received

18

Enclosures.

NO.

SUBJECT.

Dated 11 April 96.

Encl 1

Dear Sir and P. Engrs.

*I forward for sanction
a proposition submitted
for the subalt. required
to illuminate the —*

*Letter from the Superintending
Engineer, Second Circle, No. 111. K.E.
dated 11th April 1896.*

No 40 En

*I forwarded to the Chief
Engineer, General Roads and
Buildings Branch with the request
that sanction be obtained to the
establishment applied for.*

Thiem

*For Chief Engineer
for Irrigation*

*Made as
27th April 1896*

A

OK

1896

20

The Chief Engineer
P. W. Dept.

Dated. 27. April /96
Despatched. 2^d May /96

No 408W

Subject

Dini Island Project —
Proposition statement
for the establishment
required to investigate
the — Forwarded with the
request that sanction be
obtained to the —

P. W. DEPARTMENT No. 4047

Enclosed 2
Dated 4.5.96

o.L.S. 59 R13/5

No. 2068c

Government of Madras.

PUBLIC WORKS DEPARTMENT.

MEMORANDUM.

THE undermentioned documents are forwarded to the Suptg. Engineer
II circle with reference to his letter No. 1K.2.
dated 1st April 1896 to the Chief Engineer for
Irrigation.

The 7 enclosures forwarded with
the Superintending Engineer's letter
No 2505 K.S. dated 28th February
1896.

DESPATCHED
28 APR. 96

(By Order.)

(sd) C. H. B. Burlton

Under Secretary to Government, P. W. D.

CHEPÂK, MADRAS,

27th April 1896.

To

The Suptg. Engineer II circle
with 7 enclosures.

No. 1844 C of 6 April 1896.

MEMORANDUM.

From the Chief Engineer for Irrigation, No. 29 E.W., d/23rd March 1896.

The Suptg. Engineer II Circle is requested to submit a statement -- showing the pay proposed for the -- surveyor, draftsman and lascars asked for in para 11 of his letter No. 2505 K.S. dated 28th February 1896 in connection with the proposed -- Divi island project. The Suptg. Engineer is also requested to report -- whether the upper subordinate required for the work cannot be detailed from the existing staff of the Circle, which is well up to authorised strength.

2. Sanction to the employment of the gumastah and watchmen employed in the Suptg. Engineer's letter No. 2019 K.S. dated 17th December 1895 has been postponed until the services of an Assistant Engineer become available to take charge of the --- party.

DESPATCHED
6- APR. 96

The Suptg. Engineer II Circle.
Copy to the Chief Engineer for Irrign.

2/4/96

2/4/96

2/4/96

29/4

46-4-96

8

No. 2068 C of 27th April

No. 1844 C of 6 - April
1896

B
E
7
2

6/4

Office of the Supg Engineer
2nd Circle Bezawada
N^o. 2505 Ks 28th Feby 1896.

From

Major W. C. Baddley P. L.
Supg. Engineer, 2nd Circle.

The Engineer
For Irrigation,
Madras.

Enclosures 7

2 letters

2 reports

1 Statement

1 Note

1 Tracing

Sir,

In reference to the Resolution of the Board of Revenue N^o. 2594 of 27th June 1894 and your N^o. II/180 Ks of 20th Nov. 94 I have the honour to submit in original the following report.

2. No scheme has ever been prepared by Messrs. Napier Brothers for supplying Dine with water for irrigation by putting up a dam, and their letter of Octor 9th 1894 which was forwarded to me with your endorsement N^o. II/157 Ks of 12th Octor 1894 has merely referred to their proposal to carry out a scheme to be prepared by the P. W. D.
3. The question of improving the means of irrigation in Dine

has now been completely gone
into, and with the establishment
which I propose to ask for at
the end of this letter complete
plans and estimates can be
prepared in a few months, pro-
vided the ^{establishment} ~~estimate~~ is sanctioned
at once.

4. It may be stated at once
that no water from above the
ancient is available for the island
of Dini, as it will all be required
for the extension of irrigation in the
Kishia Eastern and Western Seltas.

5. The proposal to supply Dini
by an extension of the Bank Canal
Kishia Eastern &c. having therefore
been definitely abandoned, the
question of completing that Canal
and bringing a considerable
area of new cultivation under it
in the neighbourhood of Masuli
patam is now being investigated,
and I hope before long to be able
to submit definite proposals for
irrigating about 20,000 acres of
waste land from the Bank Canal,
which as you are aware, does not
irrigate a single acre.

Turning now to the main subject
of this report I must explain that
a few months after I assumed
charge of this Circle Mr Reid
submitted a scheme for supply-
ing the whole of the island of
Dini by pumping and a perusal
of this report dated 3rd Decr: 94
with Mr. Smith's letter N^o 4144 of
9th Decr: 1894 will give a general
idea of the works proposed.

This scheme in its general outline
had, I believe, the approval of Mr.
Atkinson, the Collector, who has
frequently expressed to me his opinion
that the water supply to the Dini
lands should be improved
and I know that the matter
was often discussed ^{by him} with Mr.
Reid.

7. My chief objections to the scheme
as originally submitted were:

- (1) The danger of interfering
with the existing tanks which
are supplied by inundation
channels from the river.
- (2) The doubt whether the water
in the river would be suitable
for irrigation without the use
of storage reservoirs.
- (3) The improbability of the project
being raised.

the raising a 2nd Crop. Dini
into when they have not been educated
who to this point on the main land
the after ^{many} years of experience.

4. The want of a suitable site
for the pumping machinery.

8. About a year after the first
at proposals were made by Mr.
4. Reid, he suggested some modi-
fications, in an extract from
an a report on the subject of draining
of land and cultivating lands in Bundar
for talug, and this extract was
forwarded to me with Mr.

5. Smith's letter No 3993 of 13.12.95.

9. I have lately been to the
island of Dini with Mr. Reid
and the final conclusions
arrived at are clearly stated
in his report of 25th Feby 1896.

It will be observed that the
proposal to interfere with the
existing tanks is abandoned
for the present, except in those
cases where the new works ne-
cessitate cutting off a tank
from its old source. The idea
of a 2nd Crop is also given up
and in short the scheme is limited
to

to supplying water to 30,000
acres of land which will otherwise
be perpetual waste.

A suitable site for the pumping
machinery is available but
here I must point out that much
will depend on the success of
the operations ^{now} being carried out
by the Riven Conservancy Sub.
for we cannot afford to erect
costly pumping machinery
at any site that is not absolute-
ly safe from the attacks of
the river. I think however
judging from the success that
has so far attended the work
of the Sub. that the site selected
for the pumps at Nagayalakka
will eventually be thoroughly
protected from erosion.

10. The questions regarding the
transport of machinery and
building materials have been
gone into and I do not think
they present any very great
difficulty. It will however
be necessary to establish
a small workshop at
Nagayalakka to effect repairs
to machinery.

12. I may conclude by saying that I see no reason why the scheme should not prove a success. the fact that pumping will only be carried on for 5 months in the year is much in its favour as it ensures the water in the rivers being fresh during the irrigation season, & provided the drainage can be

13. The following
connected with the Scheme
are forwarded in original
K.E.Dⁿ 4144 of 9th Dec. 94 with 3 enclosures
Do 3993 of 13th Dec 95 with 1 enclosure
Note on the Dr. pumping scheme by Mr. Rein
dated 25 Feb 96

Returned
to SE with W. Office
means No 2068 C
27.4.96

I have the honour to be,
Sir
Your most o^bl^d Servant
W^m B. Barry Major R.
Superintendent, II Circle

$$\frac{29}{28} \frac{2}{96}$$

CHIEF ENGINEER
FOR IRRIGATION.
2-MAR.96
No. 596

From

*The Super Engineer,
And Circle.*

S

*The Chief Engineer,
For Irrig.*

*Madras
Encls: 7*

*No 2505 Kf
28.2.96*

*W.S. 1
3072/96*

Dated 28 Feby 1896

*Divi Island Project.
Report in the*

D-112 W-1 1400/5

*Date this 11.5.96.
No 1483 W of 11-May 1896
A*

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

*From the S.E. II Circle - No 2505 K.S of 28. 2. 96
Endorsed by the Chief Engr. for Irrig. No. 29 E.O. of 23. 3. 96
Memo by the Chief Engr. P.W. & No. 1844 C of 6. 4. 96
From the S.E. II Circle - No. 111 K.E. of 11. 4. 96
Endorsed by the Chief Engr. for Irrig. No. 40 E.O. of 27. 4. 96*

*A.H
10.5.96*

*Sanction is accorded
to the entertainment, for
3 months, of the undermen-
tioned establishment applied
for by the Superintending
Engineer II Circle in connec-
tion with the Divi Island
Project, Kistna Eastern &c.*

*1 Surveyor on Rs. 80 per mensem
1 draftsman " 70 " "
6 lascars " 6 " "*

*2. This sanction has been
registered as Provincial
No. 16 W of 1896-97 and*

Classified

Classified as Establish-
ment. Temporary.

3. The following telegram
will be despatched to the
Superintending Engineer, II
Circle: —

"Establishment for Dwi
Island Project, sanctioned"

1/
8/5/86

CHAM
P.S. 8/6.

* S.E. ask for
orders by wire.
vide para 11 of
his final letter
quoted above

~~H.E. the Governor~~

Telegram

~~Del. dated 11/5/86~~

No. 1483 A W d y 11th May 1890

B

DESPATCHED
15 MAY 93
21615

To
The Chief Engr. for Dwi,
S. E. II Circle
Exar. P.W. Sect.