(1) பக்கங்களின் எண்ணிக்கை 12

(2) புதுக்கித் திருப்பிய நாள் Oct 1989

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணி துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 948 W

அச்சகம்
பலவகை

நாள் : 24-3-1890 ~~198~~ .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

1/948

24th March 1890, No. 948 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following paper :—

From Major D. McNEIL CAMPBELL, R.E., Superintending Engineer, IV Circle, to the Chief Engineer, Public Works Department (through the Port Officer, Madras), dated Coimbatore, 10th March 1890, No. 94-E.W.

With reference to your memo. No. 5053 C., dated 4th November 1889, I have the honor to submit the result of my inspection of light-houses in the West Coast in the annexed tabular form with reference to para. 2 of G.O., No. 1532 W. of 25th May 1888, communicating Proceedings in the Marine Department, dated 1st idem, No. 168.

2. The light-houses were inspected by me between the 12th ultimo and 5th current.

Enclosure.

Tabular Form of Light-houses.

Light-houses.	Class of light.	Height of centre of lantern above mean sea level.	Distance at which light is visible.	Object of light.	Remarks.
1	2	3	4	5	6
		FEET.	MILES.		
Cochin ..	Fourth order catadioptric, fixed white.	100	15	Harbour light	In good order.
Calicut ..	Fourth order dioptric, fixed white.	102	14	To guide vessels to the anchorage clear of the reef which lies about 1 mile S. 30° W. from the light.	In good order; signal room *leaks slightly*. Fencing round base of column lately completed.
Tellicherry.	Sixth order dioptric, fixed white.	70	8	Harbour light	Table carrying light requires repair as also the roof over light, otherwise in good order.
Cannanore.	Sixth order dioptric, fixed red.	64	6 to 8	Harbour light	Repairs have lately been completed to the platform carrying light and all is now in good order.
Mangalore.	Fourth order dioptric, fixed white.	240	14	Guide for vessels to the anchorage.	In good order; improvements to lightning conductor lately completed.

Coimbatore,
10th March 1890.

(Signed) D. McN. CAMPBELL, Major, R.E.,
Superintending Engineer, IV Circle.

No. 975/28 P.W.

Forwarded, observing that measures will be taken to effect the repairs pointed out as necessary at Tellicherry.

Madras,
18th March 1890.

(Signed) H. A. STREET, Captain, H.M's I. M.,
Presidency Port Officer.

Order—dated 24th March 1890, No. 948 W., Public Works.

Communicated to the Marine Department.

(True Extract.)

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

To the Marine Department.
" Superintending Engineer, IV Circle.

Exd. J. Moses,
Spare Copies

2/948

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.
PUBLIC WORKS.

Dated March, 24th.

Recd. *Encl.*

G.O., 24th Mar. 1890, No. 948 W.

MARCH.

Light-houses on the West Coast

Inspection report of the Superintending Engineer, IV Circle, on the — with remarks thereon by the Presidency Port Officer, communicated to the Marine Department.

PW 21

No. 94
E.W.

~~4th~~ Superintending Engineer's Office, IV Circle
Coimbatore 10th March 1890.

PORT OFFICE
11 MAR 90
MADRAS.

From

Major D. McNeil Campbell R.E.,
Superintending Engineer,
Fourth Circle.

To

The Chief Engineer,
P. W. Department
Thro: the Port Officer,
Madras.

Enclos

Sir,

With reference to your Memo: No. 5053C dated 4th November 1889 I have the honor to submit the result of my inspection of Light-houses in the West Coast in the annexed tabular form with reference to para 2 of G.O. No. 1532W. of 25th May 1888, communicating Proceedings in the Marine Department dated 1st Idem No. 168.

The light houses were inspected by me between the 12th Ultimo and 5th Current.

I have the honor to be,
Sir,
Your most obedt. servt.,

D. McN. Campbell Major R.E.
Superintending Engineer, IV Circle

(1) பக்கங்களின் எண்ணிக்கை 18
(2) புதுக்கித் திருப்பிய நாள் 8C0 1989
(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண். / மு. கோப்புத் தாள் எண். 947 W
அச்சகம் / பலவகை

நாள் : 24-8-1890 ~~198~~.

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,000—15-6-87.

Tabular form of Light houses.

U/948

Light houses	Class of light.	Height of Centre of lantern above mean sea level	Distance at which light is visible	Object of light.	Remarks.
1	2	3	4	5	6.
Cochin	4th Order Catadioptric fixed white	100 feet.	15 miles.	Harbour light.	In good order.
Calicut.	4th Order dioptric fixed white.	102 feet	14 miles	To guide vessels to the anchorage clear of the reef which lies about 1 mile S. 30° W. from the light.	In good order signal room leaks slightly. Fencing round base of column lately completed.
Tellicherry	6th order dioptric fixed white.	70 feet.	8 miles.	Harbour light.	Table carrying light requires repair as also the roof over light otherwise in good order.
Cannanore	6th Order dioptric fixed red	64 feet.	6 to 8 miles	Harbour light.	Repairs have lately been completed to the platform carrying light and all is now in good order.
Mangalore	4th Order dioptric fixed white	240 feet	14 miles.	Guide for vessels to the anchorage	In good order improvements to lightning conductor lately completed.

Coimbatore
10th March 1890

J. W. Campbell Major R.E.,
Superintending Engineer W.C.

1/947

24th March 1890, No. 947 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers :—

From Major L. LANGLEY, R.E., Executive Engineer, Kistna Eastern Division, to the Superintending Engineer, II Circle, dated 3rd December 1889, No. 4148.

In reference to your endorsement No. 1258 K.S. of 4th September last on G.O., No. 2288 W. of 20th August last, herewith returned, I have the honor to inform you that I consider the following out-door and office establishment will be necessary for drawing up a drainage scheme for the town of Bezváda :—

1 Surveyor on	Rs.	80	per month.
1 Draftsman and Estimator on	„	40	„
1 Clerk on	„	15	„
5 Lascars on Rs. 6 each	„	30	„
Pegs, flags, &c.	„	10	„
Contingencies	„	5	„
Total ...	„	180	„
For 3 months =	„	540	

2. The above is only a rough estimate. It is founded on the enclosed letter from the late Local Fund Engineer, which, with a tracing, is forwarded for information and favor of return.

No. 1989 K.S.

Submitted to the Chief Engineer, Public Works Department, with reference to G.O., No. 2288 W. of the 20th August 1889.

Bezvada,
9th December 1889.

(Signed) J. HANNAN,
Superintending Engineer, II Circle.

G.O., dated 12th March 1890, Mis. No. 411 M., Local and Municipal.

Read—the following :—

Endorsement of the Public Works Department, dated 16th January 1890, No. 294 C., on letter from the Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, Madras, dated 9th December 1889, No. 1989 K.S., regarding the drainage scheme for the town of Bezváda.

Also the following endorsement, No. 1753, dated 8th February 1890, of the Head Assistant Collector, Kistna, and Chairman, Municipal Council, Bezváda.

Returned with the remark that Rs. 360 could be provided from balance this year for the months of February and March and that Rs. 300 have been allotted in next year's budget. Rupees 300 were allotted this year, but have been omitted from the revised budget as there seemed no likelihood of the work being put in hand.

5/948

1C4/ 15-3-90
„ 1532w „ 25-5-88
„ 1218w „ 13-5-86
„ 3597w „ 18-12-89
„ 5053C „ 4-11-89
„ 1750w „ 2-7-89
„ 4589C „ 20-11-88
„ 3405W „ 25-10-88
„ 1040w „ 6-4-88
„ 787w „ 9-3-88
„ 738w „ 3-3-88
„ 446C „ 2-3-88
„ 1301w „ 12-5-87
„ 164w „ 20-1-85

Endorsement thereon of the Collector of Kistna, dated 1st March 1890, No. 1331.

Forwarded.

Order—dated 12th March 1890, Mis. No. 411 M., Local and Municipal.

The Chairman's letter read above will be communicated to the Public Works Department.

2. The Chairman should have submitted a copy of the resolution of the Council in the matter.

(True Extract.)

(Signed) A. BUTTERWORTH,
Ag. Asst. Secretary.

ORDER—dated 24th March 1890, No. 947 W., Public Works.

The establishment mentioned in the Executive Engineer's letter No. 4148, dated 3rd December 1889, will be employed under the direct orders of the Superintending Engineer, II Circle, who will submit as early as practicable a drainage scheme for the town of Bezváda.

2. A sum of Rs. 540 will be placed at the disposal of the Public Works Department under orders in the Local and Municipal Department.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lieut.-Col., R.E.,
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Local and Municipal Department.

Exd. J. Moses.
Spare Copies

2
947

From

The Supg. Engr.
4th Circle

P. W. C. No. 28535

Rd. 19-3-

Dated 10th
Desbd 10th } March 1890

No 94
E.W.

Enclo 1

Inspection of Light houses in the West Coast
Submitting the result of his—

No $\frac{975}{28}$ P.W.

Forwarded, observing that measures will be taken to effect the repairs pointed out as necessary at Tellicherry.

H. A. Street
Captain H. M. I. M.
Presidency Port Officer

Presidency Port Office.
Madras 18 March 1890

B & R
Cont. with

Secretary to Government, 19 MAR 9, Madras.

A No. 948 W d/24 - [illegible] 1890

Uns
22 Mar

Communicate to the Marine Dept.

[illegible]
21. 3. 90

D. 11/14

To the Marine Depot
- S. E. IV Circle

21-3-90

21-3-90 24-3-90

1/948

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated March, 24th.

Recd. *Encl.*

G.O., 24th Mar. 1890, No. 947 W.

MARCH.

Drainage Scheme for the Town of Bezvada

The establishment required for drawing up a —, sanctioned with remarks.

CURRENT 1890. 116 M

Public Works Department.

W.E.H.
10FEB90

8/947

PW Reg 2
1767/90

4 FEB 90

No. 294 C.
Dated 16th January/90
Despatched 17th
Received 17
Regd 18th

947 W

CHIEF SECRETARY GOVERNMENT OF MADRAS
17 JAN 90

27 JAN 90
DEPUTY COLLECTOR

SUBJECT.

Drainage Scheme for the town of Bezvada.

No 40
Referred to the Muni Council Bezvada for early remarks. (1 Byaidery)

A Butterworth
Ag ~~Assistant~~ Secretary

159
22/1/90

Fort St George
24th Jany 1890

To The Chairman Muni Council Bezvada
thro' the Collr of Kistna.

enclosed letter
Local Fund Engineer,
tracing, is forwarded
for

2855.

Govt. of 18 Madras

PUBLIC WORKS.

Date 24/3

Recd Encl.

G.O. 24th March 90 No. 948 W.

Light Houses on the West Coast.

Inspection Report of the Ex. E. W. Circle on the — with remarks thereon by the Pres. of Port Officers, Commd. to the Marine Deptt.

90/3

ECM 24/3. 24/3.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1890) Madras.

PUBLIC WORKS.

Dated March, 24th.

Recd. Encl.

G.O., 24th Mar. 1890, No. 947 W.

MARCH.

Drainage Scheme for the Town of Bezvada

The establishment required for drawing up a —, sanctioned with remarks.

From Major L. Langley R.E. Executive Engineer, Kistna Eastern Division, to the Supdg. Engineer 2nd Circle, dated 3rd December 1889 No. 4148.

4/947

In reference to your Endorsement No. 1,258 R.S. of 4th September last on G.O. No. 2,288 W. of 20th August last, herewith returned, I have the honor to inform you that I consider the following out-door and Office Establishment will be necessary for drawing up a drainage Scheme for the town of Bezvada.

1 Surveyor on	Rs. 80 per month.
1 Draughtsman & Estimator on	Rs 40 — Do —
1 Clerk on	Rs. 15 — Do —
5 Lascars on Rs 6 each	30 — Do —
Pegs, flags &c.	10 — Do —
Contingencies	5 — Do —
Total	Rs 180 — Do —

For 3 months = Rs. 540.

The above is only a rough Estimate. It is founded on the enclosed letter from the late Local Fund Engineer, which, with a tracing, is forwarded for

for information and favor of return.

No. 1989 KS

Submitted to the Chief Engineer, P. W. Department, with reference to G.O. No. 2,288. W. of the 20th August 1889.

Hamman
Suptg. Engineer,
2nd Circle.

Suptg. Engr's Office,
2nd Circle, Bezwada.
9th December 1889

A
712

5/907

Encl
P.W. Case ~~4866~~
2762/90

From

The Supdg Engineer
2nd Circle

To

The Chief Engineer
P.W. Department,
Madras

Dated. 9th December/89

No. 1989 K.

Secretary to Government ... Department, Madras
12 Dec

Drainage Scheme for the Town of Bezwada.
Outdoor & Office Estabt. required for. Reports

Local and Municipal ... Department No. 116M

No. 294 C d/ 16 Jany/90

Referred, with advertence to G.O No. 2288 W d/ 20th August/89, to the Local & Municipal Dept, for favour of information whether a sum of Rs 540 can be placed at the disposal of the P.W. Dept: from municipal funds. If so, the proposed establishment will be employed under the orders of the Superintending Engineer to draw up a drainage scheme for the town of Bezwada.

Rundale Buckman
Lt. Col. R.E.
Ag: Joint: Secy: to Govt:
P.W.D.

WWN
15.1.90

Referred

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[23]

Local and Municipal Department.

6/947

CHIEF SECRETARIAT, MADRAS.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers—

3 C

Endorsement of the Public Works Department, dated 16th January 1890 No. 294 C, on letter from the Superintending Engineer, IInd Circle to the Chief Engineer, Public Works Department, Madras dated 9th December 1889 No. 1989 K, regarding the Drainage Scheme for the town of Bezwada.

Also the following Endorsement No. $\frac{1753}{8\text{-}2\text{-}90}$ of the Head Assistant Collector, Kistna and Chairman Municipal Council, Bezwada.

Returned with the remark that Rs 360 could be provided from balance this year for the months of February and March, and that Rs 300 have been allotted in next year's budget. Rs 300 were allotted this year but have been omitted from the revised Budget as there seemed no likelihood of the work being put in hand.

Endorsement thereon, of the Collector of Kistna, dated 1st March 1890 No.

No. 1331.

Forwarded.

Order thereon, dated 12th March 1890 No. 411 M. Mis:

The Chairman's letter read above will be communicated to the Public Works Department.

2. The Chairman should have submitted a copy of the resolution of the Council in the matter.

(True Extract)

A. Butterworth.
Ag: Assistant Secretary.

To

The Public Works Department.
with enc. 116 in ref.
" Chairman, Mun. Council, Bezvada.
Thro' the Collector of Kistna.

P. B.

P. W. C. No. 2762

Govt. of (1890) Madras.

Local and Municipal Department.

No. 2288 W d/ 20-8-89
" 1237 W " 10-5-89
" 1923 W " 27-6-88

To

The P. W. Deptt.

Rd 17-3-90

P.W. DEPARTMENT, MADRAS. SECRETARY TO GOVERNMENT 17 MAR. 90

Proceedings, dated 12th March 1890
No. M 411 Mis.

Subject.

Communicating letter from the Chairman Municipal Council Bezwada regarding the drainage scheme for that town

Hen 21-3-90.
C.S. 17-3-90 } R 24-3-90

No. 947 W d/ 24 - March 1890

8/947

PUBLIC WORKS DEPARTMENT,
~~RAILWAY BRANCH.~~

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the S. E. II Circle (A.E. No. 1989 K.S. d/ 9.12.89)
Pro: Local & Munl. deptt. (" " 411 M. Mis d/ 12.3.'90)

Kis 22 Mar

The establishment mentioned in the Executive Engineer's letter No. 4148 dated 5th December 1889, will be employed under the direct orders of the Supdg. Engineer II Circle who will submit as early as practicable a drainage scheme

9/947

for the town of Bezwada.

2. A sum of Rs 540 will be placed at the disposal of the Public Works Department under orders in the Local & Municipal Dept.

WCM 19.3.90

JG 20/3

Russell 19.3.90

Desptd 10/4/90

S. E. II Circle
Ch: E. for Irrigation
Ex. P. W. A.
L & M. Dept.

with the Hon the Chief Secy's [illegible] for information of [illegible]

Rd. 19-3-90

2762.

Govt. of 18 Madras

PUBLIC WORKS.

Dated

24/3

Recd Encl.

G.O. 24th March 1890 No. 947W.

Drainage Scheme for the town of Bezwada

The Estabt required for drawing up a sanctioned with remarks. —

110/6

C.S.C. 24/3 J 24/3