

(1) Number of pages

22

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 50

(W)

Press
Mis.

Dated 5

1

1877

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
5th January 1877. No. 50.*

Read the following papers:—

No. 94. From Major H. M. VIBART, R.E., Officiating District Engineer, Presidency, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Fort St. George, 15th December 1876, No. 4,857.

I HAVE the honor to forward a copy of a letter, No. 1,520, dated 13th December 1876, from the Sanitary Commissioner, Madras, regarding the site selected for an encampment of coolies in connection with Famine Relief Works on the south bank of the Adyar river, from which you will see that he approves of the site selected.

From H. KING, Esq., Acting Sanitary Commissioner for Madras, to Major H. M. VIBART, R.E., Officiating District Engineer, Presidency, dated 13th December 1876, No. 1,520.

WITH reference to your letter No. 4,760 of the 8th instant, that I visited the ground in question this morning with Captain Clarke, and that it appears to me well suited to the purpose intended. There is a deficiency of potable water in the immediate neighbourhood of the spot, which will necessitate the sinking of some wells, the water of which should be submitted to the Chemical Examiner for report.

No. 94-A. From Major H. M. VIBART, R.E., Officiating District Engineer, Presidency, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Fort St. George, 28th December 1876, No. 5,067.

I HAVE the honor to inform you that Vurdiah, a well-known tank digger maistry, has just called upon me, and he states he has several thousand tank diggers at his call who are without work. He tells me he could at once procure 2,000 men, and that they are in distress from want of work. I write this to suggest that it would perhaps be desirable to employ these tank diggers in the Junction Canal, sending the villagers to other works. It seems to me that these men who work round about Madras are justly entitled to get work where work is going on. The canal work is precisely the work which will suit them best, and the villagers who have come into Madras could be provided for on other works in the vicinity.

2. The work would be better, more quickly and more cheaply done, and a most useful class of men would be relieved of distress. No huts need be built, and a bridge across the Adyar will be superfluous. I would therefore strongly recommend that the Adyar-Cooum Junction Canal works should be carried out by these tank diggers, and that the villagers should be employed elsewhere in the outskirts of Madras.

No. 94-B. Endorsement of the Officiating District Engineer, Presidency, dated 28th December 1876, No. 5,068.

From Captain S. C. CLARKE, R.E., Executive Engineer, Junction Canal Works, to Major H. M. VIBART, R.E., Officiating District Engineer, Presidency, dated 28th December 1876, No. 17.

WHILE submitting the survey of the proposed site for the labor encampment in compliance with the Chief Engineer's memorandum No. 1,917, dated 18th instant, I have the honor to make the following remarks.

*Proceedings of the Madras Government, Public Works Department,
5th January 1877. No. 50.*

2. It has been found necessary to annex a further portion of land (colored red and marked A on the survey plan) lying to the westward of the original site, since the medical officers consider it advisable to have more room allotted for the latrines. This forms a portion of the Begum's property, but as it is only required for a period of six or nine months, it is hoped that the Collector will find no difficulty in obtaining possession of it at a moderate compensation.

3. The huts have been assigned in parallel rows, running north-east and south-west, so that the prevalent wind (north-east) may sweep through the 50 feet spaces between the huts or streets. The rows are to be set 50 feet apart, and the space between each contiguous hut will be 20 feet, if necessary the 50 feet spaces can be enclosed by end screens, thus permitting the inmates to have a yard of 50 x 100 feet long.

4. In these streets between each courtyard barrels will be fixed in the ground, to receive the fresh water which will be filled as often as may be required; only those who are detailed for the duty of drawing the water from the wells are to be allowed to take water direct from the wells.

5. There are three wells, marked A, B, C on the survey, lying to the westward, but it is a question whether, in the first place, they will yield the requisite supply, viz., five-eighths of a gallon per head per diem.

A—contains about 1,000 gallons now.

B—somewhat more, and

C—about 500 gallons, and is now generally made use of by the washermen of the villages around;

in the second place, as they are outside the area of the ground proposed to be taken up for the camp site, it is not known whether the Collector would be willing to give us the right of drawing water there. The other alternatives would be either to sink wells in the most suitable localities on the west and east corners, or to convey the fresh water from up the river on rafts in barrels about 1 mile distant.

I am of opinion that the latter plan would probably be the most economical.

6. The hospital huts as shown on the survey plan are to be situated near the river bank, at a convenient distance on the sea-side; whether the cholera shed will be required in addition to the one marked for contagious diseases is a question to be decided by Dr. Stanbrough.

7. The latrines are to consist of mere open trenches filled with sand, similar to those now erected on the beach, the ordure to be removed daily or oftener in carts; they will be screened in by mats.

8. As the Collector of Chingleput does not seem prepared to act till he receives the requisite orders from the Government, it is requested that the necessary orders may be sent to that officer as early as practicable, in order that the necessary schedule may be drawn up and the site handed over to the Department of Public Works. A copy of the survey has been this day supplied to the Collector.

Submitted to the Chief Engineer and Secretary to Government, Public Works Department, for information.

(Signed) H. M. VIBART, Major, R.E.,
Offg. District Engineer, Presidency.

*Proceedings of the Madras Government, Public Works Department,
5th January 1877. No. 50.*

No. 94-C. From Major H. M. VIBART, R.E., Officiating District Engineer, Presidency, to Major-General G. W. WALKER, R.E., Chief Engineer, Public Works Department, dated Fort St. George, 30th December 1876, No. 5,078.

I HAVE the honor to suggest that it will be very necessary to have some qualified person appointed to take charge of the encampment to be erected on the banks of the Adyar river, and to act as a Supervisor to maintain order and to exact implicit obedience to the rules and regulations of the camp.

2. The services of such a Supervisor have been found indispensable at the Monegar Choultry and other Famine Relief encampments. I therefore beg that you will be good enough to sanction the entertainment of a qualified person for the duty, and to fix the salary definitely.

No. 95. ORDER THEREON, 5th January 1877, No. 50.

CIVIL WORKS, No. 3.

Looking to the nature of the work, the desirability of carrying it out with the fewest possible numbers in regard to the health of the locality traversed, and the necessity of finding employment for the numerous tank diggers out of work, the Government approve of the proposal to excavate the Adyar and Cooum Junction Canal by the more skilled labor of that class of people; and authorize the Presidency District Engineer to make arrangements accordingly. The same precautions will however be necessary in their case as in that of any other laborers; and immediate steps must be taken for the formation of a camp on the south bank of the Adyar, at the site already approved by Government.

(True Extract.)

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

To the District Engineer, Presidency.
" Financial Department.

Exd. S. T. Austin.
Spare Copies

Choults

urgent
17/11

15070

From

The Offr District Engineer
Presidency

To
The Chief Engineer

Sir

D.M.

I have the honor to suggest that it will be very necessary to have some qualified person appointed to take charge of the Encampment to be erected on the banks of the Adyar River and to act as a Supervisor to maintain order and to exact implicit obedience to the rules & regulations of the camp.

2. The services of such a supervisor have been found indispensable at the Monegar
Choulis

1156
 1/13/17
 To The District Engineer Fort
 From Executive Eng. J. M. Canal
 Dec. 28/16

While Submitting the Survey of the proposed site for the Labor Encampment in compliance with the Chief Eng's Memo of 12/17 dated 18th Inst. I have the honor to make the following remarks.

- It has been found necessary to annex a further portion of land (colored red and marked A on the Survey Plan) lying to the westward of the original site. Since the Medical Officers consider it advisable to have more room allotted for the Latrines. This forms a portion of the Begum's Property but as it is only required for a period of 6 or 9 months - it is hoped that the Collector will find no difficulty in obtaining possession of it at a moderate Compensation.
- The Huts have been aligned in parallel rows, running N.E. & S.W. so that the prevalent wind (N.E.) may sweep through

By agreement with the undersigned the Engineer to take charge of the incampment in the hands of J. M. Canal for the purpose of the work.

From
 J. M. Canal
 The Chief Eng.
 Dec. 28/16
 J. M. Canal

through the 50 ft spaces between the Huts or Streets - The Rooms are to be set 50 ft apart and the space between each Contiguous Hut will be 20 ft. if necessary the 50 ft spaces can be enclosed by end screens, thus permitting the Inmates to have a yard of 50 x 100 ft long.

4 - In these streets between each Court yard. Barrels will be fixed in the ground, to receive the fresh water which will be filled as often as may be required only those who are detailed for the duty of Drawing the water from the wells are to be allowed to take water direct from the wells.

5 - There are 3 wells marked A. B. C. on the survey lying to the westward but it is a question whether in the first place they will yield the requisite supply viz. 50th of a Gallon per head per diem

A. Contains about 1000 gals now
B. somewhat more - & C. about 500 gals. -

it is now generally made use of by the washermen & the villages around; in the second place as they are outside the area of the ground proposed to be taken up for the Camp site, it is not known

known whether the Collector ~~will~~ would be willing to give up the right of drawing water there. The other alternative would be, either to sink wells in the most suitable Localities on the west and East Corners or to convey the fresh water from up the the River on ^{rafts} in Bunches about one mile distant -

I am of opinion that the latter place would probably be the most Economical.

6 - The ^{Hut} ~~Huts~~ ^{are} as shown on the survey Plan are to be situated near the River Bank, at a convenient distance on the sea side, whether the cholera shed will be required in addition to the one marked for Contagious Diseases is a question to be decided by Mr. Stanborough.

7 - The Latrines are to consist of mere open trenches filled with sand similar to those now erected on the Beach. the orure to be removed daily or oftener in carts - they will be covered in by mats.

8 - As the Collector of Chingleput does not seem prepared to act till he receives the requisite orders from the Govt. it is requested that the necessary orders may be sent to that office as early as

11/10/1856
Sd/- J. S. M. Esq. District Engineer
Residency

PK 9514/16

as practicable in order that the
new survey schedule may be drawn
up and the Lake handed over to the
D. P. W. — a copy of the survey has
been this day submitted to the Collector

I have the honor to be

Sir

Your most obedt servant

W. J. Clarke Esq. M. A.
Executive Engineer

Junction Officer
Canal

N. 5068.

Submitted to the Chief
Eng. & Secretary to Govt. D. P. W. for
information.

Per
Survey

Henry Vivian Esq. M. A.

28. December 1876

No. 4857,
From,

The Offg. District Engineer,
to

13/

and at
1876,
to address,
& En-
with
bank
will
you see
lected.

I have the honor to be
Sir,

Your most obedient servant

Henry Vivian Esq. M. A.

Offg. District Engineer
Residency.

George
1876
local

P.W.D.

160076

Q. 181

dated 15th Dec 1896.

Jan 1st 1897

Submits letter from

the sanitary Commission

Madras, regarding the

selected for the m.

in connection with

Sanitary Relief works.

To,

The Chief Engineer,

Presidency,

Madras.

Memo. No. 1917 of 18.12.96.

No: 1520.

13 Dec: 1896.

To,

The Offg. District Engineer,
Presidency.

Sir,

With reference to your letter No: 4760 of
the 8 instant, that I visited the ground
in question this morning with Captain
Clarke, and that it appears to me well
suited to the purpose intended. There is
a deficiency of potable water in the
immediate neighbourhood of the spot,
which will necessitate the sinking of
some wells, the water of which should
be submitted to the Chemical Examiner
for report.

I have &c.

/s/ Henry Ring.

Ag. Sanitary Commissioner, for
Madras.

(True copy)

W. H. Stuart Major.

Offg. District Engineer,
Presidency.

No 94-

R-54-1-25-11-5-1-27
An 130-12-96

N. 5067.

3

From

The Off^r District Engineer
Presidency:

To

216 f. Engineer &
R. ectary to Government I.P.W.
Fort St. George.

Wednesday

My dear General

There are I believe about
2000 Hindustani men at present

and it was then suggested
that they should be employed on Junction

Canal. So long as they will
take work at Famine Relief

I think they should have
the preference. All this

is the honor to inform you
a well known Sand digger
called upon me and

has several thousand
at his call. who are
he tells me he could

2000 men and that
they are kept from want of work.
I suggest that it would

be desirable to employ these
about the junction Canal.
with the other workers. It

is that these men who work
out Madras are justly entitled
to work is going on. The

Canal work is precisely the work which
will suit them best & the villagers
who

diggers

N. 5067.

P 3

The Off^r District Engineer
Presidency.

To

Chief Engineer &
Secretary to Government D.P.W.
Trat St. George.

with reference to the
enclosed Telegram. We
can speak of this this
afternoon if you will be
at the office

Yours truly

W. H. Allen

I have already explained to Sir W.R. that there are some thousands of Waddlers in districts for work in and around Madras, & that it is best to employ them on this Special work. Confining it to Waddlers does not take it out of the category of famine relief work, and it allows of much fewer people being camped about the town, which is most desirable -

It seems to me that these men who work round about Madras are justly entitled to get work where work is going on. The Canal work is precisely the work which will suit them best & the villagers who

diggers

Continuing to provide
labourers can be
provided with or-
dering Relief Work
outside the town
and W. J. Smith
agrees with me
that their employ-
ment should be
discouraged - They
will only be in the
way of the Waddes
and return there
if mixed up with
them in the Canal.

C. M. M.
10.1.

N. 5067.

From

The Off^r District Engineer
Presidency.

To

The Chief Engineer &
Secretary to Government D.P.W.
Fort St. George.

Sir

I have the honor to inform you
that Vurdiah a well known Tank digger
(Maistry) has just called upon me and
he states he has several thousand
tank diggers at his call who are
without work. He tells me he could
at once procure 2000 men and that
they are in distress from want of work.
I write this to suggest that it would
perhaps be desirable to employ these
tank diggers in the junction Canal.
Sending the villagers to other work. It
seems to me that these men who work
round about Madras are justly entitled
to get work where work is going on. The
Canal work is precisely the work which
will suit them best & the villagers
who

diggers

who have come into Madras could be provided for on other works in the vicinity).

The work would be better more quickly and more cheaply done and a most useful class of men would be relieved of distress. No huts need be built and a bridge across the Adyar will be superfluous. I would therefore strongly recommend that the Adyar Coom Junction Canal works should be carried out by these tank diggers and that the villagers should be employed elsewhere in the outskirts of Madras.

I have the honor to be
Sir

Yours most Obedt. Servt.

Henry Robert Mayo R.C.

Offg. Dist. Engineer Penn

Fort St. George
28th Decr 1762

1. The first of these is the
 fact that the majority of the
 population are now living in
 towns and cities. This has
 led to a concentration of
 people in certain areas, and
 has resulted in a number of
 problems, such as overcrowding,
 pollution, and a loss of
 contact with the countryside.
 2. The second of these is the
 fact that the majority of the
 population are now living in
 towns and cities. This has
 led to a concentration of
 people in certain areas, and
 has resulted in a number of
 problems, such as overcrowding,
 pollution, and a loss of
 contact with the countryside.
 3. The third of these is the
 fact that the majority of the
 population are now living in
 towns and cities. This has
 led to a concentration of
 people in certain areas, and
 has resulted in a number of
 problems, such as overcrowding,
 pollution, and a loss of
 contact with the countryside.

The above is a copy of the original manuscript of the letter from the Secretary of the Board of Education to the President of the University of California, dated June 10, 1897.

luggers

P.W.D.

Submitted for Orders.
 together with letter
 and Survey rel.
 :ing to the Camp
 site for Damme
 coolies.

Recommend
 that 2000 Dyaks
 may be employed
 on the Damme
 Canal works.

No 5067

20 DEC 76
 951
 Dec 28/76

From
 The District Engineer
 Presidency
 for
 The Chief Engineer
 Damme to Govt
 P.W.D.

There is no doubt
 that the employ-
 ment of Wadders
 on this work will
 result in its
 much speedier
 and more satis-
 factory execution,
 with less danger
 to health from
 the mauling of
 Damme coolies
 with Wadders.

Approved by the
 Engineer-in-Chief
 P.W.D.
 30.12

Nigra

They are most suitable
 for manual work. There
 are plenty of lighter work
 for the other poor class
 at Madras. Red Hills. Palace
 &c.

R.E. 4-1-77
 Dec 30-12-76

No 50

Public Works Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 5th Jan'y 1877
 Read the following:-

From
 The District Engineer } (No. 43 of 18 Dec 76)
 Presidency
 " do do (No. 5067 - 28th do)
 " do do (No. 5068 - 28th do)
 Enclosure and letter from
 the District Engineer }
 to the District Engineer }
 to the District Engineer }
 to the District Engineer }

Looking to the
 nature of the work, the
 desirability of carrying
 it out with the least
 possible number in
 regard to the health
 of the locality, and
 the necessity of
 finding employment
 for the numerous land
 diggers

951/57 951/57 951/57
Govt. of India
PUBLIC WORKS.

To

the Hon. Secy. to the Govt.
W. B. Presidency

Dated

Issued

Recd

Encl.

G. O., 5th Dec 1877 No. 50

Nos. 94 to 95.

Adyar & Coom Junction
Canal — Instructions
issued with regard to
the Labour Free Employed
in the —

See no 10/1