M.R.O. 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O.-No. 3055 Press —Mis.-

46-47

Dated 4-12- 1871.

Not to be folded or roughly handled

No. 46. Read the following letter from the Master Attendant, to the [illegible]cretary [illegible]nment, Public Works Department, dated Madras, [illegible]e 1871, No. 3,894:—

In forwarding a letter to your address from the Superintending Engineer of the 7th Division, dated 17th Nov[illegible]ber 1871, No. 182, I have the honour to inform you that I entirely agree with Colonel Farewell in his opinions regarding the materials which can alone be depended on in closing the Cruz Milagre Gap, and I strongly recommend that the estimate be passed and the work carried on as speedily as possible.

2. The Executive Overseer, A. Vadamoothoo, is well up to his work, following to the letter Colonel Farewell's instructions, and permission to use the blocks of stone close at hand is all that is required to insure success.

3. In a letter I have received from the Master Attendant, Cochin, he makes the following remarks with reference to the works at the Cruz Milagre Gap: "So "far everything is most satisfactory; the groyne at present is about 30 feet; the "sand on the point on the sea side has gained 60 feet. There is much less water "on the Vypeen side of the gap. In the deep channel the depth of water has "decreased two feet."

4. This account is very encouraging, and I venture to hope that Government will immediately send orders to carry on the works, as recommended by Colonel Farewell, with the blocks of stone which are heaped on the spot, all ready for the purpose of closing the gap.

From the Acting Superintending Engineer, 7th Division, to the Secretary to Government, Public Works Department, dated Camp at Coondatty, 17th November 1871, No. 182.

With reference to G. O., No. 1,105, dated 20th April 1871, I have the honour to report that experience has proved that it is next to impossible in the face of the tremendous current that runs in and out of the Cruz Milagre Gap during the ebb and flow of the tides to construct a groyne of the very temporary materials directed to be used in the G. O. above quoted, and for which an estimate, amounting to Rupees 8,663,* was sanctioned in G. O., No. 1,567, dated 12th June 1871. In May last a portion of the temporary groyne was constructed about 80 or 100 feet in length. I inspected the work, and it appeared to me to have been well done and looked substantial enough, but the first heavy flood in June destroyed the work though the materials were most of them saved.

1 Estimate.
1 Survey.
3 Sections, etc.

* Inclusive of the value of materials at site Rs. 5,152-8-6.

2. I beg, therefore, to submit a revised estimate, amounting to Rupees 24,824, for a substantial stone groyne, which I consider is more likely to answer the purpose required. A small portion of the groyne has been thus substantially built and the southern bank of the gap well rivetted, and I have the greatest hopes that, if the groyne be carried out as now estimated for the experiment of closing the gap will prove successful. As I consider the construction of the groyne as first estimated for mere waste of time and money, I have stopped the work pending the orders of Government on the subject, which I respectfully solicit may be communicated to me as early as possible in order that the work may speedily be finished.

The Master Attendant of Madras having lately visited the work, and being of the same opinion as myself in reference to the uselessness of the temporary structure sanctioned, I forward this letter through him in order that he may at once express his views to Government on the subject and thus save time.

Proceedings of the Madras Government Public Works Department,
4th December

No. 47. ORDER THEREON, 4th December 1871, No. 3,055.

CIVIL WORKS, No. 1.

H[illegible]
Council sanctions the estim[illegible]
24,824 for the construction of a stone groyne at the Cruz Milagre Gap. This sanction will cancel that accorded to the original estimate of Rupees 8,663 in G. O., No. 1,567, dated 12th June 1871.

(True Extract.)

(Signed) J. CARPENDALE, Colonel, R.E.,
Secretary to Government.

To the Superintending Engineer, 7th Division.
,, Controller of Public Works Accounts.
,, Marine Department.
,, Master Attendant, Madras.

No 182. Supg Engineer's Office / Dr
Camp Coondotty, 17th Nov 1871.

From
Lt Col M. Farewell R.C.
Offg Supg Engr / Dr

To
The Secretary to Government
P.W. Madras.

Sir

With reference to G.O. No 1105 dated 20th April 1871, I have the honor to report that experience has proved that it is next to impossible in the face of the tremendous current that runs inwards of the Cruz Milagre Gap during the Ebb and flow of the tides to construct a Groyne of the very temporary Materials directed to be used in the G.O. above quoted and for which an Estimate amounting to Rupees 8,663 was sanctioned in G.O. No 1567 dated 12th June 1871. In May last a portion of the temporary Groyne was constructed about 80 or 100 feet in length, I inspected the work and it appeared to me to have been well done and looked substantial enough but the first heavy flood in June destroyed the work though the Materials were most of them saved.

2 I beg therefore to submit a Revised Estimate amounting to Rs 24,824 for a substantial stone Groyne which I consider is more likely to answer

Enclosures
1 Estimate
1 Survey
3 Sections &c.

+ Inclusive of the value of Materials at site Rupees 5,152-8-6.

Immediate.

Administrative Department.

Madras.

the purpose required - A small portion of the Groyne has been thus substantially built and the Southern Bank of the Gap well revetted, and I have the greatest hopes that if the Groyne be carried into as now Estimated for the Experiment of closing the Gap will prove successful. As I consider the construction of the Groyne as first Estimated for mere waste of time and money I have stopped the work pending the Orders of Government on the subject which I respectfully solicit may be communicated to me as early as possible in order that the work may speedily be finished one way or the other.

The Master Attendant of Madras having lately visited the work and being of the same opinion as myself in reference to the usefulness of the temporary structure sanctioned, I forward this letter through him in order that he may at once express his views to Government on the subject and thus save time.

I have the honor to be,

Sir,

Your most obt. Servant

W. Turnbull Lt Col. S.C.

Ag. Sup. Engr. & Genl.

Immediate.

Administrative Department.

Madras.
Marine Office.
27th November 1871.

No. 6894.

From

The Master Attendant
Administrative Department
Madras.

To

The Secretary to Government
Public Works Department
Fort Saint George.

Sir,

In forwarding letter to your address from Superintending Engineer, 7th Division, dated 17th November 1871, I have the honour to inform you that I entirely agree with Colonel Farewell in his opinions regarding the materials which can alone be depended on in closing the Cruz Milagre Gap, and I strongly recommend that the Estimate be passed, and the work carried on as speedily as possible.

2. The Executive Overseer A. Vadamoothoo is well up to his work - following to the letter Colonel Farewell's instructions -

182.
Enclosures 5.

No. 19539 1871

From

The Superg Engineer
7th Division

To,

The Secretary to Govt.
P.W. Department
Madras

Through
The Master Attendant
Administrative Depart.
Madras

No. 182.

Dates 17th
Rec'd 22nd November/71.

Enclosures 5

Submitting a Revised Estimate for Constructing Groyne with Rough Stone at the Cruz Milagre Gap at Porto Novo.—

No. Dr. 5638/71.

-structions,— and permission to use the blocks of stone, close at hand is all that is required to insure success.

3. In a letter I have received from the Master Attendant, Cochin, he makes the following remarks with reference to the works at the Cruz Milagre Gap. "So far everything is most "satisfactory— the groyne at present is "about 30 feet, the sand on the point "on the sea side has gained 60 feet. "There is much less water on the Vypeen "side of the Gap. In the deep channel "the depth of water has decreased two feet."

4. This account is very encouraging, and I venture to hope that Government will immediately send orders to carry on the works, as recommended by Colonel Farewell, with the blocks of stone which are heaped on the spot, all ready for the purpose of closing the Gap.

I have the honour to be
Sir
Your most obedient Servant.

H. D. E. Dalrymple
Master Attendant
Administrative Department

- structions, — and permission to use the

Rd 20 April /71 W 27=

P. Dr. 187 / Depart
Pro: of Lgt for Decr
Stores No 5638.
The Master Attendant
Administrative Departt
To
The Secretary to
Government
P. Works Department
— Sir, I am George
Dated 27th November 1871
Read 27" 1871
No. 6894
Enclosures 6

Agrees entirely with Coll. Garrard in his opinion regarding the materials which can alone be depended on in closing the Cruz Milagre Gate at Cochin — Strongly recommends that the Estimate may be sanctioned — 4° Decr /71

No 46

Administrative Departt

Public Works Department
No 3055.
Proceedings of the Madras Government
Under date the 4th Decr /71
Read the following

From The Master Attendant / G.E. No 6894 of 27th Novr 1871

His Excellency the Governor in Council sanctions the estimate of Rs 24,824 for the Construction of a Stone groyne at the Cruz Milagre Gat. This sanction will cancel that accorded to the original estimate of Rs. 8663 in G.O. No 1567 of 12 June /71.

29 Nov

To
Ad Dr / Dy Secretary 5 enclosures
4 Controller /
Marine Dept /
Master Attendant Madras /
Dy Secy Dept 4/12/71 to Collr of Malabar

No. 538.

Govt. of {1871} Madras.

PUBLIC WORKS.

To The Superintending Engr
7th Division

Dated

Recd. Ind. 1

G. O. 4th Dec. 1871, No. 3055.

Nos. 4644

Mg Bilaspur Road. Estm

for Rs 24,824 for the Con
struction of a Stone fo
at the Mg Bilaspur Ri
Sanctioned with Rem