M.R.O. 1—77,000—8-6-37.

(1) Number of pages 70

(2) Date of repair 30-6-62

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 666 Press Mis.

64-65

Dated 3-4-1862.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 3rd April 1862.

No. 64. Read the following Endorsement of the Acting Deputy Chief Engineer, Northern Circle, dated Chepauk, 19th March 1862, No. 217/V. 66.

Read the following letter from Major SHAW STEWART, Acting District Engineer Vizagapatam, to Lieutenant-Colonel J. OUCHTERLONY, Acting Deputy Chief Engineer, Northern Circle, dated Waltair, 10th March 1852, No. 1,448:—

SIR,

1. Referring to my letter of the 7th instant, No. 1,419, I have the honor to enclose a copy of a further report* which has this day reached me from Conductor Bevan, regarding the damage sustained by the Gabbada works during the late fresh in the river.

* No. 257 of 8th March 1862.

2. With reference to paragraph 3 of Conductor Bevan's report, I have given him instructions to construct at once the small embankment he speaks of. Its cost will be but small; and it is important that the work should be protected against the chance of accident from freshes.

From Conductor W. G. BEVAN, Supervisor, Public Works Department, to Major SHAW STEWART, District Engineer, Vizagapatam, dated Nursipatam, 8th March 1862, No. 257.

SIR,

1. I was unable to give you the exact amount of damage done to the Gabbada works by the fresh which occurred on the evening of the 4th instant, in my letter of the 5th, as the water had not then subsided sufficiently to enable me to do so with accuracy. I therefore now submit for your information the following Memorandum:—

		Rs.	A.	P.
1.	Anicut 57 cubic yards of rough stone in chunam, at Rupees 2 per cubic yard...	114	0	0
2.	Paid to fifty Tank Diggers for working at the embankments during the night of the 4th instant, at 2 Annas each...	6	4	0
3.	Four squares of plastering to head sluice, at Rupees 2 per square	8	0	0
4.	Escape Sluice No. 1, 18 cubic yards of rough stone in chunam, at Rupees 2 per cubic yard... ...	36	0	0
5.	Plastering ditto, 2½ square, at 2 Rupees per square	5	0	0
6.	Escape Sluice, No. 2, 4 cubic yards of rough stone in chunam, at 2 Rupees per cubic yard... ...	8	0	0
7.	Plastering ditto	2	0	0
8.	Filling in breach at 2nd scouring sluice 340 cubic yards of earthwork, at one Anna per cubic yard	21	4	0
	Total...	200	8	0

2. In addition to the above there will be about 20 Rupees for extra bailing. I did not include it in the Memorandum as the bailing on the whole will cost considerably more than the sum allowed in the estimate, and I expect to be able to dispense with bailing coolies altogether in about 10 or 12 days, when I will submit a statement of the actual cost.

3. I also beg to inform you that in the estimate no sum is provided for throwing up the embankment in prolongation of the Anicut from the north wing walls, but as it is absolutely necessary I request you will permit me to go on with it, as in the event of the freshes coming down before it is completed the water would cut round the wing walls.

(True Copy.)

(Signed) SHAW STEWART, Major,
Acting District Engineer Vizagapatam.

Sluice 340 cubs of earth work

Proceedings of the Madras Government, Public Works Department, 3rd April 1862.

1 Letter from District Engineer Vizagapatam, No. 1,448, dated 10th March 1862, with one enclosure.

THE accompanying letter, No. 1,448, dated 10th March 1862, from the District Engineer Vizagapatam, is submitted for the information of Government, with reference to and in continuation of a letter from this Office dated 11th idem, No. 214 describing certain damage caused to works in progress by an unexpected fresh in the river Gabbada.

(Signed) J. OUCHTERLONY, Lieut.-Colonel,
Acting Deputy Chief Engineer, Northern Circle

No. 65. ORDER THEREON, 3rd April 1862, No. 666.

The Government approve of the measures adopted by the District Engineer, Vizagapatam, for the protection of the Gabbada works, and they await the receipt of the further report of that Officer (after personal inspection) called for in Proceedings No. 592, dated 28th March 1862.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

No. 257

From Conductor W. G. Bevan
To Supervisor D. P. W.
Major Shaw Stewart
District Engineer Vizagapatam

Sir,

I was unable to give you the exact amount of damage done to the Gubbada works by the fresh which occurred on the evening of the 4th instant, in my letter of the 5th, as the water had not then subsided sufficiently to enable me to do so with accuracy; I therefore now submit for your information the following memorandum.

1st	Brick work 57 C.yds of rough stone in Ch. M. P. Chunam at Rs 2 per C.yd	114 — —
2d	Paid to 50 Tank diggers for working at the embankments during the night of the 4th instant, at 2 a. each	6 — 4
3d	4 Squares of plastering to Head Sluice at Rs 2 per Square	8 — —
4th	Escape Sluice No 1, 18 C.yds of rough Stone in Chunam at Rs 2 per C.yd	36 — —
5th	Plastering do 2½ Square at 2 Rs per Square	5 — —
6th	Escape Sluice No 2, 4 Cubic yds of rough Stone in Chunam at 2 Rs per Cubic yards	8 — —
7th	Plastering do	2 — —
8th	Filling in breach at 2d Scouring Sluice 340 C.yds of Earth work at 1 anna per C.yd	21 4 —
	Total Rs	200 8 —

2. In addition to the above there will be about 20 Rs for extra bailing. I did not include it in the Memorandum as the bailing on the whole will cost considerably more than the sum allowed in the Estimate, and I expect to be able to dispense with bailing Coolies altogether in about 10 or 12 days, when I will submit a Statement of the actual cost.

3. I also beg to inform you that in the Estimate no sum is provided for throwing up the embankment in prolongation of the ancient pier the North wing walls, but as it is also strictly necessary I request you will permit me to go on with it, as in the event of the freshes coming down before it is completed the water would cut round the wing walls.

Rangoon Range
Office Superintendence
8th March 1852

I have &c
W.G. Bowman Lieut
Superintendent D.P.W.

(True Copy)
J. Thomas Major
Actg Dpty Engr Pegu

No. 1448 Via Agt Genl Ord Supts Office

Irrigation

No. 1448 Dista Agt. Dist. Engrs. Office
Multan 15th March 1862

From
Major Shaw Stewart
Ag. Dist. Engr. Vijague
To Lieut. Colonel J. Crakterlony
Ag. Dy. Chief Engineer
Northern Circle

Sir,

Referring to my letter of the 7th instant, No 1419, I have the honour to enclose a copy of a further report which has this day reached me from Conductor Bevan, regarding the damage sustained by the Lubbada works during the late freshe in the river.

† No. 257 of 8th March 1862

2. With reference to para 3 of Conductor Bevan's report, I have given him instructions to construct at once the small embankment he speaks of. Its cost will be but small; and it is important that the work should be protected against the chance of accidents from freshes.

I have the honour to be
Sir,
Your most Obedt Servt
Shaw Stewart Major
Ag. Dist. Engr. Vijague

Rec'd 19 March/62 A 217.

Executive Engineer
Bhawulpore Division
Bhawulpore 17th March 1862

From Conductor Bevan
To Major Shaw Stewart
Ag. Dist. Engr. Vijague

Reports further on the damage sustained by the Lubbada works during the late freshes in the River.

V

No 217

Enclosure

The accompanying letter, Ex. 1440, dated 15th March 1862 from Lieut Engineer Bayard is submitted for the information of Genl with reference to his communication of 14th inst. dated 14th inst. claiming certain damage caused to Gabions during the Cable trench in the River.

Lieut Colonel Comdg R.E.

Central Office T.O.
15th March 1862

To Lieut Colonel W.F.D. Jervois
Secretary to Government S.I.M.
Fort Saint George

To Genl S.P.R. dated 19 March 1862
No 217.

66.

Transmitting Engineer's Report on the Gabions used in the Cable trench in the River

Dated 10th March 1862
Rec'd 18 " "
A. 1868
Salary

Commanding Officer's further report from Conductor Bevan regarding damage sustained by the Gabions during the Cable trench in the River.

28th March No 578-319

Public Works 1862 (10) Departt
Rec: of Govt No 866 April

From
Lieut.t Colonel J. Ouchterlony
Acting Deputy Chief Engineer
Northern Circle

To
Lieut.t Colonel W.H. Horsley
Secretary to Government
F.W.S.
Fort Saint George

Dated 19th March 1862
Rd 2nd April

No 217

Submits letter from the District Engineer Vizagapatam reporting further on the damage caused to works in progress by an unexpected fresh in the river Gubbadya.—

No 666 - 3rd April.

Military Order

No 666.

The Government approve of the measures adopted by the District Engineer Vizagapatam for the protection of the Pubbadda Works, and they await the receipt of the further report of that Officer (after personal inspection) called for in Proceedings No 592 dated 28th March 1862

To The Dy Chf Engr &c
Despatch

From Fort St George
2nd April 1862

No 87

No 648 60

C 21st March R 24