(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. 165 Press Mis.

316-17

Dated 14 · 1 1870 .

Not to be folded or roughly handled

No 316 Read the following —

No. 387.

APPLICATION from the Agent and Manager of the Madras Railway Company, requesting the sanction of Government to the following estimates —

North-West Line.

	Rs.
Revised estimate of the cost of a double 30-feet opening with wrought-iron girders at 11 miles 28 chains, District XII, Section II, North-West Line	13,190
Do do of buildings and works required at the Goondacul Station	1,52,304

Referring to the first of the above two estimates, Government, in their Order of the 1st March 1867, No 640, were pleased to sanction Rupees 4,41,665 for District XII, Section II., North-West Line, in which was included a sum of Rupees 5,613-8 0 for the construction of a double 30-feet arch in masonry at 11 miles 28 chains

It is now found necessary, for the safety of the bridge, to construct it with wrought-iron girders, in order to increase the water-way.

2. G. O, No. 3,092, dated 22nd September 1869, conveys sanction to the estimate of the cost of buildings and works required at the Goondacul Station, viz., Rupees 1,50,604 A revised estimate is now forwarded by the Agent, who quotes from the Chief Engineer's communication as follows —

"*Embankment at Goondacul Station, District* 11-2, *North-West Line*—Rock has "been met with in this cutting, and the original price estimated for not being found "sufficient, a rate of Rupees 2-8-0 per cubic yard for 500 cubic yards is proposed to "be substituted."

"*Increase of rate for well sinking at Goondacul Station, District* 11-2, *North-West "Line.*—A depth of 19 feet of this well has been sunk It is found that the remain- "ing portion, 16 feet in depth, being chiefly rock, cannot be executed at the same "rate For this portion, therefore, it is proposed to increase the rate to Rupees 2-8-0 "per cubic yard"

3. After full discussion with the Railway authorities, I am satisfied that the increased expenditure is necessary I have the honour, therefore, to recommend that sanction be accorded to the revised outlay of Rupees 13,190 and 1,52,304, respectively, for the works specified above This will alter the total amount sanctioned for District XII, Section II., from Rupees 4,41,665 to Rupees 4,49,241-8-0, and will cancel the estimate, amounting to Rupees 1,50,604, sanctioned in G. O marginally noted for the works at the

Dated 22nd September 1869, No 3,092 Goondacul Station

4 As the above works are emergently required, I have authorized the Agent to proceed with them in anticipation of the sanction of Government.

MADRAS, (Signed) J. H. M SHAW STEWART, *Major, R E,*
25th November 1869. *Consulting Engineer for Railways.*

Proceedings of the Madras Government, Public Works Department, 11th January 1870.

No. 317. ORDER THEREON, 11th January 1870, No. 165.

RAILWAY, No. 41.

Rupees 1,65,494

The estimates submitted with this application for works in District Nos. 11 and 12 of the North-West Line of the Madras Railway are sanctioned.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Railways.

Ed L. C. Shunker.

13

No. 387- Madras, 25th November 1869.

Application from the Agent and Manager of the Madras Railway Company, requesting the sanction of Government to the following Estimate :—

North-West Line

Rupees

Revised estimate of the cost of a double 30 feet opening with wrought iron girders at 11 miles 28 chains District XII Section II North-West Line — 13,190

— Do — Do — of buildings and work to be required at the Goondacul station. — 1,52,304

Referring to the first of the above two estimates, Government in their order, of the 1st March 1869 were pleased to sanction Rupees 1,41,665 for District XII Section II North-West Line, in which was included a sum of Rupees 5,613-8-0 for the construction of a double 30 feet arch in masonry

No 640.

at 11 miles 28 chains.

It is now found necessary for the safety of the bridge, to construct it with wrought iron girders, in order to increase the waterway.

2. G.O. No 3092 dated 22 nd September 1869 conveys sanction to the estimate of the cost of buildings and works required at the Goondaeul station, viz, Rupees 150,604. A revised estimate is now forwarded, by the Agent, who quotes from the Chief Engineer's communication as follows:—

"Rock in cutting at Goondaeul station (District 11/2 North-West line. ——— } Rock has been met with in

"this cutting and the original price

"estimated for not being found sufficient, a rate of 2/8 per cubic yard "for 500 cubic yards is proposed to be "substituted."

" Increase of rate for well " sinking at Goondaeul " station District 11/2 North- "-West line." ——— } A depth of 19 feet of this well has been

"sunk. It is found that the remaining portion 16 feet in depth "being chiefly rock cannot be executed at the same rate as the "portion therefore it is proposed to "increase the rate to 2/8 per cubic "yard".

3. After full discussion with the Railway Authorities I am satisfied that

To
The Secretary to Govt
Public Works Deptt
Fort Saint George.

the increased expenditure is necessary.
I have the honour therefore to recommend that sanction be accorded to the revised outlay of Rupees 13,190 and 1,52,304, respectively, for the works specified above. This will alter the total amount sanctioned for District XII Section II from Rupees 441,665 to Rupees 4,49,241-8-4, and will cancel the estimate amounting to Rupees 1,50,604 sanctioned in G. O. marginally noted for the works at the Goondacul station.

4. As the above works are emergently required, I have authorised the Agent to proceed with them in anticipation of the sanction of Government.

dated 22d September 1869 No 3092.

I have &c
[signature] Major R.E.
Cons: Engineer for Railways

To

Pub. Works Office

No. 165

Proceedings of the Madras Government
Under date the 14th January 1870

Read the following

From the Consulting Engineer for Railways
No. 3870 of 23rd Nov. 1869

The estimates submitted
to with this application
for sanction in detail
for works on the North
Arcot and Tanjore Branches
Mail line of the Madras
Railway are returned.

Rs. 1,85,494.

[illegible]

Pub. Works Dept.
From Consulting Engr. for Railways
No. 4925.
The Consulting Engineer
for Railways
To
The Secretary to Govt.
P. W. Dept.

Dated 25th Nov. 1869
Rec'd 29th Nov. 1869

Govt. Order
No. 3870
Estimates 3

Application
from the Agent & Chief
Engineer of the M. Ry.
requesting the sanction
of Govt. to certain
estimates on the M.
W. Line.

No. 165. 14th January 1870.

No. 3870

2-4-Dec 1869 R. Master

of the Madras Railway.

For a double 30 ft. opening in masonry at 11 Miles 28 Chains, District XII Sec II — 5613

For bridges and works required in the Goondacul Station, District XII Sec II — 1,50,604

The Superintending Engineer now submits the accompanying revised estimates of Rs 13,196 and 1,62,304 respectively, and explains that to give increased waterway to the bridge it is proposed to construct it with eight open girders instead of masonry arches, and that as regards the works at the Goondacul Station the rates provided in the original estimate have been

have been found inadequate in consequence of rocks having been met with in the cutting.

I am accordingly to request sanction to the revised estimates, and in continuation of my letter of the 8th Nov. 1869 No. 3641, to enquire whether in the event of the orders of the Govt of India above quoted being applicable to works on unopened sections of a Railway the sanction of that Government is necessary to revised or supplemental estimates of this nature, for works which were authorized by this Government

to

to be carried out on such
sections prior to the
receipt of the orders in
question

(10)

Under 1869 Pl. 11 Sec

Madras Railway
to be desiring to be
informed of the course
to be followed by the
Madras Govt in forwarding
with similar estimates

B 7503 ++

Govt. of {1869} Madras.

PUBLIC WORKS

To
The Consulting Engineer
for Railways

Dated

Rd

Ult January 1870 No 186

Nos. 316-317
(Orders)

Madras Railway - Sanctioning
orders on revised estimates
for works in Districts
XI & XII of the S. W.
Said Madras Railway.
Letter.

Works Railway Sanction
of the Govt of India
requested to revised
estimates for works
in Dists XI & XII of the
S. W. Line of the