M.R.O. 1—77,000—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. 26-27 Press
49-51 Mis.

Dated 6-1- 1872.

Not to be folded or roughly handled

No. 49. Read the following Endorsement of the Acting Consulting Engineer for Railways, dated Madras, 2nd December 1871, No. 521:—

From the Agent and Manager of the Carnatic Railway Company, to the Consulting Engineer for Railways, dated Madras, 28th November 1871, No. 268.

I HAVE the honour to send herewith another schedule of the estimate of the expenditure to March 1872, showing the sums due on account of the remuneration to the late Agent and travelling expenses of Engineers to India via Bombay separately.

2. With reference to the item for trial-pits, quarries, etc., the Chief Engineer states that he has incurred considerable expense on this account, and he deems it desirable to continue his investigations respecting river foundations; he adds that, with a view to forming an accurate estimate for the works, it will be necessary for him to ascertain the depth of foundations, the nature of the material, and the cost of delivering stone, bricks, and chunam.

3. With reference to the item for pegs and materials, the Chief Engineer reports that from 100 to 150 per mile are required, and that whilst the staff is still employed on survey, expenditure on this account must necessarily continue. Stones for bench-marks and for making permanent marks for the line have been and will be required, and the other materials are bamboos, coir rope, cloth for flags, etc., etc.

4. With reference to the item for the supply of medicines, I believe the first supply, although it exhausted the funds, did not furnish the Apothecaries with either a suitable quantity or variety of requisite medicines, and I believe that some descriptions of the medicines have been expended some time since; it was thought better, therefore, that the sanction of Government should be solicited, in the first instance, to the expenditure for a larger and more complete supply; if we are fortunate to have no epidemic in our staff, it is hoped we may not have occasion to do more than assort the supply during the next twelve months or two years.

5. With reference to the item for workmen's tools, the Chief Engineer explains that he deems it desirable to be preparing as far as possible so as to be able to commence operations as soon as the Government shall have sanctioned the plans and estimates of the line and works, and that the item for tools is so small as compared with other preliminary expenses, and that the saving of time at that stage of our proceedings will be of such advantage, that it was deemed advisable to include it in the estimate.

6. As respects drawing materials, etc., the principal portion of this item was given in detail in the indent sent home; the time which has elapsed since that indent was prepared has rendered it necessary for us to make considerable purchases of drawing paper, etc., in this country, and I believe further expenditure will be continually required until the English stores arrive, for which it is necessary to procure the sanction of Government; it is not recommended that the English order should be cancelled, as the material will all be ultimately required, and considering the time which is necessarily occupied in obtaining the sanction of the Government, it seems desirable, on the grounds of economy, that a supply for several months should always be on hand.

7. With reference to the item for stores, it has already been explained that a considerable expenditure has been incurred for boring tools, a crabb blocks, ropes and chains, which were required in connection with the boring of the rivers; and I give below, in approximate detail, a list of some of the expenses which have been incurred, and to cover this and other similar expenses the item of Rupees 5,000 has been estimated, namely,—

	RS.	A.	P.
Crabb blocks, chains, etc.	164	8	0
Boring apparatus	240	0	0
Cash chest	187	0	0
Drawing paper and materials	1,334	0	0
Sundry small stores	762	0	0

8. *Paragraph* 9.—The item for furniture was intended not only for the District Engineer's offices, but also for Inspectors, Writers, Storekeepers and others who will be engaged in connection with them.

9. With reference to paragraph 10, I explained that this item was to cover cartage as well as other contingent items, and the charge for cartage has hitherto been heavy; it may perhaps not be so heavy during the quarter ending March.

10. The item for rent was made up as under, namely,—

	RS.
Agent's Office from 1st April to 30th September, six months, at Rupees 60 per mensem	360
New Office from 1st October to 31st March 1872, six months, at 140 Rupees per mensem	840
Chief Engineer's Office at Chingleput, from 1st April to 1st October, at 28 Rupees	196
	1,396
Say	1,400

11. Since the estimate was prepared it has been ascertained that the actual rent payable will amount to Rupees 1,355, the Chief Engineer's Office rent having been from April to August at 21 Rupees a month, and during September and October 25 Rupees per month, the increase in the last two months having been in consideration of some little improvement made for his convenience.

12. With the foregoing explanations, I have only to add that if in your judgment any of these items are larger than is proper for the carrying on of our works with facility, they must be reduced; they are submitted, however, as a reasonable estimate to cover every possible requirement up to the close of the official year, and with the view to our works being carried on with facility and in conformity with the regulations and requirements of Government; as, however, the item "drawing materials" is treated in the accounts as stores, and it is separately provided for in the estimate, the item for stores may possibly without inconvenience be reduced to the extent of 2 or perhaps 3,000 Rupees; and if the general expenditure for furniture, which the Chief Engineer proposed to make rather than to buy, is to be deferred until the ensuing official year, that item may also be reduced to some extent.

Proceedings of the Madras Government, Public Works Department, 6th January 1872.

SOUTHERN EXTENSION.

Supplementary Estimate of Additional Cost of Survey to the end of the Official year:—

	RS.	A.	P.
Amount of remuneration to late Agents, not provided for in previous estimates	5,580	10	4
Travelling expenses of Engineers *via* Bombay	1,190	1	0
Establishment from 1st January to 31st March 1872, on the same scale as sanctioned, to 31st December 1871	25,386	0	0
Labour in boring, etc.	3,000	0	0
Pegs and materials	800	0	0
Medicines	1,200	0	0
Tools	2,000	0	0
Drawing materials, etc.	1,500	0	0
Stores	5,000	0	0
Furniture	3,200	0	0
Rent	1,400	0	0
Contingencies	1,743	4	8
Total...	52,000	0	0

(Signed) J. T. FISHER,
Agent and Manager.

THE Agent of the Carnatic Railway furnishes a further estimate of Rupees 52,000 for survey operations up to the end of the present official year, provision having been made in the last estimate, sanctioned as per G. O., No. 2,334 of the 14th September 1871, for the cost of establishment, etc., to the 31st December.

2. An application having been, in the first instance, made by the Agent for a grant of Rupees 50,000, several references have been made by this office, with a view to an estimate being furnished in detail; and as the explanations now given in the Agent's letter of the 28th November, do not, in my opinion, show that there is a necessity for the full amounts of the items, I recommend that the sanction of the Government of India should be obtained to the expenditure of Rupees 40,000.

3. The first three items require no comment.

Labour in boring, etc., Rupees 3,000.—In the sanctioned estimate, the provision for this item is Rupees 600; I think the demand for Rupees 3,000 more, for the period previous to 31st March 1872 is excessive, and that Rupees 1,000 will be sufficient.

For medicines.—An allowance of Rupees 200 has been given hitherto, and an indent of Rupees 186 has been submitted for sanction. I consider a further sum of Rupees 100 will be ample, and that there is no reason for a large supply being laid in.

Vide G. O., No. 2,683, dated 21st October 1871.

Tools.—The Chief Engineer, in anticipation of sanction to commence construction, asks for Rupees 2,000 for preparation of tools; but in the present stage of the survey operations, I cannot recommend that any portion of this item should be sanctioned.

Drawing materials.—As the Agent shows, in paragraph 7, that Rupees 1,334 have been already expended, and an indent for Rupees 1,227-11-4 has been sanctioned already, the item, Rupees 1,500, appears to be necessary.

Vide G. O, No. 2,704, dated 24th Oct. 1871.

Stores.—In accordance with paragraph 12 of the Agent's letter, this item may be reduced from Rupees 5,000 to Rupees 2,000; and "Furniture," Rupees 3,200, may be omitted altogether; "Rent" is corrected from Rupees 1,400 to Rupees 1,355; and Rupees 1,743-4-8 being a large sum for miscellaneous contingencies, I recommend that Rupees 788-4-8 be passed.

The estimate, as modified above, will then stand thus:—

	RS.	A.	P.
Amount of remuneration to late Agents, not provided for in previous estimates	5,580	10	4
Travelling expenses of Engineers *via* Bombay ...	1,190	1	0
Establishment from 1st January to 31st March 1872, on the same scale as sanctioned, to 31st December 1871	25,386	0	0
Labour in boring, etc.	1,000	0	0
Pegs and materials	800	0	0
Medicines	400	0	0
Drawing materials	1,500	0	0
Stores	2,000	0	0
Rent	1,355	0	0
Contingencies	788	4	8
Total...	40,000	0	0

(Signed) C. J. SMITH, Captain, R.E.,
For *Acting Consulting Engineer for Railways.*

No. 50.

ORDER THEREON, 6th January 1872, No. 26.

RAILWAY, No. 7.

ORDERED that the sanction of the Government of India be requested to the disbursement of a further sum of Rupees 40,000 under the heads shown in the estimate as revised by the Acting Consulting Engineer on account of survey operations in connection with the Carnatic Railway.

(Here enter No. 27, dated 6th January 1872.)
(True Extract.)

Colonel, R.E.,
Secretary to Government.

To the Acting Consulting Engineer for Railways.

Exd. E. C. Shunker.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *6th January* 1872.

No. 51.

No. 27.

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

RAILWAY, No. 8.

SIR,—Adverting to my letter of the 26th July 1871, No. 1,959, I am directed by the Right Honourable the Governor in Council to forward the accompanying application for a further advance for survey operations on the proposed narrow gauge line from Madras to Cuddalore *via* Chingleput with an extension to form a junction with the Great Southern of India Railway, and for the reasons given by the Acting Consulting Engineer, I am to request that the sanction of the Government of India may be accorded to the disbursement, on this account, of a sum of Rupees 40,000 under the heads shown in the estimate as revised by Major Prendergast.

2. This advance is intended to cover expenditure in connection with the survey for the three months ending 31st March 1872.

I have the honour to be,
Sir,
Your most obedient servant,

Colonel, R.E.,
Secretary to Government.

Exd. E. C. Shunker.

The Agent of the Carnatic Railway furnishes a further estimate of 16: 52,000, for survey operations upto the end of the current official year: the provision having been made in the Calendar sanctioned under G.O. No 2834 of the 11th September 1871, for the cost of establishment, &c., to the 31st December.

2. On application having been made by the Agent for a grant of Rupees 50,000, towards the second Chain being made by this Office, with a view to an estimate being furnished

furnished in detail; and as the explanations now given in the Agent's letter of the 28th November, do not in my opinion show that there is a necessity for the full amount of the items; I recommend that the sanction of the Government of India should be obtained to the expenditure of Rs: 10,000.

2. The first three items require no comment.

"Labour in sinking &c Rs: 3000". In the estimated calendar, the provision for this item is Rs: 600, whilst the demand for Rs: 3000 more, for the period previous to 31st March 1872, is excessive, and that Rs: 1000 will be sufficient

Vide G Gen 2633 of 21 Oct 1871.

sufficient. "For Quarters an allowance of Rs: 200 has been given hitherto; and an indent of Rs: 186 has been submitted for sanction. I consider a further sum of Rs: 400 will be ample, and that there is no reason for a large supply being laid in.

"Tools." The Chief Engineer in anticipation of sanction, has commenced construction as far as for Rs: 2,000 for preparation of tools; but in the present stage of the Survey operations, I cannot recommend that any portion of this item should be sanctioned.

"Drawing Materials". As the Agent states in para 7 that Rs: 1,334 have been already

expended

expended, and an indent for
Rs: 1,227-11-4 has been sanctioned
already; the item Rs: 1,500 ——— Vide Cons. 926 dated
appears to be necessary. Some
in accordance with para 12 of
the Agents letter, this item
may be reduced from Rs: 5,000
to Rs: 2,000; and furniture
Rs: 3,200 may be omitted altogether.
"Cant" is corrected from Rs: 1,100
to Rs: 1,355; and Rs: 1,143-4-8.
being a large sum for miscellaneous
contingencies, I recommend that
Rs: 788-4-8 be passed.
The estimate as modified
above will then stand thus:-

Amount of remuneration to Cole Agents not provided for in previous estimates	5,580-
Travelling expenses of Engineers viâ Bombay	1,190-1-
Establishment from 1st January to 31st March 1852 on the same scale as sanctioned to 31st December 1851	25,38b-...
Labour in Mining &c	1,000-...
Pegs and Materials	800-...
Medicines	400-...
Drawing Materials	1,500-...
Stores	2,000-...
Cant	1,355-...
Contingencies	788-4-8
Total Rupees	40,000-...

Madras
2nd December
1851

Captain RE
for Secy: Govt: Supt: of Railways
&c
The Secretary to Government
Public Works Department
Fort Saint George

Public Works Department

Proceedings of the Madras Government

Madras dated the 5th January 72.

Read the following Minute.

From

The Hon'ble Chancellor

Dated 22nd December 1871

Ordered that the Communication of the Government of India be requested to the disbursement of a further sum of Rupees 4,000 — under the heads shown in the estimate as revised by the Acting Consulting Engineer for Railways.

Engineer on account of Survey operations in connection with the Carnatic

No 49

29th Dec/71 R. 12

Public Works 1871 Department.

Proc: of Govt for January

No 5 to 7 & 1

From

The Consulting Engineer
for Railways,

To

The Secretary to Government,
P. W. Department,
Fort St. George.

Dated 22 December 1871

Received 4

Rec: 21

No. 521

Submitting Colls
from the Agent East C
ruelle an Estimate fo
further expenditure
for the Survey of
Nos 26-27- Daily

Carnatic Railway.

A. C. No 27 of

To The Consg Engr for Railways.

To

The Secretary to the
Government of India.

Sir,

Adverting to my letter of the 26th July 1871 No 1959. I am directed by the Right Honorable the Governor in Council to forward the accompanying application for a further advance for Survey operations on the proposed narrow-gauge line from Madras to Cuddalore via Chingleput with an extension to form a junction with the Great Southern of India Railway

Railway, and, for the reasons given by the Actg Consulting Engineer, I am to request that the sanction of the Government of India may be accorded to the disbursement, on this account, of a sum of Rupees 40,000 under the heads shown in the estimate as revised by Major Prudergast.

This advance is intended to cover expenditure in connection with the Survey for the 3 months ending 31st March 1872.

Desp. 8/1/72 with Bill
of Exg. 26 of 1872.

No. 5741.

Govt. of {1871} Madras.

PUBLIC WORKS.

To Secty Consulting Engr for Railways and. To Hid Secretary to the Govt of India

Date

Recd. Encl. 2

G. O. 6 Jany 1872. No. 26-27.

Orders No. 49-50 51

Carnatic Railway. Copies orders in the application from the Engineer for Rly. Requesting sanction to a further expenditure on account of Surveys Operations in connection with the Carnatic Railway.

Letter

Requesting sanction to a further expenditure on account of the Surveys Operations of the Carnatic Rly.