

(1) Number of pages _____

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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE

Government of Madras

Public Works

DEPARTMENT

G.O. No. 1374 (Ry) Press
B.P. No. — Mis. —

Dated 23-4-1877.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
23rd April 1877. No. 1,374.*

No. 515. Read the following endorsement of the Consulting Engineer for Railways, dated Madras, 12th April 1877, No. 221 :—

From W. S. BETTS, Esq., Agent of the South Indian Railway, to Lieutenant-Colonel J. H. M. SHAW-STEWART, R.E., Consulting Engineer for Railways, dated Negapatam, 4th April 1877, No. 3,038.

I FORWARD herewith in triplicate an indent (No. 139) upon the Board of Directors for 10 miles of iron rails (40·3 lbs. per yard or a total weight of 633½ tons), to which I have to recommend that the sanction of Government be obtained. *

The Acting Chief Engineer has made application for these rails upon the following grounds :— “I find by an examination of the clearance certificates of all ships which have brought out permanent-way stores, that materials of the various kinds have been received sufficient to lay the following lengths :—

	MS. CHS.
“ Rails	479 64
“ Sleepers	498 26
“ Fish plates	511 32
“ Fang bolts	490 51
“ Fish	504 70
“ Spikes	518 56

“I estimate that the total length of main line and sidings for which metre gauge materials will be required is 471 miles 14 chains. In this total is included the following :—

- “ Sidings at Terminal Station, Madras.
- “ Branches to the Harbour Works, Madras, and to quarries at 15 miles.
- “ Sydapet Salt Siding.
- “ Tuticorin do.
- “ Sidings at all trial stations yet proposed.
- “ Do. at Trichinopoly Fort Station.

“It will be seen from the above that the quantity of rails received in this country is in excess of our estimated requirements by 8 miles 50 chains, or by about 1¾ per cent., and that the excess of all the other classes of materials is much greater.

“I am not yet in a position to state with any degree of certainty this percentage of wastage, but I anticipate that this will in the case of the rails just be met by the excess receipt, and that no balance will be available for the renewal or for additions to sidings when such may be found necessary. I think therefore that the Home Authorities should be asked to send out a further quantity of 633 tons equal to 10 miles of rails. The balance on hand of all the other materials will I estimate meet our requirements for a long time to come.”

SUBMITTED for the sanction of the Government of India.

2. With the above letter the Agent, South Indian Railway, submits an indent for 10 miles of metre gauge (14·3 lbs.) iron rails, to be kept in stock in order to provide for additional sidings, renewals, &c. It is explained that, after providing for all present requirements, a balance of 8 miles 50 chains remains on the total quantity received in India; and the Chief Engineer estimates that this will only be

*Proceedings of the Madras Government, Public Works Department,
23rd April 1877. No. 1,374.*

sufficient to provide for wastage in laying, weighting cylinders, &c. It is considered advisable, therefore, to obtain a further supply, and I recommend this indent for sanction. It might be well to leave to the London Board the option of sending out iron or steel rails as may appear desirable to their Consulting Engineers on a consideration of the relative prices. An indent for 50 tons of steel rails as an experiment was submitted with this office No. 201, dated 28th March 1877.

(Signed) J. H. M. SHAW-STEWART, Lt.-Col., R.E.,
Consulting Engineer for Railways.

No. 516. ORDER THEREON, 23rd April 1877, No. 1,374.

RAILWAY, No. 71.

ORDERED to be forwarded to the
Government of India.

(Here enter No. 1,375, dated 23rd April 1877.)

(True Extract.)

Lieut.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, 23rd April 1877.

No. 517.

No. 1,375.

FROM

THE JOINT SECRETARY TO THE GOVERNMENT OF MADRAS,

Public Works Department, Railway Branch,

TO

THE SECRETARY TO THE GOVERNMENT OF INDIA,

Public Works Department.

RAILWAY, No. 71-A.

SIR,—I am directed to forward here-
with an indent for 633 tons of metre gauge
rails for the use of the South Indian
Railway, and to request the sanction of the Government of India for its transmission
to the Board of Directors for compliance.

2. It is proposed to leave to the Board the option of sending steel or iron rails
as may appear desirable to their Consulting Engineers on consideration of the relative
prices.

I have the honor to be,

Sir,

Your most obedient servant,

Lieut.-Col., R.E.,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

Exd. A. Grubert.
Spare Copies

No 1375 of 23 April 1877. W. Dept.

For the Secy. to the Govt. of India

The Secy. to the Govt. of India

W. Dept.

For the Secy. to the Govt. of India

I am directed to forward herewith an indent for 633 tons of metre gauge ~~iron~~ rails for the use of the S. I. Ry. and to request the sanction of the Govt. of India for its transmission to the Board of Directors for

Compliance.
 It is proposed that
 the substitution
 of steel for iron be
 left to the option
 of the Board.
 It is proposed to leave
 to the Board the option of
 sending steel or iron
 rails as may appear
 desirable to their Consulting
 Engineers on consideration
 of the relative prices.

W. C.

From
 THE AGENT.

By order of the Chief Engineer for Railways
 21st May

Please attend to
 correction on the 1st
 page of L.O. No. 1374
 dated 23rd April 1887
 (14.3) into (40.3) and
 tell Raghavulu to
 correct all the spare
 copies of the said L.O.
 Mr. Doyle desired me to

be herewith in triplicate, and
 on the Board of Directors for line
 40.3 the per yard is a total
 to which I have to recommend
 Government to obtain
 Chief Engineer has made
 on rails upon the following grounds
 examination of the clearance
 ships which have brought out
 stores, that fractional of the
 been received sufficient to lay

to	479	-	54
	498	-	26
Fish plates	511	-	32
Lang bolts	490	-	51
Nails	504	-	70
Spikes	518	-	56

"I estimate that the total length of main line and
 sidings for which substructure materials will be required is
 471-14 In this total is included the following
 Sidings at Terminal Station
 Branches to the Norton works material and to Gunder at 15 miles
 Sidings at Sittampudi
 Sidings at all the other stations yet proposed

No.

GREAT SOUTHERN OF INDIA RAILWAY.

AGENTS OFFICE,

NEGAPATAM,

186

From

THE AGENT,

Great Southern of India Railway,

To

SIR,

²
"Laying at Buckingham Palace Station"

"It will be seen from the above that the quantity of
"rails secured in this country is in excess of our estimated
"requirements by 8-50 or by about 1 1/4 % and that the
"excess of all the other classes of materials is much greater
"I am not yet in a position to state with any degree
"of certainty this percentage of wastage, but I anticipate
"that this will in the case of the rails just be met by
"the excess receipt and that no balance will be available
"for the removal or for addition to stock when such
"may be found necessary. I think therefore that the same
"authorities should be asked to send out a further quantity
"of 633 tons - 10 miles of rails. The balance on hand of all
"the other materials will I believe meet our requirements
"for a long time to come"

I have the honor to be

Sir

Yours most obedient servant

W. J. J. J. J.

Agent

W.D.
3 APR 77
3844

PUBLIC WORKS DEPARTMENT,
Railway Branch.

Consulting Engineer's Office,
Madras, 12 April 1877

Letter from Agent, South Indian
Railway No 3038, dated 4th April
1877

No. 221

SUBMITTED

for the sanction of the Government of
India.

2. With the above letter the Agent,
South Indian Railway, submits an in-
dent for 10 miles of metre gauge
14-3 lbs iron rails, to be kept in stock
in order to provide for additional sidings,
renewals, &c. It is explained that,
after providing for all present require-
ments, a balance of 8 miles 50 chains
remains on the total quantity received
in India; and the Chief Engineer
estimates that this will only be suf-
ficient to provide for wastage in
laying

of 0.25 April 77, No. 515.
for the Agent
for the South Indian
Railway
No. 3038
for the Agent
for the South Indian
Railway
No. 3038
for the Agent
for the South Indian
Railway
No. 3038

laying, weighting cylinders, &c. It is
 considered advisable therefore to obtain a
 further supply and I recommend this
 indent for sanction. It might be well
 to leave to the London Board the
 option of sending out iron or steel rails,
 as may appear desirable to their consult-
 ing Engineers in a consideration of
 the relative prices. An indent for 50
 tons of steel rails as an experiment was
 submitted with this office No 201 dated
 28th March 1877.

P.W.D.
 13 APR 77
 No 3844

The Comr. Engrs for Rly
 dated 12th April 1877
 No 221
 Encl. 3

Mantworth

W. H. R. E.

Comr. Engrs for Railways

G.O. 23rd April 77 No 515

13.4.77

P. W. DEPARTMENT.

READ the following:—

From The Comr. Engineers for Railways
 No 221 of 12th April 1877

FOR ORDERS.

Sanction
 13th

Mantworth

Lieut Col, R.E.,
 Joint Secretary to Genl. Dyf. Branch

103841

Gobt. of (1877) Madras.
PUBLIC WORKS.

FOR ORDERS.

To *The Comr. Engrs. for Madras*

Dated

Issued

Recd.

Encl.

addition made 9/5/77

G. O., 23 April 1877, No. 1374/75

W. Nos. 515-516-517

Indent. for rails for use on the South Indian Railway line, forwarded to the Govt. of India.

Quarantine for sanitary on Indent on the South Indian Railway line.

20 SC for CE
Engrs. for Madras

PJ
No. 1374 d/23 April 77
Ordered to be forwarded to the Govt. of India.

(No. 1375 d/23 April 77)
Copy of the above forwarded to the Govt. of India for sanction

W.
Drop to Govt. of India with one Indent & sketch - 22. 5. 77
C/o. for Mys.