

G.O., dated 25th July 1890, No. 1067 R., Public Works.

Read again the following paper:—

G.O., dated 25th June 1890, No. 920 R., Public Works.

Read also the following paper:—

From the Consulting Engineer for Railways, dated Madras, 18th July 1890, No. 507.

From the Engineer-in-Chief, East Coast Railway Survey, dated Waltair, 11th July 1890, No. 1210/17.

Submitted to Government with reference to para. 2 of G.O., No. 920 R., dated 25th June 1890.

2. The Engineer-in-Chief, East Coast Railway Survey, reports that he will require substitutes in place of Lieutenants Waghorn and Kincaid in case they are transferred.

Order—dated 25th July 1890, No. 1067 R., Public Works.

Ordered to be forwarded to the Government of India with reference to para. 2 of its letter No. 1564 G., dated 14th June 1890.

(Here enter No. 1068 R., dated 25th July 1890.)

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 25th July 1890, No. 1068 R., Public Works.

Forwarded.

(By Order.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

G.O., dated 30th July 1890, No. 1105 R., Public Works.

From the Consulting Engineer for Railways, dated Madras, 21st July 1890, No. 510.

From the Agent, South Indian Railway, to the Consulting Engineer for Railways, dated Trichinopoly, 19th July 1890, No. 1006.

[Your letter No. 705 of the 11th instant.]

The Chief Engineer has reported to me as follows:—

"The officers placed available for transfer in my No. 643 of 18th April 1890 are—

Mr. C. A. Bull, Executive Engineer,	1st grade, from	30th June 1890.
" H. G. F. Smith	3rd " from	" "
" B. P. Bosu	" 3rd " from	" "
" A. Penny	" 1st " from	" "
" A. Sprenger	" 1st " from	" "

"Lieutenant Burn, R.E., is a young Assistant Engineer who is now working in Sub-division charge under Major White, R.E., and I should regret to be obliged to remove him, especially as the officers advised for transfer are all much senior to him, and I have no officer of a suitable standing to replace him. I should be glad, therefore, if one of the officers named in my list can be selected in place of Lieutenant Burn."

Will you please let me know if, after this representation, Government still desire that Lieutenant Burn should be transferred.

Submitted for the orders of Government with reference to G.O., No. 970 R., dated 8th July 1890.

2. Lieutenant J. M. Burn, R.E., has been detailed for transfer to the Zhob Valley Railway Survey.

Order—dated 30th July 1890, No. 1105 R., Public Works.

Ordered to be forwarded for the orders of the Government of India with reference to its letter No. 1662 G., dated 23rd June 1890.

(Here enter No. 1106 R., dated 30th July 1890).

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 30th July 1890, No. 1106 R., Public Works.

Forwarded.

(By Order.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following papers:—

From the Under-Secretary to the Government of India, Public Works Department (General), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Simla, 12th August 1890, No. 2164 G.

With reference to Public Works Department letters Nos. 1564 G., dated 14th June 1890, and 1662 G., dated 23rd June 1890, I am directed to say that Lieutenants Waghorn and Kincaid, R.E., are not now required for employment on the Zhob Valley Railway Survey.

2. Referring to your No. 1106 R., dated 30th July 1890, on the subject of the transfer of Lieutenant Burn, R.E., to the Zhob Valley Survey, I am to say that the Government of India desires to employ only Royal Engineers on this survey and therefore none of the officers named by the Agent, South Indian Railway, can be employed and the present orders must be allowed to stand.

3. I am to add that Lieutenant Burn is required to take up his duties at the end of the current month, and he should obtain orders regarding his destination and equipment from the Engineer-in-Chief of the Survey, Major Scott, R.E., who is now at Simla.

Telegram from the Secretary to the Government of India, Public Works Department, to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Simla, 16th August 1890, No. G. 375.

Public Works letter No. 2164 G. of twelfth instant. Lieutenant Burn is not required until October 30th. Please instruct him accordingly.

G.O., dated 25th July 1890, No. 1067 R., Public Works.

Read again the following paper:—

G.O., dated 25th June 1890, No. 920 R., Public Works.

Read also the following paper:—

From the Consulting Engineer for Railways, dated Madras, 18th July 1890, No. 507.

From the Engineer-in-Chief, East Coast Railway Survey, dated Waltair, 11th July 1890, No. 1210/17.

Submitted to Government with reference to para. 2 of G.O., No. 920 R., dated 25th June 1890.

2. The Engineer-in-Chief, East Coast Railway Survey, reports that he will require substitutes in place of Lieutenants Waghorn and Kincaid in case they are transferred.

Order—dated 25th July 1890, No. 1067 R., Public Works.

Ordered to be forwarded to the Government of India with reference to para. 2 of its letter No. 1564 G., dated 14th June 1890.

(Here enter No. 1068 R., dated 25th July 1890.)

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 25th July 1890, No. 1068 R., Public Works.

Forwarded.

(By Order.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

G.O., dated 30th July 1890, No. 1105 R., Public Works.

From the Consulting Engineer for Railways, dated Madras, 21st July 1890, No. 510.

From the Agent, South Indian Railway, to the Consulting Engineer for Railways, dated Trichinopoly, 19th July 1890, No. 1006.

[Your letter No. 705 of the 11th instant.]

The Chief Engineer has reported to me as follows:—

"The officers placed available for transfer in my No. 643 of 18th April 1890 are—

Mr. C. A. Bull, Executive Engineer,	1st grade, from	30th June 1890.
" H. G. F. Smith	3rd " from	" "
" B. P. Bosu	" 3rd " from	" "
" A. Penny	" 1st " from	" "
" A. Sprenger	" 1st " from	" "

"Lieutenant Burn, R.E., is a young Assistant Engineer who is now working in Sub-division charge under Major White, R.E., and I should regret to be obliged to remove him, especially as the officers advised for transfer are all much senior to him, and I have no officer of a suitable standing to replace him. I should be glad, therefore, if one of the officers named in my list can be selected in place of Lieutenant Burn."

Will you please let me know if, after this representation, Government still desire that Lieutenant Burn should be transferred.

Submitted for the orders of Government with reference to G.O., No. 970 R., dated 8th July 1890.

2. Lieutenant J. M. Burn, R.E., has been detailed for transfer to the Zhob Valley Railway Survey.

Order—dated 30th July 1890, No. 1105 R., Public Works.

Ordered to be forwarded for the orders of the Government of India with reference to its letter No. 1662 G., dated 23rd June 1890.

(Here enter No. 1106 R., dated 30th July 1890).

(True Extract.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Endorsement—dated 30th July 1890, No. 1106 R., Public Works.

Forwarded.

(By Order.)

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Read also the following papers:—

From the Under-Secretary to the Government of India, Public Works Department (General), to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Simla, 12th August 1890, No. 2164 G.

With reference to Public Works Department letters Nos. 1564 G., dated 14th June 1890, and 1662 G., dated 23rd June 1890, I am directed to say that Lieutenants Waghorn and Kincaid, R.E., are not now required for employment on the Zhob Valley Railway Survey.

2. Referring to your No. 1106 R., dated 30th July 1890, on the subject of the transfer of Lieutenant Burn, R.E., to the Zhob Valley Survey, I am to say that the Government of India desires to employ only Royal Engineers on this survey and therefore none of the officers named by the Agent, South Indian Railway, can be employed and the present orders must be allowed to stand.

3. I am to add that Lieutenant Burn is required to take up his duties at the end of the current month, and he should obtain orders regarding his destination and equipment from the Engineer-in-Chief of the Survey, Major Scott, R.E., who is now at Simla.

Telegram from the Secretary to the Government of India, Public Works Department, to the Joint Secretary to the Government of Madras, Public Works Department, Railway Branch, dated Simla, 16th August 1890, No. G. 375.

Public Works letter No. 2164 G. of twelfth instant. Lieutenant Burn is not required until October 30th. Please instruct him accordingly.

ORDER—dated 21st August 1890, No. 1240 R., Public Works.

Forwarded to the Consulting Engineer for Railways for communication to the officers concerned through the usual channels.

2. The following telegram will be despatched to the Engineer-in-Chief, East Coast Railway Survey:—

“G.O., 920 R., 25th June, and your letter 1210 by 17, 11th July. Transfer of Lieutenants Waghorn and Kincaid to Zhob Valley Railway Survey cancelled by India.”

(True Extract.)

Major, R.E.,
Under-Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
" Examiner, Public Works Accounts.
" Examiner, Guaranteed Railway Accounts.

Exd. J. Mosea,
Spare Copeis

RAILWAY.
Govt. of {1890} Madras.
PUBLIC WORKS.

Dated August, 21st.

Recd.

Encl.

G.O., 21st Aug. 1890, No. 1240 R.

AUGUST.

Lieutenants Kincaid, Waghorn
and Burn, R.Es.

Letter from the Government of India
cancelling the instructions for the transfer
of the two former and confirming those for
the transfer of Lieutenant Burn, R.E., to the
Zhab Valley Railway Survey, communicated
to the Consulting Engineer for Railways.

All communications
should be addressed to
the Secretary.

No. 15649

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

To,
The Secretary to the Government of Madras,
Public Works Department.

Sindia the 14 June 1890

Sir.

I am directed to say that the services
of Lieut. Waghorn and Kincaid R.E. will be
required for the Zhab Valley Railway Survey
at the end of August, and to request
that they may be warned to hold themselves
in readiness for transfer.

2. I am to enquire whether substitutes
will be required in their places.

I have the honour to be,

Sir,

Your most Obedient Servant-

G. H. Walker

Under Secy to the Govt of India

Documents accompanying
No. 15649

I.W.C. No. 6136.

2 P
B. 920 R of 25 June 1890

Forwarded to the
Consulting Engineer for
Railways for communication
to the Engineer-in-Chief
East Coast Railway Survey.

2. The information required
in para 2 should be obtained
and submitted to Government.

Recd
23-6-90 W for R.

The Comdant for Rzd

" Engr. P. O. A. C. S. 18/6/90

21/6
23/6 R 24. 6. 90

All communications
should be addressed to
the Secretary.

No. 1662 G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

To

The Joint Secretary to the Government of Madras
(Railway Branch) Public Works Department

Simla the 23rd June 1890.

Sir,

In continuation of this office no.
1564 G dated the 14th instant, I am directed
to state that the services of Lieutenant
J. M. Burn, R.E. Assistant Engineer 2nd
grade, will be required on the Ghob Valley
Railway Survey at the end of August
next, and to request that he may be
made available for transfer in preference
to other officers who have been reported as
about to become surplus on the Villupuram
Guntakul State Railway.

2.

I am further to request that

Lieutenant

PWC 6141.
Lieutenant Burn may be warned to hold himself in readiness for transfer.

I have the honour to be,
Sir,

Your most obedient servant,

G. Walke

Under Secretary to the Govt of India

Oct

Documents accompanying

No. 970 R 78 July 190.

Communicated to the
Consulting Engineer for Rail

ways in continuation of Pres.

No. 920 R, dated 25th June 1890

for communication to the
Agent, South Indian Railway.

J. 5/7/10

The Consulting Engineer for Rys.

Exec. South Ry. Act.

1/7/10

1/7/90.

Adm. 3/7

R 5-7-90

No. 1210

17

WALTAIR,

July 11th 1890

From

THE ENGINEER-IN-CHIEF,
EAST COAST RAILWAY.

To the Consulting Engineer
for Railways
Madras.

Sir,

In reply to the 2nd para of
your No. 1373 dated 3rd Instant,
I have the honor to state, that if
Lieutenant Waghorn and Lieutenant
Kincaid are transferred, I shall
require substitutes in their places.

I have the honor to be

Sir,

Your most obedient servant

J. B. Walker

Engineer-in-Chief E.C.R.

Subject.—

Chief, East Coast Rail-
way Survey, reports that
he will require substi-
tutes in place of Lieute-
nants Waghorn and
Kincaid in case they
are transferred.

Siddingsmith

For Off. Comm. Engrs. Major R.B.
for C.E.

P.W.C. No. 6141

Lieutenant Burn may be warned to hold himself in readiness for transfer.

I have the honour to be,
Sir,

Your most obedient servant,

G. K. Walke

Under Secretary to the Govt of India

CC

Documents accompanying
nil

No. 970 R 48 July 1890.

Communicated to the
Consulting Engineer for Rail-
ways in continuation of Proo:
No. 920 R, dated 25th June 1890
for communication to the
Agent, South Indian Railway.

J. S. L. 110

The Consulting Engineer for Ryo:
Exec. South Ry: Act.
1900/11/14

50
FORM No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,
Madras, 18th July 1890.

Quoted

Letter from the Engineer-in-Chief
East Coast Railway Survey, No. 1210/17,
dated 11th July 1890.

No. 507

SUBMITTED

10

Government, with

Put up with 970 R 587-90
sent to C. S. on the 12-7-90

7 P
works in full

reference to para 2 of G. 6.
No. 920 R, dated 25th June
1890.

2. The Engineer-in-
chief, East Coast Rail-
way Survey, reports that
he will require substi-
tutes in place of Lieute-
nants Waghorn and
Kincaid in case they
are transferred.

Subject.—

Seeling Smith

for Off. Comm. Engr. Major R. B. for C. S.

1/7/90.
12-7-90

P.W. No. 6807

From

THE CONSULTING ENGINEER

FOR RAILWAYS,

MADRAS,

No 920 R. 25.6.90.

No.

507

Dated

18th

Received

19

July

1890

No. of ENCLOSURES.

Subject.

Reporting that Substⁿ
 2 tubes will be required in
 the place of Lts Kuicaid
 & Waghorn in case they
 are transferred

0
 19/7
 228.7.90
 25/7 R 25.7.90

R

B

No 1067 R

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 25th July/90.again
READ the following

already quoted
 for 25/7/90

Progs. of the Madras
 Govt. P.W. Deptt. —

H.E. No. 920 R of 25th June 1890Read also the following.

Endorsement from
 the Consig. Engrs for Rys.

H.E. No. 507 of 18th July 1890

Ordered to be
 forwarded to the Govt. of
 India with reference to para
 2 of its letter No. 1564 of
 14th June 1890.

H.E. No. 1068 R of 25th July 1890

Forwarded

Info despatch to India
 25/7/90.

H
 27/7 R

No 1006

South Indian Railway,

AGENT'S OFFICE,

TRICHINOPOLY, 19th July 1890.

From

The AGENT,

SOUTH INDIAN RAILWAY,

To

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

Sir,

Your letter No. 705 of the 11th instant.
The Chief Engineer has reported to me as follows:-

"The officers placed available for
transfer in my No. 643 of 18.4.90 are.

" Mr. C. A. Bull, Executive Engineer 1st grade from 30.6.90.

" " H. F. F. Smith " " 3rd " " 30.6.90

" " B. P. Boon " " 3rd " " 30.6.90

" " A. Penny " " 1st " " 30.6.90

" " A. Spranger " " 1st " " 30.6.90

" Lt. Burn R.E. is a young assistant Engineer
who is now working in Sub Division Charge under
Major White R.E. and I should regret to be obliged
to remove him especially as the officers advised for
transfer are all much senior to him and I have no
officer of a suitable standing to replace him. I
should be glad therefore if one of the officers named
in my list can be selected in place of Lt. Burn."

Will you please let me know if, after this re-
presentation, Government still desire that Lieutenant
Burn should be transferred.

I am, Sir,

Your most obedient servant
William Betts
Agent.

B

No 1064-63 R 25 July 1900.

22/7/1900

add. 19/7

add. 25/7

R 25.7.90

REGISTER
 No. 938
 FILE
 NR

PW *Recd*
 6897/90

Copy
 Dated 19th July 1890.
 Received 21.7.90
 No. 1906
 ENCLOSURE

From
 THE AGENT,
 South Indian Railway,
 Trichinopoly.
 To
 THE CONSULTING ENGINEER FOR
 RAILWAYS,
 Madras.

*See
 Refer to put up
 etc*

Form No. 1.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 21st July 1890.

Print
 Letter from the Agent South
 Indian Railway, No. 1006 dated
 19th July 1890.

No. 510

SUBMITTED for the orders of Government,

11.8

*sent to Govt on the
 12.7.90*

Print

with reference to G. O.
 No. 940 R, dated 8th
 July 1890.

Impress

2. Lieut. J. M. Burne
 R. E. has been detailed
 for transfer to the
 Ghob Valley Railway
 Survey.

Subject.—

Sidney Smith

Major R. E.
 for Off. Commr. Insp. for R.

W. H. L.

Form No. 3.

B. No. 1105 R 27.30 July 190

120

J.A. 27/7/0

Ordered to be forwarded for the orders of the Government of India with reference to its letter No. 16628 dated 23rd June 1890.

H.O. No 1106 R 27.30 July 1890

Forwarded

Inf despts to India
30/7/90.

W.
H.R.

P.W. C. No. 6897

From

THE CONSULTING ENGINEER
FOR RAILWAYS,
MADRAS,

No. 510

Dated 21st
Received 22 } July 1890

No. of ENCLOSURES. 1

Subject.

Submitting for the orders of Government letter from the Agent S. I. Ry. relating to the transfer of Lieut J. H. Burn R.E. to Zhab Valley Railway Survey.

B.
No. 1105 R 27.30 July 190
1106

22/7
22/7
20.7.90
21.8.90

All communications should be addressed to the Secretary.

No. 2164 G.

GOVERNMENT OF INDIA.

PUBLIC WORKS DEPARTMENT.

GENERAL.

To,

The Joint Secretary to the Government of Madras
Public Works Department
(Railway Branch)

Simla, the 12th August 1890.

Sir,

With reference to Public Works Department letters No. 1564 G. dated 14th June 1890 and 1662 G. dated 23rd June 1890, I am directed to say that Lieutenants Waghorn and Kincaid R.E. are not now required for employment on the Zhab Valley Railway Survey.

2. Referring to your No. 1106 R. dated 30th July 1890 on the subject of the transfer of Lieutenant Burn R.E. to the Zhab Valley Survey I am to say that the

Government

Doc No 8067

Government of India desires to employ only Royal Engineers on this survey and therefore none of the officers named by the Agent South Indian Railway can be employed and the present orders must be allowed to stand.

3. I am to add that Lieutenant Burn is required to take up his duties at the end of the current month and he should obtain orders regarding his destination and equipment from the Engineer in Chief of the Survey Major Scott R.E. who is now at Simla.

I have the honour to be
Sir,
Your most obedt. servant

G. H. Walker

Under Secy. to the Govt. of India

Documents accountg. bdb
- Nil -

Oct 12/90

A

No 1240 R

PUBLIC WORKS DEPARTMENT,
RAILWAY BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

11th Oct-90

Code Class.		INDIAN		TELEGRAPHS.		Number.	
To	From	Words	Day	Hour	Minute	Official Instructions	Depd.
Madras	Simla	32/11	16	18	26		
To	From						
Madras	Works						

G. 375 public works letter number 2164 of twelfth instant Lieutenant Burn is not required until October 30th please instruct him accordingly

Word Form.

Not yet received
Madrass Office
18-8-90

Recd
18/6/90

Recd. from	LN.	Sent to	LN.		
At	Itm.	Mts. by	At	Itm.	Mts. by
MADRAS 17-8-90					
G. W. Allen & Co. N. 100 1-1311-54-15 700					
Telegraph Master.					

Reports to be made daily from 18/8/90

the Engineer in Chief
Coast Railway Survey

G. O. 920 R 25 June
and your letter 1210 by 17
November July transfer of Lieutenant
Waggon and Kincaid to the
Valley Railway Survey com-
menced by India."

W
Ry: R

A

No 1240 R 21st Aug 90

To The Comptroller for Rys
- Expt. P. W. acco:
- do - G. P. Ry. acco:
28/9
29/9

old. 18/8
17th. 20/8 R 21/8

James J. H. Barton C.S.D.

Telegram dated 21-8-90

16

8067.

Govt. of Madras.

PUBLIC WORKS.

Dated

Recd.

Encl.

G.O., 21st Aug 90, No. 1240 R.

Lt's Kincaid, Waghorn
+ Brown R.E.s

Letter from the Govt
Cancelling the notices
for the transfer of the
two former & confirming
those for the transfer
of Lt Brown R.E. to the
Kob Valley Railway
Survey Command to the
Chief Rys.

8/3

22/8/90 22/8/90

21st AUGUST 1890, No. 1236 R., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read again the following paper:—

G.O., dated 27th June 1890, No. 930 R., Public Works.

Read again the following paper:—

G.O., dated 2nd April 1890, No. 464 R., Public Works.

Read again the following paper:—

G.O., dated 13th March 1890, No. 359 R., Public Works.

Read again the following papers:—

G.O., dated 11th January 1890, No. 31 R., Public Works.

From the Consulting Engineer for Railways, dated Madras, 8th January 1890, No. 9.

From the Agent, South Indian Railway, to the Consulting Engineer for Railways, dated Trichinopoly, 2nd January 1890, No. 3.

Referring to your letter, No. 851, of the 19th September 1889, I beg to forward, herewith, proposals regarding the Pennér bridge on the Villupuram-Guntakal Railway, together with three drawings, and I shall be obliged by your communicating to me early orders of Government thereon.

ENCLOSURE.

VILLUPURAM-GUNTAKAL STATE RAILWAY.

Proposals for Bridging the Pennér river near Pamidi.

The river Pennér takes its rise in the Mysore territory within about twenty-five miles of Bangalore and from its source to the proposed

* About 24 miles south of Guntakal.

crossing* of the Villupuram-Guntakal Railway, it traverses about 130 miles measuring along its general direction without following all its windings. The drainage basin has an average width of about twenty-five miles and an area of 2,835 square miles, as shown on the accompanying map.† From this it will be seen that the basin is long and narrow, the river being fed from hilly sides, which, it may be assumed, discharge into the main channel with considerable rapidity.

† No. 59.

2. Examinations of and investigations in connection with the river crossing were conducted under Mr. Lambert‡ who prepared the project for the Hindupur extension, of which the Dharmavaram-Guntakal section forms the

northern part, and a bridge of fifteen 100 feet girder spans was proposed and included in his estimates, but further study and investigations point to a larger provision of waterway being necessary.

3. It seemed to me possible, when inspecting the locality, that a better crossing could be obtained about half a mile higher up the river, when it is hemmed in by a high rocky hill on the southern bank, but further consideration leads me to recommend adherence to Mr. Lambert's original proposal, which was, I understand, approved by Sir Guilford Middlesworth as on the