Proceedings of the Madras Government, Public Works Department, *15th September* 1873.

No. 200. Read the following despatch from the Right Honourable the Secretary of State for India:—

Public Works.
No. 10.

India Office, London,
31st July 1873.

My Lord,—It has been customary for some time past to permit Officers of Her Majesty's Indian Engineers, and other Officers of the Indian Public Works Department, while on furlough, to visit, at the public expense, Engineering Works in the United Kingdom, one condition attached to this privilege being that they should send into this Office a Report or Paper of Notes on the works examined by them.

2. Upon only a few occasions have these reports been forwarded to India. With the view, however, of advantage being taken of any useful information that they may contain, I have determined that, for the future, such reports shall always be sent out to the Local Government under which their authors may be serving.

3. Six copies of the revised rules under which officers are permitted to travel at the public expense whilst visiting works in this country accompany this despatch.

I have, &c.,
ARGYLL.

His Excellency the Right Honourable
The Governor in Council, Fort St. George.

Terms on which Officers of Her Majesty's Indian Engineers and other Officers of the Indian Public Works Department will, while on furlough, receive permission to visit, at the public expense, Engineering Works in the United Kingdom.

An Officer must state beforehand what particular works he proposes to visit. After completing his tour of inspection, he must send to the Secretary of State for India in Council, for transmission to the Local Government under which he is serving, a Report or Paper of Notes on the works examined by him, embracing more especially his views as to the applicability to India of works of a similar description.

The report must be accompanied by a statement in detail of the expenses incurred in travelling to and from the several works visited. The statement must be of *bona fide* travelling expenses only, and must not include hotel bills. If the report appears satisfactory, the travelling expenses will be paid.

No. 201. Order thereon, 15th September 1873, No. 2,267.

ESTABLISHMENT, No. 17.

Communicated to Officers of the Public Works Department.

(True Extract.)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

To the Chief Engineer for Irrigation.
To District Engineers.
,, Major R. B. Kennedy.
To the Officiating Controller of Public Works Accounts.
To Inspecting Engineers.
To the Consulting Engineer for Railways.
,, Consulting Architect.

Exd. E. C. Shunker.

Spare Copies.

19-9-86

Govt. of {1873} Madras
PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR
IRRIGATION.
&c., &c., &c.

?

Dated September 15th

Recd. *Encl.*

G. O., 15th September 1873, No. 2,267.

SEPTEMBER
Nos. 200-201

Rules.—Despatch from the Secretary of State forwarding copies of revised rules under which Officers of the Public Works Department may, while on furlough, visit, at the public expense, the Engineering Works of the United Kingdom, and intimating that copies of reports made on such tours will be forwarded to the Local Government under which the Officer serves, communicated to the Officers of the Department.

Proceedings of the Madras Government, Public Works Department, 7th August 1875.

Read the following papers :—

No. 125. From G. T. WALCH, Esq., Executive Engineer, 3rd Grade, to Lieutenant-Colonel J. MULLINS, R.E., Officiating Secretary to Government, Public Works Department, Madras, dated London, 8th July 1875.

I HAVE the honor to ask for a recommendation to the Secretary of State for India to grant me permission to visit, at the public expense, according to the usual terms and conditions, the American and Canadian Canal, River, and Water Works named in the accompanying list. From them I am confident there is much to be learnt that will be of great use in carrying out works of a similar nature in India.

LIST OF WORKS REFERRED TO IN THE LETTER.

Canadian Canals.

(1.) The St. Lawrence Canals, now being enlarged and locks being made 240′ × 45′.

(2.) The Welland Canal, between lakes Erie and Ontario, with 330′ of lockage in its course of 27 miles; passes vessels of 400 tons burden.

(3.) The Richelieu and Champlain Canals from the St. Lawrence near Montreal to lake Champlain (joins the Erie Canal).

United States' Canals, &c.

(4.) The Erie Canal and its branches.

(5.) The Illinois and Michigan Canal from Chicago to the Illinois River, and the canalization of that river below La Salle, now in progress. (Locks 300′ × 70′.)

(6.) Canal round the "Des Moines" rapids of the Mississippi (in progress).

(7.) The Portland Canal round the falls of the Ohio near Louisville (Locks 390′ × 80′ with lift of 14′), and the canalization of the Ohio.

(8.) The New York Water Works.

(9.) The Chicago Water Works.

(10.) The Lake Harbour Works of Chicago and Buffalo, in which "crib work" is so largely used.

No. 868.
MEMORANDUM.

THE undersigned believes that Mr. G. T. Walch, if permitted by the Secretary of State to visit America and Canada for the purpose of inspecting hydraulic works, will make excellent use of the opportunity which will be thus afforded him of extending his knowledge and experience. The Government are aware of the highly satisfactory manner in which Mr. Walch has conducted the important duties devolving upon him while in charge of the Western Delta, Godavery, and should it be thought proper to make a recommendation on his behalf to the Secretary of State no doubt need be entertained but that Mr. Walch will do all in his power to render himself still more useful in the future than he has been in the past.

OOTACAMUND,
6th August 1875.

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Officiating Chief Engineer for Irrigation.

Proceedings of the Madras Government, Public Works Department,
7th August **1875.**

No. 126. ORDER THEREON, 7th August 1875, No. 2,284.

ESTABLISHMENT, No. 10.

THE Honorable the Governor in Council is of opinion that Mr. G. T. Walch's excellent character for efficiency as a Public Works Officer who has been engaged on hydraulic work in this Presidency fully justifies the belief that he will make good use of any opportunity which may be afforded him of extending his experience and knowledge, and His Excellency in Council therefore will gladly recommend the Secretary of State to allow him to visit the United States and Canada at the public expense for the purpose of inspecting hydraulic works.

(True Extract.)

(Signed) J. O. HASTED, Major, R.E.,
Officiating Joint Secretary to Government.

To Mr. G. T. Walch, Executive Engineer, P.W.D.,
Care of Messrs. H. S. King and Co., 45, Pall Mall, London.
To the Chief Engineer for Irrigation.
" Controller of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

19—5—83

Govt. of {1875} Madras.

PUBLIC WORKS.

To

Mr. G. T. WALCH, EXECUTIVE
ENGINEER, P. W. D.
&c., &c., &c.

Dated August 7th.

Issued

Recd. *Encl.*

G. O., 7th August 1875, *No.* 2,284.

AUGUST.

Nos. 125-126

Mr. G. T. Walch.—The sanction of the Home Government to be requested to the proposal that — now on leave in England, be permitted to visit at the public expense the United States and Canada for the purpose of inspecting certain large hydraulic works in those countries.

PUBLIC WORKS DEPARTMENT.

No. 31 of 1875.

TO THE MOST HONORABLE THE MARQUIS OF SALISBURY,
SECRETARY OF STATE FOR INDIA.

My Lord Marquis,—Adverting to your predecessor's despatch, No. 10, dated 31st July 1873, we have the honor to transmit, herewith, a copy of our Proceedings, No. 2,284, of the 7th August, in which we have decided to recommend that Mr. G. T. Walch, an Executive Engineer of the Public Works Department, now on leave in England, be permitted to visit, at the public expense, the United States and Canada, for the purpose of inspecting certain large hydraulic works in those countries. We feel assured that Mr. Walch will, if allowed to proceed to America, acquire information which will be of considerable use on his return to this Presidency, and we therefore request that your Lordship will be good enough to sanction the proposal.

We have the honor to be,
My Lord Marquis,
Your Lordship's most obedient,
humble servants,

Ootacamund,
13th *August* 1875.

Exd. S. T. Austin.

4/10/84

Statement of Disbursements for actual travelling only, in connection with visit to American and Canadian Engineering Works.

		DOLLARS.	CENTS.	£	s.	d.
1876.						
11th April ...	Passage, Liverpool to New York, Voucher ...	......		26	0	0
14th „ ...	Midland Railway, London to Liverpool, and Cabs	......		1	12	0
29th „ ...	Railway and Ferry fares to and from New York to Newark	1	25			
2nd May ...	Railway fare, New York to Washington, N.J.	1	90			
4th „ ...	Railway fare, Washington (N.J.) to Phillipsburg and back...	0	90			
5th „ ..	Railway fare, Washington (N.J.) to Stanhope.	0	60			
6th „ ...	Railway fare, Stanhope to New York ...	1	50			
8th & 9th May	Ferries — to and from Jersey City	0	55			
13th „ ...	Railway fare to and from Babylon	2	25			
14th „ ...	Railway fare and sleeping car to Washington (D.C.)	11	0			
15th „ ...	Conveyance from Railway	0	50			
19th „ ...	Railway fare to and from Baltimore	2	0			
20th „ ...	Do. and sleeping car to Louisville ...	23	25			
26th „ ...	Do. do. to Cincinatti ...	5	50			
27th „ ...	Conveyances to and from Railway	1	0			
29th „ ...	Railway fare and sleeping car to Pittsburgh...	12	0			
...	Conveyance to and from Railway	0	50			
1st June ...	Railway fare to Philadelphia	10	0			
8th „ ...	Do. to New York	2	65			
......	Conveyances to and from Railway	2	0			
14th „ ...	Railway fare to and from "Brewsters'" ...	3	10			
......	Conveyance and driver to Reservoirs and back	3	50			
15th „ ...	Railway fare and conveyance to Croton works and back	4	70			
17th „ ...	Steamboat, New York to Albany (say) ...	3	0			
20th „ ...	Railway fare to Cohoes and conveyance along canal to Schenectady and Railway fare back to Albany	6	10			
22nd „ ...	Railway fare and conveyances to Glen's falls.	2	90			
23rd „ ...	Conveyance along "Feeder to Fort Edward".	2	25			
......	Railway fare to Whitehall	0	70			
24th „	Omnibus and Steamer, Lake Champlain ...	2	90			
......	Railway fare, Whitehall to Ticonderoga and from Burlington to Montreal	5	40			
30th „ ...	Railway fare and Steamer Montreal to Ottawa (say)	5	0			
4th July ..	Railway fare and Steamer to Montreal (via Prescott)	5	60			
5th „ ...	Railway fare and Steamer, Montreal to Kingston	5	95			
7th „ ...	Conveyance to Locks of Rideau Canal ...	2	0			
......	Railway and Steamer fare to Syracuse ...	4	0			
9th „ ...	Railway fare to Oswego	1	20			
10th „ ...	Do. to Syracuse	1	20			
11th „ ...	Do. to Erieville	1	80			
12th „ ...	Do. to Rochester and conveyance	2	20			
13th „ ...	Railway fare to Buffalo and conveyance ...	2	85			
14th „ ...	Do. to Lockport and back	1	55			
15th „ ...	Do. to St. Catharine's and conveyance.	1	50			
21st „ ...	Conveyance and driver to Port Colborne and back	7	30			
22nd „ ...	Railway fare and sleeping car to Chicago ..	18	50			
......	Conveyance from station	0	75			
26th „ .. 27th „ ...	{Railway fare to Rock Island and from "Junction" to Henry and back and conveyances.	8	35			

Statement of Disbursements for actual travelling only, in connection with visit to American and Canadian Engineering Works.--(Continued).

		DOLLARS.	CENTS.	£	s.	d.
1876.						
29th July ...	Railway fare and sleeping car to St. Louis ...	10	50			
......	Omnibusses	1	50			
31st „ ...	Railway fare and sleeping car to Keokuk and conveyances	8	50			
	Total Dollars (at say 3*s.* 10*d.* each) ...	204	15	39	2	7
	Total actual travelling expenses £...	......		66	14	7
	Payments made for plans, &c., sent with these Notes.					
......	Paid VanNostrand for "Book of plans accompanying" Report of State Engineering for 1859	4	0	3	12	10
......	Paid for tracing "Inclined plane," plans Morris' Canal (see Voucher No. 2)	15	0			
......	Paid for copying extracts of June reports (see Vouchers 3 and 4)	......		2	10	8
......	Paid for copying plans connected with the "Des Moines rapids, Lower Lock	......		1	0	0
	Total payments for Plans, &c. £...	......		7	3	6

(Signed) G. T. WALCH,
Ag. Dy. Chief Engineer for Irrigation,
Public Works Department, Madras.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

31st August 1877, No. 665 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 291. From G. T. WALCH, Esq., M.I.C.E., Acting Under Secretary to Government, Public Works Department, Irrigation Branch, to the Joint Secretary to Government, Public Works Department, Irrigation Branch, dated Madras, 4th June 1877.

I HAVE the honor to forward herewith my Notes of a visit to American and Canadian Canal and River Navigation Works undertaken in accordance with the authority granted in the accompanying letter* from the Secretary of State for India. According to the rules printed with G.O., No. 2,267, 15th September 1873, an officer having visited Engineering works at the public expense must send his "Report or Paper of Notes" to the Secretary of State for India for "transmission to the Local Government under which he is serving." It seems to me therefore that being in Madras my proper course is to forward my notes to the Local Government through you.

2. With this I send a detailed list of disbursements for actual travelling, amounting to £66-14-7. I finished my tour of inspection at Keokuk on the Mississippi, and had I then returned to England I would have been justified in including the cost of the return journey in the statement now forwarded. That cost would certainly not have been less than £30. As however I did not return to England but came on to India via San Francisco and Australia, I have not included in the statement any expenses after the date on which I last absolutely inspected works at Keokuk; but I would ask for the allowance to me of the estimated cost of return to England. In doing this I may remark that the extra expenses connected with travelling, due solely to it, but which cannot be distinguished so as to find a place in a statement such as now sent, are much greater in America than in Europe. I have added at the foot of the statement a list of payments† which I had to make for a few of the plans, &c., forwarded with the notes. Most of the plans however which accompany the notes were given to me by the Engineers connected with the various works I visited, gentlemen whom I found uniformly courteous and in most cases even more obliging and attentive than mere official or professional courtesy demanded.

3. I trust that the information contained in the "Notes" will prove of some interest and value.

List of notes and plans accompanying.

General map to accompany notes.
Notes, 28 pages, on "Morris' Canal."
Packet of plans do.
Notes, 8 pages, on "Inclined Plane," Chesapeake and Ohio Canal.
Packet of plans do, do, do,

---

* No. 11,445, dated 3rd November 1875.

† Amounting to £7-3-6.

Notes, 26 pages, on the "Navigation of the Ohio and its tributaries."
Packet of plans do. do.
Notes, 72 pages, on Erie Canal and Branches.
Packet of plans do. do.
Notes, 72 pages, on Canals of Canada.
Packet of plans do. do.
Notes, 16 pages, on Navigation from the Lakes to the Mississippi.
Packet of plans do. do.
Notes, 9 pages, on Improvements of the Upper Mississippi with four sheets of plans attached.

From G. HAMILTON, Esq., to G. T. WALCH, Esq., dated India Office, 3rd November 1875.

I AM directed by the Secretary of State for India to acknowledge the receipt of your letter of the 15th ultimo, and in reply to state that you have his Lordship's authority to visit at the public expense the works in the United States and Canada, specified in your letter to the Officiating Secretary to the Government of Madras of the 8th July last.

2. The terms and conditions upon which this privilege is granted are the same as those accorded to officers visiting Engineering works in the United Kingdom, copies of which are enclosed herewith.

3. In regard to the disbursements authorized by this letter, complete and detailed vouchers must be furnished for all items excepting those for which vouchers cannot be procured, and in regard to these latter, statements in detail must be submitted.

No. 3 E. W.

No. 291-A. *Note by the Chief Engineer for Irrigation.*

IN transferring to the Chief Engineer, Public Works Department, Mr. Walch's letter of the 4th instant and its accompaniments, the undersigned desires to say that he has read Mr. Walch's Notes on works inspected by him in the United States and Canada with the greatest interest, and he feels sure that they will prove of great interest and value to all officers of the department employed on hydraulic works.

2. In reading of the great water highways of the Western Continent, and more especially of the works by which the American rivers have been made navigable whether by canalization or by the construction of canals round barriers, it is impossible not to regret greatly that the opening of the Godavery and its tributaries to navigation by means of similar works has been abandoned, and to hope that some day the advantages which the great extent of country, which this river would serve, would reap from its improvement will be deemed to warrant the no doubt considerable outlay which would be required, an outlay however not, it is believed, out of proportion to the mileage of cheap communication which would be opened or to the extent of country which would be benefited.

3. The undersigned hopes Mr. Walch's application to be allowed in addition to the bill he has submitted for expenses and cost of drawings, the amount which he would have been entitled to claim had he returned from Keokuk on the Mississippi to England, instead of going thence to San Francisco and Australia, will be considered fair and reasonable. With this addition the cost of the tour will be under a hundred guineas, and the information obtained will certainly be of far greater value to the department to which Mr. Walch belongs.

4. Mr. Walch has, it is considered, fully justified the special recommendation* made by Government on which the Secretary of State was pleased to authorize the tour to be undertaken.

FORT ST. GEORGE,
22nd June 1877.

(Signed) JOHN MULLINS, Colonel, R.E.,
Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

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* G.O., No. 2,284, dated 7th August 1875.

No. 292. ORDER THEREON, 31st August 1877, No. 665 W.

THE Government have read Mr. Walch's Notes with much interest, and consider that it will be useful to place them in the hands of those officers of the department who have been, or are likely to be, engaged on hydraulic works. Copies of the notes will be printed at the Lawrence Asylum Press, and the plans will be lithographed in the Lithographic Department.

2. The Governor in Council resolves to authorize, as a special case, and subject to the confirmation of the Secretary of State, the disbursement to Mr. Walch of the amount of his several claims, namely, his travelling expenses while engaged on his tour of inspection, the cost of the drawings, and the passage fare which would have been incurred by Mr. Walch had he returned from Keokuk to England in the usual course.

3. The Secretary of State and the Government of India will be addressed.

(Here enter No. 665-A W, dated 31st August 1877.)

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To District Engineers.
To the Chief Engineer, Public Works Department.
" Chief Engineer for Irrigation.
" Public Department.

Exd. W. J. Lewis.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

DISTRICT ENGINEERS,
&c., &c., &c.

Dated August 31st.

Issued

Recd. *Encl.*

G. O., 31st August 1877, *No.* 665 W.

AUGUST.

Nos. 291-292.

Mr. Walch's Notes and Hydraulic Works inspected by him in the United States and Canada read with much interest and ordered to be printed for the information of all officers of the department engaged on such works. The disbursement to Mr. Walch of the several claims preferred by him authorized, as a spesial case, and subject to the confirmation of the Secretary of State.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

No. 665-A W.

No. 293.

FROM
THE SECRETARY TO THE GOVERNMENT OF MADRAS,
Public Works Department,

To
THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

SIR,—I am directed to forward a copy of Government Proceedings, dated the 31st August 1877, No. 665 W, and of a despatch to the Secretary of State for India.

2. I am to remark that the disbursement of Mr. Walch's claim is to be considered in the light of a payment made under exceptional circumstances in Madras, which would ordinarily have been made in England by Her Majesty's Government.

3. The Government of Madras have therefore sanctioned the claims without prior reference to the Government of India.

4. I am to forward fifteen copies of Mr. Walch's report and of the accompanying plans.

I have the honor to be,
Sir,
Your most obedient servant,
(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

FORT ST. GEORGE,
31st August 1877.

Exd. W. J. Lewis.
Spare Copies

19-9-84

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1877} Madras.

PUBLIC WORKS.

To

THE SECRETARY TO THE
GOVERNMENT OF INDIA.

Dated August 31st.

Issued

Recd. Encl.

G. O., 31st August 1877, No. 665-A W.

AUGUST.

No. 293.

MR. WALCH's Notes on Hydraulic Works inspected by him in the United States and Canada.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

7th January 1881, No. 11 W.

General.
Establishment.

Read the following paper:—

No. 17. Endorsement of the Chief Engineer for Irrigation, dated 24th December 1880, No. 50 E.W.

From C. VINCENT, Esq., to the Joint Secretary to Government, Public Works Department, Irrigation Branch, dated London, 3rd December 1880.

BEING now absent on six months' special leave, the greater portion of which I shall spend at Cannes in the south of France, it has occurred to me that some of my leisure time might be pleasantly and profitably employed in visiting the important irrigation works situated in that neighbourhood, especially those situated between Avignon and Marseilles and those between Turin and Milan.

2. These works were visited in 1867 by Major (then Lieutenant) Scott-Moncrieff, R.E., and a report of his tour is published in his book, "Irrigation in Southern Europe," but in the thirteen years that have since elapsed no doubt many additions and improvements have been made to the works, that it would be interesting to note.

3. A thorough knowledge of French and an acquaintance with Italian would also be of exceptional use to me in obtaining information.

4. Under these circumstances I respectfully request that if my proposal meets with your approval, that you will be so kind as to move Government to approve of my making the tour, and to sanction such necessary travelling expenses as I may incur in so doing. Such expenses would not, in all probability, exceed £50.

5. I have, in anticipation of Government, viewing my application in a favorable light, ventured to apply at the India Office for such letters of introductions as would ensure my being fully shown over the works in question.

6. As the time at my disposal is very short, I further request that I may be favored with a reply to my application as soon as possible.

TRANSFERRED to the Chief Engineer, Public Works Department, for favorable consideration, it being thought that Mr. Vincent can hardly fail to obtain information from the works in Southern France and Northern Italy which he proposes to visit, which will be useful in the Irrigation office on his return.

(Signed) JOHN MULLINS, Col., R.E.,
Chief Engineer for Irrigation.

No. 18. ORDER THEREON, 7th January 1881, No. 11 W.

THE Right Honorable the Governor in Council is of opinion that it will be for the public advantage that Mr. Vincent's request should be granted, and will, therefore, recommend the Secretary of State to allow him to visit the works named by him, and, in addition, the Ba~~r~~n and F~~arren's~~urens reservoirs, both of which are within easy reach of that part of France where he will be staying.

(True Extract).

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To C. Vincent, Esq., 8, Ebury Street, London, S.W.
,, the Chief Engineer for Irrigation.
,, the Examiner of Public Works Accounts.

Exd. S. T. Austin.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of (1881) Madras.
PUBLIC WORKS.

To

C. VINCENT, Esq.,
&c., &c., &c.

Dated January, 7th.

Issued

Recd. *En l.*

G. O., 7th January 1881, *No.* 11 W.

JANUARY.
Nos. 17-18.

Mr. C. Vincent, Assistant Engineer, Public Works Department.—Considering that it will be for the public advantage to grant the request of — to visit certain Irrigation Works in France, &c.

PUBLIC WORKS DEPARTMENT.

No. 2.

TO THE MOST HONORABLE THE MARQUIS OF HARTINGTON,
SECRETARY OF STATE FOR INDIA.

My Lord Marquis,—Adverting to the Duke of Argyll's Despatch No. 10, dated 31st July 1873, we have the honor to transmit, herewith, a copy of our Proceedings, No. 11 W., dated 7th January 1881, in which we have decided to recommend Mr. C. Vincent, an Assistant Engineer of the Public Works Department, now on leave in England, be permitted to visit, at the public expense, the important irrigation works situated in that part of France where he intends to spend his leave as also those in Northern Italy.

2. We feel assured that Mr. Vincent will acquire information which will be of use on his return to this Presidency, and we therefore request that your Lordship will be good enough to sanction the proposal.

We have the honor to be,
My Lord Marquis,
Your Lordship's most obedient, humble servants,

(Signed) W. P. ADAM.
(„) N. B. CHAMBERLAIN.
(„) W. HUDLESTON.
(„) DAVID F. CARMICHAEL.

Fort St. George,
20th January 1881.

Exd. S. T. Austin.

FORT ST. GEORGE.

PUBLIC WORKS DEPARTMENT.

Letter to the Most Honorable the Secretary of State for India.

Dated 20 *January.*

No. 2 *of* 1881.

Requesting sanction to the proposal of Mr. C. Vincent, Assistant Engineer, to visit certain important irrigation works in France, &c.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

16th May 1881, No. 1,228 W.

General.
Establishment.

Read the following paper :—

No. 16. Despatch from the Most Honorable the Secretary of State for India.

Public Works.
No. 10.

India Office, London,
7th April 1881.

Sir,—With reference to your Excellency's Public Works letter No. 2, dated 20th January last, I have to inform you that all necessary facilities have been, in accordance with your request, furnished to Mr. C. Vincent, of your Public Works Department and now on furlough, for the inspection by him of certain Irrigation works in France and Italy.

2. Mr. C. Vincent has lately reported the completion of his inspection of these works, and I have caused all charges incurred by him to be defrayed at the public expense, and have further requested him to submit to your Government, immediately on his return to duty in India, a report of the results of his visit to the works.

I have, &c.,

(Signed) HARTINGTON.

His Excellency the Right Honorable
The Governor in Council, Fort St. George.

No. 17. Order thereon, 16th May 1881, No. 1,228 W.

Recorded.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts.

Exd. E. C. Shunker.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

THE CHIEF ENGINEER FOR IRRIGATION,
&c., &c., &c.

Dated May, 16th.

Issued

Recd. *Esq.*

G. O., *16th May* 1881, *No.* 1,228 W.

MAY.
Nos. 16-17.

Mr. C. Vincent's inspection of certain Irrigation works in France and Italy.—Despatch from the Secretary of State regarding —, recorded.

No. 229

D. P. W.

Executive Engineer's Office Godavari Western Division.

Dated 28th August 1884

From

The Executive Engineer
Western Division Godavari.

1.

To

The Secretary to
Government, Madras.
P.W.D.

Enclo: Through The Superintending Engineer 1st Circle.

Sir,

I have the honor to inform you that it is my intention to apply for furlough in the course of 4 months or so.

Code
P.W.D. para 609

During my furlough I should like to visit the works of the Panama Canal and submit a report on them, if the Government would pay my travelling expenses. I should be obliged if you would kindly inform me whether the Government would do so or not.

The cheapest way of visiting them would probably be to go to England via "San Francisco and Panama".

I have the honor to be
Sir,
Your most Obdt. Servt.
W. Lewis
Asst. Engineer
in Charge W.Dn.

Copied
B.L.

No 1507 G.D.

Cap. Sent
28/8

Submitted for the favourable consideration and orders of Government =

Lt Col R.E.
3/9/84.

Dowlaiswaram
9th September 84
Supg. Engineer 1st Circle.

To W per orders.
[illegible]
18.9.84

S.A.W.
[illegible] on the subject of such visit [illegible]

Ltr to Secy of State No $\frac{12}{1477}$ W d/ 13.6.84
G.O. No 1477 W — " 13.6.84
G.O. No 11 W — " 7.1-81
Ltr to Secy of State No 2. d/ 20.1-81
G.O. No 1228 W. " 16-5-81
" " 665-A.W. " 31-8.77
" " 2284 — " 7.8.75
" " 2267 — " 15.9.73

Vide
P.G. 722 E of 1st-10-84-

O.L.S. 94/9 D.S. 5/9

10977
9/84
Ack 7805

No. 229

D. P. W.

(4)

From

The Executive Engineer
Western Division Godavari.

To

The Secretary of Govt.
Madras P.W.D.
Thro The Supg. Engr 1st Circle

Dated 28th }
Despatched 29th } of August 1884
Received 18 }

No 2745 W d/ 5th Novr/84

Enclo.

Subject.

W. C. Lewis - Mr, Asst. Engineer.. Informing of his intention to take furlough in 4 months or so, and during this time, to visit the works on Panama Canal, and requesting therefore to be informed if Govt. would undertake to provide his travelling Expenses -

ew. for orders
on

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From.

The Supg. Engineer I Circle } (H.O. No. 1507 G.D. d/ 9th Septr/84.)

Superseded

The Government resolve to recommend to the Secretary of State that Mr. Lewis be permitted to visit the works of the Panama Canal at the public expense under the rules printed with P.G. No. 2267, dated 15th September 1873-

To

The Supg. Engr. I Circle
" Chief Engr. for Irrign.
" Exr. P.W. Acts-

To

H.E. No ——— G 7

To,

The Right Honorable
the Secy: of State
for India.

My Lord,

In forwarding a copy of our Proceedings No. G, dated October 1884, we have the honor to recommend for your Lordship's sanction, that Mr. G. C. Lewis, Assistant Engineer, be permitted to visit the works of the Panama Canal at the public expense under the rules received with your Lordship's despatch No. 10, dated 31st July 1873.

Cu

O. 20.9.84 R. 2.10.84

1805

To L O until receipt of orders of Secy of State's despatch on Col Burton's Case

Cr
3/10/84

Superseded

Dw
W

D. 20.9.84 / R. 2.10.84

No 2745 W

B

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 5th Nov 1884

READ the following

From
The Supdg Engineer
I Circle } (H.E. No: 1507 G.D. d/9th Sept/84

Mr. Lewis will be informed that there is no rule under which his applicatio can be granted by the Government.

2. If he desires, while on furlough, to visit the Panama Canal Works at th public expense, his proper course is to proceed to England and to apply to th

Secretary of State for the necessary permission, in ac=cordance with the rules printed with Proceedings of Govt. dated 15th September 1873 No: 2267.

CUS
3.11.84

CUS
3.11.84

No 2745 W/5th Nov/84

W
5.11

To the S. C. Tlincle

D
5/11/84

Jd 7/11

Rg 7/11

W. 20.9.84 / R. 2.10.84

D.W.

You ordered the papers relating to Mr Lewis' request for permission to visit the Panama works, to lie over until receipt of the Secy of State's despatch on Col Burton's case.

The papers relating to the latter will be found in the linked file.

It will perhaps now be considered inexpedient to send forward Mr Lewis' request.

31.10.84

To W. for orders.

CUS
31.10.84

Mr Lewis must be informed that there is no rule under which his application can be granted by this Govt.

If he desires, while on furlough, to visit the Panama Canal works at the public expense, his proper course is to proceed to England, and to apply to the Sec: of State for the necessary permission, in accordance with the rules printed with Pro: of Govt. dated 15.9.83, W. 2267.

1.11.84

No. 2745 W. of 5th Nov. 2/11

5.11

D 5/11/84

To the S.E. I Circle

~~Dd~~/W

W. 20.9.84 (R. 2.10.84)

1805

D.W.

This paper was sent to the Records with reference to your pencil note on the reverse, & it has this day been returned with P.G. No. 2267 of 15.9.73. which shows ~~has~~ the terms on which officers are permitted to visit works &c in England.

As it is too late now to send the paper to W. for orders whether it may be sent up to Col. Hasted for disposal?

Cu
20/9/84

Yes — please forward to I for disposal. — C.S.
20.9.84

I should like the papers sent to W

JH
22/9/84

W
Bellairs
22/9

It does not seem to be within the competence of this Govt. to promise payment of Mr. Lewis' expenses to England, via San Francisco & Panama.

Indeed it is doubtful whether "the cheapest way of visiting" the Panama Works would be to go by San Francisco.

The course taken in Mr. Walsh's case may be followed, and the S. of S. recommended to permit Mr. Lewis to visit the Panama Works at the public expense, under the rules printed with Res. of 15.9.73. No. 2267.

No W
1.11.84

JJ
29.9.84