Scots. II—48—10,815-27-1-16.

Educational (1916) Department.

Mis SERIES.

G.O. No. 518, & 518-A

DATED 12 - 5 - 16

[Despatch Abstract.]

Honorarium. Replying to the reference from the Govt. of India regarding the necessity for writing two manuals on "Irrigation works and River Training", withdrawing the request for sanction to the grant of an —— to Mr F. E. Morgan for the purpose and stating that it is proposed to place him on special duty for two months for the purpose

C.No. 836 Edn
7.3.16

All communications should be addressed to the Secretary to the Government of India, Public Works Department, by *title* NOT by *name*.

GOVERNMENT OF MADRAS
7 - MAR 1916
EDUCATIONAL DEPARTMENT.

No. 188 E.B.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
Establishments.

From

Mr. A. J. R. Hope,
Under Secretary to the Government of India,
Public Works Department.

To

The Secretary to the Government of Madras,
Educational Department.

Simla, the 3rd March 1916.

Sir,

~~7~~ E

Put up with Cln 808 by Mr. S.K.

With reference to your letter No: 59-Mis., dated the 19th January 1916, to the address of the Government of India in the Education Department, regarding the grant of an aggregate honorarium of Rs. 2,000/- to Mr. F. E. Morgan, Under Secretary to the Government of Madras, Public Works Department, Irrigation Branch, for writing two manuals on "Irrigation Works" and "River Training", respectively, I am directed to request that the Government of India may be furnished with information in somewhat fuller detail than is given in the letter referred to showing the nature and scope of these manuals, and the subjects to be dealt with therein. There are, the Government of India think, a large number of books and treatises on these subjects, and the necessity for special Text books for the Madras Presidency is not apparent.

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

A. J. R. Hope
3.3.16
Under Secy. to the Government of India.

Documents accompanying:-
Nil.

P. W. D. 15.

N.L.

edt.
13.16.

C.F. 16—17-2-14.

OFFICE NOTE.

3

SUBJECT. Grant of honorarium to Mr Morgan for writing two manuals on "Irrigation works" and "River training."

From The Govt. of India, P. W. D., no 188. EB d/ 3.3.16

Register No. 836 Edl.

Submitted that the Chief Engineer, P.W.D. may be requested u.o. to be so good as to furnish the information called for by the Govt. of India.

Re 13.3.16 Some information has been furnished in the P.W.D notes on pages 3 to 10 of ~~them~~ ~~[illegible]~~ G.O. no. 58 Edl. d/ 19.1.16, as to the nature and scope of these manuals. But how far this should go into our reply to India or whether it should be amplified, this Dept: cannot say. The existence of other books and treatises on these subjects has also to be examined in the P.W.D. That Dept: may therefore be requested to prepare a draft reply for issue, if necessary, in this Dept:

t (T)

15/3/16.

P.W.D. W.

16/3

D/D 16/3

17th MAR 1916

Edl no 836-1
PUBLIC WORKS DEPARTMENT.
16. 3. 16
C. NO. 670 A. D.
DATE, 18. 3. 1916

17/3

AC3

4

P.W. Dept.

D.W.
~~10~~

Submitted. E.I. may, perhaps, be requested to furnish the information required by the Govt. of India.

ta
18/3/16.
JUN
18.3.16

WGM
20/3.

P.W.U.O. No. 670 Ad-1
DATED 22.3.16

E.I. U.O.

22 MAR 1916
No. 2466/16

DG

P.W.D. (I).

D.I.

Submitted.

YH
23.3.16

WM
23/3

I.

I am afraid that I will have to give up the idea of writing these manuals. I intended to make a start in Jan'y last & thought that the irrigation manual could be written in 6 months, but I have had very little

6

spare time & devote to it & do not see any prospect of having much more in the near future. With the time available there would be considerable delay in getting out the books & I think it would be better if someone else were found to write them.

2. The manuals are badly needed for the Eng^g College students & as has been stated before they are required primarily for the Upper Subordinates & therefore must be cheap (Rs 4 each at most). The irrigation manual should deal specially with Madras irrigation & only one such manual has ever been written, that of Genl Mullins, which is out of print, expensive & not suitable for students.

3. The Govt of India refer to a large number of treatises on "Irrigation" &

'River Training'. The Govt of India cannot consider books on Egyptian or Southern European irrigation, such as those by Scott Moncrieff, Willcocks or Hanbury Brown, as suitable books for students of Indian irrigation. American treatises ~~[illegible]~~ must also be discarded as unsuitable & we are left with the following works on Indian irrigation:-

1) The Irrigation Works of India by R. B. Buckley, Price £2. 2. 0 net.
2) The Practical Design of Irrigation Works by W. G. Bligh. Price about £1.
3) Roorkee Treatise, Irrigation Works in India by J. Clibborn Price ?
4) River & Canal Engineering by E. S. Bellasis Price 8/6 net.
5) Irrigation Works by E. S. Bellasis Price 6/- net.

4. Which of the above 5 books would the Govt

of India recommend as a
text book for students in
Southern India.

Book No (1) is purely
descriptive as its title
indicates.

Book No (2) only deals
with a part of the subject
& even for that is not
suitable for Upper Subordinates

Book No (3). was issued
15 years ago, it may have
been brought up to date;
but probably confines itself
to northern irrigation.

Books No. (4) & (5) are
very poor scrappy treatises
on the subjects they deal
with, written by a Punjab
Engineer (who has however
written a most excellent
book on Hydraulics). These
books are quite unsuitable
for College manuals

5. As to "River Training" I
know of no treatise on
the subject with special
reference to Indian Rivers

8

Book No (4) referred to above contains something on the subject but not sufficient & some of the matter is not suitable.

20/1/16

1 The details of the proposed work are given pp 3–5 and pp 8 of the note.

t F.l. I

[illegible] 58-59 S.A. 19/1/16

I am still of opinion that such a work is urgently necessary

2 The Govt. of India while suggesting that there are suitable works on irrigation already existing do not suggest any single work as constituting a suitable text book.

Mr Morgan has made a list of the works on Indian Irrigation which have been published within recent times (p 4 above) I altogether agree with his remarks.

3 The best book and the only one written with a view to instruction of classes in the practice of irrigation

Engineering is that of Lt. Col. Clifford.

The book has been written specially for students of the Thomason College at Roorkee & deals almost exclusively ~~in the~~ with the practice & conditions of North India.

The book is rather out of date but is quite a useful book for students who will be employed in Northern India but is quite unsuitable as a text book for Madras.

4 It will be far better to reprint Mr Reynolds book & use this ~~there~~ with all its faults (it would be ~~better~~ unsuitable) than any of the books mentioned by Mr Mason above

5 Perhaps the Govt. of India might be asked to suggest what book they consider suitable. I am of opinion that none exists.

6 It will I fear be necessary to place an officer on special duty to write the book required as Mr Mason

finds he cannot find time to do the work.

I think Mr Morgan is the officer best suited to do the work and that if the writing of the book is decided on that this officer should be put on special duty for 2 months to do it –

I would drop the matter of a ~~sp~~ separate work on River Conservancy but I urge that the text book on Irrigation is a necessity and ~~[illegible]~~ a necessity which can be supplied at a very reasonable cost in the manner above indicated.

1/4/16

P. W. D. IRRIGATION.
U. O. No. 2466/16-C
Dated 1-4-1916

E. W. U. O.

P. W. Dept.

4 - APR 1916
PUBLIC WORKS DEPT.

~~B.O.~~
W

Submitted.

W.J.M.
2.4.

PUBLIC WORKS DEPARTMENT.
No. 871 A. D.
DATE, 5-4-1916.

ta.
6.4.16.
WN
6.4.16

SAW 4/4

11

I agree with Colonel Ellis - we may kindly have a draft reply prepared, as asked for by Educational on p. 1 of the notes above -

9.4.16

E.S. [illegible]

14.4.16

P.W.D. No. 6701-52
DATED 10. Feb.

17/4/16

~~ES~~

ES

17 APR 1916
No. 3067/16-C

As the proposal is revised to one ~~for~~ putting an officer on special duty for writing the required Irrigation manual in place of giving him a grant for doing it in his own time ~~it is I think necessary that the State and be accepted before replying to India.~~ and the draft to India ~~[illegible]~~ which in the first place stating that, it is believed that no ~~a suitable~~ text book of instruction in irrigation exists suitable for Madras conditions & that one is absolutely necessary. The outline of the proposed work may be given as an enclosure. The letter may add that it is found that the officer proposed cannot find time to write the book in addition to his ord. duties the Govt. therefore propose to put him on Special duty for 2 months to do this work and drop the request for the sanction of an honorarium.

24/6/15
4/16

K.G.
14/4/16

D.G.

I. A draft reply to the Government of India on the above lines is put up which if approved, may be sent to Educational for issue, through P.W.D. General.

15.4.16

15/4/16

The Draft is sent to P.W.D. Genl. who will doubtless ~~[illegible]~~ send it before issue ~~[illegible]~~ to H.M. (P.W.D.).

15/4/16

P.W.D.

~~D.G.~~
W

The file may now be

18 APR 1916
PUBLIC WORKS DEPARTMENT

P. W. D. IRRIGATION.
U. O. No. 3067/16-C
Dated, 17.4.1916

PUBLIC WORKS DEPARTMENT.
C. NO. 983 A. D.
DATE, 19.4.1916.

DW
244

13

returned to the Educational department, who may be requested to circulate the file to H.M. (P.W.D.)

MB
19.4.16

TVN
19.4.16

WGM
26/4

Sron
26.4.16

Educational uo

F.D.

P.W.D.O. No. 670 A.D.-3
DATED 27. 4. 1916.

27 APR 1916
GOVERNMENT OF MADRAS EDUCATIONAL DEPARTMENT.

Noted in CR
28/4/16

Educational Department

Submitted that the proposal of the P.W.D. to place Mr. Morgan on special duty for two months for writing two manuals on 'Irrigation works' and 'River training' may be accepted in Educational ~~go. Finance . . . if Finance agree.~~ The draft may be sent u.o. to Finance for acceptance before circulation to H.E. the Governor and H.M. (P.W.D.)

CR
29.4.16

1.5.16

CHIEF SECRETARIAT MADRAS GOVT

ASSISTANT SECRETARY
1-MAY 1916
GOVT. OF MADRAS

E. [illegible] 830
1.5.16

CURRENT NO.
2692
FINANCIAL

Recd 1-5-16.

Financial depts

Financial may accept the draft

1.5.16

C.S.

Ex.

2.5.16

T.O.M.

Fin. No 2692-1
3.5-16.

F.D.

Edn. Dn.

GOVERNMENT OF MADRAS
3 MAY 1916
EDUCATIONAL DEPARTMENT.

Noted in C.R.
4.5.16

Educational Department.

Submitted that the case may now be circulated to H.E. the Governor and H.M. C.P.W.D.

Sa
4.5.16

C.R.
4.5.16

H.E. and H.M. (P.W.D.)

5/5/16

Box No 3
6-5-16.

6.5.16.

Hus
8.5.16

SECRETARY TO GOVERNMENT
10 MAY 1916
JUDICIAL DEPARTMENT

Submitted that the draft letter may now issue

Sa
10.5.16

C.R.
11.5.16

Yes
12/5

3/5

~~order (mere)~~ 518 Edl. mis 87 12-5-16

The following letter will be addressed to the [Secretary to the Govt.] of India ~~Letter~~.

To the P. W. D. with copy of letter

Drft
18.5.16

~~Letter~~ No. 518 A Edl dy 12-5-16

To

The Secretary to the Govt. of India,
Public Works Dept.

Desp 13/5/16

10.1.C4

Drft
17.5.16

Sir,

With reference to Mr. Hope's letter No. 188 E-B, dated the 3-3-16, asking for further information in connection with the proposal to grant an aggregate honorarium of Rs 2,000 to Mr. F. E. Morgan, Under Secretary to Govt., P.W.D., Irrigation Branch, for writing two manuals on 'Irrigation Works' & 'River Training', I am directed to say that there exists at present no text book of instruction on irrigation suitable for the practice ~~and condition~~ of irrigation in this Presidency and that one, dealing with the subjects outlined in the annexure to this letter, is absolutely necessary. The ~~large number of~~ text books and treatises on Irrigation ~~subjects~~ with special reference to India which have been published in recent years are detailed in the margin + none ~~are either descriptive or are incomplete dealing~~ ~~only~~ ~~with~~ a ~~portion of Irrigation Engineering~~ of them is suitable for adoption as a text book for College instruction in Southern India.

Vide pp 3 to 5 + 7 to 10 of notes to go 58, 59 Edl dy 19-1-16 Flag T

The Irrigation works of India by R. B. Buckley

The Practical Design of Irrigation Works by W. G. Bligh

Roorkee Treatise, Irrigation in India by J. Clibborn

River + Canal Engineering by E. S. Bellasis

Irrigation Works by E. S. Bellasis

2. I am to add that, as Mr. Morgan is unable to find time to write the manuals in addition to his own duties, it is proposed to place him on special duty for two months for the purpose, and the request for sanction to the grant of an honorarium to him is therefore withdrawn.

15/4/16

Documents accompanying:

Subjects proposed to be dealt with in the manuals.

15/4/16

Copy of pp 3-5 and 7 to 10 of notes to go 58, 59 Edl dy 19.1.16 Flag T

When given for copying
When copied } 191 .
When examined
When signed

READ AGAIN G.O. No. , DATED 191 .							
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LETTER OF GOVERNMENT.							
STATEMENT WITH DITTO.							
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