MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT

G.O. No. Press Mk.

Dated 19

Not to be folded or roughly handled

No. 82. Read the following letter from Colonel A. T. COTTON, Commandant of Engineers: to H. FORBES, Esq., Acting Secretary to Government, dated 2nd March 1858, No. 47.

SIR,

In reply to the orders of Council dated February 2nd, respecting the Model of the Peninsula, I have the honor to state that I approve of the arrangement that Lieutenant Winscom proposes for the construction of the Model.

2. With respect to the scale I quite approve of its being done on that of the engraved Maps. All minor points I would beg to recommend should be left to the decision of Lieutenant Winscom, only with permission I would discuss the matter with him when I happen to be in Madras.

No. 83. ORDER THEREON, No. 570; dated 29th March 1858.

In a Memorandum dated 30th November last, Colonel Aurthur Cotton set forth the advantages that would be obtained by the construction, on a scale of 4 miles to an inch, of a Model of the Peninsula, from Cape Comorin to the Nerbudda, and suggested the mode in which it might be constructed at a moderate cost.

2. The Government admitted* that such a Model would be of great service to the several Departments of the State, and that its value would be increased if it could be so constructed as to exhibit also the Geological features of the country. They accordingly requested Lieutenant Winscom, the Principal of the Civil Engineering College, to undertake the work, and to submit a plan of the arrangements that he would make for the purpose, with an Estimate of the probable expense. With this requisition, Lieutenant Winscom complied in his letter of the 25th January last, in which, after expressing his opinion that the scale of 4 miles to the inch, proposed by Colonel Cotton, was well suited to the object in view, chiefly as being the scale of the published copies of the Trigonometrical Survey Map, he submitted the details of the plan on which he would construct the Model, and an approximate Estimate of the cost of the temporary establishment that would be required for the purpose. Lieutenant Winscom's letter was referred‡ to Colonel Cotton, who, in the communication above recorded, expresses his approval of the arrangements proposed by Lieutenant Winscom, recommends that all minor points should be left to the decision of that Officer, and asks only for permission to discuss the matter with him when he happens to be in Madras.

* Extract Minutes Consultation 21st December 1857, No. 2354.

‡ Order of Government 2nd February 1858, No. 185.

3. The Right Honorable the Governor in Council has already expressed his opinion in favor of a model of the description proposed, and he now resolves to sanction the temporary establishment for its construction, required by Lieutenant Winscom, at a total cost, for the period estimated, of Rupees (3,000) three thousand, inclusive of the outlay on tables, as shown in the margin. His Lordship in Council further grants sanction for an advance of Rupees (200) two hundred, being made to that Officer for the preparation of the Tables, &c., and he requests that Lieutenant Winscom will be so good as to consult with Colonel Cotton on all minor points, whenever he may have an opportunity of doing so.

	Rupees.
1 European Superintendent and Draughtsman for 9 months, at Rupees 100 per mensem	900
4 Modellers for 12 months, @ 15 Rupees each per mensem	720
2 Modellers for 24 months, @ 15 Rupees each per mensem	720
1 Lascar for 9 months, @ 6 Rupees per mensem ...	54
1 Draughtsman for 12 months, @ 35 Rupees per mensem	420
	2,814
Cost of tables.....	180
Total.....	2,994

4. A copy of the correspondence which has passed on the subject, will be communicated to the Chief Engineer and to the Acting Consulting Engineer for Railways, with a request that they will be good enough to furnish Lieutenant Winscom with all the levels they may have in their possession of any extended lines of country. The Chief Engineer will also be pleased to supply that Officer with copies of all the sheets of the Trigonometrical Survey of Southern India.

(Signed) H. FORBES,
Acting Secretary to Government.

W. Cotton Colonel
Comdg. Engineers.

Comd^g of Engineers office.

No. 47.

From,

Colonel A. J. Cotton,

Comd^g of Engineers

To,

H. Forbes Esq^re

Secretary to Government.

Sir,

In reply to the orders of Convocation Lebruary 2^nd, respecting the Model of the Peninsula, I have the honor to state that I approve of the arrangements about Lieutenant Pinsecon proposes for the construction of the Model.

2. With respect to the Scale I quite approve of its being done on sheet of the engraved Maps. All minor points I would beg to recommend should be left to the decision of Lieutenant Pinsecon only with permission I would discuss the matter with him when I happen to be in Madras.

I have the honor to be

Sir,

Your most obedient Servant.

Fort Saint George,
2^nd March, 1858.

A. Cotton Colonel
Comd^g of Engineers.

and that its value would be increased if it could be so constructed as to exhibit also the Geological features of the country. They accordingly requested — Lieut. Henderson, the Principal of the Civil Engineering College, to undertake the work, and to submit a plan of the arrangements that he would make for the purpose, with an estimate of the probable expence. With this requisition Lieut. Henderson complied in his letter of the 25th January last, in which, after expressing his opinion that the scale of 4 miles to the inch, proposed by Colonel Cotton, was well suited to the object in view, chiefly as being the scale of the published copies of the Trigonometrical Survey Map, he submitted the details of the

Order of Gov.t 2 Feby 1858. N185

the plan on which he would construct the model, and an approximate estimate of the cost of the temporary establishment that would be required for the purpose. Lieut. Henderson's letter was referred to Col.o Cotton, who, in the communication above recorded, expressed his approval of the arrangements proposed by Lieut. Henderson, recommending that all minor points should be left to the decision of that officer, and only for permission to discuss the matter with him when he happens to be in Madras.

The Right Honorable the Governor in Council has already expressed his opinion in favor of a model of the description proposed, and he now resolves to sanction the temporary

P. W. D.

No 570

Extract from the Minutes of Consultations
under date the 29th March, 1858.

Read the following
letter from the Commandant
of Engineers.

Also order 2d March 1858 No 471

Also a Memorandum
dated 30th November last, Colonel
Arthur Cotton set forth the
advantages that would be obtained
by the construction, on a scale
of 4 miles to an inch, of a
Model of the Peninsula, from
Cape Comorin to the Nerbudda,
and suggested the mode in
which it might be constructed
at a moderate cost.

2 The Government
admitted that such a model
would be of great service to the
several Departments of the State,

+ Extract Minutes Consn 21st Dec 1857
No 2357.

Ent. Mr Hughes Dept
Ent. Col. Cotton Dept
Ent. Lt. Col. Fraser Dept
Ent. Lt. Col. Ellis Dept
Ent. Lt. Col. Strachey Dept
Ent. Lt. Col. Baird Dept
Ent. Lt. Col. Haig Dept
Ent. Lt. Col. Hobday Dept
Ent. Lt. Col. Hutchinson Dept
Ent. Lt. Col. Hutchinson Dept
Ent. Lt. Col. Hutchinson

temporary establishment for its construction, required by Lieut. Wimscom, at a total cost, for the period estimated, of Rupees (3000) three thousand, inclusive of the outlay on tables, as shown in the margin. His Lordship in Council further grants sanction for an advance of Rupees (200) two hundred being made to that Officer for the preparation of the tables &c., and he requests that Lieut. Wimscom will be so good as to consult with Col. Cotton and all minor points whenever he may have an opportunity of doing so.

A copy of the correspondence which has passed on the subject, will be communicated to the Chief Engineer and to the acting Consulting Engineer for Railways, with a request that they will be good enough to furnish Lieut. Wimscom with all the levels they may have in their possession of any extended lines of country. The Chief Engineer will also be pleased to supply that officer with copies of all the sheets of the Trigonometrical Survey of Southern India.

	Rupees
1 European Superintendent and Draughtsman for 9 months, at Rupees 100 per Mensem	900.
4 Modellers for 12 Months, @ 15 Rs each per Mensem	720.
2 Modellers for 24 Months, @ 15 Rs each per Mensem	720
1 Lascar for 9 months, @ 6 Rs per Mensem	54
1 Draughtsman for 12 Months, @ 35 Rs per Mensem	420
	2814
Cost of tables	180
	2994

Copy to the Comdr-in-Chief Engrs Dept. 30
9 — Chief Engrs with copies of the Corr.ce &c
3 — Consulting Engrs for Railways — with do &c
1 — Dr. Civil Engr. Colleges
3 — Sub. Rly Engrs Cpt &c
1 — Acctt Genl
1 — Civil Audr

Pr. Com.: 2d Feby 1858-80-8
— do — 23d Decr 1857-55-58

Public Works 1858 Depth.
Dft. to Comr. 30th March

No. 370

Copy of Letter of 27th
Dated 27th March 1858

From the Principal of the Civil Engg College
Addressed 29th March 1858

Communicating to the Chief Engineer and Relating Generally
Engineers for Railways, Copies of the
Courses formerly and respectively the Course
Location of the Madras Peninsular
Grand Trunk Railways to the Warden
des, and requesting that they would
furnish Lieutenant Pearson
with all the books they may have in
their possession, of any Extended Lines
of country and also that the Chief
Engineer would depute Lieutenant
Pearson with Copies of all the
Sheets of the Trigonometrical
Survey of Southern India.

No. 382 & 383