1. Number of pages 16
2. Date of repair 17-7-3
3. Initials of Reference

M.R.O. 1—22,408—22-11-80.

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Govt. Lr. 5-5-7

G.O. No. 1502 Press Mis.

28-29

Dated 4—8 1857

Not to be folded or roughly handled

No. 78. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 8th July 1857, No. 1875.

SIR,

With reference to Extract Minutes of Consultation No. 954, dated 14th August 1855, ordering all Locks in the main lines of navigable channels or Canals to be constructed of the dimensions of 150 feet long by 20 feet broad; I have the honor under Clause 2, of Extract Minutes of Consultation No. 696, dated 18th October 1855, to submit a revised Plan and estimate for the four locks in the channel from Poolairoo, near Weyoor, to the Canal basin at Masulipatam, originally planned to be only 16 feet broad.

2. A sum of Rupees 61,275 for the original construction of the four locks is included in the estimate of Rupees 2,37,107 which forms Item No. 66, in statement No. 2 of the current Budget, the cost of constructing them of the enlarged dimensions being Rupees 80,715, making a total excess of Rupees (19,440) nineteen thousand four hundred and forty, or of Rupees 4,860 on each Lock.

3. As explained in para. 2 of the District Engineer's letter No. 6, dated 4th May 1857, the addition of a bridge, in accordance with the opinion expressed by Government of the necessity for such accomodation has been provided for each Lock, and the arrangement is fully concurred in by the Acting Collector of Masulipatam, as stated in that gentleman's letter No. 70, dated 20th April last.

4. The District Engineer in his letter quoted in the last para. reported, that the construction of the Lock near Verunky was about to be commenced, and requested orders as to the dimensions to be given to it, observing that it would be inconvenient, difficult, and expensive to make any alterations hereafter.

5. In reply, in Extract from Proceedings No. 284, dated 14th May the District Engineer was informed, that before commencing the Locks, it would be necessary to obtain the sanction of Government to the revised estimate and he was requested to specify clearly the names of the Locks already sanctioned.

6. In his letter No. 15, dated 2nd Ultimo, the District Engineer states, that no names were given to the Locks, but that the first will be placed near Verunky, the fourth at tide water near Masulipatam, and the two intermediate ones somewhere between the neighbourhood of Needamool, and of Masulipatam; their exact sites to be determined as the excavation of the channel proceeds.

7. The District Engineer further states, that the construction of the Lock at Verunky has been commenced, the foundations having been laid out for a work of the full size, and expresses a hope, that it may be allowed to be proceeded with, with the more than sufficient funds allotted for expenditure this season, in the current Budget, pointing out that the opening of the channel will otherwise be delayed for a whole year, to the incalculable injury of the interest of Government, and of the public.

8. On the explanation given, I have authorized the construction of the Locks of the enlarged dimensions to be proceeded with, on the understanding, that the amount already authorized for the channel is not to be exceeded, and I beg to recommend that the sum of Rupees (19,440) nineteen thousand, four hundred and forty, for which further sanction is required, be entered in the Budget of 1858-59, the estimate having been framed on moderate and sufficient data.

No. 79. ORDER THEREON, No. 1502; dated 4th August 1857.

In sanctioning* the enlargement of the dimensions of the Shadiencooppum Lock from 105 feet by 16, to 150 by 20, the Government desired the Chief Engineer to see that uniformity of plan was observed in the system of canal works for the future. Pursuant to this order Colonel Faber forwards with the above letter a plan and estimate for widening, from 16 to 20 feet, the four Locks in the channel from Poolairoo near Weyoor, to the Canal Basin at Masulipatam; the length of

* E. M. C. 14th Aug 1855, No 954, Rev. Dept.

the Locks in each case being 150 feet as already fixed by Government. Provision is also made in the estimate for constructing bridges over the Locks, which the Government on a former occasion,† admitted to be useful additions. A sum of Rupees 61,275 for the locks in question was included in the estimate of Rupees 2,37,107 for the channel which was sanctioned by the Government of India on the 1st August‡ and 8th October‡ 1856, and the works now proposed will entail an additional expenditure of Rupees 19,440 or Rupees 4,860 for each Lock. The District Engineer it would appear, in constructing one of the locks, had laid out its foundations to the full size, and at that Officer's solicitation, the Chief Engineer on the 8th Ultimo, permitted the works being proceeded with out of the funds allowed in the Budget for 1857-58.

† E. M. C. 30th Octr. 1856, No. 2009, para. 6.

‡ E. M. C. 12th Sept. and 12th Nov. 1856, Nos. 1636, and 2109.

2. The improvements in question are very necessary but the outlay involved thereby exceeds what this Government can sanction under No. II. of the Rules communicated with Colonel Baker's letter of the 1st August§ 1856. The Right Honorable the Governor in Council therefore resolves to submit the plan and estimate to the Government of India, and as the work must under recent orders from that Government, be arrested in common with others, sanction will be solicited for its being included in the Budget for 1858-59.

§ E. M. C. 28th Aug. 1856, No. 1540.

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

No. 80. Ordered in consequence that the following letter be despatched.

From H. FORBES, Esq., Acting Secretary to the Government of Fort Saint George; to Colonel W. E. BAKER, Secretary to the Government of India, dated 4th August 1857, No. 1503.

SIR,

Upon a correspondence which passed in 1855, with the late Board of Public Works respecting the size of the Locks in the East Coast Canal, the Government on the 14th August of that year sanctioned the enlargement of the dimensions of the Shadiencooppum Lock from 105 feet by 16, to 150 by 20; and at the same time desired the Chief Engineer to see that uniformity of plan was observed in the system of Canal works for the future.

2. Pursuant to this order, the Chief Engineer now submits a plan and estimate for widening from 16 to 20 feet the four Locks in the channel from Poolairoo near Weyoor, to the Canal basin at Masulipatam, the length of the Locks in each case being already 150 feet, as fixed by Government. Provision is also made in the Estimate for constructing bridges over the Locks, which are necessary additions. A sum of Rupees 61,275 for the Locks in question was included in the Estimate of Rupees 2,37,107 for the Channel, which was sanctioned by the Government of India on the 1st August* and 8th October 1856, and the works now proposed will entail an additional expenditure of Rupees 19,440 or Rupees 4,860 for each Lock.

* Letters Nos. 3595 and 4763.

3. The improvements in question are very necessary inasmuch as the enlargement of the Locks will secure the free navigation of Steamers and properly constructed passenger boats, and the bridges over the Locks will afford the means of crossing the channel at those sites. As however the proposed outlay exceeds what this Government can sanction under No. II of the Rules communicated with your letter of the 1st August 1856, No. 3605, I am directed to submit the plan and estimate, in view to their being laid before the Government of India; and as this estimate cannot, under recent orders, be immediately acted upon, I have to solicit sanction for its being included in the Budget for 1858-59.

Central Office of Rus
Fort St George 8 July 1857
No 1875

From
The Chief Engineers
To
The Secretary to Government
Rus Department

"Public"
Inwardable Comm. Secy
2nd

With reference to Extract Minutes of Consultation No 954, dated 14th Augt 1855 ordering all Locks in the main lines of Navigable Channels or Canals to be constructed of the dimensions of 150 feet long by 20 feet broad, I have the honor under Clause 2. of Extract Minutes of Consultation No 596, dated 18th October 1855 to submit a revised Plan and Estimate for the four Locks in the Channel from Poolairoo, near Weyoor to the Canal basin at Masulipatam, originally planned to be only 16 feet broad.

2. A sum of Rupees 61275 for the original construction of the four Locks is included in the Estimate of Rupees 237107 which forms item No 65, in Statement No 2 of the current Budget, the cost of constructing them of the enlarged dimensions being Rupees 80715, making a total expense of Rupees (19440) Nineteen thousand four hundred and forty, or of Rupees 4860 on each Lock.

5 - Enclosures
1 Letter from the Secy Govt Rus dated 4 Mar 57 No 6
1 Ab from the Asst Collr Buckingham dy 29 Augt 57 No 70
1 Ab from Do
1 Ab Estt Estimate
1 Plan

As

3. As explained in para 2 of the District Engineer's letter No 6, dated 6 May 1837, the additions of a Bridge, in accordance with the opinion expressed by Government of the necessity for such accommodation, has been provided for each Lock, and the arrangement is fully concurred in by the Acting Collector of Masulipatam, as stated in that Gentleman's letter No 70, dated 29 April last.

4. The District Engineer in his letter quoted in the last para reported, that the construction of the Lock near Vernuky was about to be commenced, and requested orders as to the dimensions to be given to it, observing that it would be inconvenient, difficult, and expensive to make any alterations hereafter.

5. In reply, in Extract from Proceedings No 284, dated 24 May the District Engineer was informed, that before commencing the Locks it would be necessary to obtain the Sanction of Government to the revised Estimate, and he was requested to specify clearly the names of the Locks already sanctioned.

6. In his letter No 13, dated 2 ult, the District Engineer states, that no names were given to the Locks, but that the first will be placed near Vernuky, the fourth at tide water near Masulipatam, and the two intermediate ones somewhere between the neighbourhood of Neelamcole and of Masulipatam; their exact sites to be determined as the excavation of the Channel proceeds.

7. The District Engineer further states that the construction of the Lock at Vernuky has been commenced, the foundations having been laid out for a work of the full size, and expresses a hope, that it may be allowed to be proceeded with, with the more than sufficient funds allotted for expenditure this season in the current Budget; pointing out, that the opening of the Channel will otherwise be delayed for a whole Year, to the irreparable injury of the interests of Government, and of the Public.

8. On the explanation given, I have authorized the construction of the Locks of the enlarged dimensions to be proceeded with, on the understanding, that the amount already authorized for the Channel is not to be exceeded, and I beg to recommend that the sum of Rupees (19,140) Nineteen thousand, four hundred and forty, for which further sanction is required, be entered in the Budget of 1838/39, the Estimate having been framed on moderate and sufficient data.

I have, the honor &c.

Central Office 8 July 1837.

Fort St George 8 July 1837.

Your most Obed & Servant.

Sir

Colonel

Chief Engineer

W. Ops. Engr. M.C.

Ed/Sp

P.W.D.

No 1502

Extract from the Minutes of Consultation

Under date the 14th augt 1857.

Read the following

Letter from the Chief Engineer.

(Here enter 8th July 1857 No 1875)

In sanctioning

the enlargement of the dimensions of the Shadien Coopum Locks from 105 feet by 16 to 150 by 30, the Government desired the Chief Engineer to see that uniformity of plan were observed in the systems of Canal works for the future. Pursuant to this order Colonel Fraser forwards with the above letter a Plan and Estimate for widening from 16 to 30 feet, the four Locks in the Channel from Soolaroo

E.M.C. 14 August 1857
No 954. Res. Dept.

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16
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Read 4th August 1857 No 1538
Comm. 4th August 1857 No 1538
" 10th Sept " " 1646 " 44 Chains
" 18th Sept " " 1720 " 20 @ 4/3
" 4th " " 1800 " 20 @ 4/3

Read 8th July 1857
Recd 8th " "
Entered "

Read 8th July 1857
Recd 8th " "
Entered "

Fort St George 1857 No 1538
Comm. 4th August 1857 No 1538

From Lieut Colonel Fraser
Chief Engr & Secy
To Govt of Fort St George
Dated 4th July 1857
Recd 8th " "
No 1875

From Lieut Colonel Fraser
Chief Engr & Secy
To Govt of Fort St George
Dated 29th July 1857
Recd 31st " "
No 2038

Public Works Department

Chief Engineer's Office
Fort St George the 4th July 1857

From Lieut Colonel Fraser
Chief Engr & Secy
To Govt of Fort St George
Dated 29th July 1857
Recd 31st " "
No 2038

Public Works Department

Chief Engineer's Office
Fort St George the 29th July 1857

Sir

I have the honor to forward a Plan and Estimate for widening from 16 to 30 feet, the four Locks in the Channel from Soolaroo to Pondicherry, and recommend the same for early sanction.

I have the honor to be
Sir
Your most obedient Servant
(Signed) J. Fraser
Lieut Colonel
Chief Engr & Secy

To the Secretary to Govt
Public Works Department
Fort St George

Sir

Forwarded Plan and Estimate for widening from 16 to 30 feet, the four Locks in the Channel from Soolaroo to Pondicherry, and recommended the same for early sanction.

I have the honor to be
Sir
Your most obedient Servant
(Signed) J. Fraser
Lieut Colonel
Chief Engr & Secy

To the Secretary to Govt
Public Works Department
Fort St George

near Negoor, to the Canal basin at Masulipatam; the lengths of the Locks in each case being 150 feet as already fixed by Government. Provision is also made in the Estimate for constructing Bridges over the Locks, which the Government on a former occasion, admitted to be useful additions. A sum of Rs. 61,275 for the Locks in question was included in the Estimate of Rs. 2,87,107 for the Channel which was sanctioned by the Government of India on the 1st August and 8th October 1856, and the works now proposed will entail an additional expenditure of Rs. 17,440 or Rs. 4360 for each Lock. The District Engineer it would appear, in constructing one of the Locks, had laid out its foundations

* E.M.C. 31 October 1856 No 2209 para 6.

* E.M.C. 12 September 12 Nov. 1856 Nos 1636 and 1637

* E.M.C. 28 August 1856 No 1720.

5

foundations to the full size, and at that Officer's solicitation, the Chief Engineer on the 8th Instant, permitted the works being proceeded with out of the funds allowed in the Budget for 1857/58.

2 The improvements in question are very necessary, ~~undeniable~~, but the outlay involved thereby ~~for~~ exceeds what this Government can sanction under No. VII of the Rules communicated with Colonel Balfour's letter of the 1st August 1856. The Right Honorable the Govern. in Council therefore resolves to submit the Plan and Estimate to the Government of India, and as the works cannot under recent orders from that Government, be executed in any manner with others, the sanction

sanction will be solicited for
its being included in the
Budget for 1858/59.

Ordered accordingly
that the following letter be
dispatched.

To Col. M. C. Barber
Secy to the Govt of India.

(Here enter 4 Aug 57
N. 503

J. Copies to the
Chief Engr
with Govt Order
Dispatched

4 Colonel Dirs.

No. 1503 P. W. D.

7

To,

Colonel W. E. Baker

Secretary to the Govt. of India

Sir,

Upon a correspondence which passed in 1856 with the late Board of Public Works respecting the size of the Locks in the East Coast Canal, the Government on the 11th August of that year sanctioned the enlargement of the dimensions of the Thudiencoopum Locks from 105 feet by 16 to 150 by 20; and at the same time desired the Chief Engineer to see that uniformity of plan was observed in the system of Canal works for the future.

Pursuant to this order the Chief Engineer now submits a Plan and Estimate for widening from 16 to 20 feet

the

Public Works Dept. 1857 Dec. 4 Copy forwarded. No. 1502.

Interest on Loans.

Copy of a request for a limit to the Government Guarantee on the Madras Railway Loan of 1857 in the Public Works Department.

Pleader Aug. 1858 No. 3438. 1858 Sept. 29 No. 2845 to 3 Nov. 18 " " 2 " 18 " " 2

Certain Limit to Government Guarantee on Madras Railway Loan of 1857 in the Public Works Department.

Nov. 1859. 89

29 July

the four Locks in the Channel from Poolaiva near Weyon, to the Canal basin at Mavu-
-lipatam; the lengths of the Locks in each case being already 150 feet, as fixed by Govern-
-ment. Provision is also made in the Estimate for constructing Bridges over the Locks, which ~~are~~ may require ~~to be~~ additions. A sum of Rupees 61,255 for the Locks in question was included in the Estimate of Rupees 237,107 for the Channel, which was sanctioned by the Government of India in the 1st* Augt and 8th* October 1856, and the works now proposed will entail an additional expenditure of Rupees 19,440 or Rupees 4860 for each Lock.

3 The improvements in question are very necessary ~~and desirable~~, inasmuch as the enlargement of the Locks will secure the free navigation of Steamers and properly constructed passage-boats, and the Bridges over the Locks will afford the means of crossing the Channel at those sites. As however the proposed outlay ~~for~~ exceeds what this Government can sanction under No II of the Rules communicated with your letter of the 1st August 1857 No 3605, I am directed to submit the Estimate, in view to their being laid before the Government of India and as this Estimate cannot, under present orders, be immediately acted upon, I am to solicit sanction for its being included in the Budget for 1858/59.

Fort St. Geo: 4th Augt 1857

* Letters No 357 Gen and 4763.

11

Public Works 1857 — Sept.
Cons 4th August

No 1509

To the Secretary to the
Govt of India. D. P. W.
Dated 4th August 57.

From — Do — 11th Sept 57.
C. No 1899 inclo. 6 — Oct

Submitting a Plan and
Estimate in order to their be-
ing laid before the Govt of
India, for widening the four
Locks in the Chanel from
Colaroon near Negoor, to
the Canal Basin at Pra-
sandipatanam, and asking
an expenditure of Rupees
19,666.

No 380.

C29 Dep