

MADRAS RECORD OFFICE.

Government of Madras.

Marine DEPARTMENT.

G.O. No. *356*

Press
~~Misc~~

Dated

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18 *52*

Not to be folded or roughly handled

Fort Saint George, Marine Consultation, 14th September 1858.

No. 11. EXTRACT FROM THE MINUTES OF CONSULTATION in the Public Works Department,
(Public,) under date the 25th August 1858, No. 1719.

(*Vide* Diary, Public Works Consultation, 31st August 1858, Nos. 7 and 8.)

(*Regarding the system of collecting Pilotage, &c., and also the proposition of an increase of
Salary to the Manager of Sea Customs for the extra duty of collecting the Tolls.*)

No. 12. ORDER THEREON, No. 356 ; dated 9th September 1858.

Ordered to be communicated to the Superintendent of Marine, who will report on Major Lawford's proposal respecting the entertainment of one Establishment of Pilots for the Paumben and Keelakurry Channels, and the increase to the salary of the Sea Customs Manager for the extra duty of collecting Tolls imposed on him.

(Signed) T. PYCROFT,
Chief Secretary.

No. 1719.

Extract from the Minutes of Consultation under date the 25th August 1858.

Read the following letter from the Superintending Engineer Southern Circle, in charge of Central Office of Public Works.

Submits with reference to Extract Minutes Consultation No. 2335, dated 17th December 1857, correspondence affording information respecting the Works at Paumbem and recommends certain Estimates and arrangement for the sanction of Government. } (Here enter 22nd April 1858, No. 9218.)

1. With this letter, the Superintending Engineer Southern Circle in charge of the Central Office of Public Works forwards a report received from the Acting District Engineer of Madura, submitting the information and the Statements called for in the order of Government, dated 17th December 1857, No. 2335, respecting the Works at Paumbem.

2. From the papers now before Government they find that the total amount of expenditure on the Channel from 1st May 1854 to 30th April 1857 inclusive of the cost of Establishment and purchase of Boats is Rupees 59,970-13-0 and that the net revenue derived from anchorage dues, Pilotage &c., during the same period amounts to Rupees 31,599-13-7. Thus the total outlay on the work is much larger than the income derived from it as already stated by Government. If however the interest only on the capital expended during the three years in question for opening the Channel, together with the outlay for the same time on repairs and maintenance be set against the receipts, the work will be shown to have been remunerative. Major Lawford also observes that the expectations originally entertained with regard to the returns will be more than realized as the operations on the Channel approach to completion and the Commanders of Vessels of a larger tonnage are enabled to avail themselves of the passage. The Government are glad that the usefulness of the Paumbem pass is being appreciated and that it is likely to be used to a large extent.

3. The Statement of expenditure on the Paumbem Channel as now prepared according to the principles laid down by Government, shews a sum of Rupees 36,046-15-8, being in excess of the estimate sanctioned by the Government of India on the 21st April 1854 by Rupees 5,796-15-0. This excess is however nominal, having arisen from the circumstance of certain items* having been included in the amount of expenditure according to the orders of

Government; and the Government therefore sanction the amount viz., Rupees 5,796-15-0 in order to its being admitted by the Accountant General. It is not however necessary that, any adjustment should be made in the Accounts of the Civil Auditor or Military Auditor General at this distant period. The Civil Auditor will be furnished from the Chief Engineer's Office with a passed Bill for the amount of expenditure up to 30th April 1856. The expenditure of the subsequent periods commencing from 1856-57 will be subject to the control and final Audit of the Accountant General under the

new system. It is hoped that accounts commencing 1st May 1857 will be prepared according to the principles laid down in Extract Minutes Consultation 17th December 1857.

4. Major Lawford was right in instructing the Acting District Engineer to furnish the Collector with the Memo. of the cost of Convict labor. It will be enough if the Memo. contains the amount included on account of that item in the Statement of expenditure on the Paumbem Channel.

5. In para. 5, Major Lawford refers to the system of collecting Pilotage &c., and commends to the notice of Government the remarks of the Acting District Engineer concerning the Keelacurray Pilots and the entertainment of one Establishment of Pilots for both Channels on a uniform principle. This as well as the proposition contained in para. 6 of the letter regarding a small increase to the salary of the Sea Custom Manager for the extra duty of collecting Tolls will be referred to the Marine Department for consideration and orders.

Extract Minutes of Cons. dated 4th April 1856, No. 490.
" " " " 21st May " " 755.
" " " " 19th Decr. " " 2365.

6. The revised estimate now submitted for the improvement of the sand-bank channel amounts to Rupees 15,700 while the amount of the former estimate was Rupees 22,300. It provides for deepening the passage to 13 feet at low-water, neap-tides throughout its entire length, and for increasing its width from 80 to 150 feet. Major Lawford states that the estimate has been carefully prepared; and recommends it for sanction. The Government accordingly sanction the estimate amounting to Rupees 15,700, out of this, the amount proposed for expenditure in the current official year is Rupees 12,000, as stated in para. 8. A sum of Rupees 10,000, having already been sanctioned on 17th December 1857, and entered in the Budget for 1858-59, that amount will be taken on account of the estimate now sanctioned; and the addition of 2,000 Rupees required for the execution of the work will also be expended from the general funds placed at the disposal of the District Engineer of Madura.

7. As regards the annual maintenance allowance required to keep the Channel in an efficient state, Lieutenant Campbell after stating certain difficulties in determining the exact amount necessary, proposes as an experimental measure an annual sum of Rupees 2,000; and Major Lawford supports the proposition with his recommendation. An annual grant of 2,000 Rupees is accordingly sanctioned to take effect from 1st May 1859.

8. As the best means of keeping the Channel clear, the Acting District Engineer suggests the use of a hand Dredge and gives his reasons in detail, why a Steam Dredge is not well adapted for the purpose. He states that the use of a hand Dredge worked by Convicts has already been tried with success at Paumbem. Major Lawford entirely agrees with the District Engineer in considering that a hand Dredge will be much less expensive, of more service and a great deal better adapted for removing the deposit than the Steam Dredge. He accordingly forwards an estimate amounting to Rupees 2,130 for the construction of the proposed Dredge, with the Machinery belonging to the old one, which is available. As the Government are satisfied from the reasons given that a hand Dredge is likely to prove more useful for clearing the accumulations in the Channel with great facility, they are pleased to sanction the sum of Rupees 2,130 out of the one lac fund in order that the Dredge may be constructed at once so that it may be available for the operations of the next year.

9. For the permanent establishment to be entertained at Paumbem Channel, Major Lawford suggests that the full amount of a 3rd Class Executive Engineer's establishment viz. Rupees 150 per month may be allowed. The several servants whom Major Lawford enumerates are those who have hitherto been employed and paid partly on the abstracts passed by the Civil Auditor and partly out of the estimates. The Government believe that it is desirable to bring the whole strength on the permanent establishment. To the establishment proposed by the District Engineer which amounts to 426 Rupees, Major Lawford makes an addition of 9 Rupees viz. Rupees 2 as an increase to the pay of the Store Goomastah and 7 Rupees as the pay of an additional Lascar to the office. The Government admit the necessity of the increase of 2 Rupees to the Store Goomastah, considering the nature of the responsibility imposed on him; but it appears to them that the addition of a Lascar is not necessary, as one can be given to the office out of the six Lascars proposed by the Acting District Engineer. Thus omitting the pay of the additional Lascar, the amount of the establishment proposed by Major Lawford will be Rupees 428; of this Rupees 312 appear to have the necessary authority as they are drawn on the audit of the Civil Auditor and the remainder Rupees 116 being in excess of the usual establishment, require the sanction of the Government of India; but this being a charge hitherto incurred out of the estimate, the Government grant sanction for the inclusion of it in the permanent establishment as the measure entails no additional expenditure to the State, subject however to the confirmation of the Supreme Government. The Officiating Chief Engineer will submit at an early date a Tabular Statement in the prescribed form for submission to that Government. The amount of the establishment inclusive of the sum now sanctioned will be Rupees 428 as follows.

1 Superintendent	...	...	...	...	...	...	...	...	200 0 0
1 Overseer	...	...	...	...	...	...	...	...	85 0 0

Office.

1 Writer	...	...	...	...	...	...	...	...	30 0 0
1 Do.	...	...	...	...	...	...	...	...	15 0 0
1 Store Goomastah	...	...	...	...	...	...	...	...	12 0 0
1 Lascar	...	...	...	...	...	...	...	...	7 0 0
									64 0 0

Boat Lascars.

1 Tindal	...	...	...	...	...	...	...	...	9 0 0
3 Lascars at 7 Rupees each	...	...	...	...	...	...	...	...	21 0 0
2 Do. at 6 Rupees each	...	...	...	...	...	...	...	...	12 0 0
									42 0 0

Workshop.

1 Smith	...	...	...	...	...	...	...	...	12 0 0
1 Carpenter	...	...	...	...	...	...	...	...	12 0 0
1 Hammer-man	...	...	...	...	...	...	...	...	9 0 0
1 Bellows-boy	...	...	...	...	...	...	...	...	4 0 0
									37 0 0
									143 0 0
									428 0 0
Deduct amount drawn on the Audit of the Civil Auditor	...	...	...	...	...	...	...	...	312 0 0
									Difference..... 116 0 0

10. Major Lawford, has correctly interpreted the intentions of Government in regard to the position of the Superintendent of Operations at Paumbem. He should be considered as being under the orders of the District Engineer just like any other Executive Officer in the Public Works Department. He will draw funds through and render his accounts to the District Engineer and be in every respect subordinate to him.

(A true Extract.)

[Signature]
Chief Secretary.

To the Officiating Chief Engineer.

- „ Accountant General.
- „ Military Auditor General.
- „ Civil Auditor.
- „ Marine Department, with copies of the letter, enclosure and Statements G. H. I.

Recd 27th

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By Geo Wash

*Erinaceus concolor**Review the Public Works*

Sept. 1919.

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Key West and of Havana, who will report on Major General's prospects respecting the establishment of one or two stations of pilots for the Cuban and Yucatecany channels, and the increase of the salary of the sea custom-house for the extra duty of collecting tolls imposed on him.

Ms 356

W. H. H.

Ordre de communication à Mr
l'intendant de Marine, avec avis

about on Major General's business
reflecting the entertainment of one to
the statement of Pilate for the number

2. *Andropogon*,
Andropogon, 1858-9



Only the Capt. of Marine & Dragoon the
and 13 footmen & Dragoon in
" the work & the Dragoon in.

to left of Marion
with 13 Indians

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Detroit Mich.

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with an order