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GOVERNMENT OF MADRAS

Revenue DEPARTMENT

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Dated 16.4.1875 196 .

Not to be folded or roughly handled

Proceedings of the Madras Gov , *Public Works Department,*
14th A 1875.

Read the following papers:—

No. 293. From Major J. O. HASTED, R.E., Superintending Engineer, 1st Division, Kistna, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Bez , 18th November 1874, No. 110.

I HAVE the honor to forward, herew mate, amounting to Rupees 8,000, her with two plans* for construct-

* By Banghy. ing a wharf wall on the north side of the Masulipatam Canal immediately above Chintaguntapolliem bridge.

2. The survey shows the ground originally taken up for the canal, for which compensation has been paid; the people who have encroached on the canal limits will be warned to remove, and no further compensation will be necessary.

3. The work has been entered in dget for 1875-76, and the estimate would have been submitted earlier but t sure of work.

4. The soil through which the canal is carried near the bridge is loose sand, and great inconvenience is now felt in loading and unloading boats, coolies having to carry the cargo through the water to the ats, and thus bringing in the sand to such an extent that the canal becomes muc ilted up.

5. I have allowed a length of 900 fee for the wharf, which, I think, will be necessary, but the whole length need not be carried out in one season.

No. 1,063.

Note by the Chief Engineer for Irrigation.

No. 29 A. THE proposal of the Superintending Engineer, Kistna, to provide a wharf 900 feet in length on the Masulipatam Canal taguntapolliem, near Masulipatam, is considered to be reasonable. The ed cost of this improvement is Rupees 8,000, and this is a moderate su pend on a work which will much facilitate the trade and traffic of the can do away with the inconvenience, both to the canal traffic generally and to merchants, which the present rude method of loading and unloading in shallow water occasions.

2. It is thought that the cost of the improvement should form a capital charge against the canal, as revenue is obtained from the boats licensed to use it in common with the other canals of the delta, and that the estimate may be sanctioned for execution from the ordinary grant under Agricultural.

3. It is probable that the Collector been consulted with regard to these proposed improvements, though this has not been mentioned, and the Superintending Engineer has been requested to obtain a formal expression of Mr. Leman's views on the subject. A reply to this ref ce would have been obtained prior to the submission of the estimate to Gov nment had not the budget been now under compilation. From the traf nished periodically it appears that the annual traffic on this canal i

	Number.	Tonnage.	Value of Merchandize.
Boats...	1,230	28,965	12,50,529

4. The modifications of detail n e sheet of sections should be attended to in carrying out the work.

CAMP AT GUNGAVALLY,
16*th December* 1874.

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

No. 293-B. Endorsement of the Chief Engineer for Irrigation, dated 9th March 1875.

From Major J. O. HASTED, R.E., Superintending Engineer, Kistna, to Lieutenant-Colonel J. MULLINS, R.E., Chief Engineer for Irrigation, dated Camp at Nursarowpett, 22nd bruary 1875, No. 147.

WITH reference to your memo im, No. 1,062, dated 16th December 1874, I have the honor to forward copy of a letter from the Collector, Kistna, on the subject of the proposed wharf wall at Chintaguntapolliem. In sending up the estimate I omitted to mention that it had been prepared after personal communication with the Collector.

2. I have been unable to find the actual amount of traffic at Chintaguntapolliem, as no traffic registers has been up there, and part of the goods brought down by canal are carried direct to the port. The principal merchants' godowns are, however, in the town of Masulipatam, and most of the goods are landed at Chintaguntapolliem. All passenger-boats start from, and unload at, Chintaguntapolliem. The accompanying traffic statement, prepared as accurately as possible from the very incomplete returns of former years, shows the number of both cargo and passenger boats that have passed through the lock immediately above Masulipatam; it appears that an average of at least 400 boats per mensem, during the nine months the canals are open, pass to and from Chintaguntapolliem.

3. The enclosed memorandum, showing the exports from Masulipatam during the past three years, is also enclosed; much of the produce exported, such as oil-seed, &c., is brought down the canal to Masulipatam.

From G. D. LEMAN, Esq., Collector of Kist... trict, to Major J. O. HASTED, R.E., Superintending Engineer, Kistna, dated Ma... atam, 21st January 1875, No. 47.

I HAVE the honor to reply to your letter ...72, dated 11th January 1875, that a wharf wall and roadway are very much needed at Chintaguntapolliem.

2. The present approach to the canal being through deep sand is very difficult, and the loading and unloading of boats is conducted with great difficulty and with unnecessary delay.

SUBMITTED to Government in continuation of the Note of the 16th December last, No. 1,063.

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

No. 294. ORDER THEREON, 14th April 1875, No. 998.

IRRIGATION, No. 33.

...ear Masulipatam being, it is obse... THE estimate of Rupees 8,000, for ... formation of a quay on the Masuli... from navigation, cannot be sanctio... ...am Canal at Chintaguntapolliem, ...ly equivalent to one year's revenue ...be subscribed by those interested ... unless either one half of the sum required ...the use of the quay as the Collect... construction, or such a toll be levied for ...Superintending Engineer may consider

will produce an annual income of at least Rupees 600, the toll to be obtained by the issue of licenses to boats, allowing of the use of the quay for one year, or other suitable means.

2. If these conditions be complied with, the estimate will be sanctioned under Agricultural Ordinary, Capital Navigation.

3. Looking to the small receipts from navigation in the Kistna Delta, and to the large outlay which has been made upon navigable canals, the Government would wish to know how it is that the apparently considerable traffic exhibited in the returns yields so little. From the budget estimates it appears that the actual receipts of 1873-74 from navigation were Rupees 8,663, and the statement submitted by the Superintending Engineer shows that on the Masulipatam Canal alone in that year the traffic was—

Laden cargo boats ...	...	No. 966
Do. passenger do. ...	...	,, 3,171
Registered tonnage ...	...	Tons 24,506
Value of merchandise ...	...	Rs. 21,16,569

If, as seems probable, boats licensed in the Godavery are free to use the Kistna canals also, it is time that the trade of the Kistna should be required to contribute to the cost of the facilities afforded by the canals of that delta, and for the future all licenses of each delta should clear boats only up to the Ellore Lock or to the district boundary on the Uputeru, as the case may be. The Conservancy Establishment under Navigation is estimated to ... upees 10,056 for the year 1875-76, and an endeavour must be made to cover ... orking expenses by receipts at the earliest possible moment.

4. This order will have effect on all ... censes issued after the 30th June next, and on all licenses from the 1st Jan... 76.

(True E...

... Colonel, R.E.,
...etary to Government.

To the Superintending Engineer, Kistna
,, District Engineer, Godavery.
,, Chief Engineer for Irrigation.
,, Revenue Department.

Exd. S. T. Austin
... Spare Copies

No 1375
Revenue Department
Govt of [1875] Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER

&c. &c.

Dated April 1875.

Issued

Read —o— 15th

G. O., 10th April 1875, No. 998.

APRIL.

Nos. 293 294

Copy of the Memo of the Govt
Public Works Department
16. April 75