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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Con. 20-10-57

G.O. No. 1827 Press Mis.

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Dated 16-10-1857

Not to be folded or roughly handled

PUBLIC WORKS DEPARTMENT.

Public.

Fort Saint George,

14*th October* 1857.

No. 1927.

From

H. FORBES, Esq.,

Acting Secretary to the Government of Fort St. George.

To

COLONEL W. E. BAKER,

Secretary to the Government of India, D. P. W.

SIR,

In a letter from this Department, dated 8th December 1856, No. 2276, the sanction of the Government of India was solicited to the immediate execution of certain works at the three Barriers of Sinteral, Enchampilly, and Dewalamurry, at an expenditure of Rupees 35,600, exclusive of an annual allowance of Rupees 5,760 for establishments, in view to the navigation on the Godavery being kept up for 9 months in the year, from the Coast to the Ronzaie falls on the Wurdah, 20 miles form Hingenghaut and 70 from Nagpore. These works were proposed by Lieutenant Haig, in his letter to the Chief Engineer of the 28th June last,* for the partial improvement of the navigation, in anticipation of the larger, more expensive, and protracted operations discussed in his report of the 3rd May 1856.

* See pages 82 to 87 of printed Report on the Navigation of the Godavery.

2. Pending the receipt of the sanction of the Government of India to the above expenditure, Lieutenant Haig took upon himself the responsibility of commencing the construction of two submersible locks at the Sinteral Barrier, out of a sum of Rupees 6,000 which this Government had placed at his disposal for the purchase of materials required for the Tram roads, the construction of which formed part of the project recommended to the Government of India, in the letter of 8th December above quoted. The views of this Government on Lieutenant Haig's proceeding, are recorded in the correspondence noted in the margin, and need not here be adverted to.

From Chief Engr. 27th March 1857 } P. W. Cons. 21st April
Ex. Mins. Cons. 9th April 1857 } 1857. Nos. 38-39.
From Chief Engr. 19th June 1857 } Cons. 17th July 1857
Ex. Mins. Cons. 2nd July 1857 } Nos. 14-15.
Forwarded to the Government of India with the Consultations above indicated.

3. From the accompanying letter, and its enclosures, from the Chief Engineer, it will be seen that Lieutenant Haig is now in favor of constructing submersible locks, as a temporary measure, at the Barriers of Sinteral and Enchampilly, in lieu of the Tram roads which he had previously recommended, and has accordingly submitted the following approximate estimate, amounting to Rupees 25,200, providing among other items, for the completion of the unfinished lock at the Sinteral Barrier, and the construction of similar works at the Barrier of Enchampilly; the present estimate being in supersession of the expenditure adverted to in para. 1 of this letter.

From Chief Engineer 18th August 1857, No. 3005 with Enclosures.

Sinteral Barrier.

	Rs.	Rs.
Completing the Lock at the mouth of the Doomgoodiem Lunka channel	1,500	
Blasting and clearing rock in the channel	500	
Constructing a low Dam of loose stones across the channel above the lock, in the lower Barrier, to retain the water at the proper level at the lock	500	
Clearing the channel between Sinteral and Buddrachellum	1,500	
		4,000

Enchampilly Barrier.

Constructing a Dam 12 feet high across the head of the Summer channel through the rocks opposite Neelumpilly	2,500	
A double Lock, with a total lift of 20 feet, above half a mile below Neelumpilly	6,000	
A Lock with a lift of 10 feet at the junction of the Indravutty	4,000	
Blasting and clearing rock in the channel	500	
		13,000
		17,000

Dewalamurry Barrier.

Repair of road at the above Barrier	7,200
	24,200
Establishment for 5 months, at 600 Rupees a month, for removing shoals in open parts of the river	3,000
	27,200
Deduct Establishment sanctioned in Extract Minutes Consultation, 25th May 1857, No. 1003	2,013
Remainder	25,187
Or in round numbers	25,200

4. In consequence of a representation from Lieutenant Haig that certain shoals, between Daverapully and the annicut at Dowlaishweram, obstructed navigation and required to be deepened, the Government of India,* on the application of this Government, sanctioned the entertainment of an establishment for that purpose for three months, at a cost of Rupees 2,013 for the whole period. Owing however to the lateness of the season, the work was not undertaken, and the amount is available for the next dry season. Lieutenant Haig states that the Superintendent will be provided from the permanent establishment of the Public Works Department; and that deducting the salary proposed for him, his writer and lascars, amounting for three months to Rupees 813, there will remain Rupees 1,200, or Rupees 400 per mensem, for the work. But he now recommends that the establishment should be entertained from January, instead of March, to the end of May and that another establishment, at 200 Rupees per mensem, should be sanctioned for the same period for clearing the river between the Sinteral and Enchampilly Barriers; the total amount required for five months being Rupees 3,000 as shown in the margin. He has accordingly included the amount in his present estimate.

* From Government of India, 30th April 1857, No. 2001, in Consultation, 26th May, No. 1003.

	Rs.
Amount originally sanctioned for clearing the river between Daverapully and the annicut at Dowlaishweram	2,013
Deduct Superintendence	813
Remainder for 3 months	1,200
For 5 months	2,000
For clearing river between the Sinteral and Enchampilly Barriers, at 200 Rupees a month, for 5 months	1,000
Total	3,000

5. The advantages, public and commercial, anticipated from the partial improvement of the navigation, by the removal of obstructions at the three Barriers referred to, are set forth in Lieutenant Haig's letter of the 28th June 1856; and this Government would have no hesitation, under ordinary circumstances, in pressing for immediate sanction to the estimate now submitted. Even as it is, the Government consider the vast advantages to be gained so wholly disproportionate to the trifling outlay proposed, that they cannot but hope that the estimate may meet with acceptance by the Government of India, but should this hope be disappointed, they will still feel satisfied that the proposal has been submitted, in order that it may receive consideration in Calcutta in the Department of Public Works, so that the Government of India may be in a position to accord their sanction as soon as the state of the finances may render it possible to remove the restriction which is now so unfortunately placed on all public improvements. The question of free and easy access to the cotton fields of Berar is now attracting that attention which forces on this Government the necessity of pressing the present matter on the attention of the Government of India.

I have the honor to be,

Sir,

Your most obedient Servant,

(Signed) H. FORBES,

Acting Secretary to Government.

Ch. Engr's Office 17th Oct.
To

No 1927

Lieutenant Colonel W. E. Baker
Secretary to the Government of India
in the Depart.t of Public Works.

Sir,

I am a letter from this Department dated 8th December 1856 No 2276, the sanction of the Government of India was solicited to the immediate execution of certain works at the three barriers of Sintral, Encham-pilly, and Dewalamurry, at an expenditure of Rupees 35,600, exclusive of an annual allowance of Rupees 5,760 for establishments, in view to the navigation on the Godavery being kept up for 9 months in the year, from the coast to the Rowzaie falls on the Wurdah, 20 miles from Hingenhaut and

and 70 from Nagpore. These works were proposed by Lieut.t Haig, in his letter to the Chief Engineer of the +28th June last, for the partial improvement of the navigation, in anticipation of the larger, more expensive, and protracted operations discussed in his report of the 3rd May 1856.

+ See pages 82 to 87 of printed report on the Navigation of the Godavery.

2 Pending the receipt of the sanction of the Government of India to the above expenditure, Lieutenant Haig took upon himself the responsibility of commencing the construction of two submersible locks at the Sunteral barrier, out of a sum of Rupees 6000 which this Government Government had placed at his disposal for the purchase of materials required for the Tram roads, the construction of which formed part of the project recommended to the Government of India, in the letter of 8th December above quoted. The views of this Government on Lieutenant Haigs proceeding, are recorded in the correspondence noted in the margin, and need not here be adverted to.—

From Chief Engr. 27th March 57 } P.W. Cons. 21st April 1857
Ex. 6th April 1857 - - } Nos. 38-39.
From Chief Engr. 19th June 1857 } Cons. 17th July 1857
Ex. 2d July 1857 - - - } Nos. 14-15.
Forwarded to the Government of India with the Consultations above indicated.

From Chief Engr. 18th Augt 57 N. 3005 with Enclosures.

3 From the accompanying letter, and its enclosures, from the Chief Engineer, it will be seen that Lieut.t Haig

Haig is now in favor of constructing submersible locks, as a temporary measure, at the barriers of Sinteral and Enchampilly, in lieu of the Tram roads — which he had previously recommended, and has accordingly submitted the following approximate Estimate, amounting to Rupees 25,200, providing, among other items, for the completion of the unfinished lock at the Sinteral barrier, and the construction of similar works at the barrier of Enchampilly, the

the present estimate being in supercession of the expenditure adverted to in para 1 of this letter.

Sinteral Barrier

	Rs.	
Completing the lock at the mouth of the Doongoodiem Ludhia channel	1500	
Blasting and clearing rock in the channel	500	
Constructing a low dam of loose stones across the channel above the lock, in the lower barrier, to retain the water at the proper level at the lock	500	
Clearing the channel between Sinteral & Beddanchellum	1500	4,000.

Enchampilly Barrier

Constructing a dam 12 feet high across the head of the Summer channel through the rocks opposite Nellampilly	2500	
A double lock, with a total lift of 20 feet, above half a mile below Nellampilly	6,000	
A lock with a lift of 10 feet at the junction of the Sudravutty & Indamutty	4000	
Blasting and clearing rock in the channel	500	13,000.
		17,000

Dewalemmy Barrier

Repair of road at the above barrier		7,200
		24,200
Establishment for 5 Months, at 600 Rs a month, for removing shoals in open parts of the river		3,000
		27,200
Deduct Establishment Sanctioned in E.M.C. 25th May 1857 No 1003		2,013
Remainder		25,187.
or in round numbers		25,200.

In consequence of

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a representation from Lieut Haig that certain Shoals, between Daverapully and the annicut at Dowlaisweram, obstructed navigation and required to be deepened, the Government of India, on the application of this Government, sanctioned the entertainment of an establishment for that purpose for three months, at a cost of Rupees 2013 for the whole period. Owing however to the lateness of the season the work was not undertaken, and the amount is available for the next dry season. Lieutenant Haig states that the Superintendent will be provided from the permanent Establishment of the Public Works Department, and that, deducting the Salary proposed for him, his writer and Lascars, amounting for three Months to

+ From Govt of India 30th April 1570 of 2001, in Cons. 26th May No. 1003.

Amount originally sanctioned for clearing the river between Daverapully and the Annicut at Dowlaisweram — 2013
Deduct Superintendence — 813
Remainder for 3 Months — 1200
For 5 Months — 2000
For clearing river between the Sisteral and Enchampilly barriers, at 200 Rs. a Month, for 5 Months — 1000-
Total 3000

to Rupees 813, there will remain Rupees 1200, or Rupees 400 per Measure, for the work. But he now recommends that the establishment should be entertained from January, instead of March, to the end of May, and that another establishment, at 200 Rupees per Measure, should be sanctioned for the same period for clearing the river between the Sisteral and Enchampilly barriers; the total amount required for five Months being Rupees 3000 as shown in the Margin. He has accordingly included the amount in his present estimate.

4. The advantages, public and commercial, anticipated from the public improvement of the navigation, by the removal of obstructions at

at the three barriers referred to, are set forth in Lieutenant Haig's letter of the 28th June 1856; and this Government would have no hesitation, under ordinary circumstances, in pressing for immediate sanction to the Estimate now submitted. Even as it is the Government consider the vast advantages to be gained so ~~wholly~~ disproportionate to the trifling outlay proposed, that they cannot but hope that the estimate may meet with acceptance by the Government of India, but should this hope be disappointed, they will still feel satisfied that the proposal has been submitted, in order that it may receive consideration in Calcutta in the Department of Public Works, so that the Government of

of India may be in a position to accord their sanction as soon as the state of the finances may render it possible to remove the restriction which is now so unfortunately placed on all public improvements. The question of free and easy ways to the Cotton fields of Berar is now attracting that attention which forces on this Government the necessity of pressing the present matter on the attention of the Government of India.

Fort St. George 14th October 1857.

29-11-116 II

Copy in a Letter to England
D/ 23d. March 1859. No. 3.

Public Works 1857 Dep.t
Dy. to Govt. 20th October.

No 1927

To The Secretary to the
Govt. of India
D/ 14th October 1857.

From Dy. Sec.y to Govt. D/ 8th Decr. 57 No. 2491 inclg.
12th Jany 58. 15. 16.

Intimating to the Govt. of India, that the Estimate of Rs. 25,200 for certain works at the three Barriers of Sinteral, Cuchampilly & Dewal ammony on the Godavery being in Substitution of the Estimate of Rs. 35,600.

No 3.

6th Cat. 28th