

(No. 40.)



1873.

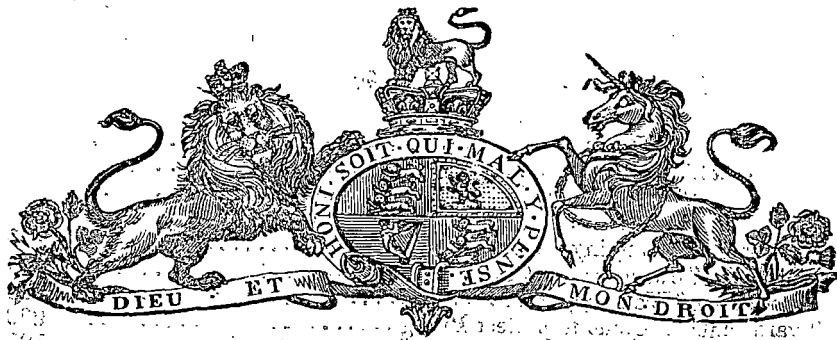
T A S M A N I A.

H O U S E O F A S S E M B L Y.

E A S T B A Y N E C K C A N A L.

R E P O R T F R O M P U B L I C W O R K S D E P A R T M E N T O N T H E C O S T
O F C U T T I N G.

Laid upon the Table by the Minister of Lands and Works, and ordered by the
House to be printed, June 25, 1873.



Lands and Works Office, 29th May, 1873.

SIR,

In accordance with your instructions, when on my return from Port Arthur I examined the two sites for the proposed Canal at East Bay Neck, marked A to B and C to D on lithograph, and beg to report as follows:—

The site from A to B is about 560 yards across from water to water at high tide, with a rise at centre of cutting of about 30 feet above high water level, and falling gradually on each side to beach.

In Norfolk Bay the water shoals out for a considerable distance, and would require a cutting with sides protected by piling, &c. for say 500 yards out from high water mark, to allow for vessels passing, drawing say from eight to nine feet.

On East Bay side the length of cutting and piling, &c. required would be about 300 yards. I am of opinion that rock would be found at this cutting, but this could better be tested by a trial shaft being put down.

Site from C to D through Township of Dunnolly is about 920 yards in length from water to water at high tides. Not more than 10 feet of a cutting at highest point would be requisite.

In this cutting very little, if any, rock would be found, and the quantity to be excavated would be less than through cutting from A to B.

The water work would be about the same as that described for site from A to B.

I am of opinion that from the circuitous route of the channel from Boomer Island to the mouth of the Narrows (which would have to be staked), and the existence of a bar at the mouth of the Narrows from Marion Bay, together with the extent of flats between the Narrows and where the Canal would be cut, it would only be useful for coasting vessels drawing not more than seven feet of water.

I am also of opinion that the action of the tides at either site would do no more than keep the mouths of Canal clear.

I have formed an Approximate Estimate of the work and sketch, giving sections herewith attached.

W. H. CHEVERTON, *Overseer of Works.*

The Hon. the Minister of Lands and Works.

AN APPROXIMATE ESTIMATE of proposed Canal across East Bay Neck, C to D.

<i>Cutting, &c. from High Water Mark to High Water Mark, distance about 920 yards.</i>		£	s.	d.
46,000 yards of Excavations, at 1s. 4d.		3066	13	0
300 Piles, at 20s.		300	0	0
2760 feet run. of Cap Sills, at 1s.		138	0	0
3660 Slabs, 12 feet and 4 in. thick, at 1s.		183	0	0
13,800 feet sup. of Wallings, at 12s.		82	16	0
Spikes, &c.		20	0	0
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		£3790	19	0
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Cutting, Piling, &c. on Norfolk Bay side from High Water out say 500 yards.

	£	s.	d.
6000 yards cube of Excavations, at 2s.	600	0	0
664 Piles, at 20s.	664	0	0
45,000 feet run. of Cap Sills, at 1s.	225	0	0
350 Braces, at 4s.	70	0	0
150,000 feet sup. of Planking for daming, at 12s.	900	0	0
2000 Slabs for Towing-path, at 1s.	100	0	0
18,000 feet sup. of Wallings, at 12s.	108	0	0
6000 yards cube of Stone to protect Piling	600	0	0
10,000 lbs. of Iron in Pile-shoes, Bolts, Spikes, &c., at 4½d.	187	10	0
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Say for 300 yards in bay on East Bay	2000	0	0
Engine and Pumping Gear, &c.	500	0	0
Add for Supervision, &c.	200	0	0
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	£6154	10	0
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SUMMARY.

	£	s.	d.
Cost of Cutting from water to water to allow 9 feet at high water	3790	0	0
Cost of Water-work 500 yards out on Norfolk Bay side and 300 yards on East Bay side	6154	0	0
Swing Bridge, say	300	0	0
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	£10,244	0	0
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