

- (1) பக்கங்களின் எண்ணிக்கை 20
 (2) புதுக்கித் திருப்பிய நாள் ஜெம் 90
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 100

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

145

P. M. S. துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	1966-7	அச்சகம் பலவகை
நாள் :	23.7.1891	198

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

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1966-7
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GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following paper :—

From W. P. AUSTIN, Esq., C.S., Chairman, Harbour Trust Board, to the Chief Secretary to Government, dated Madras, 7th July 1891, No. 94.

Referring to para. 3 of G.O., No. 1422 W., dated 25th May 1891, I have the honour to submit, herewith, for the information of Government, six printed copies of the statements therein called for.

ENCLOSURES.

EXTRACT of Proceedings of the Trustees of the Harbour of Madras at a meeting, held at the offices of the Board, on Friday, the 3rd day of July 1891.

9. Examined statements submitted by the Board's Engineer called for in para. 3 of G.O., No. 1422 W., dated 25th May 1891.

Resolved, that these statements be submitted to Government.

(True Extract.)

(Signed) C. PINSENT,
Secretary, Harbour Trust Board.

From the Engineer, Harbour Trust Board, to the Chairman, Harbour Trust Board, dated 24th June 1891, No. 361.

With reference to your letter No. 129-E., dated 1st instant, forwarding G.O., No. 1422 W., dated 25th May 1891, I have the honour to forward, herewith, two statements, together with a memorandum, as per margin.

- I. Comparison of expenditure between 30th April 1884 to 31st December 1884.
- II. Statement showing the expenditure on sanctioned estimates and the amount required to complete the Harbour.
- III. Memorandum of funds required to complete Harbour restoration works.

2. From the statement I it will be observed that the outlay between 30th April 1884 and 31st December 1884, viz., Rs. 68,953, was the balance which remained after the transfer of the outlay from the old design to the restoration works, to the debit of the original works and establishment.

3. Statement II shows the "sanctioned estimates" with the outlay against each and the amount required to complete the Harbour so as to arrive at the final estimated cost of the Harbour.

4. The memo, III attached shows the sum or anticipated outlay on the amended estimate during the years 1891-92 and 1892-93.

5. From the statements II and III it will be seen that the total revised estimate, for which sanction is required, will be Rs. 58,28,896, as per margin.

Amount of estimate sanctioned in G.O., No. 2261 W., dated 8th September 1886	Rs. 45,90,051
Balance required to complete the Harbour as per items in the abstract of printed estimate, recorded in G.O., No. 718 W., dated 13th March 1891	10,83,383
Add amount of estimate sanctioned in G.O., No. 720 W., dated 13th March 1891, for protective works	1,55,462
Total	58,28,896

I.—Comparison of expenditure between 30th April 1884 and 31st December 1884.

Particulars.	Expenditure up to 30th April 1884.	Expenditure up to 31st December 1884.	Difference.	Remarks.
	RS.	RS.	RS.	
Original works ..	54,76,759	55,09,324	32,565	The sum of Rs. 64,85,537 expended up to 30th April 1884 was distributed by Mr. Thorewood at the request of Mr. Parkes as follows:—
Establishment ..	4,93,501	5,29,904	36,403	
Tools and plant ..	5,15,277	5,15,262	— 15	I. Original design 56,57,840 II. Moorings 1,90,589 III. Cost of establishment during suspension of works .. 1,54,994 IV. Gain and loss of land .. 4,82,114 Total .. 64,85,537
Total ..	64,85,537	65,54,490	68,953	

but the expenditure on these works was eventually recorded under original works, establishment and tools and plant.

II.—STATEMENT showing the expenditure up to 15th October 1890 and the sanctions against which such expenditure has been incurred and the total final estimated cost of the Harbour.

Particulars.	Amount of sanctioned estimate.	Expenditure up to 31st December 1884.	Expenditure up to 15th October 1890.	Work of restoration to be done after 15th October 1890.	Estimated cost on the completion of the Harbour.	Grand total.
	RS.	RS.	RS.	RS.	RS.	RS.
Original estimate	57,45,165	65,54,490	..	..	65,54,490	65,54,490
Restoration estimate sanctioned in G.O., No. 2251 W., dated 8th September 1886	45,90,051	..	42,67,899	..	42,67,899	
Restoration estimate after 15th October 1890 to completion of the Harbour as per revised estimate submitted (vide G.O., No. 718 W., dated 13th March 1891)	..	..	..	11,42,261	11,42,261	
Restoration estimate after 15th October 1890 for capping to both piers and North Pier caisson as per revised estimate submitted (vide G.O., No. 718 W., dated 13th March 1891). Add protective works on foreshore north of Harbour, sanctioned in G.O., No. 720 W., dated 13th March 1891	..	..	..	4,96,734	4,96,734	
Total ..	..	..	..	1,55,462	1,55,462	
Less sale-proceeds of plant ..	..	..	42,67,899	17,94,457	60,62,356	
Net ..	..	..	..	2,33,460	2,33,460	
Grand total ..	..	..	42,67,899	15,60,997	68,28,896	68,28,896
				>	..	123,83,386

MADRAS,
24th June 1891.

(Signed) A. LEE POGSON,
Engineer, Harbour Trust Board.

ORDER—dated 23rd July 1891, No. 1966 W., Public Works.

Ordered that the Government of India be addressed.

(Here enter No. 1967 W., dated 23rd July 1891.)

(True Extract.)

(Signed) J. PENNYCUICK, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Chairman, Harbour Trust Board.
" Marine Department.

Exd. A. D. Xavier.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras.
PUBLIC WORKS.

Dated July, 23rd.

Recd.

Encl.

G.O., 23rd July 1891, No. 1966 W.

JULY.

Madras Harbour Works

Ordered that the Government of India
be addressed regarding the revised estimate
for the—.

23RD JULY 1891, No. 1967 W., PUBLIC WORKS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

LETTER—from

COLONEL J. PENNYCUICK, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
PUBLIC WORKS DEPARTMENT.

SIR,

In reply to your letter No. 157 M., dated 8th May 1891, calling for further information in regard to the revised estimate for the Madras Harbour Works, I am directed to forward, herewith, copies of

* No. 1422 W., dated 25th May 1891.
" 1966 W., " 23rd July 1891.

ginal estimate of Rs. 57,45,165 amounted to Rs. 65,54,490, and that, if to this latter sum be added the total (Rs. 58,28,896 †) of the estimates submitted with my letter No. 719 W., dated 13th March 1891, the aggregate cost of the works, for which sanction may now be applied for to the Secretary of State in supersession of all previous sanctions, will amount to Rupees 123,83,386.	
* Completion estimate of Harbour Works proper ...	Rs. 56,73,434
Protection of foreshore to the north ...	1,55,462
Total ...	58,28,896

2. It will be seen from para. 2 of G.O., No. 1422 W., dated 25th May 1891, that the apparent discrepancy noticed in para. 2 of your letter under reply is due to the expenditure incurred between the 30th April and 31st December 1884 being included in the later and larger figure quoted. Statement I attached to letter No. 361, dated 24th June 1891, from the Harbour Works Engineer shows how the expenditure in each case has been distributed. The estimate of Rs. 1,55,462 for protective works to the foreshore north of the Harbour has now been included in the aggregate estimate of Rs. 123,83,386, the component parts of which are given in statement II of the Harbour Engineer's letter.

3. As regards the amount still to be advanced for completion of the works, I am to invite attention to Mr. Price's letter of the 9th May 1891, No. 314 (Financial), addressed to the Secretary to the Government of India, Department of Finance and Commerce.

I have the honour to be,

Sir,

Your most obedient servant,

Colonel, R.E.,
Secretary to Govt., P.W.D.

OOTACAMUND,
23rd July 1891.

Exd. A. D. Xavier.
Spare Copies

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BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1891} Madras
PUBLIC WORKS.

Dated July, 23rd.

Recd.

Encl.

23rd July 1891, No. 1967 W.

JULY.

Madras Harbour Works

Submitting information called for in
regard to the revised estimate for the —.

EXTRACT of Proceedings of the TRUSTEES OF THE HARBOUR

OF MADRAS, at a Meeting held at the Offices of the

Board on Friday the 3rd day

of July 1891.

2/9667/5

9. Examined statements
submitted by the Board's Engineer
called for in para 3 of L. C. No.
1222 dated 25th May 1891.

Resolved, - that these
statements be submitted to
Government.

True Extract

Witness

Secretary
Harbour Trust Board

1966-7
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350

No. 361

From

THE ENGINEER,

HARBOUR TRUST BOARD,

To

THE CHAIRMAN,

HARBOUR TRUST BOARD,

Madras.

MADRAS, 24th June 1891.

SIR,

With reference to your letter No. 129-E., dated 1st instant, forwarding G.O., No. 1422-W., dated 25th May 1891, I have the honor to forward herewith two statements together with a memo., as per margin.

- I. Comparison of Expenditure between 30th April 1884 to 31st December 1884.
- II. Statement showing the Expenditure on Sanctioned Estimates and the amount required to complete the Harbour.
- III. Memo. of Funds required to complete Harbour Restoration Works.

2. From the Statement I. it will be observed that the outlay between 30th April 1884 and 31st December 1884, viz., Rs. 68,953, was the balance which remained after the transfer of the outlay from the Old Design to the Restoration Works, to the debit of the Original Works and Establishment.

3. Statement II. shows the "Sanctioned Estimates" with the outlay against each, and the amount required to complete the Harbour, so as to arrive at the final estimated cost of the Harbour.

4. The Memo. III. attached shows the sum or anticipated outlay on the amended estimate during the years 1891-92 and 1892-93.

	Rs.	A.	P.
Amount of Estimate sanctioned in G.O., No. 2251-W., dated 8th September 1886	45,90,051	0	0
Balance required to complete the Harbour as per items in the abstract of printed Estimate recorded in G.O., No. 718-W., dated 13th March 1891	10,53,383	0	0
Add amount of Estimate sanctioned in G.O., No. 720-W., dated 13th March 1891, for Protective Works	1,55,462	0	0
Total Rs.	58,28,896	0	0

5. From the Statements II. and III. it will be seen that the total revised Estimate for which sanction is required, will be Rs. 58,28,896, as per margin.

I have the honor to be,

Sir,

Your most obedient Servant,

A. LEE POGSON,

Engineer, Harbour Trust Board.

Encl
PW 7826/191

I.

MADRAS HARBOUR WORKS.

Comparison of Expenditure between 30th April 1884 and 31st December 1884.

Particulars.	Expenditure up to 30th April 1884.		Expenditure up to 31st December 1884.		Difference.		REMARKS.
	RS.	A. P.	RS.	A. P.	RS.	A. P.	
Original Works	54,76,759	0 0	55,09,324	0 0	32,565	0 0	The sum of Rs 64,85,537 expended up to 30th April 1884 was distributed by Mr. Thorowgood at the request of Mr. Parkes, as follows :— I. Original design ... Ra. 56,57,840 0 0 II. Moorings ... " 1,90,589 0 0 III. Cost of Establishment during suspension of Works, } 1,54,994 0 0 IV. Gain and loss of land... " 4,82,114 0 0 64,85,537 0 0
Establishment	4,93,501	0 0	5,29,904	0 0	36,403	0 0	
Tools and Plant	5,15,277	0 0	5,15,262	0 0	—15	0 0	
Total Rupees...	64,85,537	0 0	65,54,490	0 0	68,953	0 0	

HARBOUR WORKS OFFICE,
MADRAS, 24th June 1891. }

A. LEE POGSON,
Engineer, Harbour Trust Board.

II.

MADRAS HARBOUR WORKS.

Statement showing the Expenditure up to 15th October 1890 and the sanctions against which such expenditure has been incurred and the total final estimated cost of the Harbour.

Particulars.	Amount of sanctioned Estimate.	Expenditure up to 31st December 1884.	Expenditure up to 15th October 1890.	Work of restoration to be done after 15th October 1890.	Estimated cost on the completion of the Harbour.	Grand Total.
Original Estimate	RS. 57,45,165	RS. 65,54,490	RS.	RS.	RS. 65,54,490	RS. 65,54,490
Restoration Estimate sanctioned in G.O., No. 2251-W., dated 8th September 1886	45,90,051	....	42,67,899	....	42,67,899	....
Restoration Estimate after 15th October 1890, to completion of the Harbour as per Revised Estimate submitted, vide G.O., No. 718-W., dated 13th March 1891.	....	....	....	11,42,261	11,42,261	....
Restoration Estimate after 15th October 1890, for Capping to both Piers and North Pier Caisson as per Revised Estimate submitted, vide G.O., No. 718-W., dated 13th March 1891	....	....	....	4,96,734	4,96,734	....
Add—Protective Works on Foreshore North of Harbour, sanctioned in G.O., No. 720-W., dated 13th March 1891.	....	....	....	1,55,462	1,55,462	....
Less sale proceeds of plant	....	....	42,67,899	17,94,457	60,62,356	....
	Net...	....	42,67,899	2,33,460	2,33,460	....
				15,60,997	58,28,896	58,28,896
					Grand Total...	123,83,386

HARBOUR WORKS OFFICE,
MADRAS, 24th June 1891. }

A. LEE POGSON,
Engineer, Harbour Trust Board.

1966-7
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III.

Memo. of Funds required to complete the Harbour Restoration Works with an Eastern Entrance complete.

Amount of Revised Estimate, vide G.O., No. 718-W., dated 13th March 1891	Rs. 56,73,434	0	0	
Amount of Estimate for Protective Works sanctioned in G.O., No. 720-W., dated 13th March 1891	1,55,462	0	0	
Deduct amount of Restoration Estimate sanctioned in G.O., No. 2251-W., dated 6th September 1886	Total	58,28,896	0	0
Add amount deducted from the revised Estimate to be ultimately recovered by sale of Tools and Plant		45,90,051	0	0
		12,38,845	0	0
		2,33,460	0	0
		14,72,305	0	0
	or in round numbers	15,00,000	0	0
Amount required for	1891-92	1892-93		
	Rs.	Rs.		
For Harbour Construction	7,83,392	5,33,451		
For Revetment Work	1,55,462			
	9,38,854	5,33,451		
or in round sum	9,00,000	6,00,000		

HARBOUR WORKS OFFICE,
MADRAS, 24th June 1891.

A. LEE POGSON,
Engineer, Harbour Trust Board.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

PUBLIC WORKS DEPARTMENT.

No. 1966 W 4 23 July 1891

READ the following

Letter from the Chairman

H. J. Board, Madras { H.E. No. 941 of 7-11-91

Ordered that
the Government of
India be addressed.

(H.E. No. 1967 W 4 23 July 1891)

20, The Secretary to the Govt of Madras

Chairman H. J. B.
Marine Dept

P. W. D. 81

Sir,
In reply to your
letter No. 157 M dated
8th May 1891 calling
for further information
in regard to the revised
estimate for the
Madras Harbour Works,
I am directed to
forward herewith copies
of the accompanying
Proceedings of this Govt.

No. 1422 W 4 25 July 1891
No. 1966 W 4 23 July 1891

Note: This statement is incorrect -
vide paras 1 & 2 of G.O. 313 Madras
dated 19th May 1891. It had better be
corrected in the statement for
Proceedings.

7826/191

from which it will be seen that the total expenditure against the original estimate of £57,45,165 amounted to £65,54,490, and that if to this latter sum be added the total, £58,28,896, of the estimates submitted with my letter No. 7196 dated 13th March 1891, the aggregate cost of the works for which sanction may now be applied for to the Secretary of State, in supersession of all previous sanctions, will amount to £123,83,386.

2. It will be seen from para 2 of G.O. No. 1422W dated 25th May 1891 that the apparent discrepancy noticed in para 2 of your letter under reply is due to the expenditure incurred between the

Completion Estimate	£
of Harbour Works Proper...	56,73,434
Protection of foreshore to the north.....	1,55,462
<u>Total</u>	<u>£58,28,896</u>

1966-7
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30th April⁹⁰ and 31st Jan 1884 being included in the later and larger figure quoted in statement I attached to letter No. 367 dated 24th June 1891 from the Harbour Works Engineer shows how the expenditure in each case has been distributed. The estimate of £1,55,462 for protective works to the foreshore north of the Harbour has now been included in the aggregate estimate of £123,83,386, the component parts of which are given in Statement II of the Harbour Engineer's

letter.

3. As regards the amount still to be advanced for completion of the works, I am to invite attention to Mr Price's letter of the 9th May 1891 No. 314 (Financial), addressed to the Secretary to the Govt of India, Department of Finance & Commerce.

urgent

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Dr 20-7
Baskin
30 & 1/2
31/7/11

R.S.

Ans 8. vii
16th 20. vii
24. vii

7826

16/2/28 11 ✓

Gobt. of 18 Madras.

PUBLIC WORKS.

+

Wrgent.

Dated

16/2/28

Recd.

Encl.

G.O. 23 July 1891, No. 1965-74.

10

Madras Harbour Works
Ordered that the Govt. be
addressed regarding
the proposed estimate for
the

Madras Harbour Works.
By information regarding
called for in regard to the
proposed estimate for the

to be
for
work to be done

Wrgent

1902