

(1) Number of pages 8

(2) Date of repair 11.12.63

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2960	Press ~~Mis.~~
207-08	
Dated 10. 12.	1862.

Not to be folded or roughly handled

12

*Proceedings of the Madras Government, Public Works Department,
10th December 1862.*

No. 207. Read the following letter from J. J. FRANKLIN, Esq., Chairman Pier Committee to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Public Works Department, dated Madras, 2nd December 1862, No. 41:—

SIR,

1. I have the honor, on behalf of the Pier Committee, to return the plans and estimates of the Pier Extension works forwarded with Proceedings of Government of the 3rd ultimo, No. 2,631, with certain amendments, which it was considered advisable to make; and which, it will be observed, reduce the proposed outlay from 71,440 Rupees to 60,860, being a saving of 1,490 Rupees on the amount already sanctioned in Proceedings of Government of 29th April 1862, No. 862.

2. The saving is effected by dispensing with the several lines of rail in the Custom House Yard, which the Collector of Sea Customs considered would occupy too much space; and in striking out the charges for superintendence. The lines retained are, one through the centre of the Yard in continuation of that from the Pier, and a second crossing it at right angles, a Turn table being placed at the junction.

28th November, No. 2,049.

3. The letter from the Superintendent and Controller of Pier Works furnishing the revised estimates is herewith transmitted, and the Committee solicit that they may receive the sanction of Government as now prepared.

No. 208. ORDER THEREON, 10th December 1862, No. 2,960.

The Governor in Council sanctions the estimate, as revised by the Pier Committee, for connecting the Pier with the Custom House. It is observed that the amount of the corrected estimate is Rupees 1,490 less than that* sanctioned in the Proceedings of Government No. 861, dated 29th April last.

* Rupees 62,350.

(Signed.) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

Work For completing the communication between the Sea Customs and the approaches of the Madras Pier.

Description of work		Rate	Amount	Total
Seawall platform and rough stone Revetment				
Outside measurement				
19	Tubs built of cubes made with bricks in chunam and filling them with concrete	63	1197	1197
11	do built of cubes made with hydraulic cement and filling them with concrete	67	2747	2747
4	10° 10° 10° 10°	44	176	176
6096	Removing soil from the space between the wells to make room for filling concrete exclusive of regular interstices under the water level	1	381	381
6096	Filling with concrete in the above space	36	13538	13538
1748	Cubes built of bricks in chunam to lay the first row over the wells	38	4009	4009
1748	On truck layers & cooly hire to convey the cubes to the work from a distance of 100 yards & laying them in cement	16	16314	16314
2628	Large bricks in cement up to the height of the water level	310	629125	629125
1053	Large brickwork in cement over the water level	32	2143158	2143158
4582	Cut stone laid in chunam	112	50188	50188
724	10° of coping stone including cornice work	2	1149108	1149108
1593	Tons of new stones in lieu of above	24	35244	35244
2740	202 1/2 Tons at 2 Tons per bullock yard	24	456108	456108
1885	1 Peckwood beam over the Pier wrought & put up	3	146110	146110
2120	Metalling with laterite stone jelly gravel & clay of 6 inches thick complete	3	63397	63397
3306	Excavating with earth brought from a distance of 1 mile	4	826108	826108
5400	2000 (1000) Excavating foundation (Paving)	16	1878	1878
			1000	1000

Brought Over 25475 10 10

ing dam with antichamber post mangle
chunks and clay all round the side of the
foundation of the Sea wall of the Pier
to be false wells with brick in clay over
all the wells to 3 1/2 feet height for sinking
the wells underneath the water level and
collecting the materials after the completion
of the wells

1 10 10
including iron chains & complete
ings to retaining wall similar to those
with the Pier
ports of cast iron with double globe lamps
and burners complete landed at Madras
and fixing same

5 1/2 feet long procuring from Railway
Company at Madras the rails required
for 960 yards of single line of Railway
from the junction of the Pier to within the
Custom House yard as per plan and
according to the data shown in an appendix
marked A. The rails to be 75 lb to the running
yard together with frames patent flat iron
sleepers, two rods, fish plates wooden keys &
as per bill.

cast hire for do
plate laying for the above
Ballasting & shelling for Railway

7 1 100
14 5 18
100 200
1486 5 2 30100
350 350

100 600 600

6182 13 14
12278 9 8

155 10
579 5
1350
1050
1200

Brought Over 42590

2. Franchise suggests for sunken route inside the
Custom House yard calculated to carry
10 tons each and complete with everything

1. Double purchase largest size hydraulic travelling
crab with suitable shaft complete & capable
of lifting 20 tons & speed up to 30 tons /
with chains and electric four wheel frames
special double action cog wheels pinion
hand lever tension bar & all complete and
delivered at Madras

Heavy timber truck calculated to carry not
less than 20 tons complete with wheels
frame brake & suitable for 5 1/2 feet

Railway gauge
Open wooden waggon calculated to carry
5 tons dead weight each complete with
wheels brake & to suit 5 1/2 feet gauge rail

Covered 10 10 10
Cost of last bay of inshore extension of Pier
including beams & wrought iron tie rods

1500 Cast iron flange pipe including fixing & 1/2
Repairing and reforming drains both inside
Custom yard and Platform

Cost for special superintendence for 12 months
at 200 Rs per month

Office Establishment under Government
Proceeding P-1019 dated 31st May 1882
as by Papers of 1882

Peons wages for 12 months at 5 Rs per month
Lundries and unenumerated items

Paving the Custom House yard & public road

Total Papers 10067 5 7

Carried Over

53867 5 7

Description of work Rate Amount Total

Brought Over " " " " 70067 57

amount already sanctioned by Govt
on the 6th February 1862 No 151 for sea
shore extension on shore end bay
erected by contract " " " " 1120 1120

amount already sanctioned by Govt
on the 13th December 1861 No 2298 as 4th
District Engineer's bill for
masonry Cubes " " " " 507 57 507 57

1757 57

Net amount requiring sanction — Rupees 66860 71440

Total Company's Rupees seventy one thousand
four hundred and forty four

James Bruce Captain

On Beh: of the Lt Col. St. George J. G.

Original Estimate for this work for Rs. 72350.
was sanctioned by Govt 29 April 1862 No 882.

No 4-1

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From The Chairman Pier Committee

The Secretary to Government
Public Works Department
Fort Saint George

Sir I have the honor on behalf
of the Pier Committee to return the
plans and estimates of the pier extension
works forwarded with Proceedings of
Government of the 30th ultimo, No 2631
with certain amendments, which it was
considered advisable to make; and
which, it will be observed, reduce the
proposed outlay from 71,440 Rupees to
66,860, being a saving of 4,580 Rupees
on the amount already sanctioned in
Proceedings of Government of 29 April
1862 No 882.

2. The saving is effected by dis-
pensing with the several lines of rail
in the Custom House yard, which the
Collector of Sea Customs considered would
occupy too much space, and in striking
out the charges for superintendence. The
lines

3. The letter from the Superintendent and Controller of Pier Works furnishing the revised Estimates is herewith transmitted, and the Committee solicit that they may receive the sanction of Government as now prepared.

I have the honor to be
Sir

Nov. 29 60. Wm. H. H. H. H.
Chairman, Pier Committee.

412,62350 Estimate is under 1490 lbs than that sanctioned in the Proj. Int. Re.
13 Cpn. 864 dated 29th April last
To the Major, Chas. H. C. Crile, Bull. 11th
2 - to Chairman of the Committee with 3 lks. 1 Chief and 10th Dec^r 1862.
3 - to decom. Lt. General

[illegible]