(1) பக்கங்களின் எண்ணிக்கை 60

(2) புதுக்கித் திருப்பிய நாள் அக்டோபர் 1988

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப் பணித் துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 2545 W

அச்சகம்
பலவகை

நாள் : 16-10-1884 19

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from D. C. GORDON, Esq., Examiner, Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 9th October 1884, No. 81 W. :—

I have the honor to submit, for information and orders of Government, notes by Mr. Rainier, Deputy Examiner, of his inspection of the Madras Harbour Works office.

2. The office is in good order.

ENCLOSURE.

Notes of inspection by H. RAINIER, Esq., Deputy Examiner, Public Works Accounts, Madras, of the office of the Superintendent of the Madras Harbour Works, on the 2nd October 1884.

The Superintendent, Mr. F. N. Thorowgood, was present, and the accountant, G. Muthusawmy Naidu. The office was last examined on the 26th March 1884, *vide* papers printed with G.O., No. 901 W., of 2nd April 1884.

2. Then the outlay was being recorded in the Finance Accounts of the Government of India, in this department, under *M. Expenditure on Productive Public Works, Capital Account*, 55. *Miscellaneous Public Improvements*; but, in passing orders on the budget estimate of this project for 1884-85, and revised estimate, 1883-84, the Government of India, in its resolution, No. 104 A.G., of 14th March 1884 (printed with G.O., No. 852 W., of 28th March 1884), desired that all outlay to the end of 1882-83, should be written back to debit of *H. Expenditure on Public Works not classed as Productive*, 48. *Civil Buildings, Roads and Services*, by credit to *Productive Public Works*. It was at the same time directed that further outlay on these harbour works in 1883-84 and in 1884-85 should not be recorded in the accounts of this department, though the auditing must for the present rest with the Examiner, Public Works Accounts, but should be transferred to the Civil Department, and booked by the Accountant-General, Madras. The outlay written back from Productive Public Works under the above resolution and now recorded under Imperial Civil Buildings, Roads and Services, is Rs. 65,40,058. The outlay of 1883-84 transferred to the Civil Department in the exchange accounts respecting this project amounted to Rs. 2,24,856. The outlay in 1884-85 so far as August 1884, inclusive, thus transferred is Rs. 72,313.

3. The works have been almost at a stand-still since the beginning of 1883, pending a decision how best to continue and end the project. The outlay is being incurred under sanction conveyed in G.O., No. 712 W., of 16th March 1881, at present, and the budget estimate for 1884-85, approved by the Government of India as per G.O., No. 852 W., of 28th March 1884, amounts to Rs. 1,79,900.

4. Everything points, however, to an early resumption of active operations, and Mr. Thorowgood, the Superintendent, who has just returned from England after conferring with Mr. Parkes, was understood to say that a comprehensive estimate of all outlay from first to last revised, to include everything now in contemplation and for final completion, may very shortly be expected.

5. Certain lands, houses, huts and trees, situate where the sea north of the harbour has encroached or threatened to encroach, had from time to time been the subject of compensation (*vide* G.O., No. 601 W., of 8th March 1882), and to avoid such expense, such buildings and lands were later on, when threatened by the sea, bought up by Government through the Deputy Collector, becoming thus the property of the harbour works. The outlay for such compensation and for such purchases of property has been up to the end of August 1884 Rs. 2,87,788. Rents have been recovered aggregating Rs. 9,951 up to the end of July 1884 (civil exchange accounts for August not yet received).

6. The Superintendent, in his letter printed with G.O., No. 2837 W., of 9th October 1883, pointed out what a business this rent collection had become; the items of property then aggregated nearly 1,300 and were increasing fast, and there was much growing timber; and in view of the difficulty experienced in getting in rents and preventing or punishing petty robbery, it was, in a

subsequent G.O., No. 544 W., of 28th February 1884, decided that the Collector should take charge of all such property, arranging for the punctual collection of the rent, and this arrangement began on the 1st May 1884. A schedule was furnished to the Deputy Collector showing the buildings and lands, &c., which had been acquired by the harbour works, with particulars of rent due or in arrears respecting each item; and such rent as is since recovered by the Deputy Collector is credited to the harbour works by the Civil Accountant-General through the exchange accounts with the Examiner. As no such credit is accompanied by particulars showing the building, land, or whatever it may be, for which the rent is collected, no detailed account is now maintained in the Superintendent's office whereby the rent due, and recovery of and taxation of same regarding each item of the property, can be ascertained from month to month. Such an account is no doubt duly maintained by the Deputy Collector. The state of those rents as described by the Collector after assuming charge of them was as follows :—

"The properties transferred consist of 1076 holdings, of which 60 huts and houses had been destroyed and 32 remained unoccupied up to 1st May 1884, the date of transfer, and the total monthly demand of rents against the remaining 984 properties is Rs. 426, exclusive of rents of 24 timber depôts, which are occupied only in the timber import season. The rents on these depôts vary from month to month but average about Rs. 35 per month, or Rs. 420 per annum. The total average monthly rents may thus be fixed at Rs. 460 or Rs. 5,520 a-year, which is as much as, if not more than, the yearly revenue of the largest division in this taluk * * * * * the arrears outstanding due up to the 1st May amounted to Rs. 1,395, of which Rs. 364 were collected in the months of May and June, leaving a balance of Rs. 1,031. The rents due for the months of May and June amounted to Rs. 933, of which only Rs. 179 were collected in June, leaving an arrear of Rs. 754, which raises the total outstanding on 1st July 1884 to Rs. 1,785. * * * * * * The properties consist of five bungalows, 140 *pucka* native houses, 848 huts, and three casuarina plantations." (Papers printed with G.O., No. 998, of 9th September 1884, Revenue Department.)

7. The register of works in the Superintendent's office contains the following accounts :—

I. Preliminary works.
II. North pier.
III. Concrete blocks.
IV. South pier.
V. Tools and plant.
VI. Construction of a drain.
VII. Depreciation of the Madras Railway rolling stock used for carrying materials paid to the Madras Railway Company.
VIII. Moorings.
IX. Establishment.
X. Repairs.
XI. Purchase of land, &c.
XII. Contingencies.
XIII. Concrete blocks (materials at site).
XIV. Advances to work-people.
XV. Abstract of all the above by sub-heads.

As regards III, this account shows the outlay on entire construction of the blocks themselves, but not the outlay for placing them finally in position. This latter outlay is included under II (*north pier*) or IV (*south pier*) as the case may be, sub-head *setting blocks*. The first outlay on these blocks is debited to XIII, materials at site, and transferred thence, when the blocks are complete, to III as above. The total cost of making these concrete blocks up to 31st August 1884 is Rs. 18,38,092.

8. One general work abstract is prepared for all the accounts in the register of works, but as regards *moorings* and *tools and plant* no sub-heads are shown in this general abstract, a separate work abstract for each being prepared in detail. The work abstracts are evidently compiled with care, but the posting of charges for labor should be from the daily (or ten-day) reports rather than from muster rolls, the former being soonest available besides most appropriate.

9. The cash accounts leave nothing to be desired, and the balance of the Superintendent's drawing account on 30th September 1884 was proved correct.

10. Rs. 93-0-7 are due by the Madras Steam Laundry Company, in liquidation, for leather belting supplied. The bills have been presented to the official liquidator, and it is understood there will be no loss in respect of this item under some special arrangement regarding it by which recovery is guaranteed.

11. The stock balance at end of August 1884 amounted to Rs. 74,240, and consisted chiefly of Portland cement (Rs. 21,310) and metals (Rs. 19,352). The stock rates seem fair, and there is no bad or surplus stock, I was told. Stock accounts are in order. The tools and plant are still under overhaul.

12. The accountant is sufficiently assisted and the office is now in very good order.

Order—dated 16th October 1884, No. 2545 W., Public Works.

Communicated to the Superintendent, Madras Harbour Works.

(True Extract.)

2545

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
„ Examiner, Public Works Accounts.

Exd, E. Fernandez.
Spare Copies.

GENERAL.
ACCOUNT.

Govt. of [1884] Madras.

PUBLIC WORKS.

Dated October, 16th.

Read. *Encl.*

G.O., 16th Oct. 1884, No. 2545 W.

OCTOBER.

Notes of Inspection

Orders on —, submitted by the Examiner, Public Works Accounts, of the office of the Madras Harbour Works.

ABSTRACT of Estimates for the Madras Harbour Works as recast.

Original.						Item Number.	Sub-heads.	Revised.				
Quantity.	Per.	Rate.	Cost.	Total.				Quantity.	Per.	Rate.	Cost.	Total.
							Preliminary Works.					
						1	Marine surveys	..	..	..	5,408	
						2	Rails from England	..	..	..	1,38,699	
						3	Sleepers	..	..	..	39,402	
						4	Formation, &c.	..	..	..	69,030	
						5	Block ground, original ..	..	..	..	45,039	
						6	Do. at south pier ..	..	..	..	9,945	
						7	Buildings	..	..	..	65,451	
				3,80,000			Total, Preliminary Works ..					3,73,970
							North Pier.					
479,910	Ton ..	1·5	7,19,865			8	Rubble stone in surf bank and base ..	489,910	Ton ..	2	9,79,820	
100,050	C. yard ..	10	10,00,500			9	Concrete blocks	105,863	C. yard ..	8·9	9,42,181	
550	Lind. foot ..	70	38,500									
3,350	Do. ..	80	2,68,000			10	Setting blocks	105,863	Do. ..	1·9	2,01,140	
				20,26,865			Total, North Pier					21,23,141
							South Pier.					
479,910	Ton ..	1·5	7,19,865			11	Rubble stone in surf bank and base	444,910	Ton ..	2	8,89,820	
100,050	C. yard ..	10	1,00,500			12	Concrete blocks	104,681	C. yard ..	8·9	9,31,210	
550	Lind. foot ..	70	38,500			13	Setting blocks	104,681	Do. ..	1·9	1,98,799	
3,350	Do. ..	80	2,68,000									
				20,26,865			Total, South Pier					20,19,829
				60,000		14	Lighthouses (site and design not yet decided on)					20,000
							Tools and Plant.					
						15	Locomotive engines	..	..	..	55,171	
						16	Rolling stock	..	..	..	26,066	
						17	Floating plant	..	..	..	1,44,285	
						18	Do. Expenses of hopper barges previous to being employed on the works.	..	..	..	41,004	
						19	Cranes, machinery, &c. ..	..	..	..	2,56,388	
						20	General tools	..	..	..	44,858	
						21	Office furniture	..	..	..	4,029	
				4,20,000			Total, Tools and Plant					6,71,801
				40,18,730		22	Establishment, 7 per cent. ..					51,08,747
				2,45,687		23	Contingencies, 3½ per cent. ..					3,57,612
				4,91,373								1,78,806
				56,50,790			Grand Total					56,45,165
	5 per cent.											2,00,000
	10 „ „											58,45,165
	For extra rubble (not required)			2,00,000			Moorings					1,00,000
							Deduct—					
							Probable recoveries due to sales of tools and plant					57,45,165
							Net Total ..					

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

16th March 1881, No. 712 W.

Buildings and Roads.
Civil Works.

Read the following paper:—

No. 45. From W. PARKES, Esq., M. Inst., C.E., Engineer-in-Chief, Madras Harbour Works, to the Secretary to Government, Public Works Department, Buildings and Roads, dated Madras, 1st March 1881.

At the suggestion of the Examiner of Public Works Accounts, I have the honor to submit herewith a revised estimate of the Harbour Works in a form that can be more easily compared with the expenditure than the original estimate. The two are shown side by side on the accompanying statement A.

2. As you will observe the total amount is the same within 6,000 rupees as that of the original estimate, but the items which go to make up that amount have been altered so as to be more nearly proportional to the actual expenditure. On each of these items there is up to the present time a saving amounting in the aggregate to upwards of a lakh of rupees independent of "contingencies," and I have every hope this saving will be maintained to the completion of the work, but I do not think it would be desirable at the present stage to submit an estimate of reduced total amount. The estimate as now presented however includes the cost of the proposed additions to the pier heads.

3. I should explain also that no credit is taken for the value of the plant and machinery now on the works. These may probably be valued at about $1\frac{1}{2}$ lakhs of rupees, but whether such an amount be realised will depend of course on the demand. The original estimate however was intended to cover the first cost of these materials.

4. I may take this opportunity of explaining the reasons for some of the differences both in quantity and price between the corresponding items of the two estimates, which will be substantially equivalent to explaining the differences between the original estimate and the rate of expenditure to the present time.

5. The two sub-heads "Preliminary Works" (items 1—7) and "Tools and Plant" (items 15—21) were included in my original estimate in one item "Plant and Preliminaries" for which £80,000 was allowed. This was afterwards divided rather arbitrarily into two sub-heads estimated respectively at Rs. 3,80,000 and 4,20,000 which I have adopted in the accompanying abstract A, so that they may be inserted side by side with the similar sub-heads in the revised estimate. The sums inserted against the several items in the revised estimate are simply the expenditure upon those several items up to the 31st December last except in one case "General Tolls," No. 20, where a further sum of Rs. 6,000 is estimated as liable to be required before the work is completed.

6. My original estimate of £80,000 was for the supply of a sufficient stock of plant for carrying on the work at full speed, and it was intended that the account should be closed when this was accomplished, leaving any future additions to be

charged to the works. I was desirous of closing the account in February 1879 (see report of that date G.O., No. 608 W., of 27th February 1879) in order that for the future the expenditure on the works might be definitely compared with the estimate. Under the direction of the Examiner however the accounts of expenditure were kept upon a different system which involved keeping them all open to a much later stage. I do not offer any opinion on the relative merits of the two systems, but it is clear that an estimate made on one system is not fairly comparable with an account of expenditure on the other.

7. Besides this the apparent cost of most of these items has been materially enhanced by the purchases in England being converted into Indian currency at the depreciated rate, while the estimate was converted at par. In the case of some of the articles purchased also, the prices in England had materially risen from those on which my estimate was based. These facts will, I think, sufficiently explain the reason of an excess of Rs. 9,45,771 over Rs. 8,00,000, which in a great measure is more apparent than real. I should also here mention that the cost of the Goliath crane and other machinery at the south pier block ground which has hitherto been charged to "Contingencies" as having been procured after the account for plant was supposed to be closed is now charged to "Tools and Plant." Some other similar transfers have also been made in accordance with the same principle.

8. Passing now to the rubble stone in surf banks and bases (items 8 and 11), it will be seen that I have added 10,000 tons to the quantity originally estimated for the north pier, and deducted 35,000 tons from that for the south pier. In the original estimate I made a liberal allowance for an excess of stone actually to be used over that calculated from the bare sections, and this has been on the whole more than enough, notwithstanding the greater depth of water in which the heads are now placed. I made the allowance however on a supposition which has not been confirmed by experience. I thought it would sink into the sand, and more so near the shore than in deep water, so I made my greatest allowance for the work first executed. It turned out however that it sunk very little into the sand, so there was at first a large saving in quantity, but the higher bank in deeper water consolidated to an extent I did not anticipate, and to allow for this an extra quantity had to be deposited which more than balanced the saving on the earlier portions of the north pier, and reduced them materially in the case of the south pier.

9. The increase of price from $1\frac{1}{2}$ to 2 rupees is partly due to the fact that, though I made an allowance over the ordinary prices for rubble stone which prevailed in 1873 for the extra cost which is sure to follow a pressing demand for labor, yet that allowance was not sufficient. It is to be remarked that there is no effectual competition for the contracts. A rise of price followed immediately on a public advertisement being issued for tenders in 1878, since which time the only contractors who have command of labor appear to have felt themselves more secure of their monopolies.

10. The steam hopper barges also have been unexpectedly expensive owing to the long periods during which they were unable to work either from being out of repair or obliged to shelter at Cocanada. While they are at work however they deposit the stone at a very cheap rate, and I have no doubt they have served to keep down the price of the deposit from cargo boats.

11. The saving of rather more than a rupee per cubic yard in the cost of the concrete blocks is due to the stone of which they are formed being supplied from Pallávaram at Rs. 2 per ton instead of from Tirutani at Rs. $2\frac{1}{2}$ as estimated. The saving would have been greater, but for the enhancement of the apparent cost of the Portland cement by the state of the exchange.

12. In the cost of setting blocks the estimated rate of Rs. 80 per lineal foot is equivalent to Rs. 3-3-0 per cubic yard, while the actual cost is rather under Rs. 1-9-0, a saving of 40 per cent. This is solely due to the increasing skill and care displayed in the various departments of the work.

13. *Lighthouses.*—In the original estimate £3,000 was allowed for each lighthouse, but this was before any definite design had been considered for the pier heads, and the amount is sufficient to allow of independent submarine foundations. These

2545

will be unnecessary with the widened pier heads now proposed, and the cost of them may therefore be transferred to the estimates for the piers, leaving 20,000 rupees for the superstructures only.

14. *Establishment.*—This was originally estimated at 5 per cent., but during the years 1877 and 1878 first one pier and then the other were so many months without making much progress that the expenditure was reduced without a corresponding reduction in the cost of establishment, which latter consequently rose to 9 per cent. at the end of 1878. In the two following years the greater rate of expenditure reduced it to $6\frac{1}{4}$. As, however, during the later stages the expenditure on works will be reduced before that on establishment can be, the percentage of the latter will again rise, though I hope the allowance of 7 per cent. will leave a surplus.

15. *Contingencies.*—This was originally taken at 10 per cent., but up to 31st December 1880 the charges debited to this head had amounted to little over 3 per cent. on the expenditure on works. The $3\frac{1}{2}$ per cent. now taken on the whole will allow 7 per cent. on the unexpended portion of the estimate for any future contingencies. The only further charge in prospect, however, is for storm water channels from the outlets of the drains to the water's edge amounting to Rs. 5,000.

16. There is indeed one claim now being made which, if substantiated, will make a further charge against the Harbour Works; I allude to the claim of the Madras Railway Company for a payment to cover their alleged loss in the carrying of the stone from Ambatúr. I do not at present offer any opinion on the merits of this claim, but I would remark that, inasmuch as the cost of conveyance was an item which I was obliged to take on the word of the Agent and Manager quite irrespective of my own judgment, a special amendment of the estimate should be made by an order of Government to cover the amount of the claim.

17. Abstract B is a statement of the expenditure to 31st December 1880 compared with the revised estimate, which I hope may be found suitable in form for future monthly statements. In the case of four sub-heads, "General Tools," "Stores," "Contingencies" and "Establishment," I have given the details in separate schedules so as to show particulars of expenditure which should be placed on record, but which, not having corresponding details in the estimate, cannot be conveniently inserted in the body of the statement.

No. 46. ORDER THEREON, 16th March 1881, No. 712 W.

WITH this letter the Engineer-in-Chief, Madras Harbour Works, submits the estimate for the works recast so as to admit of easier comparison with expenditure.

2. The total amount of the estimate as now submitted amounts to Rs. 58,45,165 and includes Rs. 2,00,000 on account of the moorings, but excludes a corresponding sum for extra rubble not now required. It also includes an additional sum of Rs. 10,394 for the pier heads, the amount being transferred from lighthouses under the circumstances explained in paragraph 13 of Mr. Parkes' report. No credit has been taken for recoveries by sale of tools and plant on completion of the works for which they have been procured. A sum of Rs. 1,00,000 may be shown on this account as a deduction from the total amount of the estimate, the full provision under "Tools and Plant" being allowed to stand. This course will admit of the full expenditure on the sub-head, while the recoveries can be checked when the work is finished and the accounts closed.

3 As regards the lump sum provision for lighthouses (Rs. 20,000), and moorings (Rs. 2,00,000), it seems desirable that detailed abstract estimates should be submitted so as to have some record of the kind of work executed as well as the quantity, rate, and cost thereof in the event of future reference becoming necessary.

4. It is noticed that the revised estimate provides Rs. 1,78,806 for contingencies, of which Rs. 1,41,899 would appear from Schedule 2 to have been already expended. A sum of Rs. 79,751 only of this sum, however, is shown as outlay on the protective

works north of the harbour, the probable cost of which as estimated by Mr. Thorowgood will be about $1\frac{1}{4}$ lakhs if the revetment is to be proceeded with. This point, as well as the claim for compensation by the Madras Railway Company for conveyance of material, will require further special consideration and orders.

5. With these remarks the revised estimate as amended by the deduction entry of Rs. 1,00,000 on account of sale of tools and plant will be printed for future guidance in the execution and accounts of the works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Engineer-in-Chief, Madras Harbour Works.
" Superintendent, do. do.
" Examiner of Public Works Accounts.
" Marine Department.

Exd. E. C. Shunker.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1881} Madras.

PUBLIC WORKS.

To

THE ENGINEER-IN-CHIEF,
MADRAS HARBOUR WORKS,

&c., &c., &c.

Dated March, 1882.

Issued

Rece. Encl.

G. O., 18th March 1881, No. 712 W.

MARCH.

Nos. 45-46.

Madras Harbour Works.—Orders on letter from the Engineer-in-Chief submitting a revised estimate for the —.

2345

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

8th March 1882, No. 601 W.

Buildings and Roads.
Civil Works.

Read the following papers :—

No. 75. From G. D. LEMON, Esq., Acting Collector of Madras, to the Acting Under Secretary to Government, Public Works Department, dated Madras, 28th February 1882, No. 61.

WITH reference to G.O., No, 3186 W., dated 24th December 1881, I have the honor to submit the Report of the Committee.

Mr. Thorowgood was present at our meetings and agreed to all the compensations proposed except those of the first five people on the list. These cases have been treated in the same way as all the rest, and there is no doubt that he would have agreed to these also had he been here.

The papers received with the Government Order under reply are herewith returned.

Report of the Committee appointed under Government Order, 24th December 1881, No. 3186 W.

WE find that all the land alluded to in the Government Order above quoted has been submerged and the buildings that were on it have been destroyed, except those belonging to the first five persons named in Mr. Barlow's lists, and it is necessary we should recommend the Government to pay to the owners the value of these lands, &c. The sums proposed will be found in the last column of the statement annexed.

2. It is to be noted first of all that long before the Harbour Works were commenced there had been continual erosion and loss of land by the encroachment of the sea, and some of the claimants for compensation had, by 1876, when the Harbour Works were commenced, lost a considerable part of the land which they imagined, or say they imagined, was in their possession. We have taken into consideration for compensation only such lands and buildings as were above high water mark in 1876.

3. The rates of compensation claimed vary from Rs. 250 a ground (of 2,400 square feet) to Rs. 150, and the only reason given for the high rates demanded are that the land fetched high rents which were charged on timber merchants and people who stored timber on the land prior to its removal into Madras. These rents are said to have been Rs. 2 a ground a month while timber was lying on it, but the timber trade is with Burmah chiefly, and by native vessels, and their arrivals are regulated by the south-west monsoon. We believe the source of income was very doubtful, and that the land was seldom or never rented for more than six months of the year at the full rate, and that no one plot was ever entirely rented out. The soil was heavy sand, useless or nearly so for agricultural purposes.

4. We considered the rates demanded for the most part too high, and with the assistance of the Tahsildar, and by inquiries of the claimants themselves, decided on the following as fair rates,

viz., Rs. 150 a ground for the lands nearest Madras, Rs. 120 for those a little further off, and Rs. 90 for those furthest away. The two first are the rates taken by Mr. Barlow, the last has been raised by us from Rs. 50 to Rs. 90.

5. The claimants have in all but a few cases agreed to the terms offered them, and the only cases requiring explanation are Nos. 1 to 6, 9 and 10.

6. Of these No. 1, Vira Chetti, claimed Rs. 200 per ground of 2,400 square feet. We offered him Rs. 150 and he refused, his land was chiefly used for a timber store though there were a few fishermen's huts paying a ground rent to him on it. It will be protected, it is believed, by the revetment wall now in progress, but its use and value will be gone, for timber cannot be dragged up the stone wall. The price offered, Rs. 1,500, we think a fair price, and we would advise that he be left to take this sum or retain the land as he pleases.

7. The next four are the "Medalists," men rewarded by Government for valor in saving life.—See Captain Taylor's letter, dated 12th December 1881, No. 11085. These lands have not been damaged, though the houses have, and it is believed that the stone revetment will, in future, protect them if they are rebuilt, but the people have manifested a great objection to remaining, and as the cost of the land to Government even at the rate of Rs. 150 per ground will only be Rs. 300, we have thought it best to propose for them compensation for houses and land, and advise the Government to give them the chance of rebuilding their houses in some safer place.

8. No. 6 is Adinarayana Naiken. He is a boat overseer, and his demand is Rs. 20,000. This seems to be at Rs. 185 a ground on what was left in 1876, and for 2 cawnies, 3 grounds, and 1470 square feet which he lost before the Harbour works were begun. For loss prior to 1876, Nature, not Government, is responsible, and therefore that and all similar claims were at once rejected.

9. His rate was reduced for the reasons already given. It is true he did sell a small patch at Rs. 185 a ground in the cotton famine year for a cotton press, but he cannot adduce any other evidence that the value of the remaining whole is as great as this, and we believe it to have been an exceptionally high rate paid for a particular purpose in a year when the cotton trade was in a state of considerable excitement. Mr. Gould, the Administrator General, on behalf of the estates under his management, only asks Rs. 150 a ground for the adjacent land and therefore this rate was offered and he agreed to take it.

10. No. 9, Venkatasubbu Chetti. This plot was known as the old saw-mills and was surrounded by a wall, but no mills were ever at work there, nor was the building completed. For the land from this point we only propose Rs. 120 per ground, taking into consideration the situation, further distance, from Madras, and for the building we offered Rs. 2,000. The offer was accepted.

11. No. 13, Parthasaradi Chetti, asks Rs. 150, and we offer Rs. 120 for the land per ground, this was not used for timber, being occupied by huts, a temple, and certain houses. These latter were estimated to the best of our ability and the owner agreed to our offer. The huts are the property of the fishing people.

12. From T. Cundasami Chetty, No. 15, to the end, we only offer Rs. 90 a ground, and to this all but Nos. 16 and 20 have agreed.

13. We can safely say that the compensation offered is liberal. No. 17, Manavaliah, told us we had offered him Rs. 90 a ground for land which he bought at Rs. 35 a few years ago, while No. 12, Sabapathi Chetti, is offered Rs. 742 for what cost him Rs. 250 in 1875.

14. There were huts to the number of 120 more or less in seven plots, these were the property of fishermen or other squatters on the land who paid a small ground rent. The huts were their property and are estimated to value Rs. 7 to Rs. 15 each.

15. The claimants for these sums are not at present known and it will take some time to find them out. We would therefore advise that the inquiry into these claims and the payment of them be left with the Collector, and that the disbursement of the other sums be sanctioned at once. Also that the Collector be authorized to expend without further reference a sum of Rs. 1,200 in payments not exceeding Rs. 15 for huts proved to his satisfaction to have been destroyed.

16. We have proposed nothing especial for compensation for loss of interest, or rents, during the period between 1876, because, *first*, it is not possible to make any fair estimate, and, *secondly*, it is not claimed by any one, but we have made our estimate of the value of the land per ground sufficiently high to cover any such loss.

17. It seems probable that there would be no further erosion at present, but rather that land will reappear until next north-east monsoon, and the question of what is to be done in anticipation of the probable further erosion and destruction of buildings at the close of the year has not been referred to us, still we think we may advise that an estimate by a skilled estimate maker should be at once commenced of lands and buildings likely to be lost before any damages done. These estimates which we have made have been made by us entirely in the dark as may be imagined, for two of us have never seen the lands or the buildings.

18. There are two cases with which we have not dealt. Mr. Vanderwart and that of B. Kather Saib. In Mr. Vanderwart's case the damage done to a wall has been repaired, and the other man claims rent for the house rendered vacant by his tenants' fear of the encroachment of the sea. These houses have not suffered any damage, and it seems best in the present state of affairs for us to leave them to be dealt with hereafter, so that their present value can at any future time be authoritatively referred to and stated.

19. The mussulman's back-wall is also being replaced by the Harbour authorities, and he limits his claim to four months' rent, at Rs. 60, which we think may be allowed him. We understand that a stone revetment has been proposed to protect the land and the buildings, &c., now standing, but Mr. Parkes seems to advocate a scheme whereby the Government is to purchase all property on the sea or eastern side of some line to be drawn in an inland direction from the revetment spoken of before to a point to the northward and not yet decided on, and until this *is* settled we cannot decide what is best to be done for the persons likely to be injured. But in case Mr. Parkes' proposition is approved, a valuation of all lands and buildings eastward of his line of limit of possible early damage by encroachment of the sea is imperative.

20. We would beg to advise that the compensation money now proposed for lands and buildings already lost, if approved, be made available for disbursement at once. The people have been long waiting and it was understood as one of the conditions of acceptance of our offers that there was to be no further delay in a well considered settlement of this matter.

(Signed) G. D. LEMON,
Acting Collector of Madras.

(Signed) W. H. BURTON, Lieut.-Col., R.E.,
Executive Engineer, Presidency.

Numbers.	Name of Owner's of Properties.	Grant or Certificate extant.	Survey extant in 1862.	Further loss in land by erosion of the Sea between the Survey year 1862 and Harbour Works commencement year 1875 from natural cause.	Difference for Compensation.	Value for Land demanded by the Owners.	Value for Building and huts demanded by the Owners.	Value for Trees demanded by the Owners.	Total Value demanded by the Owners.	Amount of Compensation which the Committee propose the Government should offer.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12
1	Veera Chetti, P.	C. G. SQ. FT. 0 10 0	C. G. SQ. FT. 0 9 2,312	C. G. SQ. FT. ..	C. G. SQ. FT. 0 10 0	Rs. 2,900	Rs. 510 30 huts	Rs. A. P. 15 8 0 1 Cocoanut and 7 Poorsan	Rs. A. P. 2,325 8 0	Rs. A. P. 1,500 0 0	Offer of Rs. 150 per ground was refused, *vide* Report.
2	Calliani Ammall and Veerasawmi Nattan.	0 0 1,200	0 0 1,200	..	0 0 1,200	100	600 a house	9 0 0 1 Cocoanut and 2 Pappias.	709 0 0	450 0 0	
3	Paupen	0 0 1,200	0 0 1,200	..	0 0 1,200	100	600 a house	..	709 0 0	450 0 0	
4	Amavasay	0 0 1,200	0 0 1,200	..	0 0 1,200	100	500 a house	..	650 0 0	350 0 0	
5	Cundappah Chetti	0 0 1,200	0 0 1,200	..	0 0 1,200	100	1,500 a house	25 0 0 2 Cocoanuts and 1 young Cocoanut.	1,625 0 0	650 0 0	
6	Audinarayanasawmi Naiken ..	4 1 600	2 8 1,971	0 3 501	2 3 1,470	*20,000	..	100 0 0 10 Poorsan trees	20,100 0 0	7,757 0 0	
7	Administrator General ..	1 12 75	0 23 643	0 4 1,803	0 18 1,240	†3,705	..	120 0 0 16 Cocoanuts and 1 Poorsan.	3,825 0 0	2,777 8 0	Said he would agree
8	Alankari Ammall	1 13 22	0 21 880	0 4 280	0 17 600	‡2,588	..	..	2,588 0 0	2,537 8 0	
9	Venkatasubboo Chetti ..	2 5 800	1 17 2,106	0 6 1,181	1 11 925	*7,100	..	..	..	6,246 4 0	
10	Condasawmi Chetti	0 10 1,800	0 6 1,503	0 0 1,261½	0 6 241½	†1,220	70 5 huts	..	1,290 0 0	732 0 0	
11	Rajoo Chetti	0 8 1,216	0 6 1,695	0 0 1,115	0 6 580	†1,250	110 7 huts	..	1,360 0 0	792 4 0	
12	Sabapathi Chetti	0 8 1,056	0 5 2,051	..	0 6 490¾	§1,240	..	..	1,240 0 0	742 8 0	
13	M. Parthasaradi Chetti ..	0 16 1,413½	0 14 744	0 1 2,381½	0 12 762½	‡ Demands the lump sum of 10 huts and 2 houses.			7,251 12 0	4,263 0 0	
14	Paleanthan Chetti	0 8 1,200	0 7 480	0 0 1,745	0 6 1,135	‡975	2,600 2 houses and 1 hut.	..	3,575 0 0	2,304 0 0	
15	T. Candasawmi Chetti ..	0 21 400	0 13 1,650	0 1 70	0 12 1,580	†2,550	150 12 huts.	..	2,700 0 0	1,138 4 0	
16	Subbaroya Chetti, Candappa Chetti and Veerasawmi Chetti.	2 17 5	2 4 2,399	0 2 899	2 2 1,500	†10,125	270 21 huts and a well.	..	10,395 0 0	4,556 4 0	Offer of Rs. 90 per ground refused although they had papers which showed they bought at 40, 50 and 60 Rupees a ground.
17	Manavaliah	0 9 0	0 6 2,097	..	0 6 2,097	§1,720	..	..	1,720 0 0	618 12 0	
18	Mahomed Fakir Saib ..	0 2 0	0 1 1,876	..	0 1 1,876	†350	250 1 building and 1 well.	35 0 0 2 Cocoanut trees and 1 Poorsan.	615 0 0	250 8 0	
19	Administrator General ..	2 4 200	1 7 913	..	1 7 913	†6,276	720 20 huts	..	6,996 0 0	4,707 1 0	Said he would agree.
20	Seethiah Naiken	1 10 900	1 9 1,527	..	1 9 1,527	†6,727	1,040 2 huts	..	7,767 0 0	3,027 4 2	
21	Salar Moah Saib	1 14 1,300	1 13 2,252	..	1 13 2,252	†7,579	..	70 0 0 39 Poorsan trees	7,649 0 0	3,446 8 0	
22	Tirumalai Achari	0 9 1,200	0 10 633	..	0 9 1,200	†1,900	..	..	1,900 0 0	855 0 0	
	Total ..	..	..	..	..	..	..	..	..	60,141 9 2	

* Rate not given.
† Do. Rs. 200 a ground.
‡ Rate Rs. 150 a ground.
§ Do. Rs. 250 do.

(Signed) G. D. LEMON,
Acting Collector of Madras.

(Signed) W. H. BURTON, Lieut.-Col. R.E.,
Executive Engineer, Presidency.

No. 539 C.

REFERRED to the Engineer-in-Chief, Madras Harbour Works, for any remarks he may wish to make.

A very early reply is requested.

(Signed) R. H. SANKEY, Colonel, R.E.,
Secy. to Govt., P.W.D.

3rd March 1882.

No. 75-A. From W. PARKES, Esq., M. INST. C.E., Engineer-in-Chief, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 4th March 1882, No. 6 W.

I HAVE the honor to return herewith the papers accompanying your reference to me, No. 539 C. of 3rd March, and to state that I concur generally in the recommendations of the Committee as to the mode of dealing with the claimants for compensation.

2. I would beg however to call attention to an error into which the Committee appear to have fallen as to the season at which further erosions may be anticipated. The time of erosion is the *south-west* not the *north-east* monsoon as stated in paragraph 17, and it may be expected to commence in May or June. The settlement of the question of how further encroachments are to be dealt with is therefore more urgent than the reporters have assumed.

No. 76. ORDER THEREON, 8th March 1882, No. 601 W.

THE recommendations of the Committee are approved, and the Collector is authorised to adjust the claims in the manner proposed.

2. The Government Solicitor will render the Collector such assistance as may be needed in the settlement of the claims.

3. The Superintendent of the Harbour Works will arrange for clear surveys being made of the ground for which compensation is paid.

4. The charges will be debited against the Harbour Works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Collector of Madras.
" Superintendent of Madras Harbour Works.
" Examiner of Public Works Accounts.
" Government Solicitor.
" Revenue Department.
" Marine "

Exd. S. T. Austin.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1882) Madras.

PUBLIC WORKS.

To

THE COLLECTOR OF MADRAS,

&c., &c., &c.

Dated March, 8th.

Issued

Encl. *Encl.*

G.O., 8th March 1882, No. 601 W.

MARCH.

Nos. 75-76.

Claim for compensation for damage done to property by the encroachment of the sea, north of the Harbour.—The Collector authorised to adjust the — in the manner proposed by the Committee appointed to consider the same, and the Government Solicitor directed to render the Collector such assistance as may be needed in the settlement of the claims.

1585

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From F. N. THOROWGOOD, Esq., M. INST. C.E., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 19th September 1883, No. 22 W.

I have the honor to submit the following for the approval of Government.

2. The task of taking up and looking after the land, trees, houses and huts which are from time to time being handed over to this department by the Deputy Collector under Government Orders noted in the margin is at present so extremely troublesome, that I venture very respectfully to ask for sanction to some special arrangements which appear to me necessary for the next six months, or, say, till 1st April 1884, by which time I hope all the necessary land will be acquired and the work will have got into a regular groove.

No. 601 W., dated 8th March 1882.
„ 2101 W., „ 16th August „

3. I will, as briefly as I can, explain that the Deputy Collector sends daily (and sometimes more frequently) lists of properties to be handed over, and these have to be inspected personally by some competent person at the time of receiving. A surveyor has to note the land, building or tree on a plan, and a competent clerk and conicopillay have to record the property in a suitable list for the purpose of collecting rent. The whole is under the supervision of Mr. Beardmore.

4. The number of these items of property is now mounting up to near 1,300, and most of them are 2 miles from this office, some of them nearly 3 miles. There is no proper road to these places, but a heavy track along the sand.

5. The collecting of rent is most difficult, as most of the occupants of huts refuse to pay anything, notwithstanding that my orders are to pull down the huts of those who continue to refuse payment. Legal process has been tried on the better class of non-paying tenants, but without much satisfaction. Robberies of property and cutting down of trees and fences is of common occurrence, involving an ever-varying but never-ending staff of watchmen.

6. The actual travelling backwards and forwards from this office two or three times a day is really very hard work for anybody, and I cannot expect that the very competent clerk who has charge of the list of properties can be expected to do this in addition to his office work without extra pay.

7. I may mention that I have this morning received a letter from the Deputy Collector asking me to value a plot of land, nearly 3 miles away, on which are over 3,000 casuarina trees, and requiring also my notion of the value of each tree.

8. I do not wish to ask for an increase of salary to any one on the Harbour Works staff at present, and it is not desirable (even if it were admissible) to ask for any fixed travelling allowance for such work as I have described.

9. The work is very arduous and troublesome, and I am quite unable to ask for any fixed staff for it as yet, for I sometimes want a large number of extra hands as watchmen and survey lascars. The work, moreover, will only be of temporary duration, as I hope that by 1st April 1884 all will be smooth going.

10. What I therefore ask for is that, as a temporary measure, I may be given full power over the staff required for this purpose of taking up land and receiving rent, and may treat those that are engaged on the work as if they were on the muster roll of executive work, in which case they would get extra pay for extra work, according to the time occupied. It shall, of course, be my duty to be satisfied that the time is fairly employed.

11. This object will be easily attained if for the next six months I may be allowed to remove the pay of one clerk (Mr. E. A. D'Vaz) and one surveyor (Moonoosawmy Rao) from the regular establishment of this office (their *names* being still retained however), and may place them on this special duty for a time, their pay being chargeable to that head of the estimate which at present carries all the charges involved in this intricate business of taking up the coast land.

12. If I may be favored with an early reply I shall be very glad.

Office note from the Examiner of Public Works Accounts, dated 27th September 1883, No. 663.

There appears no objection to the proposal advanced by the Superintendent, Madras Harbour Works, in paragraph 11 of his letter, being sanctioned by Government. The clerk and the surveyor named by the Superintendent are at present on the regular establishment of the Harbour Works division, and their services are non-pensionable.

From the Superintendent, Madras Harbour Works, dated 3rd October 1883, No. $\frac{1}{22\ W.}$

ORDER—dated 9th October 1883, No. 2837 W., Public Works.

The arrangements proposed by the Superintendent, Madras Harbour Works, in paragraphs 10 and 11 of his letter above recorded, are approved.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
" Examiner, Public Works Accounts.

Exd. A. F. Goodall.
Spare Copies

2545

12

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated October, 9th.

Recd. *Encl.*

G.O., 9th Oct. 1883, No. 2837 W.

OCTOBER.

Acquisition of Land for the Madras Harbour Works

Sanctioning the transfer of a clerk and a surveyor from the regular establishment of the office of the Superintendent, Madras Harbour Works, to the special work of —.

2367/13

BUDGET ESTIMATE OF EXPENDITURE ON THE HARBOUR WORKS IN MADRAS DURING 1884-85.

PART I, SECTION A.

	Budget Estimate, 1884-85	Revised Estimate, 1883-84	Budget Estimate, 1883-84.	Actual, 1882-83.
	Rs.	Rs.	Rs.	Rs.
Reconstruction	1,00,000	1,55,521	1,68,192	4,12,823
Repairs	...	...	...	...
Establishment	54,900	72,476	72,476	56,243
Tools and Plant	5,000	4,671	—8,000	2,334
Suspense	20,000	47,332	47,332	26,682
Total ...	1,79,900	2,80,000	2,80,000	4,98,082

	Rs.
Payments in England	5,000
Do. in India	1,74,900
Total ...	1,79,900

MADRAS,
28th March 1884.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Government, P.W.D.

GOVERNMENT OF MADRAS.

PART III.

Detail of the Budget Estimate for Establishments for the Harbour Works in Madras for 1884-85.

Number. 1883-84.	Number. 1884-85.	Particulars.	Salary of Office.	Estimate for 1884-85. Per Mensem.	Estimate for 1884-85. Per Annum.	Estimate for 1884-85. Total.	Estimate for 1883-84. Charges per Annum.
			Rs.	Rs.	Rs.	Rs.	Rs.
		DIRECTION.					
		Engineer Establishment.					
1	1	Engineer-in-Chief	...	...	5,000		
1	1	Total, Direction Salaries ...	...	...	5,000	5,000	19,469
		CONSTRUCTION.					
		Engineer Establishment.					
1	1	Superintendent of Works ...	1,250	1,250			
1	1	Assistant Superintendent ...	700	700			
2	2	Total ...	...	1,950	23,400	...	25,232
		Upper Subordinate Establishment.					
1	1	Sub-Engineer, First Grade ...	400	400			
1	1	Foreman of Works	400	400			
1	1	Mechanical Engineer	300	300			
1	1	Accountant, Fourth Grade ...	107	107			
4	4	Total ...	...	1,207	14,484	...	14,540
		Petty Establishment.					
1	1	Storekeeper	220	220			
1	1	Writer or Assistant Storekeeper.	30	30			
1	1	Godown-keeper	25	25			
1	1	Lascar	7	7			
4	4	Total ...	...	282	3,384	...	3,384
		Office Establishment.					
		Superintendent of Works.					
11	1	Head Clerk	80	80			
	1	Clerk	35	35			
	1	Do.	25	25			
	1	Cashier	25	25			
	3	Peons	40	40			
11	7		7	21			
		Total ...	...	201	2,412	...	2,412
		Assistant Superintendent.					
7	1	Clerk	35	35			
	1	Draftsman	45	45			
	1	Do.	20	20			
	3	Peons	7	21			
7	6	Total ...	...	121	1,452	...	1,052

Detail of the Budget Estimate for Establishments for the Harbour Works in Madras for 1884-85—cont.

Number. 1883-84.	Number. 1884-85.	Particulars.	Salary of Office.	Estimate for 1884-85. Per Mensem.	Estimate for 1884-85. Per Annum.	Estimate for 1884-85. Total.	Estimate for 1883-84. Charges per Annum.
		CONSTRUCTION—*cont.*	Rs.	Rs.	Rs.	Rs.	Rs.
		Sub-Engineer Establishment.					
1	1	Clerk and Timekeeper	40	40			
1	1	Do.	25	25			
1	1	Do.	20	20			
1	1	Draftsman	20	20			
2	2	Peons	7	14			
6	6	Total ...	...	119	1,428	...	1,428
		Presidency house-rent and allowances to Sub-Engineer, &c.	...	150	1,800	...	1,840
		Total, Construction Salaries ...	...	...	...	48,360	49,880
		Travelling Allowances ...	...	...	...	1,000	2,000
		Office expenses and contingencies	...	...	...	540	1,119
		Grand Total ...	...	...	...	54,900	72,476

Abstract of foregoing provision for Establishment.

	Salaries.	Travelling Allowances.	Contingencies.	Total. 1884-85.	Total. 1883-84.
	Rs.	Rs.	Rs.	Rs.	Rs.
Direction	5,000	...	...	5,000	19,469
Construction	48,360	1,000	540	49,900	53,007
Total ...	53,360	1,000	540	54,900	72,476

MADRAS,
28th March 1884.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Government, P.W.D.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper:—

From the Government of India, Public Works Department (Account—General), dated Fort William, 14th March 1884, No. 104 A.G.

Orders on the Madras Harbour Works Budget Estimate, 1884-85, and Revised Estimate, 1883-84.

Read—

Letter, No. 2975 W., dated 19th October 1883, from the Government of Madras.
Government of India, Finance Department, No. 839, dated 11 February 1884.

Resolution.—Under the orders contained in Finance Department, No. 839, dated 11th February 1884, read above, all the expenditure recorded under Productive Public Works to the end of 1882-83 on account of the Harbour Works, amounting to Rs. 53,30,708,* should be written back to the debit of Imperial Civil Buildings, Roads and Services, in the accounts for 1883-84, a corresponding credit being given to Productive Public Works.

	Rs.
* 1878-79	25,93,566
1879-80	8,50,000
1880-81	7,00,000
1881-82	6,89,060
1882-83	4,98,082

2. Pending further orders the outlay during 1883-84 and 1884-85 should continue to be audited by the Examiner of Public Works Accounts, Madras, in accordance with departmental rules, but should be debited in transfer to the Civil Department by means of the monthly exchange accounts between the Public Works and Civil Departments, and will, as advised by the Finance Department of the Government of India, for the present be brought to account by charge to "*Loans to Presidency Corporations*" in the books of the Accountant-General, Madras.

3. The revised estimate of the current year has been fixed at the grant sanctioned, namely, Rs. 2,80,000. The budget estimate of 1884-85 has been passed for a total of Rs. 1,79,900 as detailed below:—

	Rs.
Reconstruction	1,00,000
Establishment	54,900
Tools and Plant	5,000
Suspense	20,000
Total ...	1,79,900
Payments in England	5,000
Payments in India	1,74,900

Order—Ordered, that this resolution be communicated to the Government of Madras with the request that thirty-five printed copies of the budget estimate as now passed may be submitted so as to reach the Government of India not later than the 1st May 1884.

(Signed) W. S. TREVOR, Colonel, R.E.,
Secretary to the Govt. of India.

ORDER—dated 28th March 1884, No. 852 W., Public Works.

Ordered that the final issue of the Madras Harbour Works budget estimate for 1884-85, prepared for Rs. 1,79,900, the sum fixed by the Government of India in the resolution read at the head of these proceedings, be printed, and thirty-five copies forwarded to the Government of India.

2. The Examiner, Public Works Accounts, will adjust the outlay as directed in paragraphs 1 and 2 of the resolution.

(Here enter No. 853 W., dated 28th March 1884.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
" Examiner, Public Works Accounts.
" Financial Department.
" Marine "

Exd. E. Fernandez.
Spare Copies

2347/16

16

GENERAL.
ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated March, 28th.

Recd. *Encl.*

G.O., 28th March 1884, No. 852 W.

MARCH.

Budget Estimate

Ordered that the final issue of the — of the Madras Harbour Works for 1884-85 be printed and forwarded to the Government of India.

23/17

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 29th March 1884, No. 202 W.:—

I have the honor to submit, for information and orders of Government, notes by Mr. Rainier, Deputy Examiner, of his inspection of the office of the Madras Harbour Works.

2. The report is satisfactory.

ENCLOSURE.

Notes of inspection by H. RAINIER, Esq., Deputy Examiner, Public Works Accounts, Madras, of the office of the Superintendent, Madras Harbour Works, on the 26th March 1884.

The Superintendent, Mr. F. N. Thorowgood, and the accountant, G. Muthusawmy Naidu, were present.

2. The office was last inspected on the 15th November 1883, *vide* papers printed with G.O., No. 3372 W., of 23rd idem.

3. The accuracy of the balance of the Superintendent's drawing account was proved, as on 1st March 1884. The cheque books, the pass books, the cash and the cash-abstract books were found in order.

4. The allocation of labor employed on works on a time-sheet daily rendered to the Superintendent, which is compared with the semi-monthly muster-roll, is a good arrangement, and well maintained. Work abstracts are prepared in a neat and complete manner by the accountant, and the register of works is in good order. The *materials at site*, 12,748 concrete blocks, are valued at Rs. 1,64,974.

5. The *stock* accounts are satisfactorily kept. Rates seemed generally market-like, and the Superintendent described the stock as in serviceable condition, none of it being surplus. The stock sub-ledger is freely used, and such accounts are clearly and well kept. The Superintendent agreed that in future the storekeeper should record stock transactions in his daily registers at the time they occur, just as would be done in the case of cash. Stock was stated to have undergone general verification in May 1883; another stock-taking was promised very shortly.

6. The *tools and plant* accounts were found in order. These, and especially the mathematical and scientific instruments, require and will shortly receive, it was said, a thorough overhaul.

7. *Rents* of buildings have not been punctually or regularly realised; those of last January were received (as per cash-book) on the 12th and paid into the treasury on the 20th instant. Of one item only is there supposed to be any doubt of recovery, as regards such rents. This, Rs. 28-6-8, is due from a Mr. G. D. Stephens, whom the Government Solicitor is moving. According to the papers printed with Government Order (Public Works Department), No. 544, of 28th February 1884, these rents will now be recovered by the Collector. The Superintendent wishes this arrangement to have effect as soon as possible. Perhaps it can be ordered to begin from 1st April 1884.

8. There has been due attention given to the suggestions in last report, though as regards what was said in paragraph 6 (*vide* G.O., No. 3372 W., of 23rd November 1883), the Superintendent prefers continuing the more detailed schedule of expenditure.

9. The departmental code is incomplete, but will now be posted up with all standing orders.

10. The accountant is well assisted.

11. The office is in very good order.

ORDER—dated 2nd April 1884, No. 901 W., Public Works.

Communicated to the Superintendent, Madras Harbour Works.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintendent, Madras Harbour Works.
" Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

GENERAL ACCOUNT.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated April, 2nd.

Recd. *Encl.*

G.O., 2nd April 1884, No. 901 W.

APRIL.

Notes of Inspection

The — of the Madras Harbour Works office, by the Deputy Examiner of Public Works Accounts, communicated to the Superintendent, Madras Harbour Works.

2541/19

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—the following Proceedings of the Board of Revenue, dated 4th August 1884, No. 2675 :—

Read—the following letter from C. F. MACCARTIE, Esq., Acting Collector of Madras, to the Secretary to the Board of Revenue, dated 17th July 1884, Reference on No. 1163 :—

I have the honor to submit the explanation called for in Board's Proceedings, Mis. No. 3697, dated the 3rd May last, communicating G.O., No. 1735, R. D., dated the 24th April 1884, relating to the assumption of charge of the lands acquired north of the harbour and to arrangements for the collection of rents due thereon.

2. The first G.O. on the subject—No. 200, Revenue, dated 9th February last—was received in this office on the 1st March 1884, and communicated to the Deputy Collector on the 4th idem for necessary action and report as soon as arrangements had been made for punctual collection of rents. A reminder, dated 26th of the same month, stirred the Deputy Collector to action, as one day later, he addressed the Harbour Works Superintendent for the first time, inquiring when that officer could make it convenient to transfer charge of the lands. An interview took place on April 7th, and on the following day the Harbour Superintendent wrote as follows to the Deputy Collector :—

"I find that it will not be possible to hand the papers and rent-rolls over to you at once as I hoped to do. There is a difficulty about making a clear statement of the arrears of rent which will take a few days to put right. I will let you know when everything is ready, but I still think it would be advisable for a member of your staff to come to my office and see the system of work now carried on."

The Taluk Head Gumasta was detailed for this duty, but found the Harbour office closed for the Easter holidays, and no further steps were taken by the Superintendent till April 30th, when three clerks arrived from his office with bundles of papers, which were immediately overhauled and found to contain neither a demand, collection and balance statement nor an individual arrear list, without which the demand against each tenant could not be ascertained and prompt payment enforced. The Deputy Collector nevertheless took charge of the properties on the 1st May and received into his treasury only such rents as were voluntarily paid, as no legal processes could be issued in respect of the remainder until a list of arrears against each tenant was made out.

3. The three clerks deputed by the Superintendent immediately set to work, under the Deputy Collector's supervision, upon the preparation of this list, which, however, could not be completed before the 15th June, owing to the defective system in which the accounts had been kept. These clerks have therefore to be paid from 1st May to 15th June at the rates noted in the margin—the salaries they were drawing while under the Superintendent, whose recommendation that their pay should be increased I am not prepared to support.

	Rs.	
1. C. Annamalai Mudali, Clerk...	15	a month.
2. W. S. Appadorai Mudali ...	10	"
3. V. Vencata Rau	8	"
	33	

4. It will thus be seen that the real cause of the delay in taking over charge of the properties was the unreadiness and incompleteness of the accounts handed over by the Harbour Superintendent; the Deputy Collector lay on his oars for twenty-two

days of March, it is true, but he thought it inexpedient to take the initiative in the middle of the last month of the financial year.

5. On scrutinizing these Harbour Works accounts, it appears (1) that the properties transferred to this department consist of 1,076 holdings, of which sixty huts and houses had been destroyed and thirty-two remained unoccupied up to 1st May, the date of transfer, and (2) that the total monthly demand of rents against the remaining 984 properties is Rs. 426-1-3, exclusive of rents of 24 timber depôts, which are occupied only in the timber import season. The rents on these depôts vary from month to month, but average about Rs. 35 a month, or Rs. 420 per annum. The total average monthly rents may thus be fixed at Rs. 460, or Rs. 5,520 a year, which is as much as, if not more than, the yearly revenue of the largest division in this taluk, to which a separate curnam and attender are attached. The arrears outstanding due up to 1st May amounted to Rs. 1,395-5-6, of which Rs. 363-15-3 were collected in the months of May and June, leaving a balance of Rs. 1,031-6-3. The rents due for the months of May and June amounted to Rs. 932-2-6, of which only Rs. 178-14-0 were collected in June, leaving an arrear of Rs. 753-4-6, which raises the total outstanding on the 1st July 1884 to Rs. 1,784-10-9. Collections proceed at a snail's pace owing to the inability of the already hardworked conicopillays to cope with the superimposed burden.

6. Under Mr. Lee-Warner's orders, every endeavour was made by the Deputy Collector to have the rents collected by the existing Revenue staff, but experience has shown that this cannot be done without serious deteriment to quit-rent collections. The rents are payable monthly, but the tenants rarely pay until issue of legal process (*vide* paragraph 5 of Mr. Thorowgood's letter printed in G.O., No. 200, dated 9th February 1884). It may therefore be necessary to issue nearly a thousand demand notices and as many distraint warrants to be served and executed every month. In addition to this, 1,000 receipts in duplicate have to be prepared for issue to the parties and as many payments recorded in the Insert Registers.

7. The properties consist of five bungalows, 140 *pucca* native houses, 848 huts and 3 casuarina plantations. The latter require supervision, and the houses and huts, being mostly inhabited by the predatory race of Madras boatmen and other rapacious tribes, require continual watching, scattered as they are over a length exceeding two miles; hence the necessity for the following proposals, which I trust may receive sanction from the 20th instant. The total cost amounts to Rs. 80 debitable to Harbour Works, as compared with establishment of Rs. 294 maintained by the Harbour Superintendent :—

	Rs.	
One Clerk	20	
One Conicopillay	18	(who will furnish a security
One Attender	9	of Rs. 500.)
Four Watchmen, at Rs. 4 each ...	16	
One Gardener	4	
One do.	3	
Total ...	70	
Contingencies	10	
Grand Total ...	80	

The existing staff of watchmen and gardeners employed by the Harbour Works Superintendent will hold on till 19th idem, when such of the men as will not be required under the proposed arrangement will be dispensed with, and notice hereof has been given them.

8. The Harbour Works Superintendent reports that he has either disbursed, or will have to disburse, the pay of these men for May, and requests that they be paid by this department from 1st June. I have the honor, therefore, to request that sanction may also be obtained for the disbursement of their pay (Rs. 88-14-7) from 1st June to 19th July, together with that of the three clerks (Rs. 49-8-0) referred to in paragraph 3 from 1st May to 15th June, aggregating in all Rs. 138-6-7.

2545/20

Read—the following letter from C. F. MACCARTIE, Esq., Acting Collector of Madras, to the Secretary to the Board of Revenue, dated 23rd July 1884, Reference on No. 1367 :—

In continuation of this office reference, dated the 17th instant, on No. 1163 of 1884, I have the honor to request that sanction may be speedily obtained for the temporary employment, from 1st proximo to November 1st, of three watermen on Rs. 3 each per month, in addition to the establishment of two gardeners on Rs. 4 and 3, respectively, proposed in paragraph 7 of the above-quoted letter.

2. The two young casuarina plantations started by the Harbour Works Superintendent contain 1,500 young trees which require constant watering, in addition to which there are no less than 2,400 trees in the older plantations which still need the same attention. The permanent staff, which consists of two men, is inadequate to cope with this labor, to which must be added pruning the older trees; hence the necessity for the temporary increase of establishment, which can be dispensed with on the advent of the north-east monsoon and re-entertained next February or March according as the season may turn out.

3. The cost of pruning knives and baskets, together with that of digging small ponds for watering the plants, has also to be met from the amount of Rs. 10 a month provided for contingencies in my letter quoted above.

4. In consideration of the present drought, which will, in the absence of special precautions, kill all the young plants, I have, in anticipation of sanction, ordered the Deputy Collector to entertain the additional watermen from the 1st proximo, and to buy the necessary tools.

Resolution—dated 4th August 1884, No. 2675.

Submitted to Government, with reference to G.O., dated 24th April 1884, Mis. No. 1735.

2. All the lands acquired by Government, north of the Harbour, have been taken charge of by the Deputy Collector from 1st May 1884. The delay in taking over charge appears to have been mainly due to proper accounts not having been kept in the Harbour Superintendent's office showing the demand, collection and balance of rents due by the several tenants. The properties taken over consist of 5 bungalows, 140 native houses, 848 huts and 3 casuarina plantations. The aggregate monthly rent, including the rent of timber depôts (Rs. 35 on an average), which are occupied only during the timber-importing season, amounts to Rs. 461, and has to be collected from a number of petty tenants, most of whom are boatmen, scattered over a length of upwards of two miles. The establishment maintained by the Superintendent of the Harbour Works for collecting the rents and looking after the plantations cost Rs. 294 per mensem. The Collector proposes to have the following reduced establishment, for which sanction is requested, with effect from the 20th July 1884 :—

	Rs.
One Clerk on Rs. 20	20
One Conicopillay on Rs. 18	18
One Attender on Rs. 9	9
Four Watchmen at Rs. 4 each	16
One Gardener on Rs. 4	4
One Gardener on Rs. 3	3
Contingencies	10
Total ...	80

Sanction is also solicited for the pay * of three clerks deputed by the Superintendent, Harbour Works, to work under the orders of the Deputy Collector and prepare a list of arrears of rent due and of the watchmen and gardeners from 1st June to 19th July, amounting to Rs. 88-14-7. In the second letter read above, the Collector reports that he has, in anticipation, ordered the entertainment from the 1st proximo of

* Rs. 49-8-0 from 1st May to 15th June.

three additional watermen at Rs. 3 each per mensem, to water the casuarina plantations. These temporary men are said to be required up to the setting-in of the north-east monsoon, or about 1st November next. The Board approve of the Collector's action, and request the formal sanction of Government to the additional establishment.

(True Copies and Extract.)

(Signed) E. GIBSON,
Secretary.

To the Secretary to Government, Revenue Department.
,, the Collector of Madras.

ORDER—dated 9th September 1884, No. 998, Revenue.

Miscellaneous.

Sanction is granted to the entertainment of the establishment proposed, costing Rs. 79 *per mensem*, of which the three watermen on Rs. 3 each are to be employed for only six months in the year. The establishment will be considered to be temporary. The proposed monthly allowance of Rs. 10 for contingencies is also sanctioned. The charges will be debitable against Harbour Works.

2. Sanction is granted also to the disbursement of Rs. 138-6-7, being the pay due to men on the Harbour Superintendent's establishment, now abolished, for the period they were employed under the Deputy Collector.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

To the Board of Revenue.
,, the Public Works Department.
,, the Accountant-General.

Exd. W. H. French.

70 Copies.

25 HS / 21

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Govt. of [1884] Madras.

REVENUE.

Issued

Recd. *Encl.*

G.O., 9th September 1884, No. 998.

SEPTEMBER.

Establishment

proposed for the collection of rents on Government lands, north of the Madras Harbour Works. —The entertainment of the —, the proposed monthly allowance for contingencies, and the disbursement of the pay due to men on the Harbour Superintendent's establishment, now abolished, for the period they were employed under the Deputy Collector, sanctioned with remarks.

GOVERNMENT OF MADRAS.

REVENUE DEPARTMENT.

READ—again Proceedings of the Madras Government, dated 14th December 1883, No. 3574 W., Public Works, communicated to the Board of Revenue by Revenue G.O., dated 11th January 1884, Mis. No. 109:—

ABSTRACT.—Passing orders on letter from the Superintendent proposing certain changes in the establishment, &c., of the Madras Harbour Works on the commencement of its reconstruction.

READ—the following letter from F. N. THOROWGOOD, Esq., M. INST. C.E., Superintendent, Madras Harbour Works, to the Secretary to Government, Public Works Department, dated Madras, 8th January 1884, No. 38 W.:—

In acknowledging the receipt of G.O., No. 3574 W. of 14th December 1883, I have the honor to ask that I may be permitted very respectfully to express my thanks for the very encouraging way in which my proposals and requests have been received by Government. I am confident that the results following the order when in operation will be most satisfactory.

2. In reply to paragraph 7 of the order, I have the honor to remark that I know no reason why the collection of rents from the properties to the north should not be handed over to the Revenue Department, and there is no arrangement which I should hail with greater satisfaction than transferring charge of the lands and houses to that department.

3. I believe it is customary in the Public Works Department for the Engineering staff attached to any works to collect rents of buildings on such works. But I am perfectly certain that no such undertaking as this one under discussion was ever foreseen when that custom was sanctioned.

4. The acquisition of property is now almost completed, only some trifling items remaining to be handed over and some disputed rights of ownership to be settled.

5. My own views are exactly expressed in the words of the paragraph of the order above referred to, namely, that "the energies of the whole of the Harbour staff should be devoted to their legitimate and heavy work," when operations are resumed. Moreover, I feel inclined to believe that the officers of the Revenue Department will prove more successful in collecting rents than my staff has hitherto been. In fact many of the tenants (of whom there are upwards of 1,000) do not think of paying rent without legal proceedings being taken, and the collection is always in arrear in spite of all our efforts. The Revenue Department probably have men at their command who are thoroughly accustomed to such work, and who are possibly armed with an authority such as my people have not.

6. It is perhaps hardly necessary to point out that, as the cost of the property in question was borne by the Harbour Works Funds, the rents collected by the Revenue Department (after deducting expenses) should go to the credit of the Harbour Works as at present.

No. 28 C.

Referred to the Revenue Department.

(Signed) C. BOWEN, Major, R.E.,
Under-Secy. to Govt., P.W.D.

10th January 1884.

To the Revenue Department.

ORDER—dated 9th February 1884, No. 200, Revenue.

Land Revenue, No. 30.

The Board of Revenue will instruct the Collector of Madras to take charge of all lands acquired by Government north of the Harbour, and to arrange for the punctual collection of the rent due thereon. A statement of outstanding arrears should be obtained from the Superintendent of Harbour Works, and immediate steps taken for their realisation. The rents, &c., collected should be credited to the Harbour Works under instructions which will be issued by the Accountant-General.

(True Extract.)

(Signed) H. E. STOKES,
Secretary to Government.

To the Board of Revenue.
" Public Works Department.
" Accountant-General.

Exd. J. Henricus.

70 Copies.

P.W.D.

No 544 W a/28th Feby/84

Communicated
to the Supt Madras
Harbour works for
information and guidance

Sd/ J.S

Gobt. of {1884} Madras.

REVENUE.

Issued

Recd. Encl.

G.O., 9th February 1884, No. 200.

No 544 W dt 28 Feby/84

FEBRUARY.

Lands

acquired by Government north of the Madras Harbour.—Board of Revenue directed to instruct the Collector to take charge of all —, and to arrange for the punctual collection of the rents due on them.

With orders

Supt Madras Harbour
Ex. P.W. Acct

From

The Examiner P.W. Accounts,

Madras.

To

The Secretary to Government,

Public Works Department.

No. 81 W. Madras, 9th October 1884.

Sir,

I have the honor to submit for information and orders of Government noted by Mr Rainier Dy. Examiner, of his inspection of the Madras Harbor Works Office.

The office is in good order.

I have the honor to be,

Sir,

Your Most Obedient Servant,

D. P. Cannon

Examiner P. W. Accounts.

Bondoni

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2-45

NOTES OF INSPECTION BY R.RAINIER ESQUIRE, DEPUTY EXAMINER P.W.ACCOUNTS MADRAS, OF THE OFFICE OF THE SUPERINTENDENT OF THE MADRAS HARBOR WORKS, ON THE 2ND.OCTOBER 1884.

THE SUPERINTENDENT, MR. F.M. THOROWGOOD WAS PRESENT; AND THE ACCOUNTANT G.MUTHUSAMEY NAICK. THE OFFICE WAS LAST EXAMINED ON THE 26TH.MARCH 1884, VIDE PAPERS PRINTED WITH G.O.NO.901 M.OF 2ND.APRIL 1884.

2. THEN, THE OUTLAY WAS BEING RECORDED IN THE FINANCE ACCOUNTS OF THE GOVERNMENT OF INDIA, IN THIS DEPARTMENT, UNDER M.EXPENDITURE ON PRODUCTIVE PUBLIC WORKS, CAPITAL ACCOUNT; 55.MISCELLANEOUS PUBLIC IMPROVEMENTS. BUT, IN PASSING ORDERS ON THE BUDGET ESTIMATE OF THIS PROJECT FOR 1884-85, AND REVISED ESTIMATE 1883-84, THE GOVERNMENT OF INDIA, IN ITS RESOLUTION NO.104 A.G.OF 14TH.MARCH 1884 (PRINTED WITH G.O.NO.852 M.OF 28TH.MARCH 1884) DESIRED THAT ALL OUTLAY TO THE END OF 1882-83 SHOULD BE WRITTEN BACK TO DEBIT OF M.EXPENDITURE ON PUBLIC WORKS, AS PRODUCTIVE 48.CIVIL BUILDINGS, ROADS AND SERVICES, BY CREDIT TO PRODUCTIVE PUBLIC WORKS. IT WAS AT THE SAME TIME DIRECTED THAT FUTURE OUTLAY ON THESE HARBOR WORKS IN 1883-84, AND IN 1884-85, SHOULD NOT BE RECORDED IN THE ACCOUNTS OF THIS DEPARTMENT, THOUGH THE AUDITING MUST FOR THE PRESENT REST WITH THE EXAMINER P.W.ACCOUNTS, BUT SHOULD BE TRANSFERRED TO THE CIVIL DEPARTMENT, AND BOOKED BY THE ACCOUNTANT GENERAL MADRAS. THE OUTLAY WRITTEN BACK FROM PRODUCTIVE

PRODUCTIVE PUBLIC WORKS UNDER THE ABOVE RESOLUTION AND NOW RECORDED UNDER "ESSENTIAL" CIVIL BUILDINGS ROADS & SERVICES, IS RS.65.40.058. THE OUTLAY OF 1883-84, TRANSFERRED TO THE CIVIL DEPARTMENT, IN THE EXCHANGE ACCOUNTS, RESPECTING THIS PROJECT, AMOUNTED TO RS.2.24.856. THE OUTLAY IN 1884-85 SO FAR AS AUGUST 1884, INCLUSIVE, THUS TRANSFERRED IS RS. 72.513.

5. THE WORKS HAVE BEEN ALMOST AT A STANDSTILL SINCE THE BEGINNING OF 1883, PENDING A DECISION NOW NEXT TO CONTINUE AND END THE PROJECT. THE OUTLAY IS BEING INCURRED UNDER SANCTION CONVEYED IN G.O.NO.712 W.OF 16TH MARCH 1881, AS PRESENT, AND THE BUDGET ESTIMATE FOR 1884-85 APPROVED BY THE GOVERNMENT OF INDIA AS PER G.O.NO.852 W.OF 28TH MARCH 1884 AMOUNTS TO RS.1.79.900.

6. EVERYTHING POINTS HOWEVER, TO AN EARLY RESUMPTION OF ACTIVE OPERATIONS, AND MR.STOTO-WOOD THE SUPERINTENDENT, WHO HAS JUST RETURNED FROM ENGLAND AFTER CONFERRING WITH MR. PARKES, WAS UNDERSTOOD TO SAY THAT A COMPREHENSIVE ESTIMATE OF ALL WORKS FROM FIRST TO LAST, REVISED TO INCLUDE EVERYTHING NOW IN CONTEMPLATION AND FOR FINAL COMPLETION MAY VERY SHORTLY BE EXPECTED.

7. CERTAIN LANDS, HOUSES, HUTS, AND TREES SITUATE WHERE THE SEA NORTH OF THE HARBOR HAS ENCROACHED OR THREATENED TO ENCROACH, HAD FROM TIME TO TIME BEEN THE SUBJECT OF COMPENSATION (VIDE G.O.NO.601 W.OF 8TH MARCH 1882); AND

TO

TO AVOID SUCH EXPENSE, SUCH BUILDINGS AND LANDS WERE LATER ON, WHEN THREATENED BY THE SEA, BOUGHT UP BY GOVERNMENT THROUGH THE DEPUTY COLLECTOR BECOMING THUS, THE PROPERTY OF THE HARBOR WORKS. THE OUTLAY FOR SUCH COMPENSATION AND FOR SUCH PURCHASES OF PROPERTY, HAS BEEN, UP TO THE END OF AUGUST 1884. RS.2,87,788. . RENTS HAVE BEEN RECOVERED AGGREGATING RS.8,251 UP TO THE END OF JULY 1884 (CIVIL EXCHANGE ACCOUNTS FOR AUGUST NOT YET RECEIVED).

8. THE SUPERINTENDENT IN HIS LETTER PRINTED WITH G.O.No. 2837 W.OF 9TH.OCTOBER 1883, POINTED OUT WHAT A BUSINESS THIS RENT COLLECTION HAD BECOME, THE ITEMS OF PROPERTY THEN AGGREGATED NEARLY 1,300, AND WERE INCREASING FAST, AND THERE WAS MUCH GROWING TIMBER; AND IN VIEW OF THE DIFFICULTY EXPERIENCED IN GETTING IN RENTS, AND PREVENTING OR PUNISHING PETTY ROBBERY, IT WAS IN A SUBSEQUENT G.O.(NO. 644 W.OF 20TH.FEBRUARY 1884) DECIDED THAT THE COLLECTOR SHOULD TAKE CHARGE OF ALL SUCH PROPERTY, ARRANGING FOR THE PUNCTUAL COLLECTION OF THE RENT, AND THIS ARRANGEMENT BEGAN ON THE 1ST.MAY 1884. A SCHEDULE WAS FURNISHED TO THE DEPUTY COLLECTOR SHEWING THE BUILDINGS AND LANDS ETC., WHICH HAD BEEN ACQUIRED BY THE HARBOR WORKS, WITH PARTICULARS OF RENT DUE, OR IN ARREARS, RESPECTING EACH ITEM, AND SUCH RENT AS IS SINCE RECOVERED BY THE DEPUTY COLLECTOR IS CREDITED TO THE HARBOR WORKS BY THE CIVIL ACCOUNTANT GENERAL THROUGH THE EXCHANGE ACCOUNTS WITH THE EXAMINER.

AS

AS NO SUCH CREDIT IS ACCOMPANIED BY PARTICULARS SHOWING THE BUILDING, LAND, OR WHATEVER IT MAY BE, FOR WHICH THE RENT IS COLLECTED, NO DETAILED ACCOUNT IS NOW MAINTAINED IN THE SUPERINTENDENT'S OFFICE WHEREBY THE RENT DUE, AND RECOVERY OF AND VARIATION OF SAME REGARDING EACH ITEM OF THE PROPERTY, CAN BE ASCERTAINED FROM MONTH TO MONTH. SUCH AN ACCOUNT IS NO DOUBT DULY MAINTAINED BY THE DEPUTY COLLECTOR. THE STATE OF THESE RENTS AS DESCRIBED BY THE COLLECTOR AFTER ASSUMING CHARGE OF THEM WAS AS FOLLOWS:-

'THE PROPERTIES TRANSFERRED CONSIST OF 1076 BUILDINGS 'OF WHICH SIXTY HUTS AND HOUSES HAD BEEN DESTROYED AND 'THIRTY TWO REMAINED UNOCCUPIED UP TO 1ST. MAY 1884 THE 'COSTS OF TRANSFER AND THE TOTAL MONTHLY DEMAND OF RENTS 'AGAINST THE REMAINING 984 PROPERTIES, IS RS. 426, EXCLUSIVE 'OF RENTS OF 24 TIMBER DEPOTS, WHICH ARE OCCUPIED ONLY IN THE 'TIMBER IMPORT SEASON. THE RENTS ON THESE DEPOTS VARY 'FROM MONTH TO MONTH BUT AVERAGE ABOUT RS. 85 PER MONTH, 'OR RS. 420 PER ANNUM. THE TOTAL AVERAGE MONTHLY RENTS 'MAY THUS BE FIXED AT RS. 460, OR RS. 5,520 A YEAR, WHICH IS 'AS MUCH AS, IF NOT MORE THAN, THE YEARLY REVENUE OF THE 'LARGEST DIVISION IN THIS TALUQ × × × × ×

'THE ARREARS OUTSTANDING DUE UP TO THE 1ST. MAY, AMOUNTED TO 'RS. 1,035, OF WHICH RS. 364 WERE COLLECTED IN THE MONTHS OF 'MAY & JUNE, LEAVING A BALANCE OF RS. 1,031. THE RENTS DUE 'FOR THE MONTHS OF MAY AND JUNE AMOUNTED TO RS. 933 OF 'WHICH ONLY RS. 179 WERE COLLECTED IN JUNE, LEAVING AN

ARREAR

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2575

ARREAR OF RS. 754, WHICH RAISES THE TOTAL OUTSTANDING ON '1ST. JULY 1884 TO RS. 1,785. × × × × × ×

'THE PROPERTIES CONSIST OF 5 BUNGALOWS 140 PUCCA NATIVE 'HOUSES, 848 HUTS, AND 3 CASUARINA PLANTATIONS' ~~PAPERS~~ PAPERS PRINTED WITH G.O. NO. 998 OF 9TH. SEPTEMBER 1884. REVENUE DEPARTMENT.

7. THE REGISTER OF WORKS IN THE SUPERINTENDENT'S OFFICE CONTAINS THE FOLLOWING ACCOUNTS:-

I. PRELIMINARY WORKS.
II. NORTH PIER.
III. CONCRETE BLOCKS.
IV. SOUTH PIER.
V. TOOLS AND PLANT.
VI. CONSTRUCTION OF A DRAIN.
VII. DEPRECIATION OF THE MADRAS RAILWAY ROLLING STOCK USED FOR CARRYING MATERIALS, PAID TO THE MADRAS RAILWAY COMPANY.
VIII. MOORINGS.
IX. ESTABLISHMENT.
X. REPAIRS.
XI. PURCHASE OF LAND, ETC.
XII. CONTINGENCIES.
XIII. CONCRETE BLOCKS (MATERIALS AT SITE).
XIV. ADVANCES TO WORK-PEOPLE.
XV. ABSTRACT OF ALL THE ABOVE, BY SUB-HEADS.

AS REGARDS III THIS ACCOUNT SHEWS THE OUTLAY ON ENTIRE CONSTRUCTION OF THE BLOCKS THEMSELVES, BUT NOT THE OUTLAY FOR PLACING THEM FINALLY IN POSITION- THIS LATTER OUTLAY IS INCLUDED UNDER II (NORTH PIER) OR IV (SOUTH PIER) AS THE CASE MAY BE, SUBHEAD SETTING BLOCKS. THE FIRST OUTLAY ON THESE BLOCKS IS DEBITED TO XIII MATERIALS AT SITE, AND TRANSFERRED THENCE, WHEN THE BLOCKS ARE COMPLETE, TO III AS ABOVE. THE TOTAL COST OF MAKING THESE CONCRETE BLOCKS UP TO 31ST. AUGUST 1884, IS RS. 18,38,092.

8. ONE GENERAL WORK ABSTRACT IS PREPARED FOR ALL THE ACCOUNTS IN THE REGISTER OF WORKS, BUT AS REGARDS MOORINGS AND TOOLS & PLANT, NO SUB-HEADS ARE SHEWN IN THIS GENERAL ABSTRACT, A SEPARATE WORK ABSTRACT FOR EACH BEING PREPARED IN DETAIL. THE WORK ABSTRACTS ARE EVIDENTLY COMPILED WITH CARE, BUT THE POSTING OF CHARGES FOR LABOR SHOULD BE FROM THE DAILY (OR TEN-DAY) REPORTS RATHER THAN FROM MUSTER ROLLS, THE FORMER BEING SOONEST AVAILABLE BESIDES MOST APPROPRIATE.

9. THE CASH ACCOUNTS LEAVE NOTHING TO BE DESIRED, AND THE BALANCE OF THE SUPERINTENDENT'S DRAWING ACCOUNT ON 30TH. SEPTEMBER 1884 WAS PROVED CORRECT.

10. RS.98-0-7 ARE DUE BY THE MADRAS STEAM LAUNDRY COMPANY, IN LIQUIDATION, FOR LEATHER BELTING SUPPLIED. THE BILLS HAVE BEEN PRESENTED TO THE OFFICIAL LIQUIDATOR AND IT IS UNDERSTOOD THERE WILL BE NO LOSS IN RESPECT OF THIS ITEM UNDER SOME SPECIAL ARRANGEMENT REGARDING IT, BY WHICH RECOVERY IS GUARANTEED.

11. THE STOCK BALANCE AT END OF AUGUST 1884, AMOUNTED TO RS:74,240, AND CONSISTED CHIEFLY OF PORTLAND CEMENT (RS.21,310) AND METALS (RS.19,352). THE STOCK RATES SEEM FAIR AND THERE IS NO BAD OR SURPLUS STOCK I WAS TOLD. STOCK ACCOUNTS ARE IN ORDER. THE TOOLS AND PLANT ARE STILL UNDER OVERHAUL.

12. THE ACCOUNTANT IS SUFFICIENTLY ASSISTED AND THE OFFICE IS NOW IN VERY GOOD ORDER.

MADRAS,
6TH. OCTOBER 1884.

A Rainier
DY. EXAMINER P. W. ACCOUNTS.

Q.-C. No 712 W. 16-3-81
" " 601 W. 8-8-82
" " 2837 W. 9-10-83
B. No 544 W. 28-2-84.
Q.-C. No 852 W. 28-3-84.
" " 901 W. 2-4-84
Rev. No. 998 - 9-9-84.

Gen Sect

Ad 6

Ds 2545 W. 16-Oct-84.

Communicated to
The Supdt. Harbour Works

Cds
11-11-84

14-10-84

No. 81 W—9 October 1884.

From,

The Examiner P. W. Accounts,

Madras.

To,

The Secretary to Government,

P. W. Department.

Encls. 1.

Notes of inspection of the Offices of the Madras Harbor Works by Mr Rainier Dy. Examiner. Forwards with remarks.

Supt. Harbour Works.

Capt. M. H. Wells.

Capt. Mor. E.

Ad 23/10

2545

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Govt. of [1884] Madras.

PUBLIC WORKS.

Dated

Rect.

Encl.

G.O. No. dated 1884, No.

Postal Inspection

Orders re-, Intimation
by Post Office Authorities
of Receipt of Insured
Parcels with
Parcels with

45
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