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MADRAS RECORD OFFICE.**Government of Madras.***Public Works* **DEPARTMENT.**

G.O. No. 1725

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*Proceedings of the Madras Government, Public Works Department,
28th June 1871.*

No. 484. Read the following letter from the Controller of Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 31st May 1871, No. 584½.—

I HAVE the honour to submit the following report of the results of the audit of the accounts of the Public Works Workshop at the Presidency for the year 1870-71.

16 Statements, A to P
1 List of articles in store.

2. The demands of Government on the workshop amounted in the aggregate to Rupees 1,12,855-9-5, namely.—

	RS	A.	P.
(1). For amount drawn from the treasury on credit orders	96,000	0	0
(2). For Income-tax realized ..	501	9	0
(3). For interest on capital	8,374	1	6
(4). For value of stores received without payment	7,979	14	11

Total 1,12,855 9 5

3 In part adjustment of this sum, the following payments into treasury and value of stores supplied to non-paying departments have been taken —

	RS	A.	P.
(1). Payments of receipts into treasury, inclusive of Income-tax ..	67,444	9	2
(2) Value of approved invoices ..	41,298	12	2

Total .. 1,08,743 5 4

or Rupees 4,112-4-1 less than the required amount

4. The gross profits realized during 1870-71 amounted to Rupees 37,561-14-7, while the sum required to meet the charges for establishment on contingencies and interest and depreciation on capital was Rupees 38,159-8-0. There is therefore a net loss of Rupees 597-9-5 on the year's operations

5. At the commencement of the year, the balance of the Capital Account stood at Rupees 1,65,824-11-6. At its close it amounted to Rupees 1,69,339-6-2, as shown in the following statement:—

—	CAPITAL ON		Increase	Decrease
	31st March 1871	31st March 1870.		
	RS A P	RS A P	RS A P	RS A P
Block ..	78,414 12 3	79,901 6 1		1,486 9 10
Machinery and plant ..	48,948 5 1	49,851 6 4		903 1 3
Raw materials ..	7,553 7 4	5,313 10 10	2,239 12 6	
Mechanical Department ..	16,162 9 1	14,295 1 5	1,867 7 8	
Instrument ..	4,805 1 8	4,100 8 10	704 8 10	
Manufactures ..	6,952 14 4	600 3 0	6,352 11 4	
Sales ..	4,656 0 6	13,419 9 1	8,763 8 7	
Public Department ..	3,098 7 8		3,098 7 8	
	1,70,591 9 11	1,67,481 13 7	14,263 0 0	11,153 3 8
Less bills payable ..	1,252 3 9	1,657 2 1	1,252 3 9	1,657 2 1
	1,69,339 6 2	1,65,824 11 6	13,010 12 3	9,496 1 7
	1,65,824 11 6		9,496 1 7	
Increase to capital ..	3,514 10 8		3,514 10 8	

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6. This increase of capital (Rupees 3,514-10-8) together with the net loss (Rupees 597-9-5) which the factory sustained, requires, under the rules, a corresponding debit to the grant for "Tools and Plant," which I have made in the accounts for March, in anticipation of the approval of Government.

7. These results are not so favourable as those of previous years. It will be

	1870 71	1869 70
1 Value of work completed during the year	RS A P 1,02,892 7 3	RS A P 2,53,160 1 3
2 Do. work remaining unfinished at close of year	20,967 10 9	18,395 10 3
Total	1,23,860 2 0	2,71,555 11 6
3 General charges	33,159 8 0	46,075 5 7
4 Net profit	597 9 5	7,026 1 9
5 Net loss		

seen from the table given in the margin that there was a considerable falling off in the work done at the factory during the past year. This is represented by the General Superintendent to be owing to the circumstance of the large out-turn of work in 1869-70 in connection with the Madras Pier, the Iyaur bridge, and several Subsidiary Jails and Talook Cutcheries throughout the Presidency, for which no demands were made in 1870-71. There is no doubt that the workshop does not at present pay its way, and it seems therefore desirable that the General Superintendent, giving his careful consideration to the subject, should be called upon to report what measures he would suggest for extending the operations of the factory, or for giving effect to such a revision of existing arrangements as, while avoiding prohibitory rates for work requiring to be done, will ensure the yield of such returns as will render the institution self-supporting, which it was originally intended to be. One existing source of profit to the workshops is from the sale of manufactured articles obtained from the Public Works Stores. Indents upon the Store Department for tools etc., required for Local Fund works and for private parties are now transferred to the workshop, which, having no stores of its own, makes a requisition for them upon the Public Works Store Department. The articles are supplied by the latter department at their book-value, with an addition of 10 per cent to cover landing and other charges. The workshop, in its turn, adds from 5 to 75 per cent. upon the charges of the Store Department, and this amount is clear profit to the factory. I am, however, of opinion, and I think the Government will agree with me, that this source of gain is by no means legitimate, and that so far as Local Fund works are concerned, the measure cannot but be prejudicial in its results.

8. Among the items entered on the debit side of the Profit and Loss Account is a sum of Rupees 677-6-6, expended by the General Superintendent in carrying out a series of experiments in connection with the application of compressed air to the working of punkahs and the manufacture of ice. Mr. Grainger states that these experiments were undertaken by him with the permission of the late Secretary to Government, in order that, if successful, the principle might be adopted for the benefit of barracks, hospitals, etc., and a supply of work be secured to the workshops. No outlay has, I believe, been incurred on these experiments during the current official year, but I would suggest, simply with the object of ensuring financial regularity, that, in the case of all future experiments, an estimate of the probable outlay be submitted to Government for sanction in the first instance.

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9. The existing stock is noted in the accompanying statement, in which has been entered the amount at which each article was valued on the 31st March last. No Stock Ledger has hitherto been maintained, but it has been pointed out to the General Superintendent that one should be opened out at once in order to meet the requirements of the rules.

	RS	A	P	LS	A	P
Due to Workshop						
By Public Works Officers	3,980	8	4			
By officers of other departments	2,751	10	11			
By private parties	1,022	4	11			
				7,754	8	2

	RS	A	P	LS	A	P
Due by Workshop						
To Mr DeClosets for castings	771	14	0			
For materials purchased	480	5	9			
				1,252	3	9

10. The amount due to the factory and its liabilities at the close of the past official year were Rupees 7,754-8-2 and Rupees 1,252-3-9, respectively, as noted in the margin.

11. In February last, I learnt that there were then certain articles of machinery in use in the workshops which had previously been obtained on indent from the Public Works Stores, but had not been brought into the books of the factory. Under orders from the late Secretary, I instructed Mr. Grainger to retransfer to the stores the whole of these articles, and informed him that, if any were actually required for use in the workshop, they should be purchased, with the sanction of Government, and be brought on the factory books. In reply, the General Superintendent stated that the matter would receive his immediate attention, and be finally disposed of early in April. Mr. Grainger now informs me that, as the profits of the workshop are not likely to be sufficient to cover the charge, he is about to address Government, with a view of obtaining an appropriation from the current year's assignment for "Tools and Plant" to meet the cost of such of the articles as may be retained in the factory.

STATEMENT A

Dr		Profit and Loss Account of Chepauk Workshop for the year 1870-71			RS. A. P.		
		RS	A	P			
To cost of general establishment and contingencies		20,818	10	0	By profits on ordinary working of the shop, being extra charges on labour, machinery, castings, and stores	34,229	9 8
do materials for repairs to tools, machinery shops and petty working charges		3,211	8	1	do extra profit on estimated works	171	8 9
do castings do		60	7	11	do profit on raw materials	3,160	12 2
do experiments		677	6	6			
loss by return of bills		338	2	8			
depreciation on block for workshop		1,064	7	4	Net loss	37,561	14 7
do foundry		533	9	1			597 9 5
do machinery and workshop		662	8	8			
do do foundry		334	7	9			
interest on the opening balance Rs 1,67,481-13-7		8,374	1	6			
loss on estimates		2,084	2	6			
Total		38,159	8	0	Total	38,159	8 0

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B
Dr Her Majesty's Government in Account with the Chepauk Workshop
for the year 1870-71. Cr

	RS.	A.	P.		RS.	A.	P.
To transfers to Capital Account				By opening balance ...	1,65,824	11	6
„ cash paid into the Government treasuries by the shop	1,65,824	11	6	„ cash received from Government treasuries	96,000	0	0
„ transfer by approved invoices	67,444	9	2	„ Income-tax collected	501	9	0
„ loss	33,318	13	3	„ interest on capital	8,374	1	6
„ increase to capital	597	9	5				
	3,514	10	8				
Total	1,04,875	10	6	Total	1,04,875	10	6

C
The Capital Account of the Chepauk Workshop for 1870-71

	RS.	A	P		RS	A	P
To Balance being the value of capital on the, 31st March 1871	1,69,339	6	2	By transfer from Her Majesty's Government, amount being value of capital invested in the shop on 1st April 1870	1,65,824	11	6
				„ increase of capital	3,514	10	8
Total	1,69,339	6	2	Total	1,69,339	6	2

D
The Balance Sheet of the Chepauk Workshop on 31st March 1871

	RS	A	P		RS	A	P
To block (<i>Vide</i> Appendix E)	78,414	12	3	By purchases (<i>Vide</i> L, bills			
„ machinery and plant (do F)	48,948	5	1	payable) ...	1,252	3	9
„ materials (do G)	7,553	7	4	„ capital ...	1,69,339	6	2
„ Mechanical Dept. (do H)	16,162	9	1				
„ instrument (do I)	4,805	1	8				
„ manufactures (do J)	6,952	14	4				
„ sales of bills receivable ... (do K)	4,656	0	6				
„ Public Dept (do M)	3,098	7	8				
Total	1,70,591	9	11				

Total	1,70,591	9	11
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E
Chepauk Workshop Block for the year 1870-71

			for the year 1870-71		
To Balance on 1st April 1870	RS	A. P.	79,901	6	1
„ Mechanical Department for additions			111	6	7
Total ..			<u>80,012</u>	<u>12</u>	<u>8</u>
			By depreciation on block at 2 per cent ..		
„ Balance ..					

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Dr	RS.	A.	P.	Cr.	RS.	A.	P.
				<i>Machinery and Plant for the year 1870-71.</i>			
To Balance on 1st April 1870	49,851	6	4	By depreciation on value at 2 per cent	997	0	5
„ purchase during the year	93	15	2	„ Balance	48,948	5	1
Total	49,945	5	6	Total	49,945	5	6

G
Raw Materials for the year 1870-71.

Raw Materials for the year				RS A P					
				RS A P	By issues to works and sales ...				38,702 9 6
To Balance on 1st April 1870				5,313 10 10					
,, purchase and receipt from				*					

H
Mechanical Department Works in progress for the year 1870-71.

Mechanical Department Works in Progress.

	RS.	A.	P.		RS.	A.	P.
To Balance on 1st April 1870 ..	14,295	1	5	By Bills for works completed for sales ..	52,938	6	11
Expenditure during the year				„ value of work done and stores supplied to Public Department during the year ..	24,531	11	9
Cash	21,066	12	3	„ additions to work-sheds ..	111	6	7
Materials	33,024	3	2	„ transfer to Instrument Department ..	3,414	9	4
Per-centages for general charges ..	22,469	6	9	„ charges general (experiments) ..	677	6	6
Castings	9,064	13	1	„ Balance on 31st March 1871 ..	16,162	9	1
					97,836	2	2
				„ loss on estimates ..	2,084	2	6
Total ..	99,920	4	8	Total ..	99,920	4	8

I
Instrument Department Works in progress for the year 1870-71

	RS.	A	P		RS.	A	P
To Balance on 1st April 1870 .	4,100	8	10	By bills for works completed for sales ...	11,286	1	3
<i>Expenditure during the year.</i>				„ value of work done and stores supplied to Public Department ...	9,624	9	5
Cash ..	8,817	13	9	„ balance on 31st March 1871 .	4,805	1	8
Materials ..	2,466	14	3				
Per-centages for general charges ...	6,909	0	6				
To Mechanical Department for work done ..	3,414	9	4				
	25,708	14	8				
	6	13	8				
„ profit on estimate ..							
Total...	25,715	12	4	Total...	25,715	12	4

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J.				Cr			
Manufactures for the year 1870-71.							
Dr							
To Balance on 1st April 1870	RS	A	P.	By Bills for sales	RS	A	P.
„ purchases and stores re-	600	3	0	„ stores, etc., supplied to	3,319	12	9
„ received from Public Depart-				Public Department	1,080	6	7
„ ment during the year	8,714	1	9	„ Balance	6,952	14	4
„ per-centages for general							
charges	1,874	1	10				
„ profit	11,188	6	7				
	164	11	1				
Total	11,353	1	8	Total	11,353	1	8

K				Cr			
Sales or Bills receivable for 1870-71.							
Dr							
To Balance on 1st April 1870	RS	A	P.	By amount received for bills	RS	A	P.
„ amount of bills issued	13,419	9	1	„ transfers to Public Depart-	66,855	9	6
„ during the year	67,544	4	11	ment	9,219	1	10
„ refund of advances	46	6	9	„ profit and loss for bills re-	279	8	11
				turned			
				„ Balance	76,354	4	3
					4,656	0	6
Total	81,010	4	9	Total	81,010	4	9

L				Cr			
Purchases or Bills payable for 1870-71							
Dr							
To cash paid	RS	A	P.	By Balance due on 31st March	RS	A	P.
„ Balance due	45,162	14	7	1870	1,657	2	1
	1,252	3	9	„ value of purchases during	44,758	0	3
				the year			
Total	46,415	2	4	Total	46,415	2	4

M				Cr			
Public Department for the year 1870-71							
Dr							
To sales	RS	A	P.	By transfers for approved in-	RS	A	P.
„ Mechanical Department	9,219	1	10	voices	41,298	12	2
„ Instrument do.	24,531	11	9	„ raw materials	6,735	8	4
„ manufactures	9,624	9	5	„ manufactures	1,244	6	7
„ transfer	1,080	6	7	Loss by return of bills	58	9	9
	7,979	14	11				
				Balance	49,337	4	10
Total	52,435	12	6	Total	3,098	7	8
				Total	52,435	12	6

N.				Cr			
Transfers							
Dr							
To Public Department for ap-	RS	A	P.	By Public Department for	RS	A	P.
proved invoices	41,298	12	2	value of stores received	7,979	14	11
				Government	33,318	13	3
Total	41,298	12	2	Total	41,298	12	2

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O				Cr			
Castings for the year 1870-71							
Dr							
To purchases	RS	A	P.	By issues to works	RS	A	P.
„ per-centages for general	6,148	4	5		9,125	5	0
charges	2,977	0	7				
Total	9,125	5	0	Total	9,125	5	0

P				Cr			
Cash Account for the year 1870-71.							
Dr							
To Balance cash from credit	RS	A	P.	By payments into treasury	RS	A	P.
orders	96,000	0	0	„ purchases	67,444	9	2
„ Income-tax	501	9	0	„ salaries of sanctioned	45,162	14	7
„ received in payment of bills	66,855	9	6	establishment and general			
				contingencies	20,818	10	0
				„ refund of advances	46	6	9
				„ cash paid for labour and			
				contingencies and works			
				finished and in progress in	21,066	12	3
				the Mechanical Department	8,817	13	9
				„ Do do. Instrument do.			
Total	1,63,357	2	6	Total	1,63,357	2	6

MADRAS,
31st May 1871.
(Signed) S BROCK,
Controller of Public Works Accounts

*Stock Account of Raw Materials in the Public Works Workshop at Chepauk as it stood
on the 31st March 1871*

Articles		Quantity	Rate.	Amount.
			RS. A P.	RS. A P.
Mountain Barometer	No.	6	12 9 0	75 6 0
Thermometer	..	2	0 6 2	0 12 4
Silvering powder	Oz	6	18 6 4	7 8 4
Glass tubes	No	328	1 9 9	527 14 0
Filcs, half round; smooth 18"	..	2	1 6 0	2 12 0
Do, do, do 6"	..	2	0 3 0	0 6 0
Do, do, do 3"	..	19	0 2 0	2 6 0
Do, do, do 2 1/2"	..	14	0 2 0	1 12 0
Do, do, do 2 1/2"	..	5	1 0 0	5 0 0
Do, flat, smooth 18"	..	9	0 8 0	4 8 0
Do, do, do 3"	..	9	0 2 0	1 2 0
Do, do, do 2 1/2"	..	9	0 8 0	4 8 0
Do, square, Bastard 10"	..	4	0 7 0	1 12 0
Do, do, do 8"	..	17	0 2 0	2 2 0
Do, do, do 2 1/2"	..	17	0 8 0	8 8 0
Do, 3 corner, smooth 3"	..	18	0 8 0	9 0 0
Do, do, do 2"	..	1	0 11 0	0 11 0
Do, do, do 1 1/2"	..			
Do, round, do 1 1/2"	..			

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Stock Account of Raw Materials in the Public Works Workshop, etc —(Continued)

Articles	Quantity.	Rate	Amount.
Files, round, smooth 8"	No	RS A P	RS A P
Do, do 2 1/2"	2	0 7 0	0 14 0
Brass tube 1 1/2"	8	0 2 0	1 0 0
Do do 1 1/2"	5' 5"	0 6 8	2 5 0
Do do 1 1/2"	11' 0"	0 6 8	4 9 4
Do do 1 1/2"	5' 11"	0 6 8	2 8 0
Do do 1 1/2"	14' 8"	0 6 8	6 2 0
Do do 1 1/2"	6' 2"	0 6 8	2 8 0
Do do 1 1/2"	13' 8"	0 6 8	5 11 4
Do do 1 1/2" or Ferrests	9' 2"	0 6 8	3 12 0
Do sheet 1/2"	No	0 4 0	49 4 0
Do do 1/2"	lbs.	0 7 0	28 14 0
Do do 1/2"	17	0 7 0	7 7 0
Do castings	72	0 7 0	31 8 0
Do wire 1/2"	182	0 7 0	79 10 0
Do do 3/4"	65	0 10 0	40 10 0
Do do 3/4"	29	0 10 0	18 10 0
Do rod 1 1/2"	29 1/2	0 10 0	19 1 6
Do do 3/4"	32 1/2	0 7 0	14 3 6
Do do 3/4"	37 1/2	0 7 0	16 6 6
Do do 3/4"	2	0 7 0	0 14 0
Do do 3/4"	24 1/2	0 7 0	10 9 9
Do do 3/4"	4 1/2	0 7 0	1 15 6
Do hinges 2 1/2"	4 1/2	0 7 0	2 0 3
Do box locks 4"	No	0 2 0	6 8 0
Do do 3 1/2"	52	0 2 0	6 12 0
Do do 3"	6	1 2 0	24 0 0
Do do 2 1/2"	24	1 0 0	24 0 0
Do almirah lock 4"	1	1 0 0	1 0 0
Do do do 3 1/2"	4	1 0 0	4 0 0
Do do do 3"	4	1 1 0	4 4 0
Chubb's Patent padlock 3 1/2"	4	1 0 0	4 0 0
Do do do 3"	3	0 14 0	2 10 0
Do do box lock 4"	1	16 0 0	16 0 0
Do do do 3 1/2"	1	15 0 0	15 0 0
Hobb's do do do 3 1/2"	1	11 8 0	11 8 0
Do do do do 3 1/2"	1	10 8 0	10 8 0
Do do do do 3"	1	10 8 0	10 8 0
Do do padlock 2 1/2"	1	10 0 0	10 0 0
Do do do 2"	1	10 0 0	12 8 0
Pad-lock	1	12 8 0	10 8 0
German silver	1	10 8 0	168 12 0
Do do	lbs	1 8 2	12 13 5
Do do	150	1 8 2	10 3 1
Measuring glass	26 1/2	1 8 2	39 4 4
Convex glass	11	4 0 0	44 0 0
Steel wire 1/2"	No	0 12 0	54 0 0
Do do 1/2"	72	0 4 6	1 6 6
Do sheet 1 1/2"	5	0 4 6	1 8 9
Do do 1 1/2"	16 1/2	0 4 6	45 0 0
Do do 1 1/2"	122	0 4 6	34 5 0
Copper wire	100	0 4 6	28 2 0
Do rod 1 1/2"	2 1/2	0 12 10	2 3 1
Do do 1 1/2"	69 1/2	0 8 0	34 8 0
Do sheet 1 1/2"	78 1/2	0 8 0	39 12 0
Spl't wire	72	0 8 0	36 0 0
Do do	7	0 4 0	1 12 0
Do do	14	0 4 0	0 5 0
Iron chain	25	0 4 0	6 4 0
Boxwood	46	0 2 0	5 12 0
	72 1/2	0 6 0	27 3 0

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Stock Account of Raw Materials in the Public Works Department, etc —(Continued)

Articles.	Quantity	Rate	Amount
		RS A P	RS A P
Blacklead	50	0 8 0	25 0 0
Puism	No.	1 11 0	38 13 0
Divided rings	6	9 0 0	54 0 0
Rasps 1 1/2"	10	0 12 0	7 8 0
Do 12"	10	0 10 0	6 4 0
Do 10"	9	0 9 0	5 1 0
Do 8"	8	0 7 0	3 8 0
Vulcanized rubber 1/2"	73	1 0 0	73 0 0
Do do 3/4"	54	1 0 0	54 0 0
Do do 100 feet leather	6	1 14 0	11 4 0
Tape measuring 100 feet calf	3	1 14 0	5 10 0
Do do 109 do, calf	6	1 14 0	11 4 0
Do do 75 do	1	1 14 0	1 14 0
Do do 50 do	5	1 5 0	6 9 0
Shovels	24	0 7 5	11 2 0
Iron hinges 6"	72	0 0 5	1 13 2
Washer 1 1/2"	4	0 4 6	1 2 0
Steel rod 1 1/2"	1 1/2	0 4 6	0 7 10
Do 1 1/2"	2	0 4 6	0 9 0
Do 1 1/2"	6	1 0 0	6 0 0
Bolts for door 19"	2	0 13 0	1 10 0
Do do 15"	4	0 13 0	3 4 0
Do do 14 1/2"	6	0 5 0	1 14 0
Do do 6"	19	0 0 4	0 6 4
Nuts Hex 5/8"	12	0 1 0	0 12 0
Do 1"	14	0 1 6	1 5 0
Do 1 1/2"	12	0 1 11	1 7 0
Do square 1 1/2"	2	0 2 6	0 5 0
Do do 1 1/2"	52	0 1 5	4 9 8
Do do 1 1/2"	30	0 0 2	0 5 0
Rope, coir	1 1/2	0 2 5	0 1 2
Emery powder	3	3 4 0	9 12 0
Linseed oil, gallons	3	1 6 0	4 2 0
Lamp oil	100	0 3 9	23 7 0
Red-lead powder	20	0 3 0	3 12 0
White do	1	5 4 0	5 4 0
Paint, white-lead	2	2 4 0	4 0 0
Cocoonut oil	3 1/2	6 0 0	3 0 0
Paint, green	3	3 4 0	9 12 0
Do, red	3	5 6 0	16 2 0
Do, blue	5	0 5 0	1 9 0
Tallow	23	6 0	17 8 0
Coal Tar	3 1/2	1 0 0	3 0 0
Charcoal	8	0 6 0	18 0 0
Alcohol	7	0 3 6	1 8 6
Oakum	3	0 8 4	1 9 0
Turpentine	32	0 8 0	16 0 0
Rain gauges	No	0 6 0	2 10 0
Iron hinges 12 for box	32	0 4 0	8 0 0
Tin cups for Ice Machine	Gross.	0 3 0	1 5 0
Iron Screws 4 1/2"	1	2 0 0	2 0 0
Do do 3 1/2"	1 1/2	1 0 0	1 8 0
Do do 1 1/2"	1 1/2	0 9 0	0 13 6
Do do 1"	4	0 1 6	0 6 0
Do do 3"	No	0 2 0	0 14 0
Wood Screws 5"	lbs	17 10 0	17 10 0
Zinc sheet, 7 wire gauze each	16	8 10 0	138 0 0
Galvanized 100 feet iron chain with arrow	5	7 0 0	35 0 0
Bengal pattern stand	19	0 2 11	4 4 1
Kangaroo skin			

Proceedings of the Madras Government, Public Works Department,
28th June 1871.

Stock Account of Raw Materials in the Public Works Department, et. —(Concluded)

Articles	Quantity	Rate.	Amount
Iron, flat 2½ × ½	lbs 521	RS. A. P. 0 0 11	PS A P. 29 13 7
Do 4 × ½	119	0 0 11	6 13 1
Do 3½ × ½	160	0 0 11	9 2 8
Do 2 × ½	580	0 0 11	63 3 8
Do 2½ × ½	7,371	0 0 11	422 4 9
Do 2½ × ½	128	0 0 11	7 13 8
Do 2 × ½	110	0 0 11	6 4 10
Do 1½ × ½	67	0 0 11	3 5 1
Iron square 2½"	71	0 0 11	4 1 1
Do T. 3" × 3" × ¾"	626	0 0 11	35 13 10
Do T. 1½ × 1½ × ½"	2,810	0 0 11	160 15 10
Do angle 2½" × 2½" × ½"	2,747	0 0 11	157 6 1
Do, do 3" × 3" × ½"	316	0 0 11	18 1 8
Do, do 1½ × 1½ × ¼"	38	0 0 11	2 2 10
Do, do 1½ × 1½ × ¼"	548	0 0 11	31 6 4
Do, do 1½ × 1½ × ¼"	42	0 0 11	2 6 6
Do hoop 3" × ½"	100	0 0 11	5 11 8
Do sheet 4' × 2' × ¼"	4,543	0 0 11	260 4 4
Do do. 4 × 2 × ¼"	2,236	0 0 11	128 1 8
Do scrap	50½	30 0 0	1,505 0 0
Nails, non 3" × 1½" × ¼"	460	0 0 11	26 5 8
Hinges, do.	48	...	28 8 0
Scales, Holtzapffel	1	...	24 0 0
Beam for scales	11	4 0 0	44 0 0
Copper-pans	5	1 2 0	5 10 0
Paris red	5	0 2 0	0 10 0
Emery paper, smooth sheets	36	0 0 5	0 15 0
Borax	2	0 6 9	0 13 6
Coal, Europe	10	25 8 0	255 0 0
Saws, Tennon 30"	10	1 14 0	18 12 0
Do, do 24"	11	1 8 0	16 8 0
Do cross cut 30"	1	1 10 0	1 10 0
Copper nails 2"	5	1 8 0	7 8 0
Chubb's Brass padlock	1	3 0 0	3 0 0
Do do box-lock	1	1 2 0	1 2 0
Wire, 22gwr, covered with silk ¼"	11	5 4 10	58 5 2
Screws, coach 4" × ¼"	183½	0 2 0	22 14 6
Lead	224	0 2 0	28 0 0
Chalk	1	0 1 4	0 1 4
Brass dust	208	0 5 0	65 0 0
Resin	2	0 2 0	0 4 0
Galvanized screws	...	...	837 1 3
Old files	3	...	150 0 0
Timber	...	...	685 14 0
Total	...	...	7,553 7 4

CHEPAUK,
31st May 1871

(Signed) J. N. GRAINGER,
Genl Supt P. W. Stores and Workshops

No 485.

ORDER THEREON, 28th June 1871, No 1,725.

ACCOUNT, No 42.

Workshop Accounts for the year 1870-71.

In this letter the Controller of
Public Works Accounts reports the
results of the audit of the Presidency

Proceedings of the Madras Government, Public Works Department,
28th June 1871.

* G O, No 919, dated 31st March 1870

Withdrawals from the treasury	RS. A. P. 96,000 0 0
Income-tax	501 9 0
Interest on capital	8,374 1 6
Stores received without payment	7,979 14 11
Total	1,12,855 9 5

Payments into treasury	67,444 9 2
Value of approved invoices	41,298 12 2
Total	1,08,743 5 4

2. The fixed cash estimate sanctioned* for carrying on the operations of the year was Rupees 2,00,000. The Government demands against the factory amounted, as shown in the margin, to Rupees 1,12,855-9-5, in part adjustment of which the Government stand credited with Rupees 1,08,743-5-4, or Rupees 4,112-4-1 less than the sum due.

3. The gross profits of the year were Rupees 37,561-14-7, while the charges to be met therefrom amounted to Rupees 38,159-8-0, leaving a net loss of Rupees 579-9-5, adding to which the sum* shown to represent the augmentation to

* Rupees 3,514-10-8

capital during the year, the amount to be charged off to the grant for the Presidency under "Tools and Plant" is Rupees 4,112-4-1. The adjustment of this sum by the Controller in anticipation of sanction is approved.

4. The operations of the year under review do not compare favourably with the results of previous years, and, as it appears that the factory is not sustaining that self-supporting character which was contemplated by its establishment, it becomes necessary to consider what measures are calculated to improve the financial position of the institution. With this view the Government will be glad to receive any proposals which the General Superintendent may have to offer.

5. The practice noticed in paragraph 7 of issuing articles from the Store Depot through the medium of the workshops, in order to give a profit to the latter, has been ordered† to be discontinued.

† G O No 1,513, dated 5th June 1871.

6. No outlay should be incurred during the current year on the object referred to in paragraph 8, except on a sanctioned estimate.

7. Separate orders will be passed on the subject of paragraph 11.

(True Extract.)

Colonel, R. E.,

Secretary to Government.

To the General Superintendent of Public Works Stores and Workshops
.. Controller of Public Works Accounts.

and. E. C. Shunker.

No 584 1/2

Office of the Controller of P. & A. Accounts
Madras, 31st May 1871.

From

The Controller of P. & A. Accounts

To
17.

The Secretary to Government
Public Works Department
Fort St. George

16.

Sir,

I have the honor to submit
the following report of the results of the
audit of the accounts of the Public
Works Workshop at the Presidency
for the year 1870/71

2 The demands of Govern-
ment on the workshop amounted in
the aggregate to Rupees 1,12,855-9-5 viz.

1	For amount drawn from the Treasury on credit orders —————	Rupees 96,000-0-0
2	For income now realized —————	501-9-0
3	— " — Interest on Capital —————	8,374-1-6
4	— " — Value of Stores received without payment —————	7,979-14-11
		1,12,855-9-5

In part adjustment of this sum, the following payments into Treasury and value of stores supplied to non-paying departments have been taken.

1 Payments of Receipts into Treasury inclusive of Income Tax ————— 67,444 - 9 - 2
 2 Value of approved Invoices ————— 41,298 - 12 - 2
108,743 - 5 - 4

or Rupees 4,112 - 4 - 1 less than the required amount.

4 The gross profits realized during 1870/71 amounted to Rupees 37,561 - 14 - 7, while the sum required to meet the charges for Establishment on Contingencies, and Interest and Depreciation on Capital, was Rupees 38,159 - 8 - 0. There is therefore a net loss of Rupees 597 - 9 - 5 on the year's operations.

5 At the commencement of the year, the balance of the Capital account stood at Rupees 165,824 - 11 - 6. At its close it amounted to Rupees 169,339 - 6 - 2, as

shown in the following statement.

	Capital on			Increase			Balance at		
	31 st March 1871			31 st March 1870			1 st April		
Stock	78,414	12	5	79,901	6	1	14,869	10	0
• Machinery and Plant	48,948	5	1	49,851	6	4	903	1	5
Raw materials	7,553	7	4	5,313	10	10			
• Mechanical Department	16,162	9	1	14,295	1	5			
Instrument	4,805	1	8	4,100	8	10			
• Manufactures	6,952	14	4	600	3	"			
Sales	4,656	"	6	13,419	9	1			
Public Department	3,098	7	8						
	170,591	9	11	167,481	13	7	11,153	3	8
Left Bills payable	1252	3	9	1657	2	1	1,657	2	1
	169,339	6	2	165,824	11	6	9,496	1	7
	165,824	11	6						
Increase to Capital	3,514	10	8						

6 This increase of Capital (Rupees 3,514 - 10 - 8), together with the net loss (Rupees 597 - 9 - 5) which the Factory sustained, requires, under the rules, a corresponding debit to the grant for "Tools and Plant", which I have made in the accounts for March, in anticipation of the approval of Government.

7 These results are not so favorable as those of previous years.

It

It will be seen from the table given in the margin that there was a considerable falling off in the work done at the Factory during the past year. This is represented by the General Superintendent to be owing to the circumstance of the large out-turn of work in 1869/70 in connection with the Madras Pier, the Syam Bridge, and several subsidiary works and Valug Cutcheries throughout the Presidency, for which no demands were made in 1870/71. There is no doubt that the workshop does not at present pay its way, and it seems therefore desirable that the General Superintendent, giving his careful consideration to the subject, should be called upon to report what measures he would suggest for extending the operations of the Factory, or for giving effect to such a revision of existing arrangements as, while avoiding prohibitory rates for work requiring to be done, will ensure the yield of such returns as will render the Institution self-supporting, which it was originally intended to be. One suggestion

			1870/71	1869/70
1	Value of merchandise during the year	102,892 - 4 - 3	25,460 - 1 - 3	
2	do do remaining on hand at close of year	20,964 - 10 - 9	18,395 - 10 - 3	
		123,856 - 2 - "	43,855 - 11 - 6	
3	General Expense	38,89 - 8 - "	46,075 - 5 - 7	
4	Net Profit	" - " - "	7,026 - 1 - 9	
5	do do	597 - 9 - 5	" - " - "	

account is a sum of Rupees 677-6-6 expended by the General Superintendent in carrying out a series of experiments in connection with the application of compressed air to the working of pumps and the manufacture of Ice. Mr. Grainger states that these experiments were undertaken by him with the permission of the late Secretary to Government, in order that, if successful, the principle might be adapted for the benefit of Barracks, Hospitals, &c, and a supply of work be secured to the work-shops. No outlay here, I believe, been incurred on these experiments during the current fiscal year, but I would suggest, simply with the object of ensuring financial regularity, that, in the case of all future experiments, an estimate of the probable outlay be submitted to Government for sanction in the first instance.

The existing stock is noted in the accompanying statement, in which has been entered the amount at which each article was valued on the

Due to Workshops	Rupees 3980-8-4
By Public Works Office	2781-10-11
" - Office of other departments	1022-11-11
" - Private Parties	7784-8-2
Due by Workshops	771-14-"
To - Materials for exchange	6-5-2587
For Materials purchased	180-5-9

31st March last. The stock ledger has hitherto been maintained, but it has been pointed out to the General Superintendent that one should be opened out at once in order to meet the requirements of the rules.

10. The amount due to the Factory and its liabilities at the close of the past official year were Rupees 7784-8-2 and Rupees 1252-3-9, respectively, as noted in the margin.

11. In February last, I learnt that there were then certain articles of machinery in use in the workshops which had previously been obtained on Indent from the Public Works Stores, but had not been brought into the books of the Factory. Under orders from the late Secretary, I instructed Mr. Grainger to retransfer to the Stores the whole of these articles, and informed him that, if any were actually required for use in the Workshop, they should be purchased, with the sanction of Government, and be brought on the Factory books. In reply, the

the General Superintendent stated that the matter would receive his immediate attention, and he finally disposed of early in April. Mr Granger now informs me that, as the Profits of the Workshop are not likely to be sufficient to cover the charge, he is about to address Government, with a view of obtaining an appropriation from the current year's appropriation for "Tools and Plant" to meet the cost of such of the articles as may be retained in the Factory.

I have the honor to be,
 Sir,
 your most obedient Servant.

S. Hoell
 Controller of P. W. Works

Enclosed

Stock account of Raw Materials in ^{the} P. W. Workshop
 as it stood on 31st March 1871 - 12

Articles	Quantity	Rate	Amount
			75 6 "
	2	" 12 4	" 12 4
	4	78 4	78 4
		527 14 "	527 14 "
		2 12 "	2 12 "
		" 6 "	" 6 "
		2 6 "	2 6 "
		1 12 "	1 12 "
		5 "	5 "
		4 8 "	4 8 "
		1 2 "	1 2 "
		4 8 "	4 8 "
		1 12 "	1 12 "
		2 2 "	2 2 "
		8 8 "	8 8 "
		9 "	9 "
		" 11 "	" 11 "
		" 14 "	" 14 "
		1 "	1 "
		2 5 "	2 5 "
		49 4	49 4
		2 8 "	2 8 "
		6 2 "	6 2 "
		6 2 "	6 2 "
		2 8 "	2 8 "
		13 8 "	13 8 "
		9 2 "	9 2 "
		197 "	197 "
		66 "	66 "
		17 "	17 "
		72 "	72 "
		77 "	77 "
		31 8 "	31 8 "
		Carried over	802 6 4

the General Superintendent stated that
 the matter would receive his immediate
 attention, and he finally disposed of
 early in
 informs
 Workshop
 to cover the
 Government
 appropriation
 of expense
 the cost of
 retained

P. W. 1871 Sept
 Memo of Govt. 2544

The Controller of
 P. W. Arch.
 The Secretary to
 P. W. D.
 St. George

Valid 3.
 Dec 2.
 Rev 3.
 May 1871
 June 171

11-584 1/2
 June 171

Submitting report
 of the results of the audit
 of the accounts of the
 P. W. Workshop at
 Chepauk for 1870/71

1725-28 June 71

1874
 1874

Arload

Stock account of Raw Materials in P. W. Workshop
 as it stood on 31st March 1871 - 12

Articles	Quantity	Rate	Amount
Mountain Barometer	5	129	756
Thermometer	2	62	124
Silvering powder	6	186	784
Slap tubes	328	199	52714
Fishes half round smooth 18"	2	16	212
" " " 6"	2	3	6
" " " 3"	19	2	26
" " " 2 1/2"	14	2	112
Flat smooth 18"	5	1	5
" " " 3"	9	8	48
" " " 2 1/2"	9	2	12
Square Bastard 10"	9	8	48
" " " 8"	4	7	112
" " " 2 1/2"	17	2	22
3 Corner Smooth 3"	17	8	88
" " " 2"	18	8	96
Round Smooth 14"	1	11	11
" " " 8"	2	7	14
" " " 2 1/2"	8	2	16
rafs Tube 13/4"	5-5	68	25
" " 1 1/8"	11	68	494
" " 1 5/8"	5-11	68	28
" " 1 3/8"	14-8	68	62
" " 1 1/8"	6-2	68	28
" " 1"	13-8	68	5114
" " 7/8"	9-2	68	312
13/4 or 7/8	197	4	494
Sheet 1/4"	66	7	2814
" " 1/16"	17	7	77
" " 3/16"	72	7	318
Carried over			80264

Draft Castings

Wire $\frac{1}{4}$ "

$\frac{3}{32}$ "

$\frac{3}{16}$ "

Rods 1"

$\frac{7}{8}$ "

$\frac{5}{8}$ "

$\frac{3}{4}$ "

$\frac{1}{2}$ "

$\frac{3}{8}$ "

Hinges $2\frac{1}{2}$ "

Box locks 4"

$3\frac{1}{2}$ "

3"

$2\frac{1}{2}$ "

Aluminum lock 4"

$3\frac{1}{2}$ "

3"

Chubb's Patent Pad lock $3\frac{1}{2}$ "

3"

Box 4"

$3\frac{1}{2}$ "

$3\frac{1}{2}$ "

3"

Pad lock $2\frac{1}{2}$ "

2"

Pad lock

German Silver

Measuring glass

Brought forward 802 64

182 7 79 10

65 10 40 10

29 10 18 10

$29\frac{3}{4}$ 10 19 16

$32\frac{1}{2}$ 7 14 36

$37\frac{1}{2}$ 7 16 66

2 7 14

$24\frac{1}{4}$ 7 10 99

$4\frac{1}{2}$ 7 1 156

$4\frac{3}{4}$ 7 2 3

52 2 6 8

6 12 6 12

24 1 24

1 1 1

4 1 4

4 1 4

3 14 2 10

1 16 16

1 15 15

1 11 8 11 8

1 10 8 10 8

1 10 8 10 8

1 12 8 12 8

1 10 8 10 8

150 168 12

$8\frac{1}{2}$ 1 8 2 12 13 5

$6\frac{3}{4}$ 1 8 2 10 3 1

26 1 8 2 39 4 4

11 4 44

learned on

Copper glass

Sheet wire $\frac{1}{4}$ "

$\frac{1}{16}$ "

Sheet $\frac{3}{16}$ "

$\frac{1}{8}$ "

$\frac{1}{16}$ "

Copper wire $\frac{1}{4}$ "

rod $1\frac{1}{8}$ "

$\frac{3}{4}$ "

Sheet $\frac{1}{10}$ per

Split wire $\frac{1}{4}$ "

$\frac{1}{16}$ "

$\frac{3}{8}$ "

Iron Chain $\frac{3}{8}$ "

Box wood

Black lead

Prism

Divided rings

Rasps 14"

12"

10"

8"

Vulcanized Rubber $\frac{5}{16}$ "

$\frac{3}{8}$ "

Tape measuring 100 ft leather

leaf

75"

50"

Shovels

Iron hinges 6"

Washer 1 $\frac{1}{2}$ "

Brought forward 1431 27

72 12 54

5 46 1 66

$5\frac{1}{2}$ 46 1 89

160 46 45

122 46 34 5

100 46 28 2

$2\frac{1}{2}$ 12 10 2 3 1

69 8 34 8

$78\frac{3}{4}$ 8 39 12

72 8 36

7 4 1 12

$1\frac{1}{4}$ 4 5

25 4 64

ft 46 2 5 12

72 6 27 3

50 8 25

23 11 38 13

6 9 54

10 12 7 8

10 10 6 4

9 9 5 1

8 7 3 8

ft 73 1 73

54 1 54

6 1 14 11 4

3 1 14 5 10

6 1 14 11 4

1 1 14 1 14

5 1 5 6 9

24 7 5 11 2

72 5 1 132

learned over 2065 13 8

Brought forward 2065 13 8

Steel rods $\frac{3}{4}$ "	lb 4	46	12
" " $\frac{5}{8}$ "	" 13	46	7 10
" " $\frac{1}{2}$ "	" 2	46	9
Bolts for door 19"	" 6	1	6
" " 15"	" 2	13	1 10
" " 14 $\frac{1}{2}$ "	" 4	13	3 4
" " 6"	" 6	5	1 14
Stubs Hex $\frac{3}{8}$ "	" 19	4	6 4
" " $\frac{1}{2}$ "	" 12	1	12
" " $\frac{1}{4}$ "	" 14	16	15
Square $\frac{1}{4}$ "	" 12	11	17
" " $\frac{1}{8}$ "	" 2	26	5
" " $\frac{1}{8}$ "	" 52	15	49 8
Rope Coar 2"	" 30	2	5
Emery powder	ft $\frac{1}{2}$	25	1.2
Linseed oil gallons	" 3	34	12
Lamp oil	" 3	16	4 2
Red lead powder	" 3	16	23 7
White	" 100	39	3 12
Paint white lead kegs	" 20	3	5 4
Coconut oil	" 1	54	4 8
Paint green	" 2	24	3
" red	" 6	6	9 12
" blue	" $\frac{1}{2}$	34	16 2
" yellow	" 3	56	19
Coal Tar	" 5	5	17 8
Charcoal	Barrel $\frac{3}{4}$ "	236	3
Alcohol	Box 3	1	18
Cakum	gallon 8	36	1 8 6
Turpentine	" 7	84	1 9
Pain Guages	Roller 3	84	16 2
Iron hinges	" 32	8	2 10
Sin cups for ice machine	" 7	14	8
	" 32	14	8

Brought over 2239 7 2

Brought forward 2239 7 2

Iron screws $\frac{1}{4}$ "	14	7	3	15
" " $\frac{3}{8}$ "	"	1	2	2
" " $\frac{1}{2}$ "	"	1	1	18
" " $\frac{3}{4}$ "	"	1	1	13 6
" " 1 "	"	4	16	6
" " $1\frac{1}{2}$ "	"	7	2	14
Head screws $\frac{1}{2}$ "	"	118	17 10	17 10
Fine sharp wire gauze each	"	16	8 10	138
Galvanized No 10 Iron chain	"	5	7	35
Bingal Pattern stand	"	19	2 11	4 4 1
Thangaroo skin	"	521	11	29 137
Iron flat $2\frac{5}{8} \times \frac{1}{2}$	"	119	11	6 131
" " $4 \times \frac{1}{2}$	"	160	11	9 28
" " $3\frac{1}{4} \times \frac{5}{8}$	"	580	11	33 38
" " $2 \times \frac{1}{2}$	"	7371	11	422 49
" " $2\frac{1}{2} \times \frac{1}{2}$	"	128	11	7 138
" " $2\frac{1}{2} \times \frac{5}{8}$	"	110	11	6 4 10
" " $2 \times \frac{1}{4}$	"	67	11	3 5 1
" " $\frac{1}{2} \times \frac{3}{4}$	"	71	11	4 1 1
" square $2\frac{1}{2}$ "	"	626	11	35 13 10
" I $3 \times 3 \times \frac{3}{8}$	"	2810	11	160 15 10
" I $1\frac{3}{4} \times 1\frac{1}{4} \times \frac{5}{16}$	"	2747	11	157 6 1
" Angles $2\frac{1}{2} \times \frac{1}{4}$	"	316	11	18 1 8
" " $3 \times 3 \times \frac{1}{2}$	"	38	11	2 2 10
" " $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{1}{4}$	"	548	11	31 6 4
" " $1\frac{1}{2} \times 1\frac{1}{2} \times \frac{5}{16}$	"	42	11	2 6 6
" " $1\frac{1}{8} \times 1\frac{1}{8} \times \frac{1}{4}$	"	100	11	5 11 8
" Hoop $3 \times \frac{1}{8}$	"	4543	11	260 4 4
" Sheet $4 \times 2 \times \frac{1}{8}$	"	2236	11	128 1 8
" " $4 \times 2 \times \frac{1}{16}$	"	50 $\frac{1}{8}$	30	1505
" Scrap	"	460	11	26 58
"ails Iron $3 \times 1\frac{1}{8} \times \frac{1}{4}$	"	48		28 8
" Ringers	"	Set 1		24
" Scales Kottzoffell	"			5350 67

3

Per _____ The Capital Chequer of the Bank of England, per 10/0/11. _____

Balance being the value of Capital 169,339 62 on the 31st March 1911

[illegible]

To Balance being the value of Capital		169,339 6 2	Paid
on the 31 st March 1871			
By Cash	100		
By Bank	100		
By Merchandise	100		
By Debtors	100		
By Creditors	100		
By Profit & Loss	100		
Total	500	169,339 6 2	

Transfer from Old Allegety -
Government Amount being value
of Capital invested in the Works
on 1st April 1870 _____
Increase of Capital _____

Transfer from other categories -	
Government - Amount being value	
of Capital to assets in the stock	
on 1 st April 1970	165024 " 6
Decrease of Capital	3514 10 0
	169,339 6 2

George
 Rogers (Mr. J. H. Rogers)
 J. Wood
 L. H. Wood & Co.

Statement B

*Statement D
of or Attorney General in Account with the
Refractory Merchants for the year 1879/80*

D^r Drinfeld to White account—1890-11 6
By Opening Balance—1890-11 6

Dr Paul paid out the Government \$2000000

[illegible]

By Opening Balance 115,824

By Rail received from Government in

By Cash received from Government is

By Cash received from Government 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S. Moch

O. H. Baker
 1000 Broadway
 New York
 1900



[Faint handwritten notes at the bottom of the page]

1590 " 5

Balance	78,444.13
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20012-12

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Endorsed by Mr. Deacons -

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1252 3/9
160340 6/2

169.349 6-2

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9-6-63

[illegible]

2013

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110501 9 11 6 165044

J. Wood

Statement G

For _____ Row Materials for the year 1910/11 _____ Per _____

To Balance on 1 st April 1910	5818	10	10
" Purchase and receipt from Repatriated during the year	37901	9	10
Profit	40995	4	0
	3160	12	2
	46256	"	10

By issue to works and sales	38902	9	6
" Balance	7553	7	4
	46256	"	10

Checked and correct
31st May 1911
J. Wood
Manager of the Department of Public Works
Per _____

Statement F

For _____ Machinery and Plant for the year 1910/11 _____ Per _____

To Balance on 1 st April 1910	49051	6	4
" Purchase during the year	93	15	2
	49945	5	6

By Depreciation on value at year end	99	"	5
" Balance	40940	5	1
	49945	5	6

Checked and correct
31st May 1911
J. Wood
Manager of the Department of Public Works
Per _____

Robert

Controller of Contracts -

J. Noell

May 10/11

Peter J. P. [Signature]

25/15-12'4

19

19

Balance on 31st March 1891 4005 1 0

Public Department 9624 95

By Bills for work - complete 11206 13

Expenditure during the year

6

Materials.

Per Centage for general charges

Mechanical Department for work done

THE

Profit or Estimate

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100

Wm. H. R. 1880

34 May 10/11

[Signature]

1000

Statement 1

Department of the Interior (Department works in progress for the year 1890/91) —

Statement I

Dr _____ Mechanical Department Work in progress for the year 1910/11 _____ Cr _____

Of Balance on 1st April 1890

Jack

Materials

Percentages for general charges

Postings

God our Redeemer

J. Wood

For the Hon. Sec. of the Navy

Moore
31" Aug. 1891.

10/25/71

W. J. W. W. W.

Statement

Manufactures for the year 1874/5

8

[illegible]

May 20
 31 May 1871
 Good.

San Antonio de Padua

By Billie for Sales.

Stores. gen supplies to Public Depots 1000 by

Balance	6952.14 4
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いふのさうし

11353 10
Sally Smith and John
Smith
11353 10

5. The following is a list of the names of the persons who have been appointed to the various committees of the Board of Directors:

10/25/71

Statement of

Office Notes or Bills Receivable for 1890-91 52

S.

Dr. Balance on 1 st April 1870	1349 91	By Amount received for Bills	66053 96
" Amount of Bills issued during the year	67544 411	" Transfers to Public Department	9219 110
Refund of Advances	46 69	" Profit & Loss for bills returned	279 211
		Balance	76354 43
			4656 " 8
			81010 49

By Amount received for Bills — 16,053 96

Transfers to Public Department—9259 1/10

Profit & Loss for bills returned	279	8.11
	210.72	1.3

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Mass. }
30. May 1841 }

Controller of P. W. Works

Robert

Statement - I

Dr. Purchases or Bills Payable for 1890-91 Cr.

To Cash paid 15102.47 By Balance due on 31st March 1890 16572.1

Value of Purchases during the

Balance due 15102.47 year 1890-91 44750.13

46415.24

1022.23

116.91

811.10

12

Cr.

Retained

Statement - II

Dr. Public Department for the year 1890-91 Cr.

To Sales 9219.10 By Transfers for approved Invoices 41298.12.2

Mechanical Department 24538.11.9 Raw Materials 6735.0.4

Instrument 9624.9.5 Manufactures 1244.6.7

Manufactures 1000.6.1 Loss by return of bills 50.9.9

Transfer 1979.14.11 Balance 49.33.7.10

52435.12.6

52435.12.6

Madras }
31 May 1891

P.W. 2544/71

S. Wood
Controller of Ordnance

Retained

Statement IV

Transfers

Co

Dr

Dr Public Department for expenses	Dr Public Department for value of stores received
Invoices	Government
11090 10 2	11179 14 11
33 810 13 3	
Total 41290 10 2	Total 41290 10 2

Mason
31 May 1871

J. Wood
Controller of Ordnance

Received

Received

For a balance of 1000 00

Controller of Ordnance

J. Wood

Mason
31 May 1871

9125 5	
9125 5	

9125 5	
9125 5	

Total

By Purchase
Percentage for general charges

By same to works

Dr Postings for the year 1870-71

Dr

Statement O

From

The Controller of P. & O. Dept. (16. E. 200 534/23 31 May 1871)

In this letter the
Controller of Public Works
accounts reports the
results of the audit of
the Presidency Workshop
Accounts for the year
1870/71.

18/11/11. The fixed Cash Vote
sanctioned for
carrying on the operations
of the year was Rs 2,00,000.

The Government demands
against the Factory

Withdrawals from the Treasury Rs. a. p. 96000-0-0
 Income Tax 501-9-0
 Interest on Capital 8374-1-6
 Stores received without payment } 7979-14-11
 the margin to Rs 112855-9-5
 712855-9-5
 Payments into Treasury. Rs. a. p. 67444-9-2
 Value of approved Issues 41298-12-2
 108743-5-4
 Credited with Rs 108743-5-4
 or Rs 4112-11-12 less than the

Statement of **P**

Debit _____ Paid Account for the year 1870/71

9

John Adams

Paal from Credit Order

Paid in payment of bills

John

6105

By Payments into Treasury

Surakarta

Balance of Donations & Disbursements
and General Contingencies

Refunds of Advances

Good paid for labor & contingencies

The McDonald Refractories Co.

Do — Do — Attachment — Do —

67-444-9
15-162-14

1990

10-21-50

479

[Faint handwritten notes]

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Madame
31. Aug 1878
Paris

8.4425.44/71

Wm. Lloyd Garrison
 Controller of Customs

cum due, &c.
 The gross profits of the
 year were \$37,561-11-7, while
 the charges to be met there-
 from amounted to \$38,159-8-
 leaving a net loss of

\$59-9-5 adding to
 which the sum shown to
 represent the augmen-
 tation to Capital during
 the year, the amount to
 be charged off to the grant
 for the Residence under
 "Tools and Plant" is \$412-4-1.
 The adjustment of this
 sum by the Controller
 in anticipation of
 Sanchez is approved.

x \$3514-10-8

9/10/18 12/18/18

The operation of the
 year proper review do
 not compare favorably
 with the results of previous
 years, and it appears
 that

that the factory is not
 sustaining that self-
 supporting character
 which was contemplated
 by its establishment,
 it becomes necessary to
 consider what measures
 are calculated to improve
 the financial position
 of the institution. With
 this view the govern-
 ment will be glad
 to receive any proposals
 which the General
 Supt. may have to offer.

The practice noticed
 in paragraph 7 of
 viewing articles from
 the Store Depot through
 the medium of the
 workshops, in order to
 give a profit to the
 latter, has been ordered

by O. Norris 9/30/18

to be continued

No outlay should be
incurred during the
current year on the object
referred to in paragraph
8, except on a sanctioned
estimate.

Separate orders will
be passed on the subject
of paragraph 11.

Yours faithfully,
J. P. [Signature]

Approved by the
Commissioner of the
Public Works Department,
Colonial Office, London.

By the Secretary,
Colonial Office, London.

By the Secretary,
Colonial Office, London.

By the Secretary,
Colonial Office, London.

The Genl. Supt. of P.W. Stores and
Workshops,
Contract P.W. Stores,
Cape 29/6/26.

Cost of 1871 Bridges.

PUBLIC WORKS.

2. General Superintendent
of Public Works
and Navigation

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28 June 1725

Nos. 484 & 485