Public Works (1898) Department.

[illegible]

RAILWAY BRANCH.

G.O., No. 1385-86 Ry

DATED 10th Novr 1898.

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26/10/98

100/3/20/36 [illegible]/1

[Despatch Abstract.]

Open Capital Sanctions

Directing that the Lists of — of the Engineering, Locomotive, and ~~Traffic~~ + Telegraph Depts of the Madras Railway for the quarter ending the 31st December 1898, be forwarded to the Govt of India.

Forwarding the Lists of — of the Engineering, Locomotive, and Telegraph Depts of the M. Ry for the quarter ending the 31/12/98.

Indexed

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

RAILWAY.

Government {1898} of Madras.

PUBLIC WORKS.

Recd.	1898.	*Enclosures*
Regd.		*Spare copies*

G.O., Nos. 1385, 1386 Ry., 10th November 1898.

NOVEMBER.

Open Capital Sanctions

Forwarding the Lists of — of the Engineering, Locomotive and Telegraph Departments of the Madras Railway for the quarter ending the 31st December 1898.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following papers:—

From—The Agent and Manager, Madras Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—29th September 1898, No. 10381/931.

From—The Agent and Manager, Madras Railway.
To—The Consulting Engineer for Railways, Madras.
Dated—11th October 1898, No. 10381/970.

[*Statement*

ENCLOSURES.

MADRAS RAILWAY.

CURRENT.

Part I.—List of Open Capital Sanctions for the quarter ending 31st December 1898.

A.—No works to be carried out after date on which sanction closes, without renewal of sanction which should be applied for at least one month before lapse of sanction.
B.—Bills for works to be passed within three months from date of sanction closing, any subsequently submitted to be accompanied by explanations of delay and dealt with at official meeting at which the Consulting Engineer is present, before audit.
C.—Expenditure on Capital works not in the list will not be passed unless formal sanction has been received during the quarter.

Note.—Revenue expenditure is shown in block type.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898–99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	..	728 R.	24th Sept. 1897. 13th Sept. 1898.	Government Order. M.O.M.	Alteration of sidings, &c., at ..	Rayapuram ..	866 **2,704**	4,921 **737**	5,787 **3,441**	971 **2,172**	3,774 **1,317**	4,745 **3,489**	691	3,877	4,568	191	3,335	3,526	31st Dec. 1898.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
2	..	871	25th Mar. 1898.	Consulting Engineer.	Extension of through siding at Washermanpet to connect lay-bye at	Do. ..	200	1,955	2,155	13	1,875	1,885	200	1,955	2,155	13	1,875	1,888	30th Sept. 1898.	Work completed, but accounts not closed.
3	..	719 Ry.	13th May ,,	Government Order.	Proposed extra accommodation to Chief Auditor's office over Ticket Printing office at	Do. ..	6,790 **546**	4,528 ..	11,318 **546**	496 **252**	1,429 **2**	1,925 **254**	6,000	4,000	10,000	496	1,429	1,925	30th June 1899.	
4	..	1164 Ry.	22nd Sept. 1898.	Government Order.	Proposed additional rooms for Audit Office on 3rd storey to replace rooms on ground floor to be acquired for records at	Do. ..	5,063 **10**	9,229 **163**	14,292 **173**	.. ..	.. ..	.. ..	3,000	6,000	9,000	..	..	..	30th Sept. 1899.	
5	2 M.R. of 1896.	104 R.C. 117 R.	27th Jan. 1896. 13th Feb. ,, 25th Mar. 1898.	Government of India. Government Order. M.O.M.	Extension of erecting shed, Foreman's office and tool stores at	Perambur ..	20,211 **4,877**	17,335 ..	37,546 **4,877**	13,378 **4,876**	15,077 ..	28,455 **4,876**	8,186	4,113	12,299	1,353	1,855	3,208	30th Sept. 1898.	Works completed, but accounts not closed.
6	..	1886	5th June 1897. 3rd Dec. 1897.	Consulting Engineer. M.O.M.	Proposed pattern left under water-tank iron foundry at	Do. ..	252	1,579	1,831	285	1,546	1,831	..	464	464	..	374	374	30th June 1898.	Work completed, but accounts not closed. The excess expenditure will be within 5 per cent. of the estimate for which sanction will be obtained at an official meeting.
7	..	2954	11th Sept. ,, 25th Mar. 1898.	Consulting Engineer. M.O.M.	Line leading from timber-yard into saw-mills at	Perambur Workshop-yard.	187	2,592	2,779	162	2,290	2,452	27	381	408	2	79	81	30th Sept. 1898.	Work completed, but accounts not closed.
8	..	1147 R.	16th Dec. 1897.	Government Order.	Raising of boundary wall at ..	Perambur Works.	4,809 **4,944**	950 **186**	5,759 **5,130**	266 **1,017**	334 **304**	600 **1,321**	81	834	915	81	334	415	30th June 1898.	Work completed, but accounts not closed. The boundary wall has not been raised for the whole length according to the provision in the estimate, only those portions which were ordered by the Agent and Manager in his No. E654/1674 of 17th February 1898, have been executed. The expenditure is therefore very much lower than the estimate.
9	..	3844	17th ,, ,,	Consulting Engineer.	Louvre roof and ventilators to erecting and fitting shops at	Perambur ..	444	2,450	2,894	265	1,375	1,610	238	1,220	1,458	59	145	204	30th June 1898	Work completed, but accounts not closed.
10	..	1020 Ry.	10th Aug. 1898.	Government Order.	Proposed Medical Officer's bungalow at	Do. ..	5,381	4,219	9,600	..	..	..	3,000	3,000	6,000	..	..	..	30th Sept. 1899.	
11	..	1072 Ry.	20th Aug. 1898.	Government Order.	Proposed 2nd Assistant Locomotive Superintendent's bungalow at	Do. ..	4,329	2,871	7,200	..	..	..	3,000	1,871	4,871	..	..	..	Do.	

Part I.—List of Open Capital Sanctions for the quarter ending 31st December 1898—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898–99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
12	..	693 R.	20th Sept. 1897. 25th Mar. 1898. 1st July ,,	Government Order. M.O.M. Do.	Proposed foot overbridge at ..	Elephant gate level-crossing, South-West line.	1,728	4,672	6,400	1,501	4,589	6,090	600	437	1,037	373	354	727	30th Sept. 1898.	A moiety of the cost of the work to be borne by the Madras Municipality. Work completed, but accounts not closed.
13	..	81 R.	17th Jan. ,,	Government Order.	Filling up side ditches at 3/13·20 mile.	South-West line.	5,996	..	5,996	4,778	..	4,778	5,996	..	5,996	4,778	..	4,778	30th Sept. 1898.	Work completed, but accounts not closed.
14	..	1650	6th June ,,	Consulting Engineer.	Proposed extension of ballast-siding at	Tiruvallur ..	1,364 5	1,372 ..	2,736 5	567 ..	1,260 ..	1,827 ..	1,364	1,372	2,736	567	1,260	1,827	31st Dec. 1898.	
15	..	3869	18th Dec. 1897.	Do.	Depot shed at	Arkonam ..	2,554	500	3,054	1,867	774	2,641	2,054	1,000	3,054	1,867	774	2,641	Do.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
16	..	842	23rd Mar. 1898.	Do.	Additional room, &c., to Engine Driver's bungalow No. 25 at	Do. ..	871	849	1,720	758	733	1,491	871	849	1,720	758	733	1,491	30th Sept. 1898.	Work completed, but accounts not closed.
17	..	937	1st April ,,	Do.	Transfer of Telegraph workshops to the proposed new site at	Do. ..	1,378 3,658	2,953 ..	4,331 3,658	578 1,937	2,528 ..	3,106 1,937	1,378	2,953	4,331	578	2,528	3,106	31st March 1899.	
18	..	870	23rd Mar. ,, 13th Sept. ,,	Do. M.O.M.	Converting Travelling Auditor's bungalow into school-room and mistress' quarters at	Do. ..	618 150	635 ..	1,253 150	265 99	325 ..	590 99	618	635	1,253	265	325	590	31st Dec. 1898.	
19	..	513 R.	1st April ,,	Government Order.	Converting existing Telegraph workshop and store-yards into quarters for weigh-bridge fitter and assistant weigh-bridge fitter and power house for electric lighting at	Do. ..	3,970 362	1,333 ..	5,303 362	107 ..	1,601 ..	1,708 ..	3,303	2,000	5,303	107	1,601	1,708	31st March 1899.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
20	..	1469	23rd May ,,	Consulting Engineer.	Proposed wall for timber yard at ..	Do. ..	3,200 35	.. ..	3,200 35	.. ..	.. ..	.. ..	3,200	..	3,200	..	..	..	31st Dec. 1898.	
21	..	3786	11th Dec. 1897. 1st July 1898.	Consulting Engineer. M.O.M.	Interlocking points and signals at	Munnal ..	223 12	2,246 288	2,469 300	19 ..	41 ..	60 ..	204	2,205	2,409	..	..	..	31st Dec. 1898.	
22	..	2728	27th Aug. 1895. 28th Feb. 1896. 30th Sept. ,, 2nd Dec. ,, 3rd ,, 1897.	Consulting Engineer. M.O.M. Do. Do. Do.	Six houses for subordinate staff at ..	Arcot ..	805	429	1,234	..	..	..	805	429	1,234	..	..	..	31st Dec. 1898.	
23	..	1976	8th July 1898.	Consulting Engineer.	Proposed Stationmaster's house at ..	Vinnamangalam.	753	525	1,278	..	..	..	753	525	1,278	..	..	..	31st March 1899.	
24	..	936	1st April 1898.	Consulting Engineer.	Proposed wooden paling on platform in lieu of wire-fence at	Virinchipuram.	64 9	1,275 71	1,339 80	.. ..	.. 44	.. 44	64	1,275	1,339	..	..	..	30th Sept. 1898.	Extension of time to 31st December 1898 will be applied for at an official meeting.
25	..	4 R.	4th Jan. 1897. 25th Mar. 1898. 1st July ,, 13th Sept ,,	Government Order. M.O.M. Do. Do.	Additional water-supply at ..	Jalarpet ..	6,572	4,322	10,894	2,852	3,009	5,861	3,805	1,938	5,743	85	625	710	31st Dec. 1898.	
26	..	3870	18th Dec. 1897.	Consulting Engineer.	Double bungalow for family guards at	Do. ..	3,218	1,563	4,781	3,197	1,382	4,579	2,307	901	3,208	2,286	720	3,006	31st Dec. 1898.	
27	..	283	28th Jan. 1898. 13th Sept. ,,	Do. M.O.M.	Proposed additional sidings at ..	Mallanur ..	477	2,912	3,389	232	..	232	477	2,912	3,389	232	..	232	31st March 1899.	
28	..	964 R.	14th Nov. 1896. 28th May 1897. 29th Sept. ,, 3rd Dec. ,, 1st July 1898. 13th Sept. ,,	Government Order. M.O.M. Do. Do. Do. Do.	Watering arrangements at ..	Whitefield ..	3,105	14,873	17,978	318	10,119	10,437	2,895	8,593	11,488	108	3,839	3,947	31st Dec. 1898.	
29	..	1008	8th April 1898.	Consulting Engineer.	Proposed additional wrought iron tank at	Buddireddipatti.	30	1,082	1,112	..	133	133	30	1,082	1,112	..	133	133	31st Dec. 1898.	

Part I.—List of Open Capital Sanctions for the quarter ending 31st December 1898—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898–99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
30	6 M.R. of 1896.	1340 R.C. 1831 R.C. 1041 R.	8th Sept. 1896. 4th Dec. ,, 14th ,, ,, 13th Sept. 1898.	Government of India. Do. Government Order. M.O.M.	Alterations and additions to City Station.	Bangalore ..	2,19,939 32,727	1,74,413 3,351	3,94,352 36,078	1,68,719 24,614	1,11,753 6,554	2,80,472 31,168	49,035	68,442	1,17,477	7,815	15,782	23,597	30th June 1899.	
31	..	725	4th Mar. 1896. 28th Oct. ,, 28th Jan. 1898. 1st July ,,	Consulting Engineer. M.O.M. Do. Do.	Strengthening girders of bridge at 175/16 mile.	Bangalore Branch.	375 1,686	2,429 2,900	2,804 4,586	39 1,126	20 8,652	59 9,778	375	2,429	2,804	39	20	59	30th Sept. 1898.	Work completed, but accounts not closed.
32	..	412 R.	15th Mar. 1898.	Government Order.	Station-house, &c., at	Bisanatham.	2,533 4	3,529 124	6,062 128	152 ..	1,406 203	1,558 203	2,533	3,529	6,062	152	1,406	1,558	31st Mar. 1899.	
33	..	2955	11th Sept. 1897. 25th Mar. 1898. 1st July ,, 13th Sept. ,,	Consulting Engineer. M.O.M. Do. Do.	Signal arrangements at	Bowringpet.	316 15	2,725 247	3,041 262	154 24	1,527 360	1,681 384	162	1,778	1,940	..	580	580	31st Dec. 1898.	
34	..	3867	18th Dec. 1897. 1st July 1898. 13th Sept. ,,	Consulting Engineer. M.O.M. Do.	Raising and increasing capacity of locomotive tank at	Do. ..	2,879 595	30 47	2,909 642	391 419	775 68	1,166 487	1,909	1,000	2,909	391	775	1,166	31st Dec. 1898.	Sanction for a re-allocation of the estimate will be obtained at an official meeting.
35	..	3868	18th Dec. 1897.	Consulting Engineer.	Double bungalows for family guards at	Podanur ..	3,045	1,572	4,617	2,253	1,724	3,977	2,114	1,303	3,417	1,614	1,163	2,777	31st Dec. 1898.	Do.
36	..	3222	15th Oct. 1897. 3rd June 1898.	Do. M.O.M.	Strengthening two 64-feet girders by inserting central masonry piers at 307/17 mile.	Nilgiri Branch	817 817	213 212	1,030 1,029	443 443	212 212	655 655	63	111	174	Cr. 311	110	Cr. 201	31st Dec. 1898.	
37	..	,,	15th Oct. 1897. 3rd June 1898.	Consulting Engineer. M.O.M.	Strengthening two 64-feet girders by inserting central masonry piers at 312/13 mile.	Do. ..	955 955	213 212	1,168 1,167	574 574	211 211	785 785	215	157	372	Cr. 166	155	Cr. 11	31st Dec. 1898.	
38	..	,,	15th Oct. 1897. 3rd June 1898.	Consulting Engineer. M.O.M.	Strengthening two 64-feet girders by inserting central masonry piers at 314/10 mile.	Do. ..	996 996	213 212	1,209 1,208	575 575	28 28	603 603	206	157	363	Cr. 215	Cr. 28	Cr. 243	31st Dec. 1898.	
39	..	3515	17th Nov. 1897. 3rd June 1898.	Consulting Engineer. M.O.M.	Strengthening four 64-feet girders by inserting central masonry piers at 308/7 mile.	Do. ..	3,087 3,087	425 425	3,512 3,512	1,381 1,381	328 328	1,709 1,709	514	269	783	Cr. 1,192	172	Cr. 1,020	31st Dec. 1898.	The mileage of this bridge is not 308/17 as quoted in the estimate, but 308/7. The correction has now been made.
40	..	,,	17th Nov. 1897. 3rd June 1898.	Consulting Engineer. M.O.M.	Strengthening four 64-feet girders by inserting central masonry piers at 313/12 mile.	Do. ..	2,733 2,732	425 425	3,158 3,157	1,204 1,204	58 58	1,262 1,262	1,354	309	1,663	Cr. 175	Cr. 58	Cr. 233	31st Dec. 1898.	
41	..	,,	17th Nov. 1897. 3rd June 1898.	Consulting Engineer. M.O.M.	Strengthening four 64-feet girders by inserting central masonry piers at 321/13 mile.	Do. ..	2,343 2,342	425 426	2,768 2,768	691 691	56 56	747 747	2,281	266	2,547	629	Cr. 103	526	31st Dec. 1898.	
42	..	269 R.	17th Feb. 1898.	Government Order.	Proposed additional dock, &c., at ..	Kallayi ..	2,107	5,814	7,921	1,725	3,790	5,515	2,107	5,814	7,921	1,725	3,790	5,515	30th Sept. 1898.	Work completed, but accounts not closed.
43	..	1977	8th July ,,	Consulting Engineer.	Proposed additional rooms to guards' bungalow at	Calicut ..	1,096 330	220 ..	1,316 330	.. ..	.. ..	.. ..	1,096	220	1,316	..	..	..	31st March 1899.	
44	..	208 R.	26th Mar. 1897. 26th Aug. ,, 13th Sept. 1898.	Government Order. M.O.M. Do.	Alterations to Home signals so that their arms will fly to danger on any connection breaking.	South-West and North-West lines.	4,185	4,340	8,525	3,930	4,097	8,027	255	766	1,021	..	523	523	31st March 1899.	
45	..	1295	8th April 1897. 28th Jan. 1898.	Consulting Engineer. M.O.M.	Fitting of Annett's locks to facing points..	Do. ..	989	731	1,720	..	..	..	989	731	1,720	..	..	..	31st Dec. 1898.	
46	..	1159 R.	17th Dec. 1897. 3rd June 1898. 1st July ,, 29th ,, ,,	Government Order. M.O.M. Do. Do.	Twenty-two houses for traffic subordinates.	Do. ..	4,630	2,760	7,390	592	1,160	1,752	4,325	2,186	6,511	557	586	1,143	31st Mar. 1899.	

Part I.—List of Open Capital Sanctions for the quarter ending 31st December 1898—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898–99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
47	..	2479	3rd Sept. 1898.	Consulting Engineer.	Proposed three houses for Native stationmasters.	South-West line.	1,742	1,366	3,108	..	..	..	1,742	1,366	3,108	..	..	..	31st Mar. 1899.	
48	..	1169 Ry	23rd Sept. ,,	Government Order.	Making and fitting whitneys points Bolts Locks to points of blind sidings running off the main line and trapping points as recommended by siding committee.	South-West and North-West lines.	1,177 43	5,683 301	6,860 344	.. ..	.. ..	.. ..	1,177	5,683	6,860	..	..	..	31st Mar. 1899.	
49	..	416 R.	25th June 1897. 1st July 1898. 13th Sept. ,,	Government Order. M.O.M. Do.	Proposed station-house, &c., at ..	Ponpadi ..	5,362	4,095	9,457	901	1,421	2,322	4,982	2,809	7,791	521	135	656	31st Dec. 1898.	
50	1 M.R. of 1898. ..	899 R.C. 907 Ry.	28th June 1898. 11th July ,,	Government of India. Government Order.	Additional sidings, engine-shed and staff quarters at	Nandalur ..	29,371 25,151	21,828 10,069	51,199 35,220	29,371 24,917	23,683 10,201	53,054 35,118	Cr. 10	Cr. 1,855	Cr. 1,865	Cr. 10	..	Cr. 10	31st Dec. 1898.	The excess over the Capital portion of the estimate will be adjusted on the closing of the accounts.
51	..	2330	16th Aug. 1898.	Consulting Engineer.	Proposed water-supply for staff quarters and platform at	Do. ..	310	997	1,307	..	..	..	310	997	1,307	..	..	..	31st Mar. 1899.	
52	..	2341	17th ,, ,,	Consulting Engineer.	Grouping points at ..	Do. ..	118	1,109	1,227	..	..	..	118	1,109	1,227	..	..	..	31st Mar. 1899.	
53	..	522 R.	15th Aug. 1895. 24th Jan. 1896. 29th May ,, 2nd Dec. ,, 25th June 1897. 29th Sept. ,, 29th Oct. ,, 28th Jan. 1898. 25th Mar. ,, 1st July ,, 13th Sept. ,,	Government Order. M.O.M. Do. Do. Do. Do. Do. Do. Do. Do. Do.	Interlocking points and signals at ..	Nagari ..	830 ..	8,462 132	9,292 132 ,168 1,167	1,149 ..	8,422 132	9,571 132	..	17	17	..	17	17	31st Dec. 1898.	No further expenditure is likely to be incurred on the work. Sanction for the excess over the estimate will be obtained at an official meeting.
54	..	3267	20th Oct. 1897. 1st July 1898.	Consulting Engineer. M.O.M.	Proposed extension of platform, &c., at	Kamalapuram.	803 998		1,209 98	840 919	996 74	1,836 993	681	473	1,154	681	703	1,384	30th Sept. 1898.	Work completed, but accounts not closed. Credit for returned stores has to be given to this work. When it is adjusted the excess now appearing under capital will disappear. As soon as the actual credit is known, the needful will be done as regards the reallocation of the estimate.
55	..	834 R.	16th Oct. 1897.	Government Order.	Diversion of Koduru river at ..	107/10–11 mile, North-West line.	19,427	..	19,427	16,656	..	16,656	14,694	..	14,694	11,923	..	11,923	31st Dec. 1898.	
56	..	3222	15th ,, ,, 1st July 1898. 13th Sept. ,,	Consulting Engineer. M.O.M. Do.	Strengthening four 64-feet girders by inserting central masonry piers at	232/3 mile, North-West line.	2,010 2,010	425 425	2,435 2,435	1,460 1,460	83 83	1,543 1,543	2,010	343	2,353	1,460	1	1,461	31st Dec. 1898.	
57	..	3222	15th Oct. 1897. 1st July 1898. 13th Sept. ,,	Consulting Engineer. M.O.M. Do.	Strengthening two 64-feet girders by inserting central masonry piers at	232/10 mile, North-West line.	833 832	212 213	1,045 1,045	3 3	41 41	44 44	833	171	1,004	3	..	3	31st Dec. 1898.	
58	..	3222	15th Oct. 1897 1st July 1898. 13th Sept. ,,	Consulting Engineer. M.O.M. Do.	Do. do. ..	142/10 mile, North-West line.	651 650	212 213	863 863	461 461	26 26	487 487	494	212	706	304	26	330	31st Dec. 1898.	
59	..	1568	1st June 1898.	Consulting Engineer.	Do. do. ..	248/15 mile, North-West line.	955 954	212 213	1,167 1,167	.. ..	.. ..	.. ..	955	212	1,167	..	..	..	31st Dec. 1898.	
60	..	1568	1st ,, ,,	Consulting Engineer.	Strengthening four 64-feet girders by inserting central masonry piers at	248/9 mile, North-West line.	1,910 1,910	425 425	2,335 2,335	.. ..	.. ..	.. ..	1,910	425	2,335	..	..	..	31st Dec. 1898.	
61	..	1568	1st ,, ,,	Do.	Do. do. ..	263/3 mile, North-West line.	1,767 1,766	425 425	2,192 2,191	.. ..	.. ..	.. ..	1,767	425	2,192	..	..	..	31st Dec. 1898.	

Part I.—List of Open Capital Sanctions for the quarter ending 31st December 1898—*cont.*

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to April 1898.			Allotment for current year (1898-99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
62	..	898 Ry.	7th July 1898.	Government Order.,	Proposed Locomotive Workshop alteration of Locomotive sidings and new 50-feet engine turn-table in lieu of the existing 40-feet one at	Gooty ..	1,877 2,875	11,195 4,603	13,072 7,478	233 691	2,481 5,111	2,717 5,802	1,000	8,000	9,000	233	2,484	2,717	30th Sept. 1899.	
63	..	408	10th Feb. ,,	Consulting Engineer.	Proposed refreshment-room, &c., at	Do. ..	698 141	928 ..	1,626 141	583 91	968 ..	1,551 91	626	1,000	1,626	583	968	1,551	30th Sept. 1898.	Work completed, but accounts not closed. Sanction for a re-allocation of the estimate will be obtained at an official meeting.
64	..	410 R.	19th June 1897. 1st July 1898. 13th Sept. ,,	Government Order. M.O.M. Do.	Station-house, &c., at	Kalamala ..	7,121	5,387	12,508	5,649	2,925	8,574	3,240	4,227	7,467	1,768	1,765	3,533	31st Dec. 1898.	
65	..	130 R.	24th Jan. ,,	Government Order.	Proposed station-house, &c., at ..	Yerragudipad.	7,834	4,176	12,010	4,565	1,573	6,138	7,834	4,176	12,010	4,565	1,573	6,138	31st Mar. 1899.	
66	..	428	12th Feb. ,,	Consulting Engineer.	Proposed Engineering subordinates' quarters at	Guntakal ..	1,076	428	1,504	521	274	795	1,042	427	1,469	487	273	760	30th Sept. 1898	Work completed, but accounts not closed.
67	..	1813	20th June ,,	Do.	Quarters for intercommunication staff of Telegraph Department at	Raichur ..	882	373	1,255	..	237	237	882	373	1,255	..	237	237	31st Dec. 1898.	
					Chief Auditor's Department.															
68	..	1812	20th June 1898.	Consulting Engineer.	One oil-gas engine and accessories for the ticket printing office at	Rayapuram.	2,200	..	2,200	..	..	..	2,200	..	2,200	..	..	..	31st Mar. 1899.	
69	..	2689	30th Sept. ,,	Do.	Additional rooms for stationmaster's bungalow at	Calicut ..	695 81	410 ..	1,105 81	.. ..	.. ..	.. ..	695	410	1,105	..	..	..	31st Mar. 1899.	
70	..	2699	1st Oct. ,,	Do.	Native latrine at City Station ..	Bangalore ..	1,878	1,253	3,131	..	..	..	1,878	1,253	3,131	..	..	..	31st Mar. 1899	
					Total ..		..	..	..	..	..	..	1,75,710	1,78,541	3,54,281	..	..	..		

Comparison of quarterly list of Open Capital Sanctions ending 31st December 1898 with Capital Budget grant for 1898–99.

	Expenditure as per Auditor's books in current year against allotment.		
—	Cash.	Stores.	Total.
	RS.	RS.	RS.
Outlay during 1898–99 on completed works in previous list ..	..	Cr. 157	Cr. 157
Do. do. as per list submitted now.	9,753	2,886	12,639
Allotment for works in progress	1,75,740	1,78,541	3,54,281
Total ..	1,85,493	1,81,270	3,66,763
Budget provision ..	4,71,929	4,05,724	8,77,653
Balance available for further allotment ..	2,86,436	2,24,454	5,10,890

Chief Engineer's Office,
5th October 1898.

T. WAKE,
Offg. Chief Auditor.

F. F. HENSLEY,
Offg. Govt. Exr. of Ry. Accounts.

A. EDWARDS,
for Agent and Manager.

J. M. EWING,
for Chief Engineer.

J. C. LYLE,
for Consulting Engineer for Railways.

Part II.—The following works have been completed since the submission of Open Capital Sanction List for the quarter ending 30th September 1898, and have accordingly been struck out of the list for quarter ending 31st December 1898:—

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898-99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks or progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	..	2419	26th Aug. 1898	Consulting Engineer.	Filling in ditch on side of main line between Veyasarapady and Central station on side of	Salt Cotaurs, South-West line.	5,000	..	5,000	5,250	..	† 5,250	5,250	..	5,250	5,250	..	5,250	31st March 1899.	Sanction for the excess over the estimate will be obtained at an official meeting.
2	..	503 R.	26th July 1897. 25th Mar. 1898.	Government Order. M.O.M.	Carriage examining pits at	Central station	* 4,503 481	* 2,032 961	6,535 1,442	4,503 515	1,535 Cr. 98	6,038 417	..	..	..	..	..	..	30th June 1898.	
3	..	2539	4th Aug. 1897. 25th Mar. 1898.	Consulting Engineer. M.O.M.	Substitution of larger level-crossing gates at	Monegar choultry.	* 370 80	* 700 50	1,070 130	368 80	699 50	1,067 130	325	307	632	325	307	632	30th June 1898.	
4	..	2003	16th June 1897. 3rd Dec. „ 25th Mar. 1898.	Consulting Engineer. M.O.M. Do.	Do.	Washermanpet.	* 551 80	* 701 50	1,252 130	531 80	701 50	1,235 130	380	..	380	380	..	380	30th June 1898.	
5	..	2733	23rd Aug. 1897. 25th Mar. 1898. 1st July „	Consulting Engineer. M.O.M. Do.	Rearrangement of signals between	Washermanpet and Kayapuram.	130 44	1,825 251	1,955 295	1,214 80	1,078 23	2,292 103	614	273	887	614	273	887	30th Sept. 1898.	Sanction for the excess over the estimate will be obtained at an official meeting.
6	..	56 R.	26th Jan. 1897. 29th Oct. „ 28th Jan. 1898.	Government Order. M.O.M. Do.	Extension of through siding, &c., at	Washermanpet	3,187 411	3,348 36	6,535 447	2,872 510	3,375 Cr. 63	6,247 447	17	47	64	17	47	64	31st March 1898.	Sanction for a reallocation of the estimate will be obtained at an official meeting.
7	..	2217 2056	25th July 1896. 26th Feb. 1897. 23rd June „ 3rd Dec. „ 1st July 1898.	Consulting Engineer. M.O.M. Consulting Engineer. M.O.M. Do.	Alterations and additions to tyre shop at	Perambur ..	1,606 36	715 ..	2,321 36	1,386 36	287 ..	1,673 36	..	..	..	..	..	..	30th Sept. 1898.	
8	..	3843	17th Dec. 1897.	Consulting Engineer.	Assistant stationmaster's house at ..	Kristnarajapuram.	806	403	1,209	781	326	1,107	346	110	456	346	110	456	30th June 1898.	
9	..	132 R	17th Feb. 1896. 30th Sept. „ 28th May 1897. 29th Oct. „ 3rd Dec. „ 25th Mar. 1898.	Government Order. M.O.M. Do. Do. Do. Do.	Thirty feet opening in lieu of 30 feet arch at 168/10 miles	Bangalore branch.	5,450 2,937	2,379 ..	7,829 2,937	4,106 2,127	1,502 332	5,608 2,459	938	..	938	938	..	938	30th June 1898.	
10	..	1158 R.	17th Dec. 1897.	Government Order.	Extension of goods godown and sidings at	Mangalam.	1,282 6	5,074 ..	6,356 6	1,021 6	3,759 ..	‡ 4,780 6	915	2,056	2,971	915	2,056	2,971	30th June 1898.	
11	..	3847	17th „ „	Consulting Engineer.	House for carriage examiner at ..	Mettupalayam.	* 533	* 634	1,167	518	633	1,151	408	438	846	408	438	846	30th June 1898.	
12	..	1957	11th June „ 28th Jan. 1898.	Consulting Engineer. M.O.M.	Houses for stationmaster, his assistant and for porters at	Mangapatnam.	2,011	1,006	3,017	1,845	918	2,763	560	562	1,122	560	562	1,122	31st March 1898.	
13	..	1017R.C. 1003 Ry.	21st July „ 6th Aug. „	Government of India Government Order.	Restoration of bridge No. 251 at ..	107/10-11 miles, North-west line.	* 14,156 16,105	* 2,999 2,720	17,155 18,825	14,156 15,369	2,999 2,781	17,155 18,150	..	Cr. 907	Cr. 907	..	Cr. 907	Cr. 907	31st Dec. 1898.	
14	..	473	16th Feb. „	Consulting Engineer.	Proposed siding required by Messrs. Best & Co. at	Raichur ..	150	1,097	1,247	34	680	714	..	..	..	..	..	..	30th Sept. 1898.	
						Total ..	..	..	..	..	..	..	9,753	2,886	12,639	9,753	2,886	12,639		

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* The alteration is due to re-allocation which has been approved of but not recorded being under Rs. 500.

† Expenditure brought to account in August 1898.

‡ Includes a sum of Rs. 14 debited against the work in August 1898.

Chief Engineer's Office,
5th October 1898.

J. M. EWING,
for Chief Engineer.

LOCOMOTIVE DEPARTMENT.

LIST OF OPEN CAPITAL SANCTIONS for the quarter ending 31st December 1898.

NOTE.—Revenue Expenditure is shown in block type.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898–99).			Expenditure as per Auditor's books in current year against allotment.			Date when sanction closes.	Remarks and progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	3 M.R. of 1897.	55 R.S. 102 R.	2nd Feb. 1897. 13th Feb. „ 28th Jan. 1898.	Government of India. Government Order. M.O.M.	Gas-making plant, lamps and fittings.	..	20,814 ..	1,90,442 **14,025**	2,11,256 **14,025**	20,274 ..	1,55,186 **14,025**	1,75,460 **14,025**	669	29,429	30,098	234	1,686	1,920	31st Dec. 1898.	
2	5 M.R. of 1896.	302 R.S. 642 R.	13th July 1896. 28th „ „ 27th Jan. 1897. 28th Jan. 1898.	Government of India. Government Order. M.O.M Do.	Fitting automatic vacuum brake-gear to 10 engines and 50 carriages.	..	6,200	31,060	37,260	5,001	30,657	35,658	840	430	1,270	21	27	48	31st Dec. 1898.	
3	4 M.R. of 1897.	191 R.S. 361 R.	5th May 1897. 20th „ „ 28th Jan. 1898.	Government of India. Government Order. M.O.M.	Two bogie composites .. .. Seventeen third-class carriages .. Two 3rd-class carriages with brakes and two ordinary brake-vans.	..	25,425	1,01,385	1,26,810	19,674	99,131	1,18,805	6,483	4,526	11,009	813	2,192	3,005	31st Dec. 1898.	
4	..	14 R.	8th Jan. 1897. 28th Jan. 1898.	Government Order. M.O.M.	Fitting automatic vacuum brake-gear to four engines.	..	1,200	3,889	5,089	135	2,337	2,472	897	639	1,536	..	..	..	31st Dec. 1898.	
5	5 M.R. of 1897.	213 R.S. 391 R.	22nd May 1897. 5th June „ 28th Jan. 1898.	Government of India. Government Order. M.O.M.	Fitting automatic vacuum brake-gear to 6 engines and 200 carriages.	..	28,184	92,267	1,20,451	4,161	48,443	52,604	22,884	32,267	55,151	865	5,361	6,226	31st Mar. 1899.	
6	..	445 R.	8th July 1897. 25th Feb. 1898. 1st July „	Government Order. M.O.M. ..	One planing machine	..	180	6,090	6,270	..	..	..	180	6,090	6,270	..	..	..	31st Dec. 1898.	
7	7 M.R. of 1897.	395 R.S. 814 R.	4th Oct. 1897. 13th „ „	Government of India. Government Order.	Five bogie composites (I, II and III) and five bogie composite 3rd-class carriages.	..	35,850	1,14,150	1,50,000	..	6	6	35,850	1,14,150	1,50,000	..	6	6	31st Mar. 1899.	Cost to be divided between Great Indian Peninsula and Madras Railways.
8	6 M.R. of 1897.	1398 R.C. 751 R.	26th Aug. „ 30th Sept. „	Government of India. Government Order.	Forty-six 3rd-class carriages ..	..	31,510	1,64,473	1,95,983	783	247	1,030	30,510	1,34,473	1,64,983	745	..	745	31st Dec. 1898.	
9	..	1382	14th May 1898. 1st July „	Consulting Engineer. M.O.M.	New steam hammer	..	140	1,530	1,670	83	165	248	140	1,530	1,670	83	165	248	31st Dec. 1898.	
10	..	939 R.	18th „ „	Government Order.	Converting seven 2nd-class carriages into composites.	..	7,665	9,905	17,570	..	..	..	7,665	9,905	17,570	..	..	..	31st Mar. 1899.	
11	..	1133 R.	13th Sept. „	Government Order.	Six oil-tank wagons	..	4,620	19,080	23,700	..	..	..	1,540	6,360	7,900	..	..	..	31st Dec. 1899.	
					Total ..	..	..	..	..	..	..	..	1,07,658	3,39,799	4,47,457	..	..	..		

PERAMBUR WORKS,
24th September 1898.

C. E. PHIPPS,
Locomotive Superintendent.

LOCOMOTIVE DEPARTMENT.

The following works have been completed since the submission of Open Capital Sanction List for the quarter ending 30th September 1898 and have accordingly been struck out of the list for quarter ending 31st December 1898:—

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898-99).			Expenditure as per Auditor's books in current year against allotment.			Date when sanction closes.	Remarks and progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	2 M.R. of 1895.	421 R.S. 4056 804 R.	9th Dec. 1895. 16th " " 21st Sept. 1896. 30th April 1897. 28th Jan. 1898. 25th Feb. " 29th April "	Government of India. Consulting Engineer. Government Order. M.O.M. Do. Do. Do.	Fitting automatic Vacuum brake-gear to 10 engines and 50 carriages.	..	6,750	33,277	40,027	6,040	32,976	39,016	21	395	416	21	395	416	30th June 1898.	
2	..	136 R. 949 R.	18th Feb. 1896. 27th Jan. 1897. 28th " 1898. 25th Feb. " 29th April " 1st July " 23rd " "	Government Order. M.O.M. Do. Do. Do. Do. Government Order.	One bogie corridor composite carriage.	..	4,319	17,110	21,429	4,240	17,158	21,398	472	1,040	1,512	472	1,040	1,512	31st Dec. 1898.	Sanction for re-allocation will be obtained at the official meeting to be held on 18th October 1898.
						Total ..	..	..	..	..	..	..	493	1,435	1,928	..	..	..		

COMPARISON of Quarterly List of Open Capital Sanctions ending 31st December 1898 with the Capital Budget grant for 1898-99.

—	Expenditure as per Auditor's books in current year against allotment.		
	Cash.	Stores.	Total.
	RS.	RS.	RS.
Outlay during 1898-99 on completed works in previous list ..	..	138	138
Do. as per this list ..	493	1,435	1,928
Allotment for works in progress	1,07,658	3,39,799	4,47,457
Total ..	1,08,151	3,41,372	4,49,523
Budget Provision ..	1,82,805	7,85,270	9,68,075
Balance available for further allotment ..	74,654	4,43,898	5,18,552

T. WAKE,
Offg. Chief Auditor.

A. EDWARDS,
for Agent and Manager.

E. A. WALLER, Major, R.E.,
Govt. Exr. of Ry. Accounts.

C. E. PHIPPS,
Locomotive Superintendent.

J. C. LYLE,
for Consulting Engineer for Railways.

PERAMBUR WORKS,
24th September 1898.

TELEGRAPH DEPARTMENT.

List of Open Capital Sanctions for the quarter ending 31st December 1898.

NOTE.—Revenue Expenditure is shown in block type.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898-99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks and progress.
		No.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	..	1115 Ry.	3rd Sept. 1898.	Government Order.	Revised estimate for lighting Arkonam station and yard by electricity.	Arkonam ..	2,470 ..	15,251 **1,230**	17,721 **1,230**	656	11,670	12,326	3,218	500	3,718	44	..	44	**30th June 1899.**	Sanction for a re-allocation of the estimate will be obtained.

ARKONAM,
26th September 1898.

H. H. PRENDERGAST,
Ag. Telegraph Engineer.

The following works have been completed since the submission of Open Capital Sanction List for the quarter ending 30th September 1898 and have accordingly been struck out of the list for the quarter ending 31st December 1898:—

TELEGRAPH DEPARTMENT.

Item number.	Register number.	Sanction.			Works.	Locality.	Sanctioned expenditure.			Total expenditure as per Auditor's books as far as known up to July 1898.			Allotment for current year (1898-99).			Expenditure as per Auditor's books in current year against allotment.			Date on which sanction closes.	Remarks and progress.
		Number.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
							RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
1	6 M. R. of 1889.	649 R.C. 798 R. 1515 R.C.	9th July 1889. 25th ,, ,, 25th ,, 1895. 30th July 1896. 3rd Dec. 1895. 5th Aug. 1897.	Government of India. Government Order. M.O.M. Do. Government of India. M.O.M.	Revised estimate for the extension of block system and the introduction of starting semaphore signals, &c., on South-West and North-West lines including additional stations.	North-West and South-West lines.	64,943	1,01,818	1,66,761	63,307	98,646	1,61,953	..	..	..	..	..	..	30th September 1898.	

COMPARISON of Quarterly List of Open Capital Sanctions ending 31st December 1898 with the Capital Budget grant for 1898-99.

	Expenditure as per Auditor's books in current year against allotment.		
—	Cash.	Stores.	Total.
	RS.	RS.	RS.
Outlay during 1898-99 on completed works as per this list ..	..	..	..
Allotment for works in progress	3,218	500	3,718
Total ..	3,218	500	3,718
Budget Provision ..	3,118	7,147	10,265
Balance available for further allotment ..	— 100	6,647	6,547

T. WAKE,
Offg. Chief Auditor.

A. EDWARDS,
for Agent and Manager.

ARKONAM,
26th September 1898.

E. A. WALLER, Major, R.E.,
Govt. Exr. of Ry. Accounts.

H. H. PRENDERGAST,
Ag. Telegraph Engineer.

J. C. LYLE,
for Consulting Engineer for Railways.

Order—No. 1385 Ry., dated 10th November 1898.

Ordered that the Lists of Open Capital Sanctions of the Engineering, Locomotive and Telegraph Departments of the Madras Railway, for the quarter ending 31st December 1898, be forwarded to the Government of India.

[Here enter No. 1386 Ry., dated 10th November 1898.]

(True Extract.)

Francis J. E. Spring,
Joint Secretary.

To the Agent and Manager, Madras Railway.
" Examiner of Railway Accounts, Madras.
" Consulting Engineer for Railways.

Endorsement—No. 1386 Ry., dated 10th November 1898.

Forwarded.

(By order.)

Francis J. E. Spring,
Joint Secretary.

Ex'd. T. K. Narayana Aiyangar.

(C. 3.) 1,000—26 10-94.

Madras Railway Company,
AGENT & MANAGER'S OFFICE,
Madras,

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
30 SEP. 1898
MADRAS

4517
30.9.98

2. List for Quarter ending 31st December 1898
2 -:- for works which have been completed since the submission of the list for the quarter ended 30th September 1898.

From
THE AGENT AND MANAGER,
M. R. Co.

To
The Consulting Engineer
for Railways,
Madras

Dated 29th } September 1898.
Received

No. 10381/931

The undersigned has the honor to forward herewith the Lists of Open Capital sanctions of the Locomotive and Telegraph Departments noted in the margin for the quarter ending 31st December 1898.—

pr Agent and Manager.

Form No. 83.

300—30-6-9

EXAMINER
Regr. No. 500
1 - OCT. 1898
Enclosures
RAILWAY ACCOUNTS, MADRAS.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,
Madras, 30th September 1898.

No. 2693

OFFICE NOTE.

Recd 1/10/98

Memo
~~Letter~~ from the Agent, Manager Mad: Railway, No $\frac{10381}{931}$, dated 29th September 1898, forwarded to the Examiner of Railway Accounts. for favour of remarks.

for E. R.

Will be initialled afterwards.

EXAMINER'S REPLY.

Checked countersigned and
returned.
Please see corrections ma
in item 1 Loco: Deptt: Lis

E Walter

C. R.
4.10-98

a

TELEPHONE.

From ER
To AM
Dated 5th Oct/98 Time 2-30 PM. Despd
SM 5/10.

Your No: 10381/931 of 25th Sept
Please send early List
of Capital sanctions for
Engineering Dept.

Sd/ ER
5-10-98

AR Please say if this may
again [illegible].

11/10-98

REPLY.

From
To
Dated Time

(C. 3.) 1,000—26 17-94.

Madras Railway Company,

AGENT & MANAGER'S OFFICE,

Madras, 98.

CONSULTING ENGINEER FOR RAILWAYS
RECEIVED
12 OCT. 1898
MADRAS.

From

THE AGENT AND MANAGER,

M. R. Co.

4750
12.10.98

To

The Consulting Engineer
for Railways,
Madras.

Dated 11th } October 1898.
Received

No. 10381/970

Engineering Department for quarter ending 31st December 1898. for works which have been completed since the submission of the list for the quarter ended 30th September 1898.

- Do -

The undersigned has the honor to forward herewith the list of Open Capital sanctions noted in the margin for the quarter ending 31st December 1898.

for Agent and Manager.

Enclo/2

Form No. 83.

300—30-6-98.

OFFICE OF THE CONSULTING ENGINEER FOR RAILWAYS,

Madras, 12th October 1898.

EXAMINER OF RAILWAY ACCOUNTS, MADRAS
Regr. No. 525
13 OCT. 1898
Enclosures.........

No 2812

OFFICE NOTE.

Invoice ~~Letter~~ from the Agent & Manager Madras Railway, No $\frac{10381}{970}$, dated 11th October 1898, forwarded to the Examiner of Railway Accounts. for favour of remarks.

for E. R.

EXAMINER'S REPLY.

Checked, Countersigned and returned.

O.C.S. Items 30 & 53. Corrections have been made in this office.

18/10 4.55

18.10.98

18/10

Offg. C. R

52

21/10/98

Form No 1

No. 2906

Madras, 21st Octr 1898.

From

The CONSULTING ENGINEER FOR RAILWAYS,

MADRAS,

Reminders.

To

The AGENT AND MANAGER, M. Ry.

~~" " S. I. Ry.~~

" " H. H. THE N. G. S. Ry.

" " AND CHIEF ENGR. N. Ry.

" " S. M. Ry.

" ENGR.-IN-CHIEF, B. M. Ry.

~~" MANAGER, E. C. Ry.~~

Reply No. ______

dated ______

SIR,

With reference to your Memo Nos. 1038/93, and 10381/970 of 29th Sept ~~[illegible]~~ and 11th Oct 1898 respective authority, as under, for I have the honour to state that the following ~~authorities~~ items have been ~~omitted~~ erased from the list of Open Capital Sanctions (Locomotive & Engg Depts) received therewith.

2. Your Office copy may be corrected accordingly.

Locomotive Item	1.	5MR of 1893	450RS of	20-12-93	G.I
			3/4 R of	8-1-94	G.O.
				24-1-96.	M.O.T.
				27-1-97	M.O.M
Engineering Item	30.	1MR of 1894	94RC of	30-1-94.	G.O.
			81 R of	6-2-94	G.O
				29-8-95	M.O.M
				28-2-96	M.O.M
"	" 53		18 R of	10-1-94	G.O
				26-7-94	M.O.M
				30-5-95	M.O.M

20.10.98

20/10/98

Form No. 1.

PUBLIC WORKS DEPARTMENT,

RAILWAY BRANCH.

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

ERi Current No. 4517 of 1898, dated 30-9-98 , from AM Quote 1

" " 4750 " 1898, " 12-10-98 , " do Quote 2

" " " 189 , " , "

Print No. 1385 R of 10-11-98

ORDER.

2 of

Ordered that the Lists of Open Capital Sanctions of the Engineering, Locomotive and ~~Traffic~~ Telegraph Departments of the M R for the quarter ending 31st Decr 1898, be forwarded to the Govt of India.

To The Agent & Manager M R

" Examiner of Rly Accts. Madras

" Cons. Engr for Railways

H. E. No 1386 Rly of 10th Novr Oct 1898

Forwarded.

DR
20.10.98.

Print

Despatched on 28/11/98

2 drafts

M 20/10/98

Part II The following works have been Completed since the

1460	83	1543	2010	313	2353	1160	1	1161	} 31-12-98
1460	83	1543							
3	41	44	833	171	1004	3	"	3	} do
3	41	44							
461	26	487	494	212	706	304	26	330	} do
461	26	487							
"	"	"	955	212	1167	"	"	"	} do
"	"	"	1910	425	2335	"	"		} do
"	"	"	1767	425	2192	"	"	"	} do
233	2484	2717	1000	8000	9000	233	2484	2717	} 30-9-99
691	5111	5802							
Carried over Rs			157343	166675	324018				

11

13

	1878	1253	3131
Total Rupees	175740 ~~173860~~	178541 ~~177288~~	354281 ~~351150~~

31-3-99

Capital Sanctions ending 31st December 1898

for 1898-99

	Expenditure as per Auditor's books in current year against Allotment		
Total works in previous list		63157	63157
do as per list submitted now	9753	2886	12639
	175740 ~~173860~~	178541 ~~177288~~	354281 ~~351150~~
Total Rs	185493 ~~183619~~	181270 ~~180017~~	366763 ~~363632~~
Budget provision	471929	405724	877653
Available for further allotment	286436 ~~288310~~	224454 ~~225707~~	510890 ~~514017~~

Govt. Examiner of Ry Accounts

for Consulting Engineer for Railways

for Chief Engineer

100—6-98.

Total.	Total Expenditure as per Auditor's Books as far as known up to			Allotment for Current year (~~1896-97~~). 1898-99			Expenditure as per Auditor's Books in current year against allotment.			Date on which Sanction closes.	Remarks or Progress.
	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
	Brought over Rs			157343	166675	324018					
1626	583	968	1551	626	1000	1626	583	968	1551	30-9-98	work completed but accounts not closed Sanction for a reallocation the Estimate will be obta at an Official meeting
141	91	"	91								
508	5649	2925	8574	3240	4,227	7467	1768	1765	3533	31-12-98	
2010	4,565	1573	6138	7834	4176	12010	4,565	1573	6138	31-3-99	
504	521	274	795	1042	427	1469	487	273	760	30-9-98	work completed but accounts not closed
55	"	237	237	882	373	1255	"	237	237	31-12-98	
partment											
	"	"	"	2200	"	2200				31-3-99	
				695	410	1105				31-3-99	

323	3930	4,097	8027	255	766	1021	"	523	523	31-3-99	
1720	"	"	"	989	731	1720	"	"	"	31-12-98	
7390	592	1160	1752	4,325	2186	6511	557	586	1143	31-3-99	
3108	"	"	"	1742	1366	3108	"	"		— do —	
3440											
6860	"	"	"	1177	5683	6860	"	"	"	— do —	
9457	901	1121	2322	4982	2809	7791	521	135	656	31-12-98	
61199	29371	23683	53054	Cr 10	Cr 1855	Cr 1865	Cr 10	"	Cr 10	do	The excess over the capital portion of the Estimate will be adjusted on the close of the accounts
35220	24917	10201	35118								
	Carried over Rupees			132571	184291	286862					

9

Part II The following works have been Completed since the submiss

E. 16 B.

12

100—6-98.

Item No.	Register No.	Sanction. No.	Sanction. Date.	Sanction. From	Works.	Locality.	Sanctioned Cash.	Sanctioned St	…nditure. Total.	Total Expenditure as per Auditor's Books as far as known up to — Cash.	Stores.	Total.	Allotment for Current year (1896-97). Cash.	Stores.	Total.	Expenditure as per Auditor's Books in current year against allotment. Cash.	Stores.	Total.	Date on which Sanction closes.	Remarks or Progress.
										Brought over Rs			132571	154291	286862					
63		408	10-2-98	C. E.	Proposed Refreshment room &c. at	Gooty Revenue	698 141	9	1307	"	"	"	310	997	1307	"	"	"	31-3-99	
64		410R	19-6-97 1-7-98 13-9-98	G. O. M. A., "	Station House &c. at	Kalamala	7121		1227	"	"	"	118	1109	1227	"	"	"	— do —	
65		130R	24-1-98	G. O.	Proposed station House &c. at	Yerragudipadu	7834	4												
66		428	12-2-98	C. E.	Proposed Engineering Subordinates Quarters at	Guntakal	1076	4												
67		1813	20-6-98	C. E.	Quarters for Inter communication staff of Telegraph Department at	Raichur	882	37	92 132	1149 "	8422 132	9571 132	"	17	17	"	17	17	31-12-98	No further expendit is likely to be incurred on the work - Sanction for the excess over the Estimate will be obtain at an official meeting
						Chief Audit														
68		1812	20-6-98	C. E.	One oil gas Engine and accessaries for the ticket printing Office at	Rayapuram	2200	"		840 919	996 74	1836 993	681	473	1154	681	703	1384	30-9-98	Work completed but accounts not closed. Credit for returned stores has to be given to this work When it is adjusted the excess now appearing under Capital will disappear. As soon as th actual credit is known the needful will be done as regard the reallocation of the Estim
69		2689	30-9-98	C. E.	Additional rooms for Station Masters Bungalow at	Calicut Revenue	695 81	410	27	16656	"	16656	14694	"	14694	11923	"	11923	31-12-98	

4

Item No.	Register No.	Sanction.			Works.	Locally.	Sanctioned Exp		diture.	Total Expenditure as per Auditor's Books as far as known up to July 1898			Allotment for Current year (~~1896-97~~). 1898-99			Expenditure as per Auditor's Books in current year against allotment.			Date on which Sanction closes.	Remarks or Progress.
		No.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores,	Total.		
										Brought over Rs			9891	15832	25723					
5	2-M.R of 1896	101 K.R	27-1-96	G. I.	Extension of Erecting															
		117 K	13-2-96	G. O.	shed, Foreman's Office	Perambur	20211	1733	546	13378	15077	28455	8186	4113	12299	1353	1855	3208	30-9-98	work completed but
			25-3-98	M.A.M	and tool stores at	Revenue.	4877	"	877	4876	"	4876								accounts not closed
6		1886	5-6-97	C. E.	Proposed Pattern loft															— do — The excess expen-
			3-12-97	M.A.M	under water tank															diture will be within 5
					iron foundry at	Perambur	252	157	1831	285	1546	1831	"	464	464	"	374	374	30-6-98	per cent of the Estimate for which sanction will be obtained at an Aff Meeting
7		2954	11-9-97	C. E.	Line leading from															
			25-3-98	M.A.M	timber yard into	Perambur														work completed but
					saw mills at	workshop yard	187	25	779	162	2290	2452	27	381	408	2	79	81	30-9-98	accounts not closed.
8		1147 K	16-12-97	G. O.	Raising of boundary	Perambur works	4809	950	759	266	334	600	81	834	915	81	334	415	30-6-98	— do — The boundary wall has not been raised for the whole length according to the provision in the Estimate only those portions which were ordered by the Agent & Manager in his No. 654/1674 of 17-2-98 have been executed. The expenditure is therefore very much lower than the Estimate.
					wall at	Revenue	494	18	130	1017	304	1321								
9		3844	17-12-97	C. E.	Louvre roof and ventilators															
					to erecting and fitting															
					shops at	Perambur	444	2450	594	265	1375	1640	238	1220	1458	59	145	204	30-6-98	work completed but accounts not closed
10		1020 Ry	10-8-98	G. O.	Proposed Medical															
					Officer's Bungalow at	Perambur	5381	4219	00	"	"	"	3000	3000	6000	"	"	"	30-9-99	
11		1072 Ry	20-8-98	G. O.	Proposed 2nd Assistant															
					Loco: Superintendent's															
					Bungalow at	Perambur	4329	28	00	"	"	"	3000	1871	4871	"	"	"	— do —	
12		693 K	20-9-97	G. O.	Proposed Foot over	Elephant Gate														A moiety of the cost of the
			25-3-98	M.A.M	Bridge at	Level crossings	1728	4672	64	1501	4589	6090	600	437	1037	373	354	727	30-9-98	work to be borne by the Madras Municipality. work completed but
			1-7-98	"		S. W. Line														accounts not closed.
13		81 K	17-1-98	G. O.	Filling up side ditches															
					at 3/13-20 miles	S. W. Line	5996	"	5996	4778	"	4778	5996	"	5996	4778	"	4778	30-9-98	work completed but accounts not closed

1P

14		1650	6-6-98	C. E.	Proposed Extension of	Tiruvallur	1364	1372
					Ballast siding at	Revenue	5	"
15		3869	18-12-97	C. E.	Depôt shed at	Arkonam	2554	500
16		842	23-3-98	C. E.	Additional rooms to			
					Engine Drivers			
					Bungalow No. 25 at	Arkonam	871	849
17		937	1-4-98	C. E.	Transfer of Telegraph			
					workshops to the	Arkonam	1378	2953
					proposed new site at	Revenue	3658	"
18		870	23-3-98	C. E.	Converting Travelling			
			13-9-98	M. A. M.	Auditors Bungalow			
					into school room and	Arkonam	618	635
					Mistress quarters at	Revenue	150	"
19		513 R	1-4-98	G. O.	Converting Existing			
					Telegraph workshop			
					and store yards into			
					quarters for weigh			
					Bridge fitter and			
					Assistt. weigh Bridge			
					fitter and power house	Arkonam	3970	1333
					for Electric lighting at	Revenue	362	
20		1469	23-5-98	C. E.	Proposed wall for Timber	Arkonam	3200	"
					yard at	Revenue	35	
21		3786	11-12-97	C. E.	Interlocking Points &	Munnal	223	22
			1-7-98	M. A. M.	signals at	Revenue	12	
22		2728	27-8-95	C. E.	Six houses for			
			28-2-96	M. A. M.	subordinate staff			
			30-9-96	"	at	Arcot	805	
			2-12-96	"				
			3-12-97	"				

36	567	1260	1827	1364	1372	2736	567	1260	1827	31-12-98	5
	1867	774	2641	2054	1000	3054	1867	774	2641	31-12-98	sanction for ~~a~~ reallocation of the Estimate will be obtained at an official meeting
	758	733	1491	871	849	1720	758	733	1491	30-9-98	work completed but accounts not closed
	578	2528	3106	1378	2953	4331	578	2528	3106	31-3-99	
	1937	.	1937								
53	265	325	590	618	635	1253	265	325	590	31-12-98	
50	99	"	99								
3	107	1601	1708	3303	2000	5303	107	1601	1708	31-3-99	sanction for a re-allocation of the Estimate will be obtained at an Official meeting
	"	"	"	3200	"	3200	"	"	"	31-12-98	
	19	41	60	204	2205	2409	"	"	"	do	
	"	"	"	805	429	1234	"	"	"	31-12-98	
Carried over	Rupees			44816	39595	84411					

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Madras Railway Telegraph Department

The following works have been Completed since the Submission of Open Capital Sanction list for the quarter ended 30th September 1898 and have accordingly been struck out of the list for the quarter ending 31st December 1898 -

Item Number	Register Number	Sanction			Works	Locality	Sanctioned Expenditure			Total expenditure as per Auditor's books as far as known up to July 1898			Allotment for Current Year 1898-99			Expenditure as per Auditor's books in Current year against allotment			Date on which Sanction closes	Remarks and Progress
		No.	Date	From			Cash	Stores	Total	Cash	Stores	Total	Cash	Stores	Total	Cash	Stores	Total		
1	6 M. R of 1889	649 R. C 798 R 1515 R. C	9-7-1889 25-7-1889 25-7-1895 30-7-1896 3-12-1895 5-8-1897	G: I G. C. M. C. M M. C. M G. I M. C. M	Revised Estimate for the extension of Block System & the introduction of Starting Semaphore Signals &c. on S. W and N. W. lines including additional Stations	N. W and S. W. Lines	64,[illegible]	101,8[illegible]	165,761	53,207	98,[illegible]46	151,953	-	-	-	-	-	-	30-9-98	

Madras Railway Telegraph Department

Comparison of Quarterly list of Open Capital Sanctions ending 31st December 1898, with the Capital Budget Grant for 1898-99

	Expenditure as per Auditor's books in Current year against allotment		
	Cash Rs:	Stores Rs:	Total Rs:
	"	"	"
Outlay during 1898-99 on completed works as per this list	3,218	500	3,718
Allotment for works in progress			
Total	3,218	500	3,718
Budget provision	3,118	7,147	10,265
Balance available for further allotment	-100	6,647	6,547

Arkonam
26th September 1898

[illegible]ke
Offg. Chief Auditor

E. W. Allen Major R.E
Govt. Examiner of Ry. Accounts

H. H. L. Prendergast
Ag. Tel: Engr.

for Consulting Engineer

E. No. 16 B.

18

Print

200—9-96.

MADRAS AILWAY CO.

NT.

CU ending 31st December 1898.

List of open Capital sanctions for the Q

(a.) No works to be carried out after date on which sanction closes, without renewal of sanction whi be applied for at least one month before lapse of sanction.

(b.) Bills for works to be passed within three months from date of sanction closing, any subsequent to be accompanied by explanation of delay and dealt with at Official Meeting at which the Consulting Engineer is present, before audit.

(c.) Expenditure on Capital works not in the list will not be passed unless formal sanction has been uring the quarter.

Item No.	Register No.	Sanction.			Works.	Locality.	Sanctioned Expen ure.			Total Expenditure as per Auditor's Books as far as known up to July 1898			Allotment for Current year (~~1896-97~~). 1898-99			Expenditure as per Auditor's Books in current year against allotment.			Date on which Sanction closes.	Remarks & Progress.
		No.	Date.	From			Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.	Cash.	Stores.	Total.		
1		1115 Ry	3-9-98	C. C.	Revised Estimate for lighting Arkonam Station & yard by electricity	Arkonam	2,470	15,251 1230	21 30	656	11,670	12,326	3,218	500	3,718	44	-	44	30-6-99	Sanction for a reallocation of the estimate will be obtained ~~Chargeable to Revenue~~

H H L Prendergast.
Ag: Dst: Engr

Arkonam
26th September 1898

Madras R

Locomotive Dep

List of open Capital Sanctions f

Item number	Register Number	Sanction number	Date	From	Works	Locality	Sanctioned expenditure Cash	Stores	T.
1	5 M.R of 1893 3.M.R of 1897	450.R.S 3/A.R 102 R 55.R.S	20.12.93 8.1.94 24.1.96 13.2.97 27.1.97 2.2.97 28.1.98	G.I G.O M.O.M G.O M.O.M G.I M.O.M.	Gas making plant lamps and fittings	Revenue	20814	190442 14025	7 1
2	5 M.R of 1896	302 R.S 642 R	13.7.96 28.7.96 27.1.97 28.1.98	G.I G.O M.O.M M.O.M	Fitting automatic Vacuum brake gear to 10 Engines and 50 Carriages		6200	31060	3
3	4.M.R of 1897	361 R 191 R.S	20.8.97 5.5.97 28.1.98	G.O G.I M.O.M	2 Bogie composites 17 III^rd^ class carriages 2 III^rd^ class carriages with brakes + 2 ordinary Brake Vans		25425	101385	12
4		14.R	8.1.97 28.1.98	G.O M.O.M	Fitting automatic Vacuum brake gear to 4 Engines.		1200	3889	
5	5.M.R of 1897	391 R 213 R.S	5.6.97 22.8.97 28.1.98	G.O G.I M.O.M	Fitting automatic vacuum brake gear to 6 Engines and 200 Carriages		28184	92267	12
6		445 R	8.7.97 28.2.98 1.7.98	G.O M.O.M -	One planing machine		180	6090	6
7	7.M.R of 1897	814.R 398 R.S	13.10.97 4.10.97	G.O G.I	5. Bogie composites (I. II. III) and 5 - - III class carriages		35850	114180	15
8	6.M.R of 1897	1398 R.S 781.R	26.8.97 30.9.97	G.I G.O	46. III^rd^ class carriages		31510	164473	19
9		1382	14.5.98 1.7.98	Con.Eng M.O.M	New steam hammer		140	1830	
10		939.R	18.7.98	G.O	Converting Seven II^nd^ class carriages into composites		7665	9905	17
11		1133.R	13.9.98	G.O	6. Oil tank wagons		4620	19050	2
					Total				

Perambur Works
24th September 1898

Madras Railway

Locomotive Department

Open capital sanctions list for the quarter ending 30th September 1898

The following work have been completed since the submission of
and have accordingly been struck out of the list for quarter ending 30th ~~September~~ 31st December 1898

Item number	Register Number	Sanction			Works	Locality		anctioned penditure			Total expenditure as per auditors books as far as known up to July 98			Allotment for Current year 1898 - 99			Expenditure as per auditors book in current year against allotment			Date when Sanction closes	Remarks and Progress
		Number	Date	From				ash	Stores	Total	Cash	Stores	Total	Cash	Stores	Total	Cash	Stores	Total		
1	2 M.R of 1895	421R 4056 804.R	9-12-95 16-12-95 21-9-96 30-4-97 28-1-98 25-2-98 29-4-98	G.I Con. Eng G.O M.O.M " " "	Fitting automatic Vacuum brake gear to 10 Engines and 50 Carriages	✓		6,750	33,277	40,027	6,040	32,976	39,016	21	395	416	21	395	416	30-6-98	
2		136.R 949R	18-2-96 27-1-97 28-1-98 25-2-98 29-4-98 1-7-98 23-7-98	G.O M.O.M " " " " G.O	One bogie corridor composite carriage	✓		4319	17,110	21,429	4,240	17,158	21,398	472	1,040	1,512	472	1,040	1,512	31-12-98	~~Schedule for completion of this work has been~~ ~~and notified~~ Sanction for re-allocation will be obtained at the official meeting to be held on 18th October 1898
														493	1435	1928					
					Total																

Comparison of Quarterly List of Open Capital Sanctions ending 31st December 1898 with the Capital Budget grant for 1898 99

	Expenditure as per Auditors book in current year against allotment		
	Cash Rs	Stores Rs	Total Rs
Outlay during 1898-99 on Completed works in previous list	-	138	138
do as per this list	493	1,435	1,928
Allotment for works in progress	1,07,658	339,799	447,457
	108,151	341,372	449,523
Budget provision	182,805	785,270	968,075
Balance available for further allotment	74,654	443,898	518,552

Perambur Works
24th September 98

Offg. Chief Auditor

Major R.E.
Government Examiner of Railway Accounts

Locomotive Superintendent

for Agent & Manager

for Consulting Engineer for Railways

2 4517/98

Hm

V/b

MADRAS RAILWAY
27 SEP 1898
CHIEF AUDITOR'S OFFICE

ailway
artment
r the quarter ending 31st December 1898

	Total expenditure as per auditors books as far as known upto July 1898			Allotment for current year 1898 - 99			Expenditure as per auditors books in current year against allotment			Date when Sanction Lapses	Remarks and Progress
tal	Cash	Stores	Total	Cash	Stores	Total	Cash	Stores	Total		
256 028	20,274	155186 14025	175460 14025	669	29429	30098	234	1686	1920	31.12.98	
260	5001	30657	35658	840	430	1270	21	27	48	31.12.98	
910	19674	99131	118805	6483	4526	11009	813	2192	3005	31.12.98	
089	135	2337	2472	897	639	1536	-	-	-	31.12.98	
451	4161	48443	52604	22884	32267	55151	865	5361	6226	31.3.99	
270	-	-	-	180	6090	6270	-	-	-	31.12.98	
000	-	6	6	35850	114150	150000	-	6	6	31.3.99	Cost to be divided between G.I.P. & M. Railway
983	783	247	1030	30510	134473	164983	745	-	745	31.12.98	
670	83	165	248	140	1530	1670	83	165	248	31.12.98	
570	-	-	-	7665	9905	17570	-	-	-	31.3.99	
700	-	-	-	1540	6360	7900	-	-	-	31.12.99	
				107658	339799	447457					

C R Upp

Locomotive Superintendent