

Public Works (1896) Department.

RAILWAY BRANCH.

G.O., No. 42-3 R

DATED 11 "January"

[Despatch Abstract.]

Open Capital Sanctions

Ordered that the lists of — of the
Engineering, Locomotive & Traffic Departments,
Madras Railway for quarter ending 31st
March 1896 be forwarded to the Govt of India.

Idg. Pres. embodying the lists of — of
the Engineering, Locomotive & Traffic Dep'ts,
Madras Railway for quarter ending
31st March 1896.

G.O.	No.	Department.	Date.	G.O.	No. C	Department.	Date.
							6

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

From the Agent and Manager, Madras Railway, dated 30th December 1895, No. 20/1143-B.

MADRAS RAILWAY.

ENGINEERING DEPARTMENT.

List of Open Sanctions for the quarter ending 31st March 1896.

- (a) No works to be carried on 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 Committee at which the
 (c) Expenditure on capital works not in the list will not be passed unless formal sanction has been received during the quarter.

Register number and date.	Authority.	Works.	SANCTIONED EXPENDITURE.			EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 31st OCTOBER 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
1. S.M.R. of 1893.	G.I. No. 450 R.S., dated 20th Dec. 1893; G.O. No. 3 R., dated 8th Jan. 1894; M.O.M., dated 30th Aug. 1894; M.O.M., dated 30th May 1895.	Shed for making gas at Central Station ..	Rs. 2,128	Rs. 867	Rs. 2,995	Rs. 2,860	Rs. 2,032	Rs. 4,892	31st Dec. 1895.	Revised estimate will be submitted. Extension of time to 30th June 1896 will be applied for.
2. "	G.O. No. 34 R., dated 17th Jan. 1895; C.E. No. 518, dated 14th February 1895.	Ticket Printing office, &c., at Rayapet ..	6,562	2,364	7,926	4,115	3,894	8,009	31st Mar. 1896 ..	Rs. 58 sanctioned to Revenue.
3. "	C.E. No. 66, dated 9th January 1895; M.O.M., dated 29th Aug. 1895.	Piping, &c., required for supplying Red Hills water to the engines at Rayapet.	342	2,255	2,597	..	..	..	31st " "	..
4. "	C.E. No. 202, dated 23rd Aug. 1895.	Alterations and additions to the lines consequent on the Ennore Branch running into Rayapet.	63	1,417	1,480	..	..	..	31st " "	Rs. 243 do.
5. "	C.E. No. 3162, dated 6th October 1895.	Alterations and additions of sidings at Signal office at Rayapet.	446	2,684	3,030	..	..	..	30th June " "	Rs. 120 do.
6. "	C.E. No. 128, dated 12th January 1895.	House for Yard Inspector at Salt Colours ..	1,537	731	2,268	1,153	769	1,947	31st Mar. " "	..
7. "	C.E. No. 202, dated 10th July 1895.	Additional siding for Carriage Examiner at Salt Colours.	121	1,064	1,186	132	834	966	31st " "	..
8. "	G.O. No. 2153 R., dated 14th Sept. 1895; M.O.M., dated 20th Jan. 1896; M.O.M., dated 10th Dec. 1894; M.O.M., dated 29th Aug. 1895.	Assistant Locomotive Superintendent's bungalow at Perambur.	6,842	4,164	11,006	6,010	4,247	10,257	30th June " "	..
9. "	G.O. No. 129 R., dated 2nd March 1896.	Church at Perambur ..	6,931	1,809	7,640	1,258	608	1,896	31st Mar. " "	Rs. 2,446 chargeable to public contribution.
10. "	G.O. No. 363 R., dated 21st May 1895.	First Assistant Locomotive Superintendent's bungalow at Perambur.	4,794	3,404	8,198	..	..	..	30th June " "	..
11. "	C.E. No. 2448, dated 20th July 1895.	Shed for storage of carriages iron work contingents to carriage iron stores at Perambur.	1,311	2,656	4,006	..	..	..	31st Mar. " "	..
12. "	G.O. No. 640 R., dated 22nd Aug. 1895.	Additional room to the Institute at Perambur.	4,696	2,785	7,481	..	..	..	30th Sept. " "	Rs. 241 sanctioned to Revenue.

No. 42 R., 11th JANUARY 1896.

No. 42 R., 11th JANUARY 1896.

13. "	G.O. No. 444 R., dated 4th September 1895.	Extension of line across tank into timber yard at Perambur.	7,068	3,494	11,452	6,734	369	7,093	31st Mar. " "	Rs. 157 do.
14. "	G.O. No. 23 R., dated 17th January 1895.	Alterations, &c., at Washermanpet station and extension of Ennore branch to Ittappuram.	9,959	12,601	22,480	8,269	13,235	21,494	31st " "	Rs. 640 do.
15. "	G.O. No. 311 M., dated 6th May 1895.	Through siding at Washermanpet station ..	2,879	7,191	11,070	2,086	2,508	4,594	30th June " "	Rs. 21 do.
16. "	C.E. No. 3654, dated 18th November 1895.	Station-house, &c., at Manur ..	2,912	1,217	4,119	..	..	..	31st Dec. " "	..
17. "	C.E. No. 2057, dated 1st July 1895.	Platform on the upline at Musur ..	1,969	1,325	3,304	633	944	1,577	31st Mar. " "	..
18. "	G.O. No. 470 R., dated 6th September 1895.	Four bungalows for Upper Subordinates at Arkonam.	9,368	4,368	13,736	10,178	8,939	19,017	30th Sept. 1895 ..	Revised estimate has been submitted for sanction. Rs. 90 sanctioned to Revenue.
19. "	C.E. No. 1070, dated 27th March 1895; M.O.M., dated 29th August 1895; M.O.M., dated 30th Jan. 1896; M.O.M., dated 30th November 1895.	Well, &c., for supplying water for Soda water factory and station-house at Arkonam.	987	969	1,956	579	476	854	31st Mar. 1896 ..	..
20. "	C.E. No. 2083, dated 20th September 1895.	Erection of a cast iron tank at Arkonam ..	120	952	1,072	..	..	..	31st " "	..
21. "	C.E. No. 2728, dated 27th August 1895.	Six houses for subordinate staff at Arcot ..	806	429	1,234	..	..	..	31st " "	..
22. "	C.E. No. 3610, dated 15th November 1895.	Station-house, &c., at Vinnamungalam ..	2,182	1,686	3,768	..	..	..	31st Dec. " "	..
23. S.M.R. of 1894.	G.I. No. 91 R.O., dated 30th Jan. 1894; G.O. No. 81 R., dated 6th February 1894; M.O.M., dated 29th August 1895.	Alterations and additions to Bangalore City station.	83,491	69,439	1,43,330	90,829	60,407	1,51,326	31st Mar. 1896 ..	Rs. 32,833 sanctioned to Revenue.
24. S.M.R. of 1894.	G.I. No. 719 R.O., dated 31st July 1894; G.O. No. 438 R., dated 15th August 1894; M.O.M., dated 27th February 1895; C.E. No. 199, dated 19th January 1895.	Alterations and additions consequent on the junction of Kolar Gird' Fields Railway with Madras Railway at Kolar road.	30,793	41,518	78,311	31,827	92,116	63,743	31st Dec. 1895 ..	Extension of time to 31st March 1896 will be applied for. Rs. 11,034 sanctioned to Revenue.
25. "	G.O. No. 494 R., dated 3rd August 1895.	Through siding, &c., at Bannatham ..	2,481	6,209	8,783	408	138	546	30th June 1896 ..	Rs. 356 sanctioned to Revenue.
26. "	G.O. No. 527 R., dated 20th August 1895.	Station-house at Gudupalli ..	4,659	1,611	6,070	260	1,209	1,469	30th Sept. " "	..
27. "	C.E. No. 1667, dated 21th May 1895; M.O.M., dated 30th November 1895.	Booking office and 3rd-class waiting room, &c., at Madur.	997	269	1,266	35	120	145	31st Mar. " "	Rs. 802 do.
28. "	C.E. No. 2124, dated 4th July 1895.	Ten houses for Native Firemen and Artisans at Jalapet.	2,266	791	3,057	1,354	924	2,278	30th Sept. " "	..
29. "	C.E. No. 2140, dated 6th July 1895.	One block of four houses for Europeans and Eurasian Firemen at Jalapet.	2,959	1,612	4,471	1,047	1,267	2,404	30th Sept. " "	..
30. "	C.E. No. 2961, dated 19th September 1895.	Travelling Auditor's bungalow at Jalapet ..	2,035	932	2,967	..	..	..	30th " "	..
31. "	C.E. No. 3082, dated 1st Oct. 1895.	Double bungalow for family guards at Jalapet.	2,238	1,238	4,521	..	..	..	31st Dec. " "	..
32. "	C.E. No. 3353, dated 23rd October 1895.	Taking up 45 feet engine turn-table at Tiruvallur, knuckling it to 48 feet and fixing the same at Jalapet station (including siding).	816	1,605	2,420	..	..	..	30th June " "	Rs. 1,246 sanctioned to Revenue.

List of Open Sanctions for the quarter ending 31st March 1896—cont.

No. 42 R., 11TH JANUARY 1896.

Register number and date.	Authority.	Works.	SANCTIONED EXPENDITURE.			EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 31st OCTOBER 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
35.	G.O. No. 134 R., dated 6th March 1895.	Through siding, &c., at crossing station at 180½ miles, south-west line.	Rs. 4,338	Rs. 8,677	Rs. 12,915	Rs. 6,121	Rs. 2,231	Rs. 7,352	31st Mar. 1896 ..	Extension of time to 31st March 1896 will be applied for. Rs. 1,401 sanctioned to Revenue.
36.	G.O. No. 2676 R., dated 11th Nov. 1895; M.O.M., dated 1st Dec. 1895; S.O.M., dated 26th June 1896; M.O.M., dated 10th Dec. 1896; M.O.M., dated 27th March 1896; M.O.M., dated 27th June 1896.	Alterations and additions consequent on the junction arrangements of Nilgiri Railway with Madras Railway at Mettupalayam station.	14,972	7,791	22,763	12,646	3,653	16,229	31st Dec. 1896 ..	
37.	G.O. No. 557 R., dated 29th August 1895.	Watering arrangements at Poddanr (from Noyel river).	1,705	6,113	7,818	978	5,444	6,422	31st March 1896 ..	
38.	G.E. No. 8616, dated 13th November 1895.	Emergency stock shed, &c., at Poddanr ..	893	1,381	1,776	..	..	..	30th June ..	Rs. 267 sanctioned to Revenue. do.
39.	C.E. No. 3604, dated 3rd December 1895.	Converting Locomotive Workshops into running drivers' quarters at Poddanr.	1,028	766	1,794	..	..	..	30th ..	Rs. 203 do.
40.	C.E. No. 3955, dated 9th Dec. 1895.	Double bungalow for family guards at Poddanr.	2,990	1,459	4,449	..	..	..	31st Dec. ..	do.
41.	C.E. No. 3178, dated 9th October 1895.	Assistant Station-master's house at Walayar..	689	470	1,159	..	..	..	30th June ..	Rs. 52 do.
42.	C.E. No. 3416, dated 2nd Nov. 1895; C.E. No. 3280, dated 16th October 1895.	Four houses for subordinate staff at Katti-Puram.	772	570	1,342	771	570	1,341	31st Mar. ..	..
43.	G.O. No. 403 R., dated 12th June 1895; G.O. No. 516 R., dated 11th Aug. 1895; C.E. No. 3273, dated 15th July 1895; M.O.M., dated 26th November 1895.	Twenty-five houses for subordinate staff of Traffic Department, south-west line.	4,584	2,396	6,980	2,038	2,750	4,838	31st ..	Extension of time to 31st March 1896 was sanctioned for the houses at Morempur, Devanahundi and Whitefield only.
44.	G.O. No. 453 R., dated 8th July 1895.	Six houses for Native Assistant Station-masters, south-west and north-west lines.	2,730	2,186	5,916	946	2,342	3,238	31st Mar. 1896.	..
45.	G.O. No. 894 R., dated 19th Oct. 1895.	Alterations of distant signals, south-west and north-west lines.	2,877	2,603	5,480	..	..	..	30th June ..	..
46.	C.E. No. 3265, dated 16th Oct. 1895.	Train protecting bars at Tirutani ..	126	1,033	1,159	..	..	..	30th ..	..
47.	G.O. No. 18 R., dated 19th Jan. 1896; M.O.M., dated 26th July 1896; M.O.M., dated 30th May 1896; G.O. No. 522 R., dated 15th Aug. 1895.	Interlocking points and signals at Nagari ..	115	9,177	9,292	..	6,056	6,055	31st Mar. ..	Rs. 132 sanctioned to Revenue.

No. 42 R., 11TH JANUARY 1896.

48.	C.E. No. 98, dated 11th Jan. 1896; M.O.M., dated 26th July 1896; M.O.M., dated 30th May 1896.	Signals and interlocking apparatus at Putter..	111	3,057	3,168	433	1,599	2,032	31st Dec. 1895 ..	Extension of time to 31st March 1896 will be applied for. Rs. 132 sanctioned to Revenue.
49.	C.E. No. 167, dated 17th May 1896.	Interlocking points and signals at Mamandur.	87	2,190	2,247	36	1,801	1,927	31st ..	Rs. 296 sanctioned to Revenue. Extension of time to 31st March 1896 will be applied for. Conveying sanction for work to be put in hand, pending the settlement of allocation between revenue and capital.
50.	G.I. No. 1426 R.C., dated 10th Nov. 1895; C.E. No. 4025, dated 13th December 1895.	Mamandur Station works ..	..	..	..	..	..	..		A sum of Rs. 6,656 has been credited to Capital on account of cost of dismantled buildings at Cuddalore which are replaced by this building. Rs. 701 sanctioned to Revenue. do.
51.	G.O. No. 40 R., dated 24th Jan. 1896; C.E. No. 1482, dated 2nd May 1896.	Double block of bagelows for European and Eurasian drivers at Uooty.	4,565	1,437	6,002	3,663	1,582	5,245	31st March 1896 ..	..
52.	C.E. No. 3709, dated 26th August 1895.	Alterations and additions to station-house at Uooty.	612	60	672	109	41	210	31st ..	..
53.	C.E. No. 2839, dated 9th Sept. 1895.	Additions to school-house at Uooty ..	599	689	1,261	12	73	95	31st ..	..
54.	C.E. No. 3416, dated 10th Dec. 1895.	Institute at Baichur ..	1,286	1,920	3,105	632	1,823	2,455	31st Dec. 1895.	..
55.	G.I. No. 3048 R., dated 11th Dec. 1875; G.O. No. 17 R., dated 4th Jan. 1876.	Laying new permanent-way over girder bridge, &c., south-west line.	8,115	2,16,284	2,34,399	2,961	1,00,655	1,03,616	In abeyance ..	Rs. 1,103 sanctioned to Revenue. Extension of time to 31st March 1896 will be applied for. Rs. 1,40,208 sanctioned to Revenue.
56.	Do. do. ..	Laying new permanent-way over girder bridges, &c., north-west line.	9,659	2,06,302	2,15,961	9,637	2,78,787	2,88,424	Do. ..	Rs. 2,06,067 do.

MADRAS, 24th December 1895.

(Signed) F. DUNSTERVILLE, Chief Auditor. (Signed) E. A. WALLER, Major, R.E., Govt. Exr. of Railway Accounts. (Signed) J. M. EWING, for Chief Engineer.

(Signed) F. D. FOWLER, for Consulting Engineer for Railways. (Signed) A. EDWARDS, for Agent and Manager.

LOCOMOTIVE DEPARTMENT.
List of Open Capital Sanctions for the quarter ending 31st March 1896.

Register number and date.	Authority.	Works.	SANCTIONED EXPENDITURE.			EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 31st OCTOBER 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
1. 7 M.R. of 1890.	G.I. No. 840 R.C., dated 10th September 1890; G.O. No. 1816 R., dated 17th October 1890; G.O. No. 1815 R.C., dated 3rd December 1890.	Furnishing additional screw-couplings to vehicles.	..	..	..	..	..	..	..	..
2. 6 M.R. of 1893.	G.I. No. 450 R.S., dated 20th December 1893; G.O. No. 2 R., dated 8th January 1894.	2,230 screw-couplings 1,200 centre chains One-making plant, lamp and fittings ..	16,376 1,060 12,469	23,384 6,900 1,41,380	38,760 7,950 1,43,749	12,431 1,023 6,018	19,499 6,061 7,000	31,930 7,084 12,018	31st March 1896. .. 31st Dec. 1895	 * Rs. 14,028 sanctioned to Revenue.
3. ..	G.O. No. 866 R., dated 20th October 1894; M.O.M., dated 27th February 1896.	Two composites	4,422	9,284	13,706	..	..	..	31st ..	..
4. 6 M.R. of 1894.	G.I. No. 417 R.S., dated 2nd December 1894; G.O. No. 882 R., dated 11th December 1894; M.O.M., dated 27th February 1896.	Fitting automatic vacuum brake-gear for fifteen engines and fifty carriages.	2,000	32,368	41,368	..	..	..	31st ..	..
5. ..	G.O. No. 306 R., dated 31st May 1895; Consulting Engineer's letter No. 2425, dated 26th July 1895.	Two tank wagons for conveying oil, 16 tons.	1,640	6,360	7,900	610	1,556	2,066	31st March 1896.	..
6. ..	G.O. No. 811 R., dated 9th August 1895; Consulting Engineer's letter No. 9741, dated 22nd November 1895.	Two trucks for carrying gas-holders ..	420	2,660	3,080	190	871	1,061	31st ..	..
7. ..	G.O. No. 811 R., dated 9th August 1895; Consulting Engineer's letter No. 9741, dated 22nd November 1895.	Fitting automatic vacuum brake-gear for six engines and tenders.	300	8,660	8,960	..	2,048	2,048	30th June ..	..
8. ..	G.O. No. 811 R., dated 9th August 1895; Consulting Engineer's letter No. 9741, dated 22nd November 1895.	One support wagon for 16-ton travelling crane.	60	1,145	1,205	..	..	..	31st March ..	..
9. 3 M.R. of 1895.	Government of India, No. 421 R.S., dated 9th December 1895, and Consulting Engineer's letter No. 4066 of 16th December 1895.	Fitting automatic vacuum brake-gear for ten engines and fifty carriages.	6,200	31,060	37,260	..	..	..	31st .. 1897.	..
10. ..	Consulting Engineer's letter No. 8430 of 30th October 1895.	Supplying steam landing-gear to certain engines.	120	1,054	1,174	..	..	..	31st Dec. 1896.	..

* Application has been made for extension of date of lapse of sanction.

PERAMBUR WORKS, 20th December 1895. (Signed) F. DUNSTERVILLE, Chief Auditor. (Signed) E. A. WALLER, Major, R.E., Govt. Exr. of Railway Accounts. (Signed) C. E. PHIPPS, Locomotive Superintendent. (Signed) A. EDWARDS, for Agent and Manager.

No. 42 R., 11th JANUARY 1896.

TELEGRAPH DEPARTMENT.
List of Open Sanctions for the quarter ending 31st March 1896.

Register number and date.	Authority.	Works.	SANCTIONED EXPENDITURE.			EXPENDITURE AS PER AUDITOR'S BOOKS UP TO 31st OCTOBER 1895.			Date on which sanction closes.	Remarks.
			Cash.	Stores.	Total.	Cash.	Stores.	Total.		
1. 6 M.R. of 1895.	G.I. No. 619 R.C., dated 9th July 1895; G.O. No. 798 R., dated 26th July 1895; M.O.M., dated 25th July 1895.	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.	64,943	1,01,816	1,66,761	61,071	97,780	1,58,851	30th Sept. 1896.	..
2. ..	G.I. No. 1616 R.C., dated 3rd December 1895; M.O.M., dated 11th Feb. 1896.	Single needle instruments, batteries, &c., for trial and additional stations.	4,122	3,688	7,710	1,304	1,631	2,935	31st Mar. ..	..
3. ..	G.O. No. 429 R., dated 15th Aug. 1894.	Lighting the Arakonam station and yard by electricity.	2,930	12,170	16,000	..	..	..	30th Sept. ..	Rs. 1,230 sanctioned to Revenue.

ARAKONAM, 21st December 1895. (Signed) F. DUNSTERVILLE, Chief Auditor. (Signed) E. A. WALLER, Major, R.E., Govt. Examiner of Railway Accounts. (Signed) G. K. WINTERS, Telegraph Engineer. (Signed) A. EDWARDS, for Agent and Manager.

No. 42 R., 11th JANUARY 1896.

ORDER—No. 42 R., dated 11th January 1896.

Ordered that the lists of open capital sanctions of the Engineering, Locomotive and Traffic Departments, Madras Railway, for the quarter ending 31st March 1896, be forwarded to the Government of India.

2. All cases of excesses over estimates are receiving attention.

[Here enter No. 43 R., dated 11th January 1896.]

(True Extract.)

(Signed) F. R. UPCOTT,
Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Agent and Manager, Madras Railway.
,, Examiner, Railway Accounts, Madras.

ENDORSEMENT—No. 43 R., dated 11th January 1896.

Forwarded.

(By order.)

Joint Secy. to Govt., P.W.D.,
Railway Branch.

N. 42. dated 11.1.96
 LIC WORKS DEPARTMENT,
 RAILWAY BRANCH.

RAILWAY.

Govt. of {1896} Madras.
 PUBLIC WORKS.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

Dated January, 11th.

Recd.

Encl.

G.O. Nos. 42, 43 R., 11th Jan.
 1896.

JANUARY.

Open Capital Sanctions

Forwarding Proceedings embodying the
 lists of — of the Engineering, Locomotive
 and Traffic Departments, Madras Railway,
 for quarter ending 31st March 1896.

Letter from the Agent
 and Manager Madras Ry } H. S. R. 20 7 30 Dec 1895
 1143

Ordered that the lists
 of Open Capital Sanctions
 of Engineering, Locomotive
 and Traffic Departments
 Madras Railway for the
 quarter ending 31st March
 1896 be forwarded to the
 Secy of India.

2. All cases of accounts
 and estimates are receiving
 attention.

To The Agent & Manager M.R.
 Examined by the Audit Commission

H. S. R. 43. R. 7 11th Jan / 96

Forwarded.

DR
 11-1-96

A/.

A. № $\frac{42}{43}$ D. date 11.1.96