M R O 1—77,000—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public works **DEPARTMENT.**

G.O. No.		
277, 278, 279	1953-54	Press / Mis.
Dated	16-8-	1872.

Not to be folded or roughly handled

No. 277. Read the following letter from the Consulting Engineer for Railways, to the Secretary to Government, Public Works Department, dated Madras, 1st August 1872, No. 401 —

With reference to G. O No 1,365, dated 31st May 1872, I have the honour to submit, for the quarter ending 30th September 1872, a list of sanctions under Capital now in force on the Madras Railway affecting the Engineering and Locomotive Departments.

MADRAS RAILWAY COMPANY

List of open sanctions for the quarter ending 30th September 1872.

Bills for Works closed on the 30th June will be passed up to 30th September only, but no work must be done after 30th June

N B —Expenditure incurred on works not in this List will not be passed unless formal sanction has been previously obtained

Register No and date	Authority	Works	Sanctioned Expenditure			Expenditure as per Auditor's books up to 30th June			Date on which sanction closes.
			Indian	English	Total	Indian	English	Total	
			Rs	Rs	Rs	Rs	Rs	Rs	
	G O, No 2,192, 22nd July 1867. G O, No 1,163, 17th April 1868 G O, No 3,189, 2nd October 1869	Madras Central Station	....	. .	9,20,755			7,82,693	Two years after date of opening to traffic
	G O, No 1,602, 15th June 1871	Extending the north-east boundary wall at the Madras Central Station	9,504		9,504	7,980	.	7,980	30th Sept 1872
	G. O, No 1,635, 18th May 1869	Extension of engine erecting and boilers shop at Perambore	83,650	30,872	1,14,522	76,006	18,483	94,489	Do
	G O, No 3,007, 23rd Sept 1868, and G O, No 91, 13th Jan 1871	Locomotive requirements at Perambore	37,326	51,045	88,371	21,956	28,279	50,235	Do
	G O, No 952, 11th April 1872	Additional watering arrangements at Bangalore	5,147	2,769	7,916	1,200	2,184	3,384	Do
	G O, No 1,644, 19th June 1871	Renewing the line between Avanashy and Muddikerry with non pot sleepers		1,38,015	*1,38,045	...	36,519	36,519	Impossible to name a date Wooden sleepers replaced by non when required

* Rupees 3,82,226 sanctioned to Revenue

Bills for Works closed on the 30th June will be passed up to 30th September only, but no work must be done after 30th June —(Continued)

Register No and date	Authority.	Works	Sanctioned Expenditure			Expenditure as per Auditor's books up to 30th June			Date on which sanction closes
			Indian.	English	Total	Indian	English	Total	
			Rs	Rs	Rs	Rs	Rs.	Rs.	
	G O, No 2,911, 16th Nov. 1871	Bridge over the Huggry river ...	2,68,058	3,19,700	5,87,758	1,10,359	2,59,310	3,69,669	Cannot fix a date until I am informed when cylinders may be expected
	Cons Engr 's letter, No 782, 19th Dec. 1871	Sub-Inspector's bungalow at Auspree station	2,557	.	2,557	359	.....	359	30th Sept 1872.
	G O, No 519, 26th February 1872	Re-construct ng bridge at 286 miles, 14 telegraph posts, Bellary Branch	8,421	7,079	*15,500	7,193	89	7,282	30th June 1873.
	Cons Engr.'s letter, No 218, 26th March 1872	Additional watering arrangements at Goondacul station	1,603	380	1,983	762	203	965	30th Sept 1872.
	Cons Engr 's letter, No 343, 8th May 1872	Rest-house and urinals at Goondacul .	1,596	..	1,596	..	.	.	Land for rest-house not yet made over. Six months after date of receiving possession of land
	Cons Engr 's letter, No 218, 26th March 1872	Dwelling houses for Native staff, Traffic Department at Goondacul.	2,772	.. ..	2,772	1,372	. ..	1,372	30th Spet. 1872.
	Do. do. .	Do for Pointsmen and Porters at Raichore	3,220	... ..	3,220	.. .	.....	. ...	31st March 1873
	Do do ..	Weigh bridge at Bellary station .	1,426	1,686	3,112	.... .	. ....	. . ..	31st December 1872.
	Do. do ..	Do Office do .	254	. ...	254	... ..	.....	.....	Do
	Do letter No 249, 11th April 1872	Additional godown for stores at Raichore station Refreshment room.	544	.....	544	. ..	.... .	... ..	30th Sept. 1872.
	G O, No 1,091, 29th April 1872	Watchmen's huts on the 3rd Division, North-West Line	10,260	.....	10,260	.....	.....	.....	30th June 1873.
	Cons Engr.'s letter, No 489, 28th June 1872	Store-room for Carriage Examiners at the new Central Station.	1,670	.....	1,670	.....	. ....	.. ...	31st December 1872.
	Cons Engr 's letter, No 484, 24th Oct 1866	*Electric Telegraph Department* Altering the double needle into single needle instruments South-West Line	... .	..	9,986	..	..	6,678	30th Sept 1872
	Do .	Do do North-West Line .	. .	..	3,981	. .	. .	1,071	Do
	Do letter No 70, 27th Jan. 1871	Maintenance of Telegraph for two years from Ghooty to Toongabudra	2,097	2,330	4,427	1,082	421	1,503	12th December 1872
	Do letter No 267, 27th April 1871	Do do from Goondacul to Bellary and from Toongabudra river to Raichore.	2,257	2,690	4,947	723	448	1,171	15th March 1873
	Do letter No 249, 11th April 1872.	Fixing ten lightning conductors at Bellary station	443	586	1,029	... .	52	52	31st December 1872.
	Do. . .	Fixing eight do do at Raichore Station	414	461	875	... ..	52	52	Do.
	Sanctioned Construction Estimates	*North-West Line* District No 11, Section I	.		8,80,238	..	. . .	5,67,567	Two years after date of opening to traffic, namely — Gooty to Toongabuddra, 12th Dec 1872. Goondacul to Veerapoor, 16th Jan 1873. Veerapoor to Bellary, 1st March 1873 Toongabuddra to Raichore, 15th March 1873
		Do No 11, do II ..	.		10,08,689	..	.	6,71,234	
		Goondacul Station	... ..	... .	1,52,304	.	.	1,37,467	
		District No 12, Section I . .	..	.. . .	11,72,382	...	...	10,09,720	
		Do No 12, do II .	.....	... ..	70,217	...	..	56,607	
		Veerapore Station		. .	7,78,146		..	7,23,369	
		District No. 13 .. .		....	5,19,040	...		4,69,283	
		Bellary Station . .	. .	. . .	9,03,577	. .	. . .	7,85,740	
		District No 14		..	72,788		... .	44,386	
		Nuncherla Station	. .	.....	8,77,827	. ..	.....	7,32,214	
		District No 15 ...	..	.. ...	97,476	. ...	....	48,206	
		Auspree Station .. .	..	...	9,37,799	.	.. .	7,39,131	
		District No 16 .		.	8,80,471	.....		7,68,482	
		Do. No 17			1,26,707		.	92,602	
		Adony Station	.	.	9,59,568			8,74,721	
		District No 18 .			1,29,897	.		87,377	
		Kosgee Station		.	14,71,384	..		13,44,993	
		District No. 19	..	...	13,21,624		.	10,55,156	
		Do No. 20	.	.	82,756			68,148	
		Mutmurri Station							
		Raichore do	3,06,169	1,53,221	4,59,390	2,34,473	1,45,503	3,79,976	

* Rupees 8,087 sanctioned to Revenue

Bills for Works closed on the 30th June will be passed up to 30th September only, but no work must be done after 30th June.—(Concluded)

Register No and date.	Authority	Works	Sanctioned Expenditure.			Expenditure as per Auditor's books up to 30th June			Date on which sanction closes.
			Indian	English	Total	Indian	English	Total.	
		Neilgherry Branch	Rs.	Rs	Rs.	Rs	Rs.	Rs	
	G O, No. 355, 6th Feb 1872	Neilgherry Branch line . .	10,96,253	7,59,549	18,55,802	4,54,747	6,26,150	10,80,897	Two years after date of opening to Traffic.
	G O, No 3,044, 1st Dec 1871	Pothanore Station	24,248	28,467	52,715	85	12	97	
	G O, No. 3,044, 1st Dec 1871, and Cons Engr's letter, No 475, 24th June 1872	Coimbatore do	67,987	42,472	1,10,459	438	17	455	
	G O, No 772, 18th March 1872	Karamady do	18,790	9,926	28,716	6,825	2,220	9,045	
	G O, No 1,605, 15th June 1871.	Tudialore do.	12,061	7,171	19,232	5,324	390	5,714	

(Signed) F CHURCH,
Chief Auditor.
(Signed) C. M. MOBERLY, Captain,
Examiner of Railway Accounts.

(Signed) B ANDERSON,
Chief Engineer.
(Signed) R B ELWIN,
Agent and Manager

MADRAS,
22nd July 1872.

MADRAS RAILWAY, LOCOMOTIVE DEPARTMENT

List of open sanctions for the quarter ending 30th September 1872

Register No and Date	Authority.	Works	Sanctioned Expenditure.			Expenditure as per Auditor's books up to 30th April 1872.			Date on which sanction closes	Remarks.
			Indian	English.	Total	Indian	English	Total		
			Rs	Rs	Rs	Rs	Rs.	Rs.		
	G. O, No 779, of 12th March 1870	290 Second-class composites and third-class carriages, sun-shades . . .	14,640	20,560	35,200	10,568	10,663	21,231	31st March 1873	Commenced.
	G O, No 3,066, of 29th Sept 1868, and 401 of 8th February 1869.	2,890 Waggons-fitting axle box keeps (oil) ...	17,130	37,570	54,700	5,330	12,965	18,295	Do.	Do.
	G. O, No 3,004, of 12th Dec. 1870.	10 Horse boxes	12,916	34,714	47,630	8,655	24,152	32,807	Do.	Do
	Do .	50 Coke waggons to be converted into covered goods.	8,250	26,000	34,250	493	242	735	Do	Do
	G O, No 1,747, of 30th June 1871.	10 Night composite carriages*	15,186	34,314	49,500	3,526	12,509	16,035	Do.	Do
	G O, No 2,447, of 25th Sept 1871.	6 Goods brake vans ...	8,870	16,130	25,000	...			Do.	Not commenced
	G O, No 3,004, of 12th Dec. 1870	292 Open sided waggons to be converted into high sided open goods waggons	26,039	64,878	90,917	.... .	.... .	. ...	Do	Do.
	G. O, No 272, of 22nd Jan 1870.	2 Open sided goods waggons to be converted into fire engine trucks ...	117	483	600	...	...	... ..	Do	Do

* Sanction was applied for in May 1872 for an increase in the expenditure on the construction of these carriages, from Rupees 15,186, Indian outlay, and Rupees 34,314, English outlay, to Rupees 20,300 and Rupees 39,900 respectively.

5th July 1872.

(Signed) W B WRIGHT,
Locomotive Superintendent.

(Signed) R. B. ELWIN,
Agent and Manager

Proceedings of the Madras Government, Public Works Department, 16th August 1872.

No. 278. ORDER THEREON, 16th August 1872, No. 1,953.

RAILWAY, No. 41.

ORDERED that the list submitted with this letter be forwarded to the Government of India, with reference to their Proceedings, No. 656-A. R., dated 10th May 1872.

(True Extract)

(Signed) G. W. WALKER, Colonel, R.E.,
Secretary to Government.

No. 279. (DOCKET No. 1,954, dated 16th August 1872.)

COPY of the above forwarded to the Government of India.

(True Extract.)

Colonel, R E.,
Secretary to Government.

MISCELLANEOUS No. 5703

REVENUE DEPARTMENT.

7

Sanctioned Construction Estimates

Authority	Works	Sanctioned Expenditure: Indian	English	Totals	Expenditure as per Auditors Books up to 30th June: Indian	English	Totals	Date for which Sanction Closes	Remarks.
Cons. Engrs letter No 218 dd 26th March 1872	Dwelling Houses for Native Staff. Traffic Depart. at Goondasul	2772	"	2772	1372	"	1372	30th Sept. 1872	
do	Dwelling Houses for Pointsmen and Porters at Raichore	3220	"	3220	"	"	"	31st March 1873	
do	High Bridge at Bellary Station	1426	1686	3112	"	"	"	31st Decr. 1872	
do	High Bridge Office do	254	"	254	"	"	"	do	
Cons. Engrs Letter No 249 dd 11th April 1872	Additional Godown for Stores at Raichore Station Refreshment Room	544	"	544	"	"	"	30th Sept. 1872	
C. Ltr 1091 dd 29th April 1872	Watchmens Huts on the 3rd Division at Yadiki	10,260	"	10,260	"	"	"	30th June 1873	
Cons. Engrs Letter No 489 dd 28th June 1872	Store room for Carriage Examiner at the New Central Station	1670	"	1670	"	"	"	31st Decr. 1872	
	Electric Telegraph Department.								
C.E. Letter No 4844 dd 24th October 1866	Altering the double needle into single needle instruments. S. W. Line	"	"	9986	"	"	6678	30th Sept. 1872	
do	do do do S. W. Line	"	"	3981	"	"	1071	do	
Cons. Engrs Letter No 70 dd 27th Jany 1871	Maintenance of Telegraph for two years from Guty to Goongabeeda	2097	2330	4427	1082	421	1503	12th Decr. 1872	
Cons. Engrs Letter No 264 dd 27th April 1871	Maintenance of Telegraph for two years from Goondacul to Bellary and from Goongabeeda river to Raichore	2257	2690	4947	723	1448	1171	15th March 1873	
Cons. Engrs Letters No 249 dd 11th April 1872	Fixing Iron Lightning Conductors at Bellary Station	443	586	1029	"	52	52	31st Decr. 1872	
do	Fixing Light Lightning Conductors at Raichore Station	414	461	875	"	52	52	do	
	North West Line.								
	District No 11. Section I	"	"	880.238	"	"	567.567		
	do " 11 " II	"	"	1008.689	"	"	671.234		
	Goondacul Station	"	"	152.304	"	"	137.467		
	District No 12 Section I	"	"	1172.382	"	"	1009.720		
	do " 12 " II	"	"	70.247	"	"	56.607		
	Veerapoor Station	"	"	778.146	"	"	~~736.044~~ 723.389		
	District No 13	"	"	579.040	"	"	469.283		
	Bellary Station	"	"	903.577	"	"	785.740		
	District No 14	"	"	72.788	"	"	44.386		
	Nuncherla Station	"	"	877.827	"	"	732.211		
	District No 15	"	"	97.476	"	"	48.206		
	Anuspur Station	"	"	937.799	"	"	739.131		
	District No 16	"	"	880.471	"	"	768.482		
	do " 17	"	"	126.707	"	"	92.602		
	Adoni Station	"	"	959.568	"	"	874.721		
	District No 18	"	"	129.877	"	"	87.377		
	Hosgeri Station	"	"	1471.384	"	"	1314.993		
	District No 19	"	"	1321.624	"	"	1055.156		
	do " 20	"	"	82.756	"	"	68.148		
	Mulmurri Station	306 ~~264~~ 169	153. ~~709~~ 221	459.390	234.473	145.503	379.976		
	Raichore Station								

Date for which Sanction Closes:
Certificate to Goongabeeda - 12th December 1872
Goondacul to Veerapoor - 16th January 1873.
Veerapoor to Bellary - 8th March 1873
Goongabeeda to Raichore - 15th March 1873

Two years after date of opening to traffic

Date	Authority	Works	Sanctioned Expenditure			Expenditure as per Auditors Books up to 30th June			Date on which Sanction closes	Remarks
			Indian	English	Total	Indian	English	Total		
		Neilgherry Branch								
	G.O. no 355 dd 6th Feby. 1872	Neilgherry Branch Line	10,96,253	759,549	18,55,802	11,54,747	626,150	10,80,897		
	G.O. no 1044 dd 1st Decr. 1871 & P. no 3044 dd 14th Decr 1871	Pykarnore Station	24,248	28,467	52,715	85	12	97	Two years after date of opening to Traffic	
	Com. Engr Letter No 475 dd 24th June 1872	Coimbatore Station	67,987	42,472	110,459	1138	17	1155		
	G.O. no 1148 dd 11th March 1872	Karaunady Station	18,790	9926	28,716	6825	2220	9045		
	G.O. no 1015 dd 15th June 1871	Tudialore Station	12,061	7171	19,232	5324	390	5714		

Madras Railway
Chief Engineers Office
22nd July 1872

Chief Engineer

Chief Auditor

Examiner of Railway Apts.

Agent and Manager.

Rec'd 24th July 1872.

List of open Sanctions — Madras Railway Company

For the quarter ending 30th September 1872

13

Bills for Works closed on the 30th June will be passed up to 30th September only, but no work must be done after 30th June.

N.B.— Expenditure incurred on works not in this list will not be passed unless formal sanction has been previously obtained

Date	Authority	Works	Sanctioned Expenditure			Expenditure as per Auditors Books up to 30th June			Date on which Sanction closes	Remarks
			Indian	English	Total	Indian	English	Total		
	G.O. no 2192 dd 22nd July 1867 & no 1163 dd 17th April 1868 & no 1838 dd 12th Oct 1869 & no 2[illegible] dd [illegible] 1869	Madras Central Station	"	"	9,20,755	"	"	782,693	Two years after date of opening to Traffic	
	G.O. no 1015 dd 15th June 1871	Extending the north east boundary wall at the Madras Central Station	504	"	9504	7980	"	7980	30th Sept 1872	
	G.O. no 1148 dd 11th May 1869	Extension of Engine erecting and boilers shop at Perambore	58,650	30,872	1,14,522	76,006	18,483	94,489	do	
	G.O. no 2007 dd 23rd Sept. 1868 and G.O. no 113 dd 13th January 1871 & Com. Engr Letter No 952 dd 11th April 1872	Locomotive Requirement at Perambore	52,326	51,045	88,371	21,956	28,279	50,235	do	
	G.O. no 1179 dd 2nd June 1871	Additional Watering Arrangements at Bangalore	5147	2769	7,916	1200	2184	3384	do	
		Renewing the Line between Avanashy and Muddikarry with Iron Pot Sleepers	"	138,045	138,0145 ×	"	36519	36,519	Impossible to name a date Wooden Sleepers replaced by iron when required	× Rs 332226 — Sanctioned to Resume.
	G.O. no 3116 dd 8th Novr 1871	Bridge over the Waggry River	209,058	319,700	587,758	110,359	259,310	369,669	Cannot fix a date until Dam unformed when Cylinders may be completed 30th Sept 1872	
	Com. Engr Letter No 782 dd 10th Decr 1871	Sub-Inspector Bungalow at Anuppur Station	2557	"	2,557	359	"	359		
	G.O. no 2[illegible] dd 2nd Feby 1872	Re-constructing Bridge at 236 Miles 14 Telegraph Posts Bellary Branch	24,21	7079	15,500 ×	7193	89	7282	30th June 1873	× Rs 8087 — Sanctioned to Resume
	Com. Engr Letter No 218 dd 11th March 1872	Additional Watering Arrangements at Goondacul Station	1[illegible]48	380	1983	762	203	965	30th Sept. 1872	
	Com. Engr Letter No [illegible] dd [illegible] Nov. 1872	Rest House and Urinals at Goondacul	1[illegible]76	"	1596	"	"	"	Land for Rest House not yet made over — Six months after date of receiving possession of Land	

MISCELLANEOUS No. 5703 REVENUE DEPARTMENT.

Court of Wards

PROCEEDINGS OF THE ~~BOARD OF REVENUE~~,

Dated 25th July 1872.

Read the following

No. 234.

From

W. J. W. Tilleside Esqre
Acting Collector of Nattetrot.

To

J. Grose Esqre
Secretary to the Court of Wards

SIR,

Adverting to Court's Proceedings dated 22nd ultimo No. 3706, I have the honor to state that Captain Rogers, the Acting Principal, Civil Engineering Class in his letter dated 24th Idem informs me that no Student of that Class is competent to take independent charge of work connected with the minor Estate of Arni.

2. I quite concur with Captain Rogers in supposing that the services of some experienced Subordinate of the D.P.W. should be placed at my disposal

3. I therefore request that you will be good enough to obtain the sanction of

of the Court for appointing one from W. D. as I am not aware of any person who can be Entrusted with the works in this Estate. I request the Court will appoint one and order him to join forthwith.

4 Herewith forward a Copy of letter received from Captain Rogers.

North Arcot
Collectors Office
Camp Arni Nuggur
5th June 1872

I have &c.
(Signed) W. S. Whiteside
Acting Collector

No. 1416

From. Captain H. I. Rogers R.E.
Acting Principal C.E. College.

To. W. S. Whiteside Esqre
Acting Collector of North Arcot

Sir

With reference to the Proceedings of the Court of Wards under date 2nd Instant I have the honor to request you will inform that no Students of this College is immediately on leaving the institution competent to take independent charge of works of any importance such as those connected with the Arni Jaghire.

The Students on completing their Course of Study though well acquainted with the theory of Engineering have no practical Experience whatever and to give any of them sole charge of the irrigation works of the Jaghire would be as unfair to the Student as it would be prejudicial to the interests of the Estate.

I would strongly recommend that the services of some Experienced Subordinate of the Department Public Works whose ability and integrity have been proved in that Department should be temporarily placed at your disposal.

Civil Engineering College
Chepauk 5th May 1872

I have &c
(Signed) H. I. Rogers R.E.
Acting Principal C.E.C.

(True copy)
(Signed) W. S. Whiteside
Acting Collector.

The Court of Wards resolve to apply to Government for the services, during the time

23

RAILWAY DEPARTMENT. CONSULTING ENGINEER'S OFFICE.

No. 401

From Lieut-Col. J. H. McHardy Stewart R.E.

Consulting Engineer for Railways,

To

Col. G. W. Walker. R.E.

Secretary to Government,
Public Works Department,
Fort Saint George.

SIR,

With reference to G.O. No 1363 dated 31st May 1872, I have the honour to submit for the quarter ending 30th September 1872, a list of sanctions under Capital now in force on the Madras Railway affecting the Engineering and Locomotive Departments.

I

Dated 25th July 1872.
Despatched 25th " "

SUBJECT.

Applying for service of Quarterly Returns of Sanctions in force on the Madras Railway.

Rec'd 26 " "

From Lieut-Col. J. H. McHardy Stewart R.E.
Consulting Engineer for Railways.

To Col. G. W. Walker R.E.
Secretary to Government
Public Works Department
Fort St. George.

No. 401 Dated 25th July 1872.

PROCEEDINGS OF THE BOARD OF REVENUE

Dated 25th July 1872.

I have the honour to be
Sir
Your most obedient Servt.

Madrid 3
1 Aug 1872

Robt Stuart Lieut R.E.
Irish Con: Engineer for Railways

P. W. 1872 Depart.

No. 3741.

RAILWAY DEPARTMENT.

1872.

From

The Consulting Engineer
for Railways,

To

The Secretary to Government,
P. W Department,
Fort Saint George.

Dated 1 } August 1872
Recd 2 }

Encl: 2.

No. 401

Submits list of Gauchm
under Capital on the Rly
for quarter ending 30th
September 1872.

No 1953-1954-16 Aug 72

With Order.

No. 1953.

Ordered that the list submitted with this letter be forwarded to the Govt of India with reference to their Proc: No. 656 A.R. dated 10th May 1872.

C. R. for Rgo: S H.E. No 1953 dy.

Desp: 22/8/72 Copy of the above forwarded to the Govt of India.

Encl.

Desp: 22/8/72

Cho 3741.

Govt. of Madras.

PUBLIC WORKS.

To The Consulting Engr for Railways & The Secretary to the Govt of India

Dated
Rec'd Encl 2

G. O 16 Augt 1872. No 953-

1954

Nos. 277-278-279

Sanctions under Capital

Letter from the C. Engr for Rys submitting list of sanctions under Capital on the Indian Rys for the Quarter ending 30th Sept 1872.

Forwarding Copy of letter from the C. Engr for Rys submitting list of sanctions under Capital on the Indian Rys for the Quarter ending 30th Sept 1872.