C№ 10651

Govt. of 1890 Madras.

PUBLIC WORKS.

Dated 7/11/90 22/11/90

Read. Encl.

G.O., 14 XI. 1890 No. 1791R -92R

South Indian Railway

=

The list of open capital sanctions in the — for the quarter ending 31st. Dec. 1890, ordered to be forwarded to the Director Genl of Rys.

—

Forwarding the list of open capital sanctions in the — for Q.E. 31. XII. 90

5/2/91 m = D.C. 14/XI

Form No. 3.

A No. 1791 R dy 14th Nov 90

AS 17/11/90

Ordered to be forwarded to the Director General of Railways.

No. 1792R dy 14th Nov 90

Forwarded

12/11 Dy. R

3/12

To The Consltng Engr for Rys & Exr Govt Rys Depts

Km 8.XI.90

P. 1. C. 10651

From

THE CONSULTING ENGINEER FOR RAILWAYS,

MADRAS.

No. 466

Dated 6th } November 1890.
Received

No. of Enclosures. Nil

Subject.

Submitting for transmission to the Director General of Railways the List of Open Capital Sanctions S. I. Ry. for the quarter ending 31st December 1890.

A

No. 1791-92R dy 14th Nov 90

List of open Capital Sanctions

for

Quarter Ending 31st December 1950.

a. Work to be carried out after date on which Sanction closes, without renewal of sanction which should be applied for at least one month ~~from date~~, before lapse of sanction.

b. Bills for work to be passed within 3 months from date of Sanction closing, any subsequent submitted to be accompanied by explanation of delay, and dealt with at Official Committee at which the Comptroller is present before audit.

South Indian Railway

List of Open Capital Sanctions

for Quarter Ending 31st December 1890.

b. Expenditure on Capital work not in the list will not be passed unless formal Sanction has been received during the quarter.

Authority	Work	Sanctioned Amount			Expenditure as per Audit book at ends of June 1890			Present date to which Sanction lapsed	
		Indian	English	Total	Indian	English	Total		
	Madras & Tuticorin and Quilon Ry Sections								
	Madras								
1. 15 IR 1887	GIN° 48 RC 3/11 2nd Jan 1889 — Additional work required at Egmore station								
2.	G.E.N° 867 28th Oct/89 — Providing getting to the Covered Way over the Passengers at Egmore station								
3.	M.G.O.N° 763 R 10th Aug 1889 — Providing an additional Siding and P. Way, Inspector's Bungalow Egmore station								
	G.E.N° 998 5th March 1889 — Providing Store Room & Office for P. Way Inspector at do								
	G.E.N° 113 29th Jan 1890 — Providing a Rolling stock repairing shed, P Way and Points at Egmore station								
	G.E.N: 820 7th Aug 1890 — Laying a Siding at Park station								
	Pallavaram Station								
G.E.N° 135 29th Dec 89	Sinking a Well in N° dimension & Constructing a Cart Drain								
	Dallas Station								
G.E.N° 41 16th Feb 90	Providing a Tank Stand								
	Kolavoy Station								
G.E.N: 606 14th June 1890	Extension of existing Levelling platform & Covered Shed								
	Chingleput Station								
M.G.O. N: 628 R 10th May 1890	Construction of extra siding, platform, Covered Way &c								
	Vadalam Station								
M.G.O N° 752 R 13th Feb 1889	Providing a 4th Class Station in place of existing								
	Villupuram Station								
55 IR 1889 G.G.N: 1205 RC 24th Dec 1889	Enlarging the Station to accommodate the traffic of the								
	Permanent Way Inspector's Bungalow & Out houses								
G.E.N: 453 28th Oct 1890	Constructing Store Room & Office for P. Way Inspector								
G.E.N: 454 28th —									
	Tirumudi Station								
M.G.O N: 385 R 18th March 1890	Extra Siding accommodation								
	Chellikuppam Station								
G.E.N° 664 29th July 1889	Providing extra Siding accommodation								
	Cuddalore Old Town Station								
G.E.N: 396 5th Sept 1890	Filling low ground and extending siding								
		33581	61429	95010	20643 8 6	46816 12 9	67460 7 3	31.12.90	
		2584	34	2618					
	platforms	1351	2110	3461				31.3.91	
	at	5346	3891	9237	2076 5 10	3538 10 5	6615	11.7.91	
		1877	745	2142	543 10 4	392 6 7	936	24.11.90	
	Crossings	756	4239	4995	992	2135 11 1	3127 11 1	28.1.91	
		524	769	1963				6.2.91	
		11		11					
	Tank	1172	1999	3171	992 16 6	978 12 5	731 11 11	31.12.90	
		1914	1045	2959	668 7 9	51 13 5	720 5 2	15.4.91	
		1140	1754	2894				19.3.91	
		5207	10097	15304				9.5.91	
		620		620					
	trial stns:	4206	3210	7416				31.12.90	
	V. & Ry	34194	39971	98165	21980 8 3	33069 2	55049 10 3	13.1.91	
		11597	537	12134					
		3383	1119	14502	88 13 6		88 13 6	27.4.91	
		1883	743	2125	264 13 11		264 13 11	27.4.91	
		2097	5538	7635	10		10	18.12.90	
		72		72					
		932	2973	3905	622 8	1289 6 5	2214 6 8	28.1.91	
		662	38	700					
		2047	1594	4641	295 9 2	619 8 11	905 2 1	4.4.91	

The dates in red ink in the Column headed "Present date to which Sanction lapsed" were those to which the Engineer desired the Sanctions might be extended when they were made but have been Complied during the Quarter ending 31st Dec 1890 not

Authority	Works.		Sanctioned Estimate			Expenditure as per audit book at end of June 1890.			Present date within sanction lapsed.	
			Indian	English	Total.	Indian	English	Total.		
	Maddalore & Tindivanam Section									
18	L.E.N:391 of 2nd April 1890 — Altering siding accommodation		607 " "	1902 " "	1964 " "	20 13 "	62 70	646 2 10	1.4.91	
			274 " "	" "	274 " "					
	Villupuram Station.									
19	M.G.O.N:283 R of 14th March 1889 — Constructing Permanent Way Inspector's Bungalow		3383 " "	1076 " "	4439 " "	2364 3	1241 10 6	3606 13 9	31.12.90	
20	L.E.N:4078 dated 1889 — Store Room and Office for Permanent Way Inspector		1382 " "	748 " "	2130 " "	767 10 8	800 6	1567 13 9	7.11.90	
	Kumbakonam Station									
21	L.E.N:607 of 10th April 1889 — Providing P. Way Inspector's Bungalow & Out houses		3383 " "	1076 " "	4439 " "	860 12 10	1141 13 "	2278 11 10	9.1.91	
22	L.E.N:633 of 20th June 1890 — Store Room & Offices for Permanent Way Inspector		1106 " "	1037 " "	2143 " "	60 11 "	927 10	988 " "	19.6.91	
	Tanjore Station									
23	M.G.O.N:283 R of 14th March 1889 — Constructing Permanent Way Inspector's Bungalow		3383 " "	1076 " "	4439 " "	3071 " 14	1981 " "	5052 " 14	31.12.90	
	Negapatam Trade Section									
24	L.E.N:680 of 3rd August 1889 — Constructing Permanent Way Inspector's Bungalow and	Out houses at Chief Station	3923 " "	1063 " "	4992 " "	640 12 1	" " "	640 12 1	2.2.91	
25	159 R of 1890 G.I.N:604 RC of 9th May 1890 — Further Workshop accommodation at Negapatam		40502 " "	10273 " "	50775 " "	" " "	" " "	" " "	27.7.92	
			3986 " "	1685 " "	5671 " "					
	Trichinopoly Junction Station									
26	M.G.O.N:1112 R of 17th October 1889 — Extending the Covered Way over the Passengers	Platforms	2357 " "	1740 " "	4097 " "	" " "	" " "	" " "	19.4.91	
			1885 " "	1082 " "	2967 " "					
27	L.E.N:570 of 7th June 1890 — Providing an additional siding into the Imperial	Stores Depôt	2758 " "	1740 " "	4498 " "	" " "	" " "	" " "	6.9.91	
			30 " "	" " "	30 " "					
	Nannayanaya Kanner Station									
28	L.E.N:572 of 7th June 1890 — Constructing Cook house for Waiting Room & Bungalow		1079 " "	340 " "	1419 " "	" " "	" " "	" " "	6.6.91	
	Kadumbur Station									
29	L.E.N:449 of 26th April 1890 — Erecting a Baling stage on Well		1148 " "	1294 " "	1442 " "	796 14 "	4936 8 8	5722 12 8	25.7.91	
	Pullipur Station Trade Branch									
30	L.E.N:1857 of 24th Sept 1890 — Providing a through Siding		536 " "	3379 " "	3865 " "	309 14 8	2122 7 1	2426 5 7	13.11.90	
			20 " "	" " "	20 " "					
	Additional Flood openings & Protective Works									
1	159 R of 1886 G.I.N:7 RC of 16th Jan 1886 — Protective Works to Bridges on Divisions 1.2.3.4 & 5		172187 " "	8606 " "	180793 " "	62324 15 8	9922 " 9	72246 " 5	31.12.90	
2	G.I.N:990 RC of 26th Dec 1887 — Adding 1.5 ft Span to the existing 4.5 ft Girder	Bridge and	7948 " "	2966 " "	10914 " "	1824 6 "	464 1 3	2288 7 3	31.12.90	
	raising line 1 foot at 431 m 4		5757 " "	417 " "	6176 " "					
3	159 R of 1889 G.I.N:61 RC of 25th Jan 1889 — Converting the existing 30 ft Girder Bridge at 157 m 5.6 into		12274 " "	9462 " "	21736 " "	16817 " 3	747 13 1	17564 13 4	31.12.90	
	a 70 ft Girder		16755 " "	375 " "	17130 " "					
4	288 R of 1889 G.I.N:105 RC of 9th Feb 1889 — Adding 5.100 ft Spans to the existing 10.100 ft Girders to		68013 " "	51084 " "	119098 " "	87309 12 9	6394 " 11	100713 13 8	24.8.91	
	Godavari Bridge at 104 m 4		26855 " "	6133 " "	32988 " "					
5	L.E.N:843 of 17th Sept 1889 — Constructing 12 ft Girder Bridge at 120 m 62 Chains		3921 " "	546 " "	4467 " "	2272 7 8	1279 3 3	3551 10 11	16.9.91	
	Chief Engr Periyar Project N:2017 R of 12th December 1889 — Constructing a Bridge of 3.25 ft Girder over Periyar Channel									
	at 327 m 12.5		10916 " "	3838 " "	14761 " "	3867 10 10	4419 " 7	8287 10 5	19.5.91	
6	L.E.N:1679 of 24th July 1890 — Providing Stone toe to groynes at Vhoolapparay Bridge	Bridge 302 m 6	981 " "	" " "	981 " "	126 1 9	" " "	126 1 9	8.10.90	

The dates in red ink in the Column headed "Present date within sanction lapsed" are those furnished by the Chief Engineer as desired the Executive Engineer's letter No 1 dated 1890, to be entered in this column — Do Dindigul 1890, to be entered in this column — Do Negapatam 1890, to be entered in this column — Do Trichinopoly 1890, to be entered in this column

5

Authority	Work		Sanctioned Amount			Expenditure as per Audit book at end of June 1890			Remarks to show sanction forfeited	
			Indian	English	Total	Indian	English	Total		
	Additional Flood opening & Protective Work Contd									
38 M.G.O N:597 R 30" April 1890	Double 20 ft Girder Bridge, proposed to be built in existing 15 feet Girder Bridge at M.V 7 M 10	Piles of	3446 " "	716 " "	4162 " "	1442 3 11	1 1 6	1429	✓ ✓	16. 11. 91
3 L.E N: 863 16" Aug 1890	Lengthening 10 feet Girder Bridge at III M 7		7061 " "	1111 " "	8172 " "					
			7834 " "	88 " "	8922 " "	" " "	" " "	" " "		N. 8. 91
			209 " "	" " "	209 " "					
	Rollingstock									
	In 1 Covered Goods Way:		76 " "	1224 " "	1300 " "	" " "	" " "	" " "		6 months after receipt of Materials
	" 1 ✓ Ton Travelling Crane		200 " "	7800 " "	8000 " "	" " "	" " "	" " "		
11 3 39 R 1888 C.J N: 664 RC 28" January 1888	**Additional Rollingstock**									
	Construction of 2 ✓ Ordinary 3rd Class Carriages additional passenger traffic at Special accom	to trucks	15000 " "	47500 " "	62500 " "	11485 9 ✓	22270 8 3	33756 1 8	✓	12 months
459 R 1889 C.J N: 205 RS 24 Oct. 1889	Providing 13 Third Class Carriages		7000 " "	24700 " "	32500 " "					6. months
185 R 1886 C.J N: 655 RC 14" Aug.	✓ Composite Carriages		6875 " "	18125 " "	25000 " "	4664 3 11	6876 8 4	11541 12 3		31. 12. 90

To the Chief Engineer

Vizianagram
Chief Auditor's Office
16th October 1890

Wallace J. Hooper
for Agent.

James Smith
Chief Auditor

J. Morrison
Government Examiner
Railway Accounts

J. Morrison
Examiner Railway Accounts.
Madras

Sidney Smith
Major R.E.
for Offg: Consg: Engr: for Rys:

6th November
1890

The dates in red ink in the Column headed "Remarks" show when Sanction became forfeited under the rules which were made by the Secretary of State in Council in 1879 and modified in 1884 & 1886 and which were applied to Railways sanctioned before the date of the rules.

Simla 20th September 1890.

Form No. 2.

PUBLIC WORKS DEPARTMENT.

OFFICE OF CONSULTING ENGINEER FOR RAILWAYS,

Madras, 6th *November* 1890.

List of open Capital Sanctions — South Indian Railway for the quarter ending 31st December 1890.

No. 766-

SUBMITTED _____ to _____ Government for transmission to Director General of Railways.

2. With reference to items 20, and 36, the Agent, South Indian Railway, has been asked to submit application for revision of allocation between Cash and Stores and for item 29 a revised estimate has been asked for.

3. Agent's attention has again been invited to items 19, 21, 23, 33, 34 and 35.

Sidney Smith
Major R.E.

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated November, 14th.

Read. *Encl.*

G.O., 14th Nov. 1890, No. 1791 R.

NOVEMBER.

South Indian Railway

The list of Open Capital Sanctions on the — for the quarter ending 31st December 1890, ordered to be forwarded to the Director-General of Railways.

SOUTH INDIAN RAILWAY.

LIST of Open Capital Sanctions for quarter ending 31st December 1890.

(a) No work to be carried on and 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 explanation of delay and dealt with at Official Committee, 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.

Authority.		Works.	Sanctioned amount.			Expenditure as per Audit books at end of June 1890.			Present date when sanction lapses.
			Indian.	English.	Total.	Indian.	English.	Total.	
		MADRAS TO TUTICORIN AND TINNEVELLY SECTIONS.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	RS. A. P.	
		Madras.							
1.	I S.I.R. of 1887.	G I. No. 48 R.C., dated 11th January 1887. Additional works required at Egmore station	33,581 0 0	61,429 0 0	95,010 0 0	20,643 8 6	46,816 14 9	67,460 7 3	**31st Dec. 1890.**
2.	..	C.E. No. 867, dated 23rd September 1889. Providing guttering to the covered way over the passengers' platform at Egmore station.	1,351 0 0	2,110 0 0	3,461 0 0	..	..	..	31st Mar. 1891.
			2,584 0 0	**34 0 0**	**2,618 0 0**				
3.	..	M.G.O. No. 763 R., dated 10th July 1889. Providing an additional siding and Permanent-way Inspector's bungalow at Egmore station.	5,346 0 0	3,881 0 0	9,227 0 0	3,076 5 10	3,538 10 5	6,615 0 3	11th July ,,
4.	..	C.E. No. 998, dated 5th November 1889. Providing store-room and office for Permanent-way Inspector at Egmore station.	1,397 0 0	745 0 0	2,142 0 0	543 10 4	392 6 7	936 0 11	4th Nov. 1890.
5.	..	C.E. No. 113, dated 29th January 1890. Providing a rolling-stock repairing shed, permanent-way and points and crossings at Egmore station.	756 0 0	4,229 0 0	4,985 0 0	392 0 0	2,135 11 1	2,527 11 1	28th Jan. 1891.
6.	..	C.E. No. 820, dated 7th August 1890. Laying a siding at Park station ..	594 0 0	769 0 0	1,363 0 0	..	..	..	6th Feb. ,,
			11 0 0	..	**11 0 0**				
		Pallávaram Station.							
7.	..	C.E. No. 135, dated 9th February 1889. Sinking a well in 15 feet diameter and constructing a cast-iron tank.	1,512 0 0	1,999 0 0	3,511 0 0	352 15 6	378 12 5	731 11 11	31st Dec. 1890.
		Pallur Station.							
8.	..	C.E. No. 425, dated 16th April 1890. Providing a tank-house	1,914 0 0	1,045 0 0	2,959 0 0	668 7 9	51 13 5	720 5 2	15th April 1891.
		Arkónam Station.							
9.	..	C.E. No. 606, dated 14th June 1890. Extension of existing transhipping platform and covered way.	1,140 0 0	1,754 0 0	2,894 0 0	..	..	..	13th Mar. ,,
		Chingleput Station.							
10.	..	M.G.O. No. 628 R., dated 10th May 1890. Construction of extra siding, platform, covered way, &c.	5,207 0 0	10,097 0 0	15,304 0 0	..	..	..	9th May ,,
			620 0 0	..	**620 0 0**				
		Padalam Station.							
11.	..	M.G.O. No. 752 R., dated 13th September 1888. Providing a fourth-class station in place of existing trial station.	4,206 0 0	3,210 0 0	7,416 0 0	..	..	..	31st Dec. 1890.

		Villupuram Station.							
12.	5 S.I.R. of 1889.	G.I. No. 1205 R.C., dated 24th December 1889. Enlarging the station to accommodate the traffic of the Villupuram-Guntakal State Railway.	38,194 0 0	59,971 0 0	98,165 0 0	21,980 8 3	33,069 2 0	55,049 10 3	12th Jan. 1892.
			11,597 0 0	**537 0 0**	**12,134 0 0**				
13.	..	C.E. No. 453, dated 28th April 1890. Permanent-way Inspector's bungalow and out-houses.	3,383 0 0	1,119 0 0	4,502 0 0	88 13 6	..	88 13 6	27th April 1891.
14.	..	C.E. No. 454, dated 28th April 1890. Constructing store-room and office for Permanent-way Inspector.	1,382 0 0	743 0 0	2,125 0 0	264 12 11	..	264 12 11	27th ,, ,,
		Panruti Station.							
15.	..	M.G.O. No. 385 R., dated 18th March 1890. Extra siding accommodation	2,097 0 0	5,528 0 0	7,625 0 0	0 10 0	..	0 10 0	18th Dec. 1890.
			72 0 0	..	**72 0 0**				
		Nellikuppam Station.							
16.	..	C.E. No. 664, dated 29th July 1889. Providing extra siding accommodation ..	932 0 0	2,973 0 0	3,905 0 0	625 0 3	1,589 6 5	2,214 6 8	28th Jan. 1891.
			662 0 0	**38 0 0**	**700 0 0**				
		Cuddalore Old Town Station.							
17.	..	C.E. No. 396, dated 5th April 1890. Filling low ground and extending siding.	3,047 0 0	1,594 0 0	4,641 0 0	285 9 2	619 8 11	905 2 1	4th April ,,
18.	..	C.E. No. 391, dated 2nd April 1890. Altering siding accommodation ..	62 0 0	1,902 0 0	1,964 0 0	20 13 0	625 5 10	646 2 10	1st ,, ,,
			274 0 0	..	**274 0 0**				
		Máyavaram Station.							
19.	..	M.G.O. No. 283 R., dated 14th March 1889. Constructing Permanent-way Inspector's bungalow.	3,383 0 0	1,056 0 0	4,439 0 0	2,364 5 3	1,241 10 6	3,605 15 9	31st Dec. 1890.
20.	..	C.E. No. 407, dated 8th May 1889. Store-room and office for Permanent-way Inspector.	1,382 0 0	748 0 0	2,125 0 0	767 10 3	800 5 6	1,567 15 9	7th Nov. ,,
		Kumbakónam Station.							
21.	..	C.E. No. 607, dated 10th July 1889. Providing Permanent-way Inspector's bungalow and out-houses.	3,383 0 0	1,056 0 0	4,439 0 0	860 12 10	1,417 15 0	2,278 11 10	9th Jan. 1891.
22.	..	C.E. No. 633, dated 20th June 1890. Store-room and office for Permanent-way Inspector.	1,106 0 0	1,037 0 0	2,143 0 0	60 11 0	927 10 5	988 5 5	19th June ,,
		Tanjore Station.							
23.	..	M.G.O. No. 283 R., dated 14th March 1889. Constructing Permanent-way Inspector's bungalow.	3,383 0 0	1,056 0 0	4,439 0 0	3,071 0 4	1,981 5 0	5,052 5 4	31st Dec. 1890.
		NEGAPATAM-ERODE SECTIONS.							
24.	..	C.E. No. 680, dated 3rd August 1889. Constructing Permanent-way Inspector's bungalow and out-houses at Negapatam.	3,928 0 0	1,064 0 0	4,992 0 0	640 12 1	599 10 6	1,240 6 7	2nd Feb. 1891.
25.	1 S.I.R. of 1890.	G.I. No. 604 R.C., dated 9th July 1890. Further workshop accommodation at Negapatam station.	40,502 0 0	1,08,273 0 0	1,48,775 0 0	..	..	..	27th July 1892.
			3,986 0 0	**1,685 0 0**	**5,671 0 0**				
		Trichinopoly Junction Station.							
26.	..	M.G.O. No. 1112 R., dated 17th October 1889. Extending the covered way over the passengers' platform.	2,359 0 0	15,740 0 0	18,099 0 0	..	..	..	19th April 1891.
			1,885 0 0	**1,082 0 0**	**2,967 0 0**				

List of Open Capital Sanctions for quarter ending 31st December 1890—*cont.*

	Authority.	Works.	Sanctioned amount. Indian.	English.	Total.	Expenditure as per Audit books at end of June 1890. Indian.	English.	Total.	Present date when sanction lapses.
		Trichinopoly Junction Station—cont.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
27.	C.E. No. 570, dated 7th June 1890.	Providing an additional siding into the General Stores Depôt.	458 0 0 **30 0 0**	1,440 0 0 ..	1,898 0 0 **30 0 0**	..	..	..	6th Mar. 1891.
		Ammayandyakandr Station.							
28.	C.E. No. 572, dated 7th June 1890.	Constructing cook-house for waiting-room and bungalow.	1,079 0 0	340 0 0	1,419 0 0	..	..	..	6th June ,,
		Kadambur Station.							
29.	C.E. No. 449, dated 26th April 1890.	Erecting a baling stage on well ..	148 0 0	1,294 0 0	1,442 0 0	786 4 0	4,936 8 8	5,722 12 8	25th April ,,
		Pulliyur Station (Erode Branch).							
30.	C.E. No. 185, dated 14th February 1890.	Providing a through siding .. .. *Additional Flood Openings and Protective Works.*	536 0 0 **28 0 0**	3,329 0 0 ..	3,865 0 0 **28 0 0**	303 14 3	2,122 7 1	2,426 5 4	13th Nov. 1890.
31. 1 S.I.R. of 1886.	G.I. No. 7 R.C., dated 6th January 1886.	Protective works to bridges on divisions 1, 2, 3 and 4.	1,72,137 0 0	8,606 0 0	1,80,743 0 0	68,324 15 8	3,928 0 9	72,253 0 5	31st Dec. ,,
32. ..	G.I. No. 990 R.C., dated 26th September 1887.	Adding one 50-feet span to the existing four 50-feet girder bridge and raising line one foot at 431 miles.	7,948 0 0 **5,759 0 0**	2,966 0 0 **417 0 0**	10,914 0 0 **6,176 0 0**	1,824 6 0	464 1 3	2,288 7 3	**31st Dec. 1890.**
33. 1 S.I.R. of 1889.	G.I. No. 61 R.C., dated 23rd January 1889.	Converting the existing 30-feet girder bridge at 151 miles 5-6 chains into a 70-feet girder.	12,254 0 0 **16,755 0 0**	9,482 0 0 **375 0 0**	21,736 0 0 **17,130 0 0**	16,817 0 3	747 13 1	17,564 13 4	**31st Dec.** ,,
34. 2 S.I.R. of 1889.	G.I. No. 105 R.C., dated 9th February 1889.	Adding five 100-feet spans to the existing ten 100-feet girders to Gadilam bridge at 124 miles 4 chains.	68,013 0 0 **26,885 0 0**	51,085 0 0 **6,133 0 0**	1,19,098 0 0 **33,018 0 0**	37,309 12 9	63,404 0 11	1,00,713 13 8	24th Aug. 1891.
35. ..	C.E. No. 843, dated 17th September 1889.	Constructing 12-feet girder bridge at 130 miles 62 chains.	2,921 0 0	546 0 0	3,467 0 0	2,272 7 8	1,259 3 3	3,531 10 11	16th Mar. ,,
36. ..	Chief Engineer, Periyár Project, No. 2017 P.R., dated 12th Nov. 1889.	Constructing a bridge of three 25-feet girder over Periyár channel at 327 miles 12½ chains.	10,916 0 0	3,845 0 0	* 14,761 0 0	3,867 10 10	4,419 15 7	8,287 10 5	19th May ,,
37. ..	C.E. No. 16, dated 9th January 1890.	Providing stone toe to groynes at Mulapady bridge at 302 miles 6 chains.	381 0 0	..	381 0 0	126 1 9	..	126 1 9	8th Oct. 1890.
38. ..	M.G.O. No. 597 R., dated 30th April 1890.	Double 20-feet girder bridge proposed to be built in place of existing 15-feet girder bridge at A. 57 miles 10 chains.	3,446 0 0 **7,061 0 0**	716 0 0 **1,111 0 0**	4,162 0 0 **8,172 0 0**	1,428 3 11	1 1 6	1,429 5 5	16th Nov. 1891.
39. ..	C.E. No. 863, dated 16th August 1890.	Lengthening 10 feet girder bridge at 111 miles 7 chains.	784 0 0 **289 0 0**	88 0 0 ..	872 0 0 **289 0 0**	..	..	..	15th Aug. ,,
		Rolling-stock.							
40. 2 S.I.R. of 1882.	G.I. No. 555 R.C., dated 22nd January 1882.	For one covered goods wagon .. For one 5-ton travelling crane ..	76 0 0 200 0 0	1,224 0 0 7,800 0 0	1,300 0 0 8,000 0 0	.. ..	.. ..	..	Six months after receipt of materials.
		Additional Rolling-stock.							
41. 3 S.I.R. of 1888.	G.I. No. 664 R.C., dated 28th January 1888.	Construction of twenty-five ordinary 3rd-class carriages to meet additional passenger traffic at special occasions.	15,000 0 0	47,500 0 0	62,500 0 0	11,485 9 5	22,270 8 3	33,756 1 8	Twelve months after receipt of materials.
42. 4 S.I.R. of 1889.	G.I. No. 205 R.S., dated 24th October 1889.	Providing thirteen third-class carriages ..	7,800 0 0	24,700 0 0	32,500 0 0				Six months do.
43. 18 S.I.R. of 1886.	G.I. No. 655 R.C., dated 14th August 1886.	Five composite carriages	6,875 0 0	18,125 0 0	25,000 0 0	4,665 3 11	6,876 8 4	11,541 12 3	**31st Dec. 1890.**

* Funds are provided by Government for the estimate for the Periyár Project. Sanction to this special work was given by Chief Engineer, Periyar Project, the amount being less than the original estimate sanctioned by Government in No. 311 I., dated 2nd July 1889.

NOTE (1)—The figures in clarendon type refer to revenue portion of the sanctioned estimate.

NOTE (2)—The dates in clarendon type in the column headed "Present date when sanction lapses" are those to which the Chief Engineer and Locomotive Superintendent desire the sanction against which they are noted to be extended as several works have not been completed during the quarter ending 30th September 1890.

TRICHINOPOLY,
16th October 1890.

(Signed) SIDNEY SMITH, Major, R.E.,
for Offg. Consulting Engineer for Railways.

(Signed) H. A. D. WATHEN,
Govt. Examiner of Railway Accounts.

(Signed) F. MORRISON,
Examiner, Railway Accounts, Madras.

(Signed) J. SMITH,
Chief Auditor.

(Signed) W. F. HOOPER,
for Agent.

Submitted to Government for transmission to Director-General of Railways.

2. With reference to items 20 and 36, the Agent, South Indian Railway, has been asked to submit application for revision of allocation between cash and stores, and for item 29 a revised estimate has been asked for.

3. Agent's attention has again been invited to items 19, 21, 23, 33, 34 and 35.

Order—dated 14th November 1890, No. 1791 R., Public Works.

Ordered to be forwarded to the Director-General of Railways.

(Here enter No. 1792 R., dated 14th November 1890.)

(True Extract).

(Signed) T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

To the Consulting Engineer for Railways.
„ Examiner, Guaranteed Railway Accounts.

Endorsement—dated 14th November 1890, No. 1792 R., Public Works.

Forwarded.

(By Order).

(Signed)— T. GRACEY, Lieut.-Colonel, R.E.,
Offg. Joint Secy. to Govt., P.W.D.,
Railway Branch.

Exd. J. Moses.
Spare Copies

RAILWAY.

Govt. of {1890} Madras.

PUBLIC WORKS.

Dated November, 14th.

Read. *Encl.*

G.O., 14th Nov. 1890, Nos. 1791, 1792 R.

NOVEMBER.

South Indian Railway

Forwarding the list of Open Capital Sanctions on the — for quarter ending 31st December 1890.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Railway.

Read the following paper:—

From the Consulting Engineer for Railways, dated Madras, 6th November 1890, No. 766.

List of Open Capital Sanctions, South Indian Railway, for the quarter ending 31st December 1890.

[*Statement.*

SOUTH INDIAN RAILWAY.

List of Open Capital Sanctions for quarter ending 31st December 1890.

(*a*) No work to be carried on and 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 explanation of delay and dealt with at Official Committee, 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.

	Authority.	Works.	Sanctioned amount. Indian.	Sanctioned amount. English.	Sanctioned amount. Total.	Expenditure as per Audit books at end of June 1890. Indian.	Expenditure as per Audit books at end of June 1890. English.	Expenditure as per Audit books at end of June 1890. Total.	Present date when sanction lapses.
		Madras to Tuticorin and Tinnevelly Sections.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
		Madras.							
1.	I S.I.R. of 1887.	G.I. No. 48 R.C., dated 11th January 1887. Additional works required at Egmore station	33,581 0 0	61,429 0 0	95,010 0 0	20,643 8 6	46,816 14 9	67,460 7 3	**31st Dec. 1890.**
2.	..	C.E. No. 867, dated 23rd September 1889. Providing guttering to the covered way over the passengers' platform at Egmore station.	**2,584 0 0**	**34 0 0**	**2,618 0 0**	..	..	..	31st Mar. 1891.
			1,351 0 0	2,110 0 0	3,461 0 0				
3.	..	M.G.O. No. 763 R., dated 10th July 1889. Providing an additional siding and Permanent-way Inspector's bungalow at Egmore station.	5,346 0 0	3,881 0 0	9,227 0 0	3,076 5 10	3,538 10 5	6,615 0 3	11th July ,,
4.	..	C.E. No. 998, dated 5th November 1889. Providing store-room and office for Permanent-way Inspector at Egmore station.	1,397 0 0	745 0 0	2,142 0 0	543 10 4	392 6 7	936 0 11	4th Nov. 1890.
5.	..	C.E. No. 113, dated 29th January 1890. Providing a rolling-stock repairing shed, permanent-way and points and crossings at Egmore station.	756 0 0	4,229 0 0	4,985 0 0	392 0 0	2,135 11 1	2,527 11 1	28th Jan. 1891.
6.	..	C.E. No. 820, dated 7th August 1890. Laying a siding at Park station ..	594 0 0	769 0 0	1,363 0 0	..	..	..	
			11 0 0	..	**11 0 0**				6th Feb. ,,
		Pallávaram Station.							
7.	..	C.E. No. 135, dated 9th February 1889. Sinking a well in 15 feet diameter and constructing a cast-iron tank.	1,512 0 0	1,999 0 0	3,511 0 0	352 15 6	378 12 5	731 11 11	31st Dec. 1890.
		Pallur Station.							
8.	..	C.E. No. 425, dated 16th April 1890. Providing a tank-house	1,914 0 0	1,045 0 0	2,959 0 0	668 7 9	51 13 5	720 5 2	15th April 1891.
		Arkónam Station.							
9.	..	C.E. No. 606, dated 14th June 1890. Extension of existing transhipping platform and covered way.	1,140 0 0	1,754 0 0	2,894 0 0	..	..	..	13th Mar. ,,
		Chingleput Station.							
10.	..	M.G.O. No. 628 R., dated 10th May 1890. Construction of extra siding, platform, covered way, &c.	5,207 0 0	10,097 0 0	15,304 0 0	..	..	..	
			620 0 0	..	**620 0 0**				9th May ,,
		Padalam Station.							
11.	..	M.G.O. No. 752 R., dated 13th September 1888. Providing a fourth-class station in place of existing trial station.	4,206 0 0	3,210 0 0	7,416 0 0	..	..	..	31st Dec. 1890.

		Villupuram Station.							
12.	5 S.I.R. of 1889.	G.I. No. 1205 R.C., dated 24th December 1889. Enlarging the station to accommodate the traffic of the Villupuram-Guntakal State Railway.	38,194 0 0	59,971 0 0	98,165 0 0	21,980 8 3	33,069 2 0	55,049 10 3	12th Jan. 1892.
			11,597 0 0	**537 0 0**	**12,134 0 0**				
13.	..	C.E. No. 453, dated 28th April 1890. Permanent-way Inspector's bungalow and out-houses.	3,383 0 0	1,119 0 0	4,502 0 0	88 13 6	..	88 13 6	27th April 1891.
14.	..	C.E. No. 454, dated 28th April 1890. Constructing store-room and office for Permanent-way Inspector.	1,382 0 0	743 0 0	2,125 0 0	264 12 11	..	264 12 11	27th ,, ,,
		Panruti Station.							
15.	..	M.G.O. No. 385 R., dated 18th March 1890. Extra siding accommodation	2,097 0 0	5,528 0 0	7,625 0 0	0 10 0	..	0 10 0	18th Dec. 1890.
			72 0 0	..	**72 0 0**				
		Nellikuppam Station.							
16.	..	C.E. No. 664, dated 29th July 1889. Providing extra siding accommodation ..	932 0 0	2,973 0 0	3,905 0 0	625 0 3	1,589 6 5	2,214 6 8	28th Jan. 1891.
			662 0 0	**38 0 0**	**700 0 0**				
		Cuddalore Old Town Station.							
17.	..	C.E. No. 396, dated 5th April 1890. Filling low ground and extending siding.	3,047 0 0	1,594 0 0	4,641 0 0	285 9 2	619 8 11	905 2 1	4th April ,,
18.	..	C.E. No. 391, dated 2nd April 1890. Altering siding accommodation ..	62 0 0	1,902 0 0	1,964 0 0	20 13 0	625 5 10	646 2 10	1st ,, ,,
			274 0 0	..	**274 0 0**				
		Máyavaram Station.							
19.	..	M.G.O. No. 283 R., dated 14th March 1889. Constructing Permanent-way Inspector's bungalow.	3,383 0 0	1,056 0 0	4,439 0 0	2,364 5 3	1,241 10 6	3,605 15 9	31st Dec. 1890.
20.	..	C.E. No. 407, dated 8th May 1889. Store-room and office for Permanent-way Inspector.	1,382 0 0	743 0 0	2,125 0 0	767 10 3	800 5 6	1,567 15 9	7th Nov. ,,
		Kumbakónam Station.							
21.	..	C.E. No. 607, dated 10th July 1889. Providing Permanent-way Inspector's bungalow and out-houses.	3,383 0 0	1,056 0 0	4,439 0 0	869 12 10	1,417 15 0	2,278 11 10	9th Jan. 1891.
22.	..	C.E. No. 633, dated 20th June 1890. Store-room and office for Permanent-way Inspector.	1,106 0 0	1,037 0 0	2,143 0 0	60 11 0	927 10 5	988 5 5	19th June ,,
		Tanjore Station.							
23.	..	M.G.O. No. 283 R., dated 14th March 1889. Constructing Permanent-way Inspector's bungalow.	3,383 0 0	1,056 0 0	4,439 0 0	3,071 0 4	1,981 5 0	5,052 5 4	31st Dec. 1890.
		Negapatam-Erode Sections.							
24.	..	C.E. No. 680, dated 3rd August 1889. Constructing Permanent-way Inspector's bungalow and out-houses at Negapatam.	3,928 0 0	1,064 0 0	4,992 0 0	640 12 1	599 10 6	1,240 6 7	2nd Feb. 189
25.	1 S.I.R. of 1890.	G.I. No. 604 R.C., dated 9th July 1890. Further workshop accommodation at Negapatam station.	40,502 0 0	1,08,273 0 0	1,48,775 0 0	..	..	..	27th July 18
			3,986 0 0	**1,685 0 0**	**5,671 0 0**				92.
		Trichinopoly Junction Station.							
26.	..	M.G.O. No. 1112 R., dated 17th October 1889. Extending the covered way over the passengers' platform.	2,359 0 0	15,740 0 0	18,099 0 0	..	..	..	19th April 1891.
			1,885 0 0	**1,082 0 0**	**2,967 0 0**				

List of Open Capital Sanctions for quarter ending 31st December 1890—*cont.*

	Authority.	Works.	Sanctioned amount. Indian.	Sanctioned amount. English.	Sanctioned amount. Total.	Expenditure as per Audit books at end of June 1890. Indian.	Expenditure as per Audit books at end of June 1890. English.	Expenditure as per Audit books at end of June 1890. Total.	Present date when sanction lapses.
		Trichinopoly Junction Station—cont.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
27. ..	C.E. No. 570, dated 7th June 1890.	Providing an additional siding into the General Stores Depôt.	458 0 0 **30 0 0**	1,440 0 0 ..	1,898 0 0 **30 0 0**	..	..	..	6th Mar. 1891.
		Ammayandyakandr Station.							
28. ..	C.E. No. 572, dated 7th June 1890.	Constructing cook-house for waiting-room and bungalow.	1,079 0 0	340 0 0	1,419 0 0	..	..	..	6th June ,,
		Kadambur Station.							
29. ..	C.E. No. 449, dated 26th April 1890.	Erecting a baling stage on well ..	148 0 0	1,294 0 0	1,442 0 0	786 4 0	4,936 8 8	5,722 12 8	25th April ,,
		Pulliyur Station (Erode Branch).							
30. ..	C.E. No. 185, dated 14th February 1890.	Providing a through siding	536 0 0 **28 0 0**	3,329 0 0 ..	3,865 0 0 **28 0 0**	303 14 3	2,122 7 1	2,426 5 4	13th Nov. 1890.
		Additional Flood Openings and Protective Works.							
31. 1 S.I.R. of 1886.	G.I. No. 7 R.C., dated 6th January 1886.	Protective works to bridges on divisions 1, 2, 3 and 4.	1,72,137 0 0	8,606 0 0	1,80,743 0 0	68,324 15 8	3,928 0 9	72,253 0 5	31st Dec. ,,
32. ..	G.I. No. 990 R.C., dated 26th September 1887.	Adding one 50-feet span to the existing four 50-feet girder bridge and raising line one foot at 431 miles.	7,948 0 0 **5,759 0 0**	2,966 0 0 **417 0 0**	10,914 0 0 **6,176 0 0**	1,824 6 0	464 1 3	2,288 7 3	**31st Dec. 1890.**
33. 1 S.I.R. of 1889.	G.I. No. 61 R.C., dated 23rd January 1889.	Converting the existing 30-feet girder bridge at 151 miles 5-6 chains into a 70-feet girder.	12,254 0 0 **16,755 0 0**	9,482 0 0 **375 0 0**	21,736 0 0 **17,130 0 0**	16,817 0 3	747 13 1	17,564 13 4	**31st Dec.** ,,
34. 2 S.I.R. of 1889.	G.I. No. 105 R.C., dated 9th February 1889.	Adding five 100-feet spans to the existing ten 100-feet girders to Gadilam bridge at 124 miles 4 chains.	68,013 0 0 **26,885 0 0**	51,085 0 0 **6,133 0 0**	1,19,098 0 0 **33,018 0 0**	37,309 12 9	63,404 0 11	1,00,713 13 8	24th Aug. 1891.
35. ..	C.E. No. 843, dated 17th September 1889.	Constructing 12-feet girder bridge at 130 miles 62 chains.	2,921 0 0	546 0 0	3,467 0 0	2,272 7 8	1,259 3 3	3,531 10 11	16th Mar. ,,
36. ..	Chief Engineer, Periyár Project, No. 2017 P.R., dated 12th Nov. 1889.	Constructing a bridge of three 25-feet girder over Periyár channel at 327 miles 12½ chains.	10,916 0 0	3,845 0 0	* 14,761 0 0	3,867 10 10	4,419 15 7	8,287 10 5	19th May ,,
37. ..	C.E. No. 16, dated 9th January 1890.	Providing stone toe to groynes at Mulapady bridge at 302 miles 6 chains.	381 0 0	..	381 0 0	126 1 9	..	126 1 9	8th Oct. 1890.
38. ..	M.G.O. No. 597 R., dated 30th April 1890.	Double 20-feet girder bridge proposed to be built in place of existing 15-feet girder bridge at A. 57 miles 10 chains.	3,446 0 0 **7,061 0 0**	716 0 0 **1,111 0 0**	4,162 0 0 **8,172 0 0**	1,428 3 11	1 1 6	1,429 5 5	16th Nov. 1891.
39. ..	C.E. No. 863, dated 16th August 1890.	Lengthening 10 feet girder bridge at 111 miles 7 chains.	784 0 0 **289 0 0**	88 0 0 ..	872 0 0 **289 0 0**	..	..	..	15th Aug. ,,
		Rolling-stock.							
40. 2 S.I.R. of 1882.	G.I. No. 555 R.C., dated 22nd January 1882.	For one covered goods wagon .. For one 5-ton travelling crane ..	76 0 0 200 0 0	1,224 0 0 7,800 0 0	1,300 0 0 8,000 0 0	.. ..	.. ..	.. ..	Six months after receipt of materials.
		Additional Rolling-stock.							
41. 3 S.I.R. of 1888.	G.I. No. 664 R.C., dated 28th January 1888.	Construction of twenty-five ordinary 3rd-class carriages to meet additional passenger traffic at special occasions.	15,000 0 0	47,500 0 0	62,500 0 0	11,485 9 5	22,270 8 3	33,756 1 8	Twelve months after receipt of materials.
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