8812

Public Works (1896) Department.

G.O., No. 843-44

DATED 20th October 1896

[Despatch Abstract.]

Irrigation Cess Fund. Pro: Rev: Dept. requesting that the Accountant General be directed in the Finance Dept. to place at the disposal of the P.W.D. a sum of Rs. 710 from the surplus balance of the remaining to the credit of the Marundur Natta Voikal, Trichinopoly Dt., Comm. to S.E. VI Circle.

T.C. 22/10
20/10

[P.W. 25. 1,000—13-10-96.]

Statement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Masulipatam canal—cont.							
18	No. 856 I. of 17th Oct. 1892 ..	(3) C.	..	Medur tail escape	150	..	150	150	..	..	
19	No. 573 I. of 29th June 1893 ..	..	..	Head sluice to Kistnapatam branch	350	..	350	350	..	..	
20	No. 856 I. of 17th Oct. 1892 ..	..	..	Field masonry sluice	100	..	100	100	..	..	
21	No. 573 I. of 29th June 1893 ..	..	..	Road culvert at 2 miles 5 furlongs across Midamole road..	550	..	550	550	..	..	
22	No. 856 I. of 17th Oct. 1892 ..	..	..	Tail escape	100	..	100	100	..	..	
23	No. 573 I. of 29th June 1893 ..	..	..	Head sluice to Gudapad branch	390	..	390	390	..	..	
24	No. 856 I. of 17th Oct. 1892 ..	..	..	Tail escape to *do.*	100	..	100	100	..	..	
25	No. 765 I. of 2nd Sept. 1893 ..	..	22 0	Surplus weir	4,300	..	4,300	4,300	..	..	
				Total ..	16,760	273	16,487	16,760	..	..	
26	* No. 856 I. of 17th Oct. 1892 ..	(3) L.	..	Distributaries of west side channel	18,000	..	18,000	18,000	..	..	
27	Do. do. ..	..	22 0	Medur channel	5,850	..	5,850	5,850	..	..	Lump sum.
28	Do. do. ..	..	..	Kistnapuram branch of Medur channel	3,180	..	3,180	3,180	..	..	
29	Do. do. ..	..	..	Gudapad branch of Medur channel	1,760	..	1,760	1,760	..	..	
			..	Total ..	28,790	..	28,790	28,790	..	..	
30	Appendix D printed in G.O., No. 181 I. of 28th Feb. 1882.	(3) O.	..	Cattle-crossing west side channel	1,500	..	1,500	1,500	..	..	Lump sum.
				Total (3) Distributaries ..	54,920	273	54,647	54,920	..	..	
				Total, Masulipatam canal ..	2,00,850	82,215	1,18,635	2,00,850	..	..	
				Pulleru canal.							
31	....										
32	No. 318 I. of 11th April 1893 ..	(2) B.	..	Compensation for land	..	145	..	145	145	..	
		..	..	Do. required for depositing silt	3,650	..	3,650	3,650	..	..	
				Total ..	3,650	145	3,650	3,795	145	..	
33	*	(2) L.	..	Widening from Pamarru to Cowtaram	..	..	22,000	22,000	22,000	..	
34	No. $\frac{455}{A}$ I. of 3rd May 1884 ..	(2) O.	..	Other cattle-crossings	2,745	..	2,745	2,745	..	..	
35	Superintending Engineer's No. 2185 K.S. of 8th Dec. 1891.	..	..	Mile and furlong stones along the Pulleru canal ..	160	80	80	160	..	..	Lump sum.

36	No. 563 I. of 16th July 1891 ..	..	..	Demarcation stones along Upper Pulleru	200	80	120	200	..	..	
				Total ..	3,105	160	2,945	3,105	..	..	
				Total (2)[Main canals and branches ..	6,755	305	28,595	28,900	22,145	..	
37	Para. 80 of the note printed in No. 3528 of 26th Dec. 1876.	(3) B.	..	Kalidindicodu	460	..	460	460	..	..	
38	Do. do. ..	..	..	Pedatummidi channel	1,100	..	1,100	1,100	..	..	Lump sum.
39	No. 632 I. of 8th July 1884 ..	..	..	Bantumilli south side channel	2,080	1,069	1,011	2,080	..	..	Do.
40	Superintending Engineer's No. 2624 K.S. of 16th Mar. 1889.	..	..	Proposed head of Sayarazu Lunkacode	277	..	277	277	..	..	
41	Superintending Engineer's No. 860 K.S. of 2nd July 1890.	..	..	Yedlacodu extension	215	21	194	215	..	..	
42	Superintending Engineer's No. 2989 K.S. of 9th Mar. 1892.	..	..	Right side channel of Motur channel from 2 miles 63 chains	340	60	280	340	..	..	
43	Superintending Engineer's No. 1045 K.S. of 5th Aug. 1892.	..	..	Right side channel of Motur channel from No. 5 or Singanapudi head sluice	107	..	107	107	..	..	
44	No. 691 I. of 30th July 1884 ..	..	..	Channels in the 5th sub-section for which estimates have not yet been prepared	8,015	..	8,015	8,015	..	..	
45	No. 291 I. of 25th Mar. 1891 ..	..	..	Left side channel of Kalidindicodu	1,400	441	959	1,400	..	..	Lump sum.
46	No. 845 I. of 14th Oct. 1892 ..	..	..	Right side channel of Gudiváda channel	103	..	103	103	..	..	
47	No. 824 I. of 22nd Sept. 1893 ..	..	..	Excavating Vennelacodu	240	..	240	240	..	..	
48	No. 3170 K.S. of 22nd Mar. 1893.	..	..	Head to Kanur Subbiacode and Chevandra channel ..	32	..	32	32	..	..	
49	No. 587 I. of 4th July 1893 ..	..	..	Chintalacodu extension	537	..	537	537	..	..	
50	No. 601 I. of 8th July 1893 ..	..	..	Left side channel of Gudiváda channel	241	..	241	241	..	..	
				Total ..	15,147	1,591	13,556	15,147	..	..	
51	No. 845 I. of 14th Oct. 1892 ..	(3) C.	..	Sluice to right side channel of Gudiváda channel ..	436	332	104	436	..	..	
52	No. $\frac{455}{A}$ I. of 3rd May 1884 ..	..	..	Pamarru channel, Pengandra branch, one head sluice and one drop	600	..	600	600	..	..	
53	Do. do. ..	..	..	Do. Komaravole branch head sluice ..	223	..	223	223	..	..	Lump sum.
54	Do. do. ..	..	..	Do. culvert under road	150	..	150	150	..	..	Lump sum.
55	No. 573 I. of 29th June 1892 ..	..	..	Regulator in Palacodu for Pengandra branch No. 1 ..	210	..	210	210	..	..	
56	Superintending Engineer's No. 8252 K.S. of 31st March 1892.	..	..	Head sluice to old Palacodu in left bank, Motur channel..	546	..	546	546	..	..	
57	Para. 80 of the note printed with G.O., No. 3528 of 22nd Dec. 1876.	..	..	Fifteen minor sluices	5,250	..	5,250	5,250	..	..	Lump sum.
58	Superintending Engineer's No. 1951 K.S. of 7th Nov. 1892.	..	..	Combined head sluice to Chenandra channel and Kanur Subbiacodu	600	82	518	600	..	..	
59	Superintending Engineer's No. 2502 K.S. of 19th Jan. 1893.	..	..	Bridge at 3rd mile of Doggumilli crossing	900	90	810	900	..	..	
60	Superintending Engineer's No. 1968 K.S. of 8th Nov. 1892.	..	..	Head sluice to Golinepalli channel on the right bank of Gudiváda channel at 2 miles 62 chains.	480	472	8	480	..	..	
61	Do. do. ..	..	..	Do. on the left bank of Gudiváda channel at 4 miles 35 chains	490	..	490	490	..	..	
62	Do. do. ..	..	..	Do. on the right bank of Gudiváda channel at 4 miles 70 chains	490	..	490	490	..	..	
63	Do. do. ..	..	..	Do. on the left bank of Gudiváda channel at 6 miles 59 chains	565	214	351	565	..	..	

Satement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Pulleru canal—cont.							
64	No. 449 I. of 17th May 1993 ..	(3) C.	..	Head sluice to Diwan Sahibcodu at 6 miles 3 furlongs of Butlercodu	400	..	400	400	..	..	
65	Do. do. ..	..	..	Head sluice to Vemavaram channel at 6 miles 4 furlongs of Butlercodu	500	..	500	500	..	..	
66	* No. 691 I. of 30th July 1884 ..	..	..	Masonry works on distributaries for which detailed estimates have not been prepared	33,763	574	33,189	33,763	..	..	Lump sum.
67	No. 587 I. of 4th July 1893 ..	..	..	Culvert on Kankipad road over Chintalacodu	510	..	510	510	..	..	
68	No. 824 I. of 22nd Sept. 1893 ..	..	..	Head sluice to Vennelacodu	470	..	470	470	..	..	
				Total ..	46,583	1,764	44,819	46,583	..	..	
69	No. 291 I. of 25th May 1891 ..	(3) L.	..	Kalidindicodu left side channel	2,500	2,012	488	2,500	..	..	
70	Superintending Engineer's No. 2989 K.S. of 9th March 1892.	..	..	Right side channel of Motur channel from 2 miles 63 chains ..	520	15	505	520	..	..	
71	Superintending Engineer's No. 1145 K.S. of 5th Aug. 1892.	..	..	Do. do. from sluice No. 5.	211	..	211	211	..	..	
72	No. 845 I. of 14th Oct. 1892 ..	..	..	Right side channel of Gudivada channel	361	..	361	361	..	..	
73	No. 601 I. of 8th July 1893 ..	..	..	Left side channel of do.	325	..	325	325	..	..	
74	No. 573 I. of 29th June 1892 ..	..	..	Extending the Penjandra branch No. 1	450	..	450	450	..	..	
75	No. 824 I. of 22nd Sept. 1893 ..	..	..	Excavating Vennelacodu	430	..	430	430	..	..	
76	* No. 691 I. of 30th July 1884 ..	..	..	Distributaries	71,927	..	71,927	71,927	..	..	Lump sum.
77	No. 225 I. of 13th March 1893 ..	..	..	Improving the Butlercodu	1,670	..	1,670	1,670	..	..	
78	No. 587 I. of 4th July 1893 ..	..	..	Do. the Chintalacodu	1,320	..	1,320	1,320	..	..	
				Total ..	79,714	2,027	77,687	79,714	..	..	
79	No. 311 I. of 26th Mar. 1885 and No. 591 I. of 29th Nov. 1889.	(3) O.	..	Ankanagudem ramp	625	445	180	625	..	..	
80	Do. do. ..	..	..	Anamanapadi do.	585	..	585	585	..	..	
81	Do. do. ..	..	..	Rudrapaka do.	562	..	562	562	..	..	
82	No. $\frac{455}{A}$ I. of 3rd May 1884 ..	..	..	Pamarru cattle crossing	500	..	500	500	..	..	Lump sums.
83	Do. do. ..	..	..	Palacodu	185	..	185	185	..	..	
84	No. 463 I. of 16th July 1891 ..	..	..	Demarcation stones along Motur channel	770	5	765	770	..	..	
85	Superintending Engineer's No. 2989 K.S. of 29th March 1892.	..	..	Do. to right side channel to Motur channel.	20	..	20	20	..	..	
86	No. 824 I. of 22nd Sept. 1893 ..	..	..	Fixing demarcation stones along Vennelacodu ..	10	..	10	10	..	..	
87	No. 1472 K.S. of 23rd Sept. 1891.	..	..	Do. along Bantumilli canal, south side channel	80	..	80	80	..	..	
88	No. 291 I. of 25th March 1891 ..	..	..	Fixing demarcation stones along Kalidindicodu left side channel	170	39	131	170	..	..	
89	Superintending Engineer's No. 2777 K.S. of 6th Feb. 1891.	..	..	Ramp at Pedapalaparru	420	362	58	420	..	..	
90	No. 2576 K.S. of 26th Jan. 1893.	..	..	Demarcation stones to side channel along Bantumilli canal, south side channel	40	4	36	40	..	..	
91	No. 587 I. of 4th July 1893 ..	..	..	Demarcation stones along Chintalacodu	73	..	73	73	..	..	
92	No. 601 I. of 8th July 1893 ..	..	..	Do. left side channel of Gudivada channel	14	..	14	14	..	..	
				Total ..	4,054	855	3,199	4,054	..	..	
				Total (3) Distributaries ..	1,45,498	6,237	1,39,261	1,45,498	..	..	
				Total, Pulleru canal ..	1,52,253	6,542	1,67,856	1,74,398	22,145	..	
				Pamarru junction canal.							
93	No. 709 I. of 23rd Aug. 1892 ..	(2) K.	..	Lock lascars' sheds	810	344	466	810	..	..	
				Total, Pamarru junction canal ..	810	344	466	810	..	..	
				Polras canal.							
94	No. 363 I. of 25th April 1893 ..	..	..	Single lock lascar's shed at Vinjeram	330	..	330	330	..	..	
95	Superintending Engineer's No. 2953 K.S. of 7th March 1892.	(2) O.	..	Demarcation stones from Mudinepalli bridge	300	..	300	300	..	..	
				Total (2) Main canals and branches ..	630	..	630	630	..	..	
96	No. 313 I. of 2nd July 1889 ..	(3) B.	..	Peddakommileru south side channel	2,014	1,513	501	2,014	..	..	
97	No. 476 I. of 20th May 1892 ..	..	..	Kykalur channel (loss of crop)	3,000	2,999	1	3,000	..	..	
98	No. 984 I. of 19th Dec. 1 91 ..	..	..	Branch No. 1 of Peddakommileru south side channel ..	4,390	..	4,390	4,390	..	..	
99	Superintending Engineer's No. 3123 K.S. of 11th March 1891.	..	..	Kallapallem side channel	550	..	550	550	..	..	
100	No. 531 I. of 1st July 1891 ..	..	..	Korlapad channel	610	..	610	610	..	..	
101	Superintending Engineer's No. 2909 K.S. of 25th Feb. 1893.	..	..	Korlapad side channel	278	..	278	278	..	..	
102	No. 635 I. of 19th July 1893 ..	..	..	Branch No. II, Peddakommileru south side channel ..	231	..	231	231	..	..	
103	....	..	..	Compensation for Chigurukota channel	..	49	..	49	49	..	
				Total ..	11,073	4,561	6,561	11,122	49	..	
104	No. 313 I. of 2nd July 1889 ..	(3) C.	..	Sluice to left bank at 10 miles 1,188 feet	335	42	293	335	..	..	
105	Do. do. ..	..	..	Do. to right bank at 10 miles 1,320 feet	337	20	317	337	..	..	
106	No. 606 I. of 11th July ..	..	..	Three earthenware pipe sluices at right bank	300	..	300	300	..	..	
107	No. 531 I. of 1st July 1891 ..	..	..	Head sluice to Koralapad channel	1,000	787	213	1,000	..	..	
108	No. 313 I. of 2nd July 1889 and Superintending Engineer's No. 2871 K.S. of 13th Feb. 1891.	..	..	Seven minor sluices	300	..	300	300	..	..	Lump sum.
109	Superintending Engineer's No. 2762 K.S. of 13th Feb. 1893.	..	..	Peddakommileru north side channel, right bank sluice, at .. .. .. 0 mile 3,000 feet ..	80	..	80	80	..	..	
110	Do. do. ..	..	..	Do. do. 1 ,, 720 ,, ..	80	..	80	80	..	..	
111	Do. do. ..	..	..	Do. do. 3 miles 1,660 ,, ..	80	..	80	80	..	..	
112	Do. do. ..	..	..	Do. do. 4 ,, 3,980 ,, ..	80	..	80	80	..	..	
113	Do. do. ..	..	..	Do. do. 6 ,, 950 ,, ..	174	..	174	174	..	..	

Statement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Polraz canal—cont.							
114	Superintending Engineer's No. 2762 K.S. of 13th Feb. 1893 ..	..	..	Peddakommileru north side channel, right bank sluice, at 7 miles 1,935 feet ..	188	..	188	188	..	..	
115	Do. do. ..	..	..	Do. do. 8 ,, 2,285 ,, ..	89	..	89	89	..	..	
116	Do. do. ..	..	..	Do. do. 9 ,, 4,325 ,, ..	89	..	89	89	..	..	
117	Do. do. ..	..	..	Lingala channel head sluice	..	..	900	900	900	..	
118	Do. do. ..	..	..	Do. aqueduct	..	..	1,200	1,200	1,200	..	
119	No. 635 I. of 19th July 1893 ..	..	..	Head sluice to Peddakommileru, branch No. II ..	480	..	480	480	..	..	
120	Do. do. ..	..	..	No. 1 sluice at 0 mile 4,620 feet of do. ..	100	..	100	100	..	..	
121	Do. do. ..	..	..	,, 2 do. at 1 ,, 3,300 ,, do.	180	..	180	180	..	..	
122	Do. do. ..	..	..	,, 3 do. at 2 miles 1,900 ,, do.	180	..	180	180	..	..	
123	Do. do. ..	..	..	Under-tunnel at the head at 0 miles 3,960 feet ..	170	..	170	170	..	..	
124	No. 247 I. of 10th Mar. 1885 ..	..	..	Head sluice to Rudravaram channel	310	..	310	310	..	..	
125	.... ..	..	..	Kykalur road side channel head sluice	..	..	490	490	490	..	
				Total ..	4,552	849	6,293	7,142	2,590	..	
126	No. 313 I. of 2nd July 1889 ..	(3) L.	..	*Ten minor distributaries*	4,212	..	4,212	4,212	..	..	
127	No. 328 K.S. of 25th Mar. 1891 ..	..	..	Chevurcodu	2,300	1,764	536	2,300	..	..	
128	No. 551 I. of 1st July 1891 ..	..	..	Korlapad channel	1,680	1,235	445	1,680	..	..	Lump sum.
129	No. 2909 K.S. of 25th Feb. 1893 ..	..	..	Korlapad side channel	260	..	260	260	..	..	
130	.... ..	..	..	Lingala channel	..	..	2,000	2,000	2,000	..	
131	No. 635 I. of 19th July 1893 ..	..	..	Peddakommileru, branch No. II	1,950	..	1,950	1,950	..	..	
132	.... ..	..	..	Extending and improving Kykalur channel	..	..	3,600	3,600	3,600	..	
133	.... ..	..	..	Do. Peddakommileru south side channel.	..	..	1,630	1,630	1,630	..	
134	.... ..	..	..	Rudravaram channel, extending and improving	..	..	4,000	4,000	4,000	..	
135	.... ..	..	..	Kykalur road side channel	..	..	360	360	360	..	
				Total ..	10,402	2,999	18,993	21,992	11,590	..	
136	Superintending Engineer's No. 3123 K.S. of 11th Mar. 1891 ..	(3) O.	19 60	Demarcation stones along Kallapalem side channel ..	80	14	66	80	..	..	
137	No. 531 I. of 1st July 1891 ..	..	12 5	Do. Korlapad channel	60	10	50	60	..	..	
138	No. 984 I of 19th Dec. 1891 ..	..	3 1	Do. branch No. 1, Peddakommileru south side channel	260	43	217	260	..	..	
139	No. 313 I. of 2nd July 1889 ..	..	..	Cattle ramps at 5 miles 1,122 feet	272	..	272	272	..	..	
140	Do. do. ..	..	..	Do. on Peddakommileru south side channel ..	464	338	126	464	..	..	
141	Do. do. ..	..	..	Do. do. north side channel ..	387	224	163	387	..	..	
142	Superintending Engineer's No. 3286 K.S. of 25th Mar. 1891 ..	..	..	Do. Chevurukodu	200	50	150	200	..	..	
143	Superintending Engineer's No. 2909 K.S. of 25th Feb. 1893 ..	..	..	Do. Korlapad side channel	22	..	22	22	..	..	
144	No. 635 I. of 19th July 1893 ..	..	..	Demarcation stones along Pedakommileru south side channel, branch No. II	59	..	59	59	..	..	
				Total ..	1,804	679	1,125	1,804	..	..	
				Total (3) Distributaries ..	27,831	9,088	32,972	42,060	14,229	..	
145	Para. 77 of the note printed in G.O. No. 3528 of 22nd Dec. 1875.	(4) B.	..	Upputeru	150	..	150	150	..	..	
146	Superintending Engineer's No. 861 K.S. of 2nd July 1890.	..	..	Compensation for ring channel through Kottada weir ..	35	..	35	35	..	..	
147	Do. do. ..	(4) L.	..	Total ..	185	..	185	185	..	..	
148	Do. do. ..	..	..	Embanking Upputeru	2,710	..	2,710	2,710	..	..	
				Do.	795	..	795	795	..	..	
				Total ..	3,505	..	3,505	3,505	..	..	
				Total (4) Drainage and protective works ..	3,690	..	3,690	3,690	..	..	
				Total, Polraz canal ..	32,151	9,088	37,292	46,380	14,229	..	
				Bantumilli canal.							
149	No. 30 I. of 13th Jan. 1883 ..	(2) B.	..	Compensation for land—old claims	30	..	30	30	..	..	
150	No. 710 I. of 4th Dec. 1890 ..	..	..	Compensation for Bantumilli canal extension to Upputeru.	6,200	441	5,759	6,200	..	..	
				Total ..	6,230	441	5,789	6,230	..	..	
151	No. 710 I. of 4th Dec. 1890 and No. 411 I. of 6th May 1893.	(2) I.	..	Tidal lock near Lakshmipuram	31,000	25,342	5,658	31,000	..	..	
152	Do. do. ..	..	..	Lock weir near Lakshmipuram	4,910	4,641	269	4,910	..	..	
				Total ..	35,910	29,983	5,927	35,910	..	..	
153	No. 30 I. of 13th Jan. 1883 ..	(2) K.	..	Chandrala rest-house	1,300	..	1,300	1,300	..	..	
154	No. 363 I. of 25th April 1893 ..	..	..	Single lock lascar's shed at Kamalapuram	310	..	310	310	..	..	Lump sum.
				Total ..	1,610	..	1,610	1,610	..	..	
155	No. 710 I. of 4th Dec. 1890 ..	(2) L.	..	Canal extension	46,980	43,673	3,307	46,980	..	..	
156	No. 30 I. of 13th Jan. 1883 No. 349 I. of 1st April 1885 and No. 710 I. of 4th Dec. 1890	..	..	Widening and deepening	15,300	10,278	5,022	15,300	..	..	
157	.... ..	..	..	Widening from Cowtaram to Kamalapuram	..	..	3,550	3,550	3,550	..	
				Total ..	62,280	53,951	11,879	65,830	3,550	..	

Statement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Bantumilli canal—cont.							
158	No. 30 I. of 13th Jan. 1883 ..	(2) C.	..	Cowtaram ramp	280	..	280	280	..	..	Lump sums.
159	Do. do. ..	..	..	Daggumilli do.	300	..	300	300	..	..	
160	Do. do. ..	..	..	Cherandra do.	420	..	420	420	..	..	
161	Do. do. ..	..	..	Nallagunta do.	290	..	290	290	..	..	
162	Do. do. ..	..	..	Kalanagunta do.	190	..	190	190	..	..	
163	Do. do. ..	..	..	Satulur do.	360	..	360	360	..	..	
164	Do. do. ..	..	..	Amudalapalli do.	345	..	345	345	..	..	
165	Do. do. ..	..	..	Cruttivennu do.	530	..	530	530	..	..	
166	Do. do. ..	..	..	Chendrala do.	515	..	515	515	..	..	
167	No. 710 I. of 4th Dec. 1890 ..	..	..	Demarcation stones along canal extension	480	108	372	480	..	..	
				Total ..	3,710	108	3,602	3,710	..	..	
				Total (2) Main canals and branches ..	1,09,740	84,483	28,807	1,13,290	3,550	..	
168	Superintending Engineer's No. 3199 K.S. of 24th Mar. 1893 ..	(3) B.	..	Old claims—Chennu Addacodu	159	..	159	159	..	..	
169	No. 490 I. of 28th Nov. 1889 ..	..	..	Compensation for land required for the main distributary	3,436	..	3,436	3,436	..	..	
170	Superintending Engineer's No. 2198 K.S. of 29th Nov. 1890 ..	..	..	Right side channel of Kaldindi	210	51	159	210	..	..	
171	....	..	..	Kamalapuram north side channel	1,456	..	1,456	1,456	..	..	
				Total ..	5,261	51	5,210	5,261	..	..	
172	No. 738 I. of 29th Aug. 1892 ..	(3) C.	..	Fender piles to the head of Kamalapuram lock weir ..	1,080	821	259	1,080	..	..	
173	No. 412 I. of 6th May 1893 ..	..	..	Head sluice to Lellaboracodu	390	..	390	390	..	..	
174	No. 590 I. of 28th Nov. 1889 ..	..	..	Sluice to Doddicodu	540	468	72	540	..	..	
175	Do. do. ..	..	..	Sluice to Rallaguntacodu	555	479	76	555	..	..	
176	Do. do. ..	..	..	Bridge with regulator on Bantumilli road at 5 miles 2,070 feet	2,202	2,073	129	2,202	..	..	
177	Do. do. ..	..	..	Sluice to road side channel	917	803	114	917	..	..	
178	Do. do. ..	..	..	Do. Gangaanammacodu	493	434	59	493	..	..	
179	Do. do. ..	..	..	Do. Vaivaka channel	842	682	160	842	..	..	
180	Do. do. ..	..	..	Do. Nadimircodu	460	318	142	460	..	..	
181	Do. do. ..	..	..	Do. Arakur channel	468	384	84	468	..	..	
182	Do. do. ..	..	..	Do. Tail escape	270	124	146	270	..	..	
183	No. 257 I. of 23rd Mar. 1893 ..	..	..	Do. Yurinicodu on left bank	430	178	252	430	..	..	
184	No. 257 I. of 23rd March 1893 ..	..	..	Sluice to Chennur Addacodu on left bank	460	143	317	460	..	..	
185	Do. do. ..	..	..	Do. Tummidicodu do.	455	145	310	455	..	..	
186	Do. do. ..	..	..	Do. Gorricodu do.	455	147	308	455	..	..	
187	Do. do. ..	..	..	Do. Rallaguntacodu do.	500	154	346	500	..	..	
188	Do. do. ..	..	..	Do. Vonudurru do.	510	180	330	510	..	..	
189	Do. do. ..	..	..	Do. Vaivaka channel do.	530	169	361	530	..	..	
190	....	..	..	Head sluice to Kamalapuram north side channel ..	1,040	..	1,040	1,040	..	..	
191	....	..	..	No. 1 sluice at 1 mile 7 furlongs and 530 feet of Kamalapuram north side channel ..	185	..	185	185	..	..	
192	....	..	..	„ 2 do. at 2 miles 7 furlongs 150 feet	179	..	179	179	..	..	
193	....	..	..	„ 3 do. at 3 „ 7 „ 400 „	175	..	175	175	..	..	
194	....	..	..	„ 4 do. at 4 „ 5 „ 300 „	162	..	162	162	..	..	
195	....	..	..	„ 5 do. at 5 „ 3 „ 200 „	177	..	177	177	..	..	
196	....	..	..	„ 6 do. at 5 „ 6 „ 330 „	172	..	172	172	..	..	
197	....	..	..	Head sluice to Bantumilli north side channel	..	..	600	600	600	..	
				Total ..	13,647	7,702	6,515	14,247	600	..	
198	No. 590 I of 20th Nov. 1889 ..	(3) L.	..	Minor channel	3,150	..	3,150	3,150	..	..	Lump sum.
199	No. 3199 K.S. of 24th March 1893.	..	..	Chennur Addacodu	671	107	564	671	..	..	
200	....	..	..	Improvements to distributaries of main distributary ..	..	..	5,000	5,000	5,000	..	
201	....	..	..	Do. to Kamalapuram south side channel ..	..	..	1,000	1,000	1,000	..	
202	....	..	..	Kamalapuram north side channel	3,590	..	3,590	3,590	..	..	
203	....	..	..	Bantumilli do.	..	..	2,400	2,400	2,400	..	
				Total ..	7,411	107	15,704	15,811	8,400	..	
204	No. 590 I. of 20th Nov. 1889 ..	(3) O.	..	Demarcation stones along Bantumilli main distributary.	448	62	356	418	..	..	
205	No. 590 I. of 20th Nov. 1889 and Superintending Engineer's No. 2198 K.S. of 29th Nov. 1890.	..	..	Do. along left side channel of Bantumilli canal	30	14	16	30	..	..	
206	Superintending Engineer's No. 3199 K.S. of 24th March 1893.	..	..	Do. along Chennur Addacodu	20	..	20	20	..	..	
207	Superintending Engineer's No. 1032 K.S. of 5th Aug. 1891.	..	..	Do. along right side channel of Kamalapuram south side channel ..	150	24	126	150	..	..	
208	....	..	..	Do. along Kamalapuram north side channel.	134	..	134	134	..	..	
				Total ..	752	100	652	752	..	..	
				Total (3) Distributaries ..	27,071	7,960	28,111	36,071	9,000	..	
				Total, Bantumilli canal ..	1,36,811	92,443	56,918	1,49,361	12,550	..	
				Ellore canal.							
209	Superintending Engineer's No. 2244 K S. of 12th Dec. 1891.	(2) B.	..	Rest-house at Perikede	30	..	30	30	..	..	
210	No. 314 I. of 2nd June 1888 ..	(2) F.	32 29	Inlet	190	..	190	190	..	..	
211	Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876.	(2) I.	..	Kalaparru bridge towpath	430	..	430	430	..	..	
212	* Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876.	..	..	Ellore do.	455	..	455	455	..	..	
213	No. 304 I. of 7th April 1893 ..	..	..	Wharf wall at Ellore	11,300	402	10,898	11,300	..	..	
				Total ..	12,185	402	11,783	12,185	..	..	

Statement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Ellore canal—cont.							
214	No. 314 I. of 2nd June 1888 ..	(2) O.	9 75	Nakkalam cattle-crossing	436	..	436	436	..	..	
				Total (2) Main canals and branches ..	12,841	402	12,439	12,841	..	..	
215	No. 314 I. of 2nd June 1888 ..	(3) B.	11 70	Kesavapalli channel	200	..	200	200	..	..	
216	No. 226 I. of 13th March 1893 ..	..	14 30½	Ungutór channel	3,370	..	3,370	3,370	..	..	Lump sum.
217	Do. do. ..	..	..	Do right side channel	105	..	105	105	..	..	
218	Do. do. ..	..	..	Do. left do.	720	..	720	720	..	..	
219	No. 314 I. of 2nd June 1888 and 2 I. of 4th January 1892. ..	..	17 26	Ponukumad channel	910	..	910	910	..	..	
220	Do. do. ..	..	..	Do. right side channel	50	..	50	50	..	..	
221	Do. do. ..	..	..	Do. left do.	160	..	160	160	..	..	
222	No. 397 I. of 2nd May 1893 ..	..	..	Do. left side extension	310	..	310	310	..	..	
223	No. 226 I. of 13th March 1893 ..	..	20 41	Chirivada channel	2,489	..	2,489	2,489	..	..	
224	No. 65 I. of 21st January 1892 ..	..	22 36	Viravalli do.	1,640	..	1,640	1,640	..	..	
225	Do. do. ..	..	..	Do. right side channel	410	..	410	410	..	..	
226	No. 314 I. of 2nd June 1888 and No. 897 of 21st November 1891. ..	..	26 2	Kakulapad channel	1,030	..	1,030	1,030	..	..	
227	No. 635 I. of 9th July 1884 ..	..	36 20	Mupparru do.	450	..	450	450	..	..	
228	No. 373 I. of 28th April 1893 ..	..	..	Demarcating land for Madepalli channel	300	..	300	300	..	..	
229	No. 576 I. of 22nd July 1891 ..	..	..	Wutlur right side channel	137	..	137	137	..	..	
230	Do. do. ..	..	..	Do. left do.	130	..	130	130	..	..	
231	No. 2 I of 4th January 1892 ..	..	30 40	Pedapad channel	830	..	830	830	..	..	
232	Do. do. ..	..	..	Do. right side channel	110	..	110	110	..	..	
233	Do. do. ..	..	..	Do. deft do.	170	..	170	170	..	..	
234	No. 455 I. of 18th May 1893 ..	..	..	Do. do. extension	163	..	163	163	..	..	
235	No. 488 I. of 2nd June 1893 ..	..	28 60	Gogunta channel	1,930	..	1,930	1,930	..	..	
236	Do. do. ..	..	..	Do. right side channel	180	..	180	180	..	..	
237	Do. do. ..	..	..	Do left do.	340	..	340	340	..	..	
238	No. 496 I. of 6th June 1893 ..	..	40 10	Chataparru channel	910	..	910	910	..	..	
239	....	..	23 91	Tippanagunta channel	..	..	400	400	400	..	
				Total ..	17,044	..	17,444	17,444	400	..	

240	Para. 50 of the note printed in No, 3528 of 22nd Dec. 1876.	(3) C.	11 70	Kesarapalli channel	350	..	350	350	..	..	Lump sum.
241	No. 226 I. of 13th Mar. 1893 ..	..	14 30½	Ungutór do. head sluice	2,340	2	2,338	2,340	..	..	
242	Do. do. ..	..	..	Drop No. 1	600	..	600	600	..	..	
243	Do. do. ..	..	..	Do. ,, 2	350	..	350	350	..	..	
244	Do. do. ..	..	..	Tail escape	395	..	395	395	..	..	
245	Do. do. ..	..	20 41	Chirivada channel, head sluice	1,362	..	1,362	1,362	..	..	
246	Do. do. ..	..	..	Drop No. 1	685	..	685	685	..	..	
247	Do. do. ..	..	..	Do. ,, 2	570	..	570	570	..	..	
248	Do. do. ..	..	..	Do. ,, 3	430	..	430	430	..	..	
249	Do. do. ..	..	..	Do. ,, 4	450	..	450	450	..	..	
250	No. 635 I. of 9th July 1884 ..	..	..	Minor sluices, Mupparru channel	390	294	96	390	..	..	
251	No. 314 I. of 2nd June 1888 ..	(3) C.	39 43	Madepalli channel, under-tunnel	1,234	651	583	1,234	..	..	
252	Do. do. ..	..	39 54	Do. culvert	1,741	1,556	185	1,741	..	..	
253	Do. do. ..	..	39 73	Do. under-tunnel	1,234	798	436	1,234	..	..	
254	Do. do. ..	..	..	Do. (9) minor sluices	1,350	92	1,258	1,350	..	..	
255	No. 576 I. of 22nd July 1891 ..	..	..	Watlur channel drop	390	250	140	390	..	..	
256	No. 897 I. of 21st Nov. 1891 ..	..	..	Under-tunnel at 11,240 feet of Kakulapad channel	900	460	440	900	..	..	
257	Do. do. ..	..	..	Field masonry sluice, No. 1, left bank	140	4	136	140	..	..	
258	Do. do. ..	..	..	Do. ,, 2 do.	140	4	136	140	..	..	
259	Do. do. ..	..	..	Do. ,, 3 do.	150	..	150	150	..	..	
260	Do. do. ..	..	..	Do. ,, 4 do.	180	..	180	180	..	..	
261	Do. do. ..	..	..	Do. ,, 1, right bank	140	..	140	140	..	..	
262	Do. do. ..	..	..	Do. ,, 2 do.	180	..	180	180	..	..	
263	No. 397 I. of 2nd May 1893 ..	..	..	Improvements to left side vent, Punukumad left side channel	120	..	120	120	..	..	
264	Do. do. ..	..	..	Aqueduct do. do.	1,730	..	1,730	1,730	..	..	
265	No. 2 I. of 4th Jan. 1892 ..	..	..	Peddapad channel, drop No. 1	400	366	34	400	..	..	
266	Do. do. ..	..	..	Do. do. ,, 2	400	340	60	400	..	..	
267	Do. do. ..	..	..	Do. do ,, 3	370	318	52	370	..	..	
268	Do. do. ..	..	..	Four field masonry sluices	640	96	544	640	..	..	
269	No. 595 I. of 7th July 1893 ..	..	30 40	Road culvert to Punukollu road	680	148	532	680	..	..	
270	No. 65 I. of 21st Jan. 1892 ..	..	..	Viravalli channel, drop No. 1	320	99	221	320	..	..	
271	Do. do. ..	..	..	Do. do. ,, 2	320	93	227	320	..	..	
272	Do. do. ..	..	..	Do. do. ,, 3	290	84	206	290	..	..	
273	Do. do. ..	..	..	Do. field masonry sluice No. 1	190	5	185	190	..	..	
274	Do. do. ..	..	..	Do. do. ,, 2	210	2	208	210	..	..	
275	No. 488 I. of 2nd June 1893 ..	(3) C.	28 60	Gogunta channel, head sluice	2,380	..	2,380	2,380	..	..	
276	Do. do. ..	..	..	Do. drop No. 1	520	..	520	520	..	..	
277	Do. do. ..	..	..	Do. do. ,, 2	520	..	520	520	..	..	
278	Do. do. ..	..	..	Do. do. ,, 3	530	..	530	530	..	..	
279	Do. do. ..	..	..	Do. do. ,, 4	470	..	470	470	..	..	
280	No. 496 I. of 6th June 1893 ..	..	40 10	Chataparru channel, head sluice	1,050	..	1,050	1,050	..	..	
281	Do. do. ..	..	..	Do. drop No. 1	500	..	500	500	..	..	
282	Do. do. ..	..	..	Do. do. ,, 2	500	..	500	500	..	..	
283	Do. do. ..	..	23 1	Tippanagunta channel, masonry works	..	..	3,000	3,000	3,000	..	
				Total ..	27,841	5,662	25,179	30,841	3,000	..	
284	Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876.	(3) L.	11 70	Kesarapalli channel	650	..	650	650	..	..	Lump sum.
285	No. 226 I. of 13th Mar. 1893 ..	..	14 30½	Ungutur channel, excavation	4,560	..	4,560	4,560	..	..	
286	Do. do. ..	..	..	Do. earthenware pipes	460	..	460	460	..	..	
287	Do. do. ..	..	..	Ungutur right side channel, excavation	60	..	60	60	..	..	

Statement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Ellore canal—cont.							
288	No. 226 I. of 13th Mar. 1893 ..	..	..	Ungutur right side channel, earthenware pipes ..	70	..	70	70	..	..	
289	Do. do. ..	..	..	Ungutur left side channel, excavation ..	620	..	620	620	..	..	
290	Do. do. ..	..	..	Do. do. earthenware pipes ..	140	..	140	140	..	..	
291	No. 2 I. of 4th Jan. 1892, para. 50 of the note printed in G.O. No. 3528 of 22nd Dec. 1876. ..	..	..	Ponukumad channel, excavation	2,110	1,657	453	2,110	..	..	
292	No. 397 I. of 2nd May 1893 ..	..	..	Do. left side channel, extension ..	370	..	370	370	..	..	
293	Do. do. ..	..	..	Do. earthenware pipes	100	..	100	100	..	..	
294	Do. do. ..	..	..	Do. palmyra spouts	30	15	15	30	..	..	
295	No. 226 I. of 13th Mar. 1893, Para. 50 of the note printed in G.O. No. 3528 of 22nd Dec. 1876.	(3) L.	20 41	Chirivada channel, excavation	4,954	..	4,954	4,954	..	..	
296	Do. do. ..	..	..	Do. earthenware pipes	610	..	610	610	..	..	
297	No. 576 I. of 22nd July 1891 ..	..	..	Viravalli channel, box sluices and spouts	280	3	277	280	..	..	
298	Do. do. ..	..	..	Viravalli right side channel, excavation	280	247	33	280	..	..	
299	Do. do. ..	..	..	Do. do. palmyra spouts	20	..	20	20	..	..	
300	Do. do. ..	..	..	Kakulapad channel	1,950	1,461	489	1,950	..	..	
301	Do. do. ..	..	..	Do. six box sluices	300	..	300	300	..	..	
302	Do. do. ..	..	..	Side channel to Mupparru channel	408	313	95	408	..	..	
303	No. 303 I. of 7th April 1893 ..	..	..	Madepalli channel, extension	2,150	..	2,150	2,150	..	..	
304	No. 644 I. of 18th Sept. 1886 ..	..	39 11	Do. side channel	570	..	570	570	..	..	
305	Do. do. ..	..	..	Channel parallel to Ellore canal on left of do. ..	400	24	376	400	..	..	
306	Do. do. ..	..	..	Do. do. on right of do.	44	..	44	44	..	..	
307	Do. do. ..	..	..	Side channel right of Madepalli channel ..	43	..	43	43	..	..	
308	No. 488 I. of 2nd June 1893 ..	..	39 54	Gogunta channel, excavation	2,490	..	2,490	2,490	..	..	
309	Do. do. ..	..	28 60	Do. earthenware pipes ..	150	..	150	150	..	..	
310	Do. do. ..	..	..	Gogunta channel, right side channel, excavation ..	210	..	210	210	..	..	
311	Do. do. ..	..	..	Do. earthenware pipes ..	80	..	80	80	..	..	
312	Do. do. ..	..	..	Gogunta channel, left side channel, excavation ..	630	..	630	630	..	..	
313	Do. do. ..	..	..	Do. earthenware pipes ..	160	..	160	160	..	..	
314	No. 496 I. of 6th June 1893 ..	..	..	Chataparru channel, excavation	780	..	780	780	..	..	
315	Do. do. ..	..	..	Do. earthenware pipes ..	80	..	80	80	..	..	
316	No. 576 I. of 22nd July 1891 ..	..	..	Wutlur right side channel	292	214	78	292	..	..	
317	Do. do. ..	(3) L.	..	Pedapad channel	1,560	1,287	173	1,560	..	..	
318	No. 455 I. of 18th May 1893 ..	..	..	Do. left side channel, extension ..	1,377	..	1,377	1,377	..	..	
319	Do. do. ..	..	..	Tippanagunta channel	..	..	2,000	2,000	2,000	..	
				Total ..	28,988	5,321	25,667	30,988	2,000	..	

320	No. 467 I. of 17th Nov. 1886 ..	(3) O.	..	Madepalli channel, cattle-crossing	394	..	394	394	..	..	
321	Do. do. ..	..	..	Do. demarcation stones	..	..	300	300	300	..	
322	No. 226 I. of 13th Mar. 1893 ..	..	14 30½	Demarcation stones, Ungutur channel	260	..	260	260	..	..	
323	Do. do. ..	..	..	Do. right side channel of do. ..	10	..	10	10	..	..	
324	Do. do. ..	..	..	Do. left do. do. ..	40	..	40	40	..	..	
325	Do. do. ..	..	..	Do. Chirivada channel	250	..	250	250	..	..	
326	No. 897 I. of 21st Nov. 1891 ..	..	20 41	Do. Kakulapad channel	200	..	200	200	..	..	
327	Do. do. ..	..	..	Do. Ponukumad channel	140	25	115	140	..	..	
328	Do. do. ..	..	..	Do. do. right side channel ..	10	..	10	10	..	..	
329	Do. do. ..	..	..	Do. do. left side do. ..	20	..	20	20	..	..	
330	No. 397 I. of 2nd May 1893 ..	..	..	Do. do. do. extension ..	30	..	30	30	..	..	
331	No. 2 I. of 4th Jan. 1892 ..	..	..	Do. Pedapad channel	100	13	87	100	..	..	
332	Do. do. ..	..	..	Do. do. right side channel ..	12	2	10	12	..	..	
333	Do. do. ..	..	..	Do. do. left side do ..	50	12	38	50	..	..	
334	No. 455 I. of 18th May 1893 ..	..	..	Do. do. do. extension ..	60	..	60	60	..	..	
335	No. 576 I. of 22nd July 1891 ..	..	..	Do. Wutlur channel	50	12	38	50	..	..	
336	Do. do. ..	..	..	Do. do. right side channel ..	21	3	18	21	..	..	
337	Do. do. ..	..	..	Do. do. left do. ..	18	2	16	18	..	..	
338	No. 65 I. of 21st January 1892 ..	..	..	Do. Viravalli channel	140	4	136	140	..	..	
339	Do. do. ..	..	..	Do. do. right side channel ..	30	..	30	30	..	..	
340	No. 488 I. of 2nd June 1893 ..	..	..	Do. Gogunta channel	130	..	130	130	..	..	
341	Do. do. ..	..	28 60	Do. do. right side channel ..	30	..	30	30	..	..	
342	Do. do. ..	..	..	Do. do. left side do. ..	50	..	50	50	..	..	
343	No. 496 I. of 6th June 1893 ..	(3) O.	..	Do. Chataparru channel	140	..	140	140	..	..	
				Total ..	2,185	73	2,412	2,485	300	..	
				Total (3) Distributaries ..	76,058	11,056	70,702	81,758	5,700	..	
344	No. 314 I. of 2nd June 1888 ..	(4) B.	8 40	Nakkalam drain	160	..	160	160	..	..	
345	Do. do. ..	..	10 20	Kesavapalli do.	308	..	308	308	..	..	
346	Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876 ..	..	16 0	Avatipalli do.	300	..	300	300	..	..	
347	Do. do. ..	..	17 0	Atukur drain	80	..	80	80	..	..	
348	Do. do. ..	..	19 0	Pottipad drain	50	..	50	50	..	..	
349	No. 314 I. of 2nd June 1888 ..	..	..	Ampapuram do.	255	..	255	255	..	..	
350	No. 314 I. of 2nd June and No. 410 I. of 14th May 1891. ..	..	23 10	Viravalli do.	250	..	250	250	..	..	
351	Do. do. ..	..	25 5	Narasanapalem drain	90	..	90	90	..	..	
352	Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876. ..	..	24 0	Canumole drain	225	..	225	225	..	..	
353	Do. do. ..	..	27 0	Perikeed do.	170	..	170	160	..	..	
354	Do. do. ..	..	28 0	Ramileru do.	80	..	80	80	..	..	
355	No. 314 I. of 2nd June 1888 ..	..	29 70	Totagudem do.	50	..	50	50	..	..	
356	Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876. ..	..	31 0	Punukollu do.	40	..	40	40	..	..	
357	No. 314 I. of 2nd June 1888 ..	..	33 40	Pedapad do.	100	..	100	100	..	..	
358	Do. do. ..	..	..	East Tammiluru flood bank	80	..	80	80	..	..	
359	Para 50 of the note printed in No. 3528 of 22nd Dec. 1876. ..	..	35 77	Wutlur drain	70	..	70	70	..	..	
360	Do. do. ..	..	37 10	West Tammileru drain	300	..	300	300	..	..	
361	Do. do. ..	..	39 5	Jalipudi drain	100	..	100	100	..	..	
362	No. 653 I. of 13th Nov. 1890 ..	..	..	Compensation for Budameru widening ..	480	..	480	480	..	..	

Statement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total.			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Ellore canal—cont.							
363	No. 495 I. of 9th Sept. 1890 ..	..	..	Compensation for raising the Budameru flood bank from Moparru to Aripirala.	104	..	104	104	..	..	
				Total ..	3,292	..	3,292	3,292	..	..	
364	....	(4) C.	..	Ten foot bridges across drains	..	..	5,000	5,000	5,000	..	
365	Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876.	(4) L.	27 0	Perikeed drain	300	..	300	300	..	..	
366	Do. do. ..	..	28 0	Ramileru do.	60	..	60	60	..	..	
367	Do. do. ..	..	31 0	Punukollu do.	20	..	20	20	..	..	
368	Do. do. ..	..	35 77	Wutlur do.	300	..	300	300	..	..	
369	Do. do. ..	..	37 10	West Tammileru drain	2,500	..	2,500	2,500	..	..	
370	Do. do. ..	..	39 5	Jalipudi drain	300	..	300	300	..	..	Lump sum.
371	Do. do. ..	..	..	East Tammileru drain	2,165	..	2,165	2,165	..	..	Lump sum.
372	No. 314 I. of 2nd June 1888 ..	..	8 40	Nakkalam drain	425	..	425	425	..	..	
373	Para. 50 of the note printed in No. 3528 of 22nd Dec. 1876.	..	10 21	Kesavapalli do.	300	..	300	300	..	..	
374	Do. do. ..	..	16 0	Avatapalli do.	400	..	400	400	..	..	
375	Do. do. ..	..	17 0	Atukur do.	490	..	490	490	..	..	
376	Do. do. ..	..	19 0	Pottipad do.	150	..	150	150	..	..	
377	No. 314 I. of 2nd June 1888 ..	..	21 20	Anipapuram drain	3,187	1,835	1,352	3,187	..	..	
378	Para. 58 of the note printed in No. 3528 of 2nd Dec. 1876	..	22 50	Nellivagu do.	830	..	830	830	..	..	
379	Do. do. ..	..	24 0	Cannmole do.	1,465	..	1,465	1,465	..	..	
380	No. 653 I. of 13th Nov. 1890 ..	..	..	Widening the last 3 miles of the Budameru	19,120	15,248	3,872	19,120	..	..	
381	No. 495 I. of 9th Sept. 1890 ..	..	..	Raising flood bank to the Budameru	4,946	3,085	1,861	4,946	..	..	
				Total ..	36,958	20,168	16,790	36,958	..	..	
				Total, (4) Drainage and protective works ..	40,250	20,168	25,082	45,250	5,000	..	
				Total, Ellore canal ..	1,29,149	31,626	1,08,223	1,39,849	10,700	..	
				Ryves canal.							
382	No. 146 I. of 12th Feb. 1885 ..	(3) B.	..	Dosapad channel	6,960	4,298	2,662	6,960	..	..	
383	No. 354 I. of 11th May 1886 ..	..	..	Juvvanapudi branch of Kunderu channel	1,782	1,620	162	1,782	..	..	
384	No. 406 I. of 25th July 1890 ..	..	..	Aripirala branch	1,070	..	1,070	1,070	..	..	
385	Do. do. ..	..	..	Pamalapad branch	550	..	550	558	..	..	
386	No. 679 I. of 31st July 1893 ..	..	..	Bhumicodu from Dosapad channel	83	..	83	83	..	..	
387	....	..	..	Side channel from left bank of Dosapad channel at 10 miles 300 feet.	220	..	220	220	..	..	
388	Do. do. ..	..	..	Left side channel of Dosapad channel from below Aripirala branch, head sluice.	510	..	510	510	..	..	
				Total ..	11,175	5,918	5,257	11,175	..	..	
389	Do. do. ..	(3) C.	..	Aripirala Panta Codu, head sluice	390	156	234	390	..	..	
390	No. 395 I. of 2nd May 1893 ..	..	..	Dam at 2 miles 5 furlongs of Neharalli codu	560	..	560	560	..	..	
391	Do. do. ..	..	..	Dam at 5 miles 17 chains of do.	480	..	480	480	..	..	
392	....	..	..	Head sluice to left side channel of Dosapad channel from below Aripirala branch, head suice.	620	..	620	620	..	..	
393	....	..	..	Road culvert to Perikeed road	430	..	430	430	..	..	
394	No. 395 I. of 2nd May 1893 ..	..	..	Sluice to Bhumicodu	360	..	360	360	..	..	
395	Do. do. ..	..	..	Do. right side channel	300	..	300	300	..	..	
396	Do. do. ..	..	..	Do. left do. do.	270	..	270	270	..	..	
397	Do. do. ..	..	..	Do. Tamirasa do.	300	..	300	300	..	..	
398	Do. do. ..	..	..	Do Rachacodu	260	..	260	260	..	..	
399	No. 354 I. of 11th May 1886 ..	..	..	Masonry works	2,666	..	2,666	2,666	..	..	
400	No. 679 I. of 31st July 1893 ..	..	..	Sluice to Bhumicodu from Dosapad channel	550	..	550	550	..	..	Lump sum.
401	Do. do. ..	..	..	Tail escape to do. do.	142	..	142	142	..	..	
402	....	..	..	Head sluice to side channel from left bank of Dosapad channel at 10 miles 300 feet.	680	..	680	680	..	..	
403	....	..	..	Head sluice at 11 miles of Dosapad channel	..	..	1,500	1,500	1,500	..	
404	No. 649 I. of 24th July 1893 ..	..	..	Pipe sluices in right bank of Dosapad channel	530	..	530	530	..	..	
				Total ..	8,538	156	9,882	10,038	1,500	..	
405	No. 799 I. of 9th October 1882 ..	(3) L.	..	Enlarging and improving minor channels	118	..	118	118	..	..	
406	No. 395 I. of 2nd May 1893 ..	..	..	Bhumicodu	139	..	139	139	..	..	Lump sum.
407	Do. do. ..	..	..	Do. right side channel	399	..	399	399	..	..	
408	Do. do. ..	..	..	Do. left do.	282	..	282	282	..	..	
409	Do. do. ..	..	..	Tamirasa channel	990	..	990	990	..	..	
410	No. 354 I. of 11th May 1886 ..	..	..	Earthwork	8,680	132	8,548	8,680	..	..	
411	....	..	..	Improvements to Kunderu channel	..	..	2,000	2,000	2,000	..	Lump sum.
412	....	..	..	Do. Mastaphankhancodu	..	..	6,000	6,000	6,000	..	
413	....	..	..	Do. North side channel of Dosapad channel.	..	..	3,000	3,000	3,000	..	
414	....	..	..	Do. Aripirala branch	..	..	1,000	1,000	1,000	..	
415	....	..	..	Left side channel from Dosapad channel from below Aripirala branch, head sluice.	443	..	443	443	..	..	
416	....	..	..	Improvements to south side channel of Dosapad channel.	..	..	1,000	1,000	1,000	..	
417	....	..	..	Side channel from left bank of Dosapad channel, 10 miles 300 feet.	400	..	400	400	..	..	
418	No. 679 I. of 31st July 1893 ..	..	..	Excavating Bhumicodu channel	535	..	535	535	..	..	
				Total ..	11,986	132	24,854	24,986	13,000	..	

Statement showing the principal items on which expenditure will have to be incurred after 31st March 1893 in completing Delta works, II Circle—*cont.*

No.	Proceedings of the Madras Government or other authority.	Main and sub head.	Mileage.	Names of works.	Amount of sanctioned estimate.	Expenditure			Increase.	Decrease.	Remarks.
						Expenditure incurred to end of 1892-93.	Further expenditure.	Total			
1	2	3	4	5	6	7	8	9	10	11	12
			M. CH.	KISTNA EASTERN SECTION—*cont.*	RS.	RS.	RS.	RS.	RS.	RS.	
				Ryves canal—cont.							
419	No. 354 I. of 11th May 1886 ..	(3) O.	..	Kunderu channel, cattle ramp at Katur	197	..	197	197	..	..	
420	No. 563 I. of 16th July 1891 ..	..	..	Do. demarcation stones	330	..	330	330	..	..	
421	Do. do. ..	..	..	Lingavaram channel do.	240	..	240	240	..	..	
422	Do. do. ..	..	..	Neharalli codu do.	410	79	331	410	..	..	
423	Do. do. ..	..	..	Juvvanapudi branch channel	260	..	260	260	..	..	
424	Do. do. ..	..	..	Dosapad channel do.	800	..	800	800	..	..	
425	Do. do. ..	..	..	Kalavapamula branch do.	200	..	200	200	..	..	
426	Do. do. ..	..	..	Komatiganta channel do.	240	..	240	240	..	..	
427	....	..	..	Demarcation stones for left side channel of dosapad channel from below Aripirala branch head sluice.	27	..	27	27	..	..	
428	No. 563 I. of 16th July 1893 ..	..	..	North side channel of Dosapad channel from below Aripirala branch channel, head sluice	400	..	400	400	..	..	
429	....	..	..	Demarcation stones for side channel from left bank of Dosapad channel at 10 miles 300 feet.	30	..	30	30	..	..	
430	....	..	..	Improvements to ramps on Dosapad channel and providing revetments.	..	..	3,000	3,000	3,000	..	
				Total ..	3,134	79	6,055	6,134	3,000	..	
				Total (3) Distributaries ..	34,833	6,285	46,048	52,333	17,500	..	
				Total, Ryves canal ..	34,833	6,285	46,048	52,333	17,500	..	
				Bank canal.							
431	....	(2) B.	..	Compensation	..	..	5,000	5,000	5,000	..	
				Total (2) Main canals and branches	..	..	5,000	5,000	5,000	..	
				Total, Bank canal ..	..	..	5,000	5,000	5,000	..	
				Drain from Inampudi aqueduct to Dayyapu calva.							
432	No. 962 I. of 14th Nov. 1885 ..	(4) B.	..	Compensation for land	5,710	1,849	3,861	5,710	..	..	

				Uppalur drain.							
433	Appendix D of No. 181 I. of 28th Feb. 1892 and No. 962 I. of 14th Nov. 1885.	(4) C.	..	Masonry works	6,717	..	6,717	6,717	..	..	Lump sum.
434	Do. do. ..	(4) L.	..	Earthwork	4,469	..	4,469	4,469	..	..	Do.
435	Do. do. ..	(4) O.	..	Miscellaneous works	261	..	261	261	..	..	
				Total, Uppalur drain ..	11,447	..	11,447	11,447	..	..	
				Chendraya drain.							
436	No. $\frac{369}{A}$ I. of 4th May 1883 ..	(4) O.	..	Bench marks	1,150	..	1,150	1,150	..	..	
437	Appendix D of No. 181 I. of 28th Feb. 1882.	..	..	Other masonry works	1,969	..	1,969	1,969	..	..	
438	No. 536 I. of 16th July 1891 ..	..	..	Demarcation stones	1,740	141	1,599	1,740	..	..	
				Total ..	4,859	141	4,718	4,859	..	..	
				Total, Chendraya drain ..	4,859	141	4,718	4,859	..	..	
				Polraz drain.							
439	No. 493 I. of 25th May 1892 ..	(4) C.	..	Rolled iron girder bridge across Polraz drain for Bantumilli-Gudivada road at Mudanapalli.	7,400	2,785	4,615	7,400	..	..	
440	* Appendix D of G.O. No. 181 I. of 28th Feb. 1882.	..	..	Masonry works	14,128	..	14,128	14,128	..	..	Lump sum.
				Total ..	21,528	2,785	18,743	21,528	..	..	
441	* No. 962 I., of 14th Nov. 1885 ..	(4) L.	..	Earthwork	13,709	..	13,709	13,709	..	..	Lump sum.
442	Appendix D of No. 181 I. of 28th Feb. 1882.	(4) O.	..	Demarcation stones	190	..	190	190	..	..	
				Total, Polraz drain ..	35,427	2,785	32,642	35,427	..	..	
				Pullava drain.							
443	No. 128 I. of 5th Feb. 1884 ..	(4) C.	..	Outlet sluices	2,505	..	2,505	2,505	..	..	
444	Superintending Engineer's No. 2953 K.S. of 7th Mar. 1892.	(4) O.	..	Demarcation stones along Veduruva affluent ..	65	..	65	65	..	..	
445	Do. do. ..	..	..	Do. Annava affluent	80	..	80	80	..	..	
446	Do. do. ..	..	..	Do. Pullava drain	140	..	140	140	..	..	
447	Superintending Engineer's No. 962 K.S. of 22nd July 1889.	..	..	(6) Cattle crossing along Pullava main drain	719	320	399	719	..	..	
448	Do. do. ..	..	..	(4) Do. Veduruva affluent	277	..	277	277	..	..	
449	Do. do. ..	..	..	(4) Do. Annava do.	295	110	185	295	..	..	
				Total ..	1,576	430	1,146	1,576	..	..	
				Total, Pullava drain ..	4,081	430	3,651	4,081	..	..	