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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue DEPARTMENT

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Proceedings of the Madras Government, Revenue Department,
5th February 1877.

Famine Relief.

No. 109. Read the following paper :—

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date.

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
	GODAVERY DISTRICT.	RS.		RS.
Western Delta ..	Western Delta Canal, Attali—Improving Moyeru Channel	2,050	No. 33 of 1876-77.	549
	Completion of the Eastern Delta Project Mundapett Canal—			
Eastern Delta ..	Lock, Thepeswarum	18,370		17,699
Do. ..	Do. weir do.	2,850		2,651
Do. ..	Do. do., Pasalapoody	530		729
Do. ..	Mundapett canal earth-work ..	12,700		12,700
Do. ..	Compensation	3,273		5
Do. ..	Tunnels under Nadoorubuda channel.	300		315
Do. ..	Regulating dam, Mundapett channel.	320		294
Do. ..	Head sluice, Chodaram channel, moiety of cost of.	450		491
Do. ..	Head sluice, Macharam channel ..	87		30
Do. ..	Do. to channel left bank canal, at 6½ miles.	580		..
Do. ..	Head sluice to channel right bank canal, at 8¾ miles.	600	No. 35 do.	123
Do. ..	Head sluice to channel left bank, 11 miles.	620		128
Do. ..	Head sluice to Ramachendrapoor channel left bank, 18 miles.	910		..
Do. ..	Head sluice to Chelloor and Moochamilly channel right bank.	600		..
Do. ..	Side channel left bank canal ..	1,466		..
Do. ..	Channel left bank, 6½ miles.. ..	2,600		..
Do. ..	Do. right bank, 8¾ do.	1,670		..
Do. ..	Do. Macharam	1,351		..
Do. ..	Do. Chodaram	157		..
Do. ..	Do. to drain Somaswaram lands ..	159		..
Ellur	Reconstructing a part of the west flood embankment between Vijeshweram and Polaveram.	7,000	No. 62 do.	5,335
Do.	Embankment and road from Vijeshweram to Polaveram.	1,48,730	No. 107 do.	37,027
Eastern Delta ..	Cocanada Canal—			
	Head sluices and dams	14,265		12,834
	Minor channels	11,280		8,503
Do. ..	Coringa Canal—			
	Head sluices and dams	10,586		8,965
	Minor channels	3,800		1,259
Do. ..	Mundapett Canal—			
	Head sluices and dams	4,467		1,396
	Minor channels	7,403	No. 108 do.	..
Do. ..	Ingeram Canal—			
	Head sluices and dams	2,010		1,581
	Minor channels	4,670		3,976
Do. ..	Sa[illegible]ottah Canal—			
	Head sluices and dams	6,400		5,409
	Minor channels	8,610		4,142
Do. ..	Cocanada Canal—			
	Head sluice	810	No. 109 do.	..
	Minor channel	850		
Ellur ..	Gopalapuram Bollah Tank—			
	Constructing a masonry weir ..	1,585	No. 110 do.	..
Eastern Delta ..	Cocanada Canal—			
	Thosepudi north side channel ..	2,620		2,620
	Aqueduct on Thosepudi south side channel.	830	No. 140 do.	830
	Aqueduct on Madapad south side channel.	652		652

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date.—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
		RS.		RS.
	GODAVERY DISTRICT.—(*Contd*).			
	Embankment left bank of Godavery and Gowtami, Godavery, Rajahmundry to Yanam.	57,990	No. 155 of 1876-77.	..
Eastern Delta ..	Coringa Canal—			
	Masonry weir	924	No. 118 do.	899
Ellur ..	Improvements to irrigation under Bayana weir.	15,811	No. 163 do.	..
Western Delta ..	Western Section—			
	Main Canal—			
	Improvements to head sluice ..	14,400		8,179
	Do. do. ..	36,750		26,146
	Compensation for land	2,500		..
Do. ..	Junction Canal—			
Do. ..	Compensation	100		23
Do. ..	Surplus weir at Nandamur ..	11,697		..
Do. ..	Double lock at Muddapalli ..	40,100		40,060
Do. ..	Do. weir at do. ..	4,500		..
Do. ..	Earth-work	20,966		20,966
Do. ..	Closing the old Nandamur lock channel.	855		855
Do. ..	Rest-house at Chettipetta ..	2,899		2,899
Do. ..	Do. Peravelly ..	3,055	No. 175 do.	3,055
Do. ..	Do. Thattapulligudem ..	3,027		3,027
Do. ..	Do. Koder	3,045		2,981
Do. ..	Do. Nursapur	700		700
Do. ..	Do. Attili	2,900		2,964
Do. ..	Do. Bheemavaram ..	2,900		2,808
Do. ..	Do. Akeed	2,900		869
Do. ..	Bungalow, Prattipaud	579		..
Do. ..	Inspection-house, Prattipaud ..	96		..
	Compensation for land for rest-house, Peravelly.	800		..
Do. ..	Compensation for land for rest-house, Attili, Bheemaveram, Akeed.	96		..
	Venkiah and Weyeru Canal—			
Do. ..	Chilakampad escape	1,565		1,565
Do. ..	Sluice to Kollapurru channel ..	900		..
Do. ..	7 Dam below do. ..	210		..
Do. ..	5 do.	190		..
Do. ..	Sluice, Madivada channel ..	470		..
Do. ..	Do. Azzamur do. ..	500		..
Do. ..	Tunnel, do. do. ..	700		..
Do. ..	Sluice, Akeed channel	400		..
Do. ..	Do. Gummulur channel ..	650		..
Do. ..	Do. Dumpagadapa do. ..	650	No. 175 do.	..
Do. ..	Do. Cherukunulli	850		..
Do. ..	Do. Yelurpad	540		424
Do. ..	7 Sluices above Parimalla lock ..	4,050		..
Do. ..	Channel, Kollapuru	1,660		..
Do. ..	Do. Gummulur	400		..
Do. ..	Do. Madivada	190		..
Do. ..	Do. Azzamur	540		..
Do. ..	Do. Cherukumilli	960		..
Do. ..	Do. Yelurpad	539		..
	Embankment right bank of Gowtami, Godavery, and Vasista Gowtami, Godavery, Head of Central Delta to Makallippa.	73,750	No. 2[illegible] do.	..

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
		RS.		RS.
	GODAVERY DISTRICT.—(*Concluded*).			
Western Delta ..	Attali Canal—			
	Cattle crossings	2,400	No. 208 of 1876-77.	1,004
	River Embankments—			
	Raising embankment of Vasista Godavery left bank from head of Central Delta to Gunnaram aqueduct.	34,400	No. 210 do.	..
Do. ..	Mundapetta Canal—			
	Sloping and gravelling cattle crossings.	1,845	No. 255 do.	..
	KISTNA DISTRICT.			
	Building sheds for Lock Establishment.			
	Eastern Delta—			
	Masulipatam canal	5,250		
	Pulleru channel	400		
	Ellore canal	400		
	Buntumilly canal	650		
	Western Delta—		No. 4 do.	..
	Main canal	1,050		
	Nizampatam canal	3,450		
	Western bank canal	1,050		
	Commamore canal	1,250		
Masulipatam ..	Revision of Kistna Western Delta Completion estimate.	2,230	No. 22 do.	2,102
Do. ..	Viswanadapally Pulwartivari Tank—			
	Repairing the bund	420	No. 159 do.	249
Do. ..	Marupalliem Digalapalem Tank Supply Channel—			
	Repairing the supply channel banks.	200	No. 181 do.	150
	NELLORE DISTRICT.			
Nellore, Southern.	Improving south flood bank of Pennair from Nursemukondah to Anicut.	42,800	No. 85 do.	22,456
Do. ..	Do. south flood bank of Pennair from anicut to the sea.	61,450	No. 86 do.	13,280
D ..	Closing Mudivertipalom breach ..	7,270	No. 87 do.	7,0[illegible]
Nellore, Central.	Kalwoy Tank—			
	Reconstructing an irrigation sluice.	3,500	No. 153 do.	2,7[illegible]9
	Nellore Tank—			
Southern.	Constructing surplus weir ..	15,600	No. 160 do.	10,245
	NORTH ARCOT DISTRICT.			
Walaja	Raising and strengthening the bund of the Periangadoo tank.	2,100	No. 6 do.	1,098
Do. ..	Constructing a masonry weir in the Periangadoo tank.	1,030		1,023
Do. ..	Raising and repairing the bund of Periangoopum tank.	1,200	No. 7 do.	962
Do.	Constructing a masonry weir in the Periangoopum tank.	340		339
Vellore	Raising and repairing the bund, closing the breaches, and repairing the sluice of the Periangoopum large tank.	3,700	No. 8 do.	1,573

List of Estimates sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
	NORTH ARCOT DISTRICT—(*Continued*).	Rs.		Rs.
Vellore ..	Extending the raising weir and raising the revetment of the bund of the Periangecoopum large tank.	1,730	No. 8-I of 1876-77.	700
Do. ..	Raising and repairing the bund and repairing the sluice of the Periangecoopum Chittary tank.	820	} No. 9-I do.	218
Do. ..	Constructing a rough stone escape in the Periangecoopum Chittary tank.	155		12
Do. ..	New revetment to bund of Periangecoopum Chittary tank.	235		..
Do. ..	Raising and repairing the bund and closing the breaches, also revetting the bund with new stones of the Ponnaghur tank.	3,250	} No. 13-I do.	584
Do. ..	Constructing a masonry weir in the Ponnaghur tank.	580		20
Do. ..	Raising and repairing the bund closing breaches and grass planting in the Malipalam tank.	2,200	} No. 14 do.	599
Do. ..	Improving the existing weir and reconstructing an irrigation sluice of the Malipalam tank.	990		362
Do. ..	Raising and repairing the bund, and planting grass in the Kalpathoor large tank.	1,350	} No. 15 do.	456
Do. ..	Improving the existing weir in the Kalpathoor large tank.	820		5
Do. ..	Constructing a masonry weir to the Kalpathoor large tank.	490		..
	Raising and repairing the bund and also repairing escape of Maneyantheram large tank.	1,275	} No. 16 do.	..
	Constructing a new masonry escape in the Maneyantheram large tank.	425		
	Reconstructing two irrigation sluices in the Maneyantheram large tank.	710		
	Raising and repairing the bund and also repairing escape of Yellanagarum tank.	1,480	} No. 17 do.	..
	Reconstructing the irrigation sluices in Yellanagarum tank.	530		
Polur ..	Raising and repairing the bund of Seesamungalum tank.	2,900	} No. 18 do.	330
Do. ..	Constructing a masonry weir of Seesamungalum tank.	1,500		1,46
Do. ..	Improving the north-west weir of Seesamungalum tank.	115		11
Do. ..	Blocking up old calingulah with masonry and raising wing walls of the same in the Seesamungalum tank.	270		104
Do. ..	Constructing a head and rear cistern to the irrigation sluice in the Seesamungalum tank.	105	} No. 18 do.	105
Do. ..	Constructing a sluice at the head of the Cheeroomany supply channel of Seesamungalum tank.	280		140
Chittur ..	Raising and repairing the bund of Veeraragavareddy tank.	360	} No. 9 do.	..
Do. ..	Constructing a masonry weir in Veeraragavareddy tank.	630		

List of Estimates sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
	NORTH ARCOT DISTRICT—(*Continued*).	Rs.		Rs.
Chittur ..	Extending the revetment of the bund of the Veeraragavareddy tank.		No. 19 of 1876-77.	..
Do. ..	Reconstructing the irrigation sluice in Veeraragavareddy tank.	660		338
Walaja ..	Raising and strengthening the bund, closing the breach, and repairing sluice and calingulah of Seethavanathan tank.	920	No. 23 do.	
Do. ..	Constructing a loose stone escape in Seethavanathan tank.	260		..
Chittur ..	Raising and repairing the bund of the Alathoor Otary tank.	730	No. 24 do.	..
Do. ..	Constructing a weir in the Alathoor Otary tank.	410		
Do. ..	Raising and repairing the bund and closing breaches in the Sucalagunta tank of Bonaveryputty.	100	No. 25 do.	..
Do. ..	Constructing an irrigation sluice in place of the one which was washed away in the Sucalagunta tank of Bonaveryputty.	45		
Do. ..	Extending the existing weir in the Sucalagunta tank of Bonaveryputty.	155		
Do. ..	Raising and repairing the bund and closing the breach in the Thurthum large tank.	1,050	No. 26 do.	..
Do. ..	Constructing an irrigation sluice to replace the old one washed away in the Thurthum large tank.	730		
Do. ..	Extending the existing weir in the Thurthum large tank.	600		
Vellore ..	Velary Tank— Raising and repairing the bund and planting nanel grass.	675	No. 80 do.	141
Do. ..	Reconstructing an irrigation sluice.	480		..
Do. ..	Constructing a loose stone escape ..	320		..
Do. ..	Palayanore Tank— Repairing the bund, planting nanel grass, and repairing sluice.	4,400	No. 81 do.	1,721
Do. ..	Improving and extending present calingulah and converting it into a weir.	410		..
	Keelpaudy Tank— Repairing the bund	1,010	No. 82 do.	94
Do. ..	Constructing a loose stone escape ..	130		..
Do. ..	Reconstructing an irrigation sluice.	580		..
Do. ..	Oyalay Chittary Tank— Repairing the bund and closing breach and repairing the sluice.	215	No. 83 do.	..
Do. ..	Constructing a loose stone escape ..	75		
Do.	Jay large Tank— ing and repairing the bund, closing the breaches, and also repairing an irrigation sluice and supply channel.	900	No. 8 do.	..
Do. ..	Constructing a loose stone escape ..	80		
Polur ..	Oogoor Chittary— Raising and repairing the bund ..	410	No. 10 do.	233
Do.	Constructing a masonry escape ..	195		151
Do.	Reconstructing an irrigation sluice.	85		51

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
		RS.		RS.
	NORTH ARCOT DISTRICT—(*Continued*).			
	Gunnamanoo Tank—			
Polur ..	Raising and repairing the bund and closing the breaches.	888	No. 102 of 1876-77.	453
Do. ..	Constructing a dry stone escape ..	112		..
	Arnagherrymungalum Pashiya Tank—			
Do. ..	Raising and repairing the bund and rebuilding sluice.	730	No. 103 do.	..
Do. ..	Constructing a masonry weir ..	230		..
	Arnagherrymungalum large Tank—			
Do. ..	Raising and repairing the bund and repacking the revetment and planting nanel.	1,200	No. 104 do.	736
Do. ..	Constructing a masonry escape ..	350		..
	Coracotta Tank—			
Do. ..	Raising and repairing the bund, repacking the revetment, and reconstructing the head of present sluice.	1,300	No. 105 do.	794
Do. ..	Constructing a masonry escape ..	320		..
	Coonumbody Tank—			
Do. ..	Repairing the bund and closing the breach.	280	No. 119 do.	170
Do. ..	Dry stone escape	170		..
	Pathiry large Tank—			
Do. ..	Repairing the bund, &c.	780	No. 120 do.	766
Do. ..	Dry stone escape	130		..
	Keelathoor Tank—			
Do. ..	Repairing the bund, &c., and closing the breaches.	910	No. 121 do.	536
Do. ..	New stone revetment for breaches ..	100		75
Do. ..	Masonry escape	225		176
Chittur ..	Brumhapuram Nagul Tank—			
	Repairing the bund and repacking the revetment.	775	No. 122 do.	..
	Raising the revetment	240		
	Rebuilding the masonry escape ..	150		
Polur ..	Alhabad Anicut, Cumendalanadhy River—			
	Cut stone apron	1,484	No. 123 do.	356
Do. ..	Repointing the old apron ..	116		..
	Veeraloor Poothary Tank—			
	Repairing the bund and closing the breaches.	685	No. 124 do.	..
	Irrigation sluices	338		
Do. ..	Masonry escape	359		
	Veeraloor large Tank—			
	Repairing the bund and revetment.	1,330	No. 125 do.	841
	Masonry escape	315		..
Do. ..	Irrigation sluice	168		..
	Sengapoothoor Tank—			
	Repairing the bund	950	No. 126 do.	300
	Masonry escape	230		..
Do. ..	Irrigation sluice	65		..
	Sumbadaventangul Tank—			
	Repairing the bund	300	No. 127 do.	111
Do. ..	Escape	92		..
	Sengonum Tank—			
	Repairing the bund and revetment.	1,300	No. 128 do.	929
	Masonry escape	270		..
	Irrigation sluice	270		..

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
		RS.		RS.
	NORTH ARCOT DISTRICT—(*Continued*).			
Chittur ..	Malumundalum Tank—			
	Repairing revetment, sluice and canangulah.	1,200	No. 130 of 1876-77.	..
	Irrigation sluice	400		
	Weir	510		
	Cordam or weir	580		
Do. ..	Gengatharanellore Tank—			
	Repairing the bund and revetment.	790	No. 131 do.	..
	Rebuilding the west weir ..	640		
	East weir	570		
	Repairing sluices ..	680		
Polur ..	Agaracoracottah Tank—			
	Repairing the bund	600	No. 132 do.	477
	Escape	130		110
Do. ..	Cadagamboondy Tank—			
	Repairing the bund	430	No. 133 do.	391
	Dry stone escape	120		..
	Narayan Tangle—			
	Closing the breaches, raising the bund, and turfing.	930	No. 156 do.	..
	Constructing a masonry weir ..	700		
Walaja ..	Pellaveda Tank—			
	Raising and repairing the bund ..	990	No. 157 do.	..
	Constructing an escape	210		
Do. ..	Culput Tank—			
	Raising and repairing the bund ..	570	No. 158 do.	..
	Constructing an escape	245		
Polur ..	Reddycooppum Chittary Tank—			
	Repairing the bund and irrigation sluice.	225	No. 190 do.	..
	Dry stone escape	105		
Do. ..	Reddycooppum large Tank—			
	Repairing the bund	410	No. 191 do.	..
	Reconstructing irrigation sluices ..	245		
	Dry stone escape	125		
Do. ..	Sancaranthy Tank—			
	Repairing the bund and irrigation sluice.	240	No. 192 do.	..
	Dry stone escape	160		
Do. ..	Nagarunthul large Tank—			
	Repairing the bund	170	No. 193 do.	..
	Reconstructing irrigation sluices ..	274		
	Dry stone escape	76		
Do. ..	Japthykarany Tank—			
	Repairing the bund	560	No. 194 do.	..
	Dry stone escape	125		
Do. ..	Manickamungalum Tank—			
	Repairing the bund	600	No. 195 do.	..
	Extending the rough stone escape.	65		
Do. ..	Poorasay Tank—			
	Improvements	11,550	No. 170 do.	1,236
	Repairing	10,150		6,070
Do. ..	Velamangal Tank—			
	Repairing the bund	75	No. 196 do.	..
	Reconstructing irrigation sluice ..	214		
	Dry stone escape	96		
Do. ..	Punthamungalum Tank—			
	Repairing the bund	135	No. 197 do.	..
	Reconstructing irrigation sluices ..	200		
	Dry stone escape	110		

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
	NORTH ARCOT DISTRICT—(*Continued*).	Rs.		Rs.
Polur	Yethythangal Tank—			
	Repairing the bund	85		
	Reconstructing irrigation sluice ..	215	No. 198 of 1876-77.	..
	Dry stone escape	74		
Do. ..	Yenthal Tank—			
	Repairing the bund	430		
	Reconstructing an irrigation sluice ..	305	No. 199 do.	..
Do. ..	Dry stone escape	155		
	Karicovachan Tank—			
	Dry stone escape	105	No. 200 do.	..
	Agarala Pedda Calvah—			
	Clearing the channel	1,480	No. 201 do.	..
	Thondavadu Yaguva Calvah—			
	Clearing the channel	820	No. 202 do.	..
	Cotaramungalum Tank—			
	Lower apron and retaining wall to surplus weir.	152	No. 210 do.	..
Vellore ..	Oyalay large Tank—			
Do. ..	Dam in supply channel	1,070	No. 224 do.	..
	Velary Tank—			
	Regulating weir	560	No. 225 do.	..
	Puinapady Tank—			
	Escape	280		
	Reconstructing an irrigation sluice.	560		
	Irrigation sluice	210	No. 226 do.	..
	Repairing the bund and planting grass.	1,010		
Polur ..	Arnagherrymungalum Pashiya Tank—			
	Raising and repairing the bund and rebuilding sluice.	761	No. 233 do.	..
Do. ..	Constructing a masonry weir ..	230		
	Coonumbady Tank—			
	Repairing the bund and closing the breach.	353	No. 234 do.	..
Do. ..	Dry stone escape	170		
	Puthiry large Tank—			
	Repairing the bund, &c.	1,418	No. 235 do.	..
Do. ..	Dry stone escape	130		
	Keelathoor Tank—			
	Repairing the bund, &c., and closing the breaches.	1,058	No. 236 do.	..
	New stone revetment for breaches.	100		75
Do. ..	Masonry escape	225		176
	Veeralore large Tank—			
	Repairing the bund and revetment.	1,330	No. 237 do.	841
Do. ..	Masonry escape and irrigation sluice.	1,372		..
	Sengapoothoor Tank—			
	Repairing the bund	1,143		
	Masonry escape	230	No. 238 do.	..
Do. ..	Irrigation sluice	65		
	Sembadaventhangle Tank—			
	Repairing the bund	356	No. 239 do.	..
Do. ..	Escape	92		
	Agaracoracotah Tank—			
	Repairing the bund	668	No. 240 do.	..
Do. ..	Escape	130		110
	Cadagamboondy Tank—			
	Repairing the bund	654	No. 241 do.	..
	Dry stone escape	120		

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
	NORTH ARCOT DISTRICT—(*Continued*).	Rs.		
	River Supply Channel of Cheroovenk Tank—			
	Sluice	675		
	Improving surplus weir	380		
	New stone revetment	1,673	No. 254 of 1876-77.	..
	Rebuilding retaining walls ..	710		
	Repairing the channel	1,280		
	SOUTH ARCOT DISTRICT.			
Cuddalore ..	Repairing the spring pond and channel in the village of Arasamungalum.	1,107	No. 34 do.	66.
Virudachalam ..	Kattumailur anicut project	18,460	No. 73 do.	17,958
Cuddalore ..	Thevavamoor Channel— Clearing the spring pond and a portion of the channel.	190	No. 106 do.	..
Tindevanum ..	Sathanoor large Tank— Repairing the bund and calingulah and converting the latter into a weir.	750	No. 112 do.	750
Virudachalam ..	Pelandorai anicut, main channel ..	17,244	No. 129 do.	4,645
	Kullapolliem Anurthanary Tank—			
	Constructing a masonry weir ..	125		
	Repairing the bund	330	No. 137 do.	..
	Reconstructing an irrigation sluice.	80		
Virudachalam ..	Iyvathagoody Tank—			
	Constructing a simple escape of masonry.	117		
	Repairing the bund and two irrigation sluices.	1,147	No. 168 do.	..
Do. ..	Arasaramputt Tank—			
	Constructing a rough stone escape.	95		
	Repairing the bund	310	No. 184 do.	..
	Reconstructing an irrigation sluice.	215		
	Alagapillay's Tank—			
	Repairing the bund	60		
	Five irrigation sluices	115	No. 227 do.	..
	Masonry escape	275		
	Vyapoori Ooyan's Tank—			
	Repairing the bund and supply sluice.	450	No. 228 do.	..
	Reconstructing an irrigation sluice.	323		
	SALEM DISTRICT.			
Ussur	Yellaredy Tank—			
	Raising and repairing the bund ..	238		
	Widening the surplus channel and revetting the same with rough stone.	20	No. 49 do.	74
	Reconstructing an irrigation sluice.	78		
Tirupatur ..	Reconstructing surplus weir in Tripatore large tank.	7,257	No. 88 do.	6,581
Do. ..	Repairing the old escape in Tripatore large tank.	353	No. 89 do.	109
Salem ..	Ammungadoo Peddyairey Tank— Repairing the bund and calingulah.	50	No. 91 do.	..
Do. ..	Kaspatty Tank—			
	Repairing the bund	48	No. 92 do.	..
	Extending the calingulah ..	134		

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of outlay to latest date known.
				RS.
	SALEM DISTRICT—(*Continued*).			
Salem ..	Mangopay Tank—			
	Repairing the bund and sluices ..	107	No. 93 of	..
	Calingulah	217	1876-77.	
Do ..	Dalavapoory Tank—			
	Repairing the bund	500	No. 94 do.	..
	Escapes	300		
Do. ..	Ariagoundenputhy Tank—			
	Repairing, &c., the sluice ..	65	No. 95 do.	..
	Escape	175		
Do. ..	Southapuram Tank—			
	Repairing the bund	460	No. 96 do.	..
	Escape	280		
Tirupatur ..	Moolagoray Supply Channel—			
	Reconstructing a head sluice ..	900	No. 147 do.	..
Do. ..	Repairing the supply channel ..	315		
	Granamputty Yagalairy Tank—			
	Repairing the bund, closing the breach, lowering the crest of, and extending the existing escape.	1,406	No. 154 do.	..
Do. ..	Tripatore large Tank—			
	Constructing a training bank for surplus channel.	1,145	No. 169 do.	1,047
Salem ..	Chinnapenputty Tank—			
	Extending the existing main weir ..	5,515	No. 173 do.	..
	Raising and repairing the bund and repairing the aprons of the sluices, &c., weirs, &c. ..	2,085		2
	Anumuntharoyan Tank—			
	Repairing the bund and irrigation sluice.	105	No. 218 do.	..
	Rebuilding an irrigation sluice, and extending the escape.	113		
	Guddumputty Thimmenaicken Tank—			
	Repairing the bund and irrigation sluice and closing the breaches.	130	No. 219 do.	..
	Extending and converting the existing calingulah into rough stone escape.	70		
	TANJORE DISTRICT.			
Tanjore ..	Cauvery Delta—			
	Cauvery section			
	Codamurty sub-section	3,400	No. 72 do.	667
	Reconstructing Paigay dam ..			
	TRICHINOPOLY DISTRICT.			
	Nil.			
	COIMBATORE DISTRICT.			
Coligal ..	Defensive works on the right bank of the Cauvery near Kumpapooram.	1,250	No. 4 do.	1,247
	Vellalore Channel and Anicut—			
	Providing the anicut with a wing-wall and channel with head and sand sluices.	3,100	No. 229 do.	..

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
		RS.		RS.
	COIMBATORE DISTRICT—(*Continued*).			
	Davambady Channel—			
	Repairing the anicut	1,590	No. 231 of	..
	Head sluice	410	1876-77.	
	Pollicun Tank—			
Coligal ..	Building revetment and two weirs in the tank and one even in the supply channel.	2,180	No. 265 do.	2,129
	MADURA DISTRICT.			
Madura ..	Rectifying defects and satisfactorily completing the construction of the calingulah to Poothoomboo Keelakommai, Madura Range.	750	No. 55 do.	750
	Athikoodum Tank—			
Dindigul ..	Raising and repairing the bund, repairing the calingulah and sluice, repairing and improving the supply channel.	1,750	No. 55 do.	..
	Constructing a new masonry weir, and improving the existing calingulahs.	515		
	Nulladacherry Tank—			
	Constructing a weir	515	No. 74 do.	..
	Do. a revetment ..	860		
	Raising and repairing the bund and repairing the sluice and calingulah.	1,125		
	TINNEVELLY DISTRICT.			
Tinnevelly ..	Constructing a head sluice to the Tinnevelly channel from the Tambrapoorny and a flood bank in connection therewith.	6,520	No. 12 do.	7,593
	Vellur Tank—			
	Constructing a weir	3,710	No. 48	..
	Do. two sluices	390		..
	Repairs to bund	4,500		11
	Do. to sluices	1,860		..
	Do. and improvements to Kunmarukal surplus weir ..	750		..
	Ninarcolum—			
	Reconstructing the escape ..	1,340	No. 57 do.	..
	Reparing the bund	260		
	Chinna Chetty Tank—			
	Raising and repairing the bund ..	193	No. 58 do.	72
	Rebuilding the covering of the sluice in front and constructing a retaining wall and cistern.	37		..
	Constructing a masonry weir ..	100		89
	Kotlandrampany Tank—			
	Raising and repairing the bund ..	962	No. 59 do.	163
	Constructing cistern and reconstructing retaining walls for two irrigation sluices.	108		..
	Improving and extending the existing calingulah and converting it into a weir.	185		166

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Continued*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
	TINNEVELLY DISTRICT—(*Continued*).	RS.		RS.
Tinnevelly ..	Kundraperi Tank—			
	Raising and repairing the bund and also repairing the sluice and surplus weir.	510	No. 60 of 1876-77.	290
	Constructing a regulator at the head of supply channel.	115		109
	Atheyathu Tank—			
	Raising and repairing the bund and also repairing the supply channel.	112	No. 61 do.	..
	Constructing a surplus weir ..	113		49
	Constructing a front retaining wall and cistern to the existing irrigation sluice.	50		..
	Chuttrum Puthucolum Tank—			
	Reconstructing the masonry weir ..	3,095	No. 71 do.	2,815
	Raising the bund at the return from the surplus weir.	150		..
	Maraneri Tank—			
	Repairing bund and sluices ..	240	No. 77 do.	133
	New revetment..	80		..
	Surplus weir	200		..
	Pemay Kulam Tank—			
	Repairing the bund and one sluice and rebuilding another sluice.	970	No. 78 do.	195
	Extending surplus weir	580		..
	Kalayenkulam Tank—			
	Repairing the bund and removing the dam stones of calingulah, &c.	900	No. 79 do.	350
	Singaperumal Tank—			
	Repairing the bund and sluice of ..	780	No. 141 do.	..
	Oodapim Tank—			
	Repairing the bund and repacking the revetment.	420	No. 142 do.	..
	Pasupatheperu Tank—			
	Raising and repairing the bund ..	676	No. 143 do.	..
	Constructing a irrigation sluice ..	140		
	Kulasagaraperi Tank—			
	Raising and repairing the bund also repairing the weir.	1,280	No. 144 do.	..
	Manakad Tuluken Tank—			
	Converting the calingulah into a weir.	95	No. 187 do.	..
	Repairing the bund	1,245		
	Arampanniarkolum Tank—			
	Repairing weir	54	No. 207 do.	..
	Kangaikondaa Tank and Channel—			
	Repairing the tank and channel ..	6,836	No. 209 do.	..
	Reconstructing the surplus weir ..	925		
	Weir in supply channel	835		
	Dam to surplus channel	74		
	Soondrapandiemkeraneri Tank and Supply Channel—			
	Masonry weir ..	1,275		
	Repairing the bund	1,470		
	Do. sluice	195		
	Do. weir..	460	No. 147 do.	..
	Do. aqueduct	160		
	Do. supply channel ..	740		
	Cariselkulam Tank and Channel—			
	Repairing tank and channel banks and improving weir.	660	No. 260 do.	..

LIST of ESTIMATES sanctioned by Government in 1876-77—Irrigation Branch—showing outlay to latest date—(*Concluded*).

Executive Division.	Description of Work.	Amount of Estimate.	Register Number of Sanction.	Amount of Outlay to latest date known.
	TINNEVELLY DISTRICT—(*Concluded*).	RS.		RS.
Tinnevelly ..	Chattrapatti Tank—			
	Repairing bund	375	No. 261 of 1876-77.	..
	Improving weir	90		
	Meesalore Tank—			
	Repairing the bund	360	No. 262 do.	..
	Weir	75		
	Allumputty Tank—			
	Repairing the bund	220	No. 263 do.	..
	Do. irrigation sluice ..	85		
	Weir	95		
	Sherukulam Tank—			
	Raising and repairing the bund, &c.	460	No. 76 do.	..
	Constructing a sluice	255		
	Singamalpuram Bodehathan Tank and its Channels—			
	Repairing the bund, sluice, channel and two calingulahs	744	No. 266 do.	..
	Nangunneri Periacolum Tank—			
	Weir	1,970	No. 270 do.	..
	Repairing bund and sluices ..	3,260		

(Signed) A. DEC. SCOTT, Major, R.E.,
Deputy Chief Engineer for Irrigation,
for Chief Engineer for Irrigation.

FORT ST. GEORGE,
26th January 1877.

FORWARDED to the Secretary to Government, Revenue Department, in continuation of this office No. 74-5, of 26th January 1877.

FORT ST. GEORGE,
31st January 1877.

(Signed) A. DEC. SCOTT, Major R.E.,
Deputy Chief Engineer for Irrigation,
for *Chief Engineer for Irrigation.*

No. 110. ORDER THEREON, 5th February 1877, No. 518.

Miscellaneous.

COMMUNICATED to the Board of Revenue.

(True Extract.)

(Signed) T. H. GARSTIN,
Additional Secretary to Government.

To the Board of Revenue.
„ the Financial Department.
„ the Public Works Department.
„ the Chief Engineer for Irrigation.
Exd. T. O'Connor.

Govt. of India
1877
REVENUE.
To
The BOARD of REVENUE,
&c. &c. &c.
Dated February, 5th.
Rec'd.
No. 382 Dated 1877. No. 518
FEBRUARY.
Nos. 109-110.
PARTING FEE LEP No. 382.

Estimates of Irrigation Works sanctioned in 1874-75.—Communicating to the Board of Revenue list of—showing the outlay up to the latest date.

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List of Estimates sanctioned by Government in 1876-77.
of Irrigation Branch.
Showing outlays to latest date.

Executive Divisions	Description of Work	Amount of Estimate	Register & Pr. of Sanctions	Amount of outlay to latest date known.
	Godavery District			
Western Delta	Western Delta Canal State Improving?			
	Mogeru Channel	2050	₹ 93 of 76-77.	549
	Completion of the Eastern Delta project Mundapett Canal.			
Eastern Delta	Lock Thupeswaram	18270		17677
"	Do. Weir Do.	895		2651
"	Lock weir Nasalapooty	530		729
"	Mundapett Canal Earth work	12700		12700
"	Compensations	3278		5
"	Tunnels and Nadeombeds &c.	220		315
"	Regulating dam Mundapett Ch.	520		294
"	Head Sluice Chodaram Ch. Mouth of Cut	450		491
"	Do. Sluice Macharam Channel	87		30
	Do. to Ch. left bank Canal at 6½ Miles	600	— 82 —	
"	Do. to Ch. right bank — do.	420		138
"	Do. do left bank 11 Miles	620		128
"	Do. to Ramachendrapoor Ch. left bank 18 Miles	910		
"	Do. to Nilloor & Mooramilly Ch. right bank	600		
"	Side Channel left bank Canal	1466		
"	Channel left bank 6½ Miles	2600		
"	Do. right bank 8½ —	1670		
"	Do. Macharam	1951		
"	Do. Chy taram	167		
"	Do. to drain Jowaram lands	159		
Ellis	Reconstructing a part of the west flood embankment between Vejeshwaram and Polaveram.	1000	— 82 —	6335
Ellis	Embankment round from Vejeshwaram to Polaveram.	148730	— 127 —	37027

Executive Division	Descriptions of Work	Amount of Estimate	Register No. of Sanction	Amount of outlay to latest date known
	Godavery Dist.(Continued)			
Eastern Delta	Coconada Canal			
"	Head Sluices and Dams	11284		12,834
	Minor Channels	11200		8503.
do	Coringa Canal			
	Head Sluices and Dams	10588		8995.
	Minor Channels	2500		1259
do	Mendapalli Canal			
	Head Sluices and Dams	1484		1396
	Minor Channels	4000	No 108 of 76-77.	"
do	Injeram Canal			
	Head Sluices and Dams	2010		1581.
	Minor Channels	4670		3976.
do	Samulcotah Canal			
	Head Sluices & Dams	5100 4600		5409
	Minor Channels	2610		4142
do	Coconada Canal			
	Head Sluice	810		"
	Minor Channel	850	" 109 "	"
Elliot	Gopalapuram Bollah Bank			
	Constructing a masonry weir	1585	" 110 "	"
Eastern Delta	Coconada Canal			
	Thatipudi North side Channel	2620		262
	Aqueduct on Thatipudi south side Channel	830		830
	Aqueduct on Madapad south side Channel	652.	" 110 "	652
	Embankment left bank of Godavery & Gowtami Godavery Raja mundry to Ganaum.	5722	" 135 "	
Eastern Delta	Coringa Canal			
	Masonry weir	924	" 118 "	899

Executive Divisions	Descriptions of Work	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known
	Godavery Dist.(Continued)			
Ellis	Improvements &c. connected with Dowleswaram Weir	16211	No 169 of 76-77.	"
	Western Section			
Western Delta	Main Canal			
	Improvements to Head Sluices	1140		8179
	Do.	26900		26,906
	Compensation for land	2500		"
do	Junction Canals			
do	Compensation	100		23.
do	Surplus weir at Nandamur	11697		"
do	Canal block at Muddapalli	40100		40060
do	Do Weir at Do	4500		"
do	Earth work	20966		20966.
do	Closing the old Nandamur lock Channel	853		855.
do	Rest house Chettipetta	2899	" 175 "	2899.
do	Do Bravelly	3053		3055.
do	Do Thallapullegudem	3027		3027.
do	Do Koder	3045		2981
do	Do Narsapur	700		700.
do	Do Attili	2900		2964
do	Do Bhemavaram	2900		2808.
do	Do Attili	2900		86.
do	Bungalow Bradipeed	577		"
do	Inspection house do	96		
do	Compensations for land for Rest House Bravelly	800		"
do	Do Do Attili Bhemavaram Attili.	96		

Executive Division	Description of Work	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date rendered
	Godavery Distt. (Continued)			
	Vouthiah & Weyeru Canal			
Western Delta	Chatakumpad escapes			1565
do	Sluice to Kollapurru Channel	900		
do	½ Dam below Do.	210		
do	5 do Do.	470		
do	Sluice Madivada Channel	470		
do	Do. Azzamur Do.	500		
do	Tunnel Do.	700		
do	Sluice Theed Channel	400		
do	Do. Gummulur Do.	650		
do	Do. Cumpagadapa Do.	650		
do	Do. Cherukumilli	850		
do	Do. Gelurpad	620		424
do	½ Sluices above Vacimalla lock	1050		
do	Channel Kollapurru	1660		
do	Do. Gummulur	400		
do	Do. Madivadar	190		
do	Do. Azzamar	520		
do	Do. Cherukumilli	960		
do	Do. Gelurpad	529		
	Embankment right bank of Gowtamie Godavery & Vasista Gowtamie Godavery Heads of Central Delta to Mukkalipatam	43,750	— " 208 —	
Western Delta.	Attada Canal			
	Cattle Crossings	2400	— " 208 — "	1004
	River Embankments			
	Revetment embankment of Gautami Godavery left bank from head of Delta to Gunnaram Aqueduct	34,800	— " 211 — "	

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Executive Division	Description of Work	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date rendered
	Godavery Distt. (Continued)			
Western Delta	Mundapalla Canal			
	Sleeping & Travelling Cattle Crossings	1845	No. 255 of 76-77.	

Kistna.

Executive Division	Descreptions of Works	Amount of Estimate	Register No. of Auctions	Amount of outlay to latest date known.
	Kistna District			
	Building Sheds for Lock Establishment			
	Eastern Delta			
	Masulipatam Canal	5250	No. 40 of 76-77.	
	Pullery Channel	400		
	Elu[illegible] Canal	400		
	Buntumilly Canal	650		
	Western Delta			
	Main Canal	1050		
	Nizampatam Canal	3450		
	Western Bank Canal	1050		
	Commamoore Canal	1200		
Masulipatam	Revision of Kistna Western Delta Completion Estimate.	2230	" 22 "	2102
Masulipatam	**Viswanadapally Pulivartivari Bank** Repairing the bund	420	" 129 "	249-
— do —	**Marrapalleru Degalapalem Bank Supply Channels** Rpg. the Supply Ch. banks.	200	" 151 "	150

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Nellore

Executive Division	Description of Works	Amount of Estimate	Register No. of Sanction	Amount of outlay to latest date known.
	Nellore District			
Nellore Southern	Improving the flood bank of Penner from Sundamudi to Tatavarai	42,800	No 85 of 76-77	22,456.
do	do do from Ancut to the Sea	61,400	" 86 "	13,280
do	Closing Mudivarthipalem breach	7,270	" 87 "	7001.
do. Central.	Kalvoy Anicut.			
	Reconstructing an Imp^d Sluice	3,500	" 153 "	2,729
	Nellore Anicut			
Nellore Southern	Constructing Surplus weir	15,600	" 160 "	10,245

North West District

Executive Divisions	Description of Works	Amount of Estimate	Repairs &c. of Sanction	Amount of outlay to date of Returns
	Raising and strengthening the bunds of the Changadoo Tanks	2100		1078
	Constructing a temporary weir in the Changadoo Tanks	1030	Jr 6 7 6. 77	1023
Do.	Raising and repairing the bunds of the Mulcoopum Tanks	1200		962
Do.	Constructing a Masonry weir in the Mulcoopum Tanks	320	7 I "	339
Vellore	Raising and Repairing the bund closing the breaches & repairing the Sluice of the Periang Coopum large Tanks	2700	81 "	1573
Do.	Extending the raising weir and raising the revetment of the bunds of the Periang Coopum large Tanks	1730		700
Do	Raising and repairing the bund and repairing the Sluice of the Timang Coopum Chittary Tanks	820		218
Do.	Constructing a rough Stone Escape in the Periang Coopum Chittary Tanks	150	9 I "	12
Do.	New revetment to bund of Periangcoo-pum Chittary Tanks	235		
Do	Raising and repairing the bund and closing the breaches also revetting the bund with new Stones, of the Timma gheer Tanks	1250	13 I - "	584
Do	Constructing a Masonry Weir in the Pandeyghur Tanks	580		20

Executive Division	Description of Work	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known
	North Arcot Continued			
Vellore	Raising and repairing the bund during breaches and by cutting in the state paiam Tank	2200	No. 14 of 76-77	599
Do	Improving the existing weir and reconstructing an irrigating sluice in the Kalpathoor Tank	220		362
Do	Raising and repairing the bund and planting grass in the Kalpathoor large Tank	1350		456
Do	Improving the existing weir in the Kalpathoor large Tank	220	No. 15 of	
Do	Constructing a Masonry weir in the Kalpathoor large Tank	420		
	Raising and repairing the bund and also repairing escapes of Manyantheram large Tank	1275		
	Constructing a new Masonry Escape in the Manyantheram large Tank	425	No. 16 of	
	Reconstructing 2 irrigating Sluices in the Manyantheram large Tank	710		
	Raising and repairing the bund and also repairing escapes of Pallanajarum Tank	1480		
	Reconstructing the Irrigating Sluices in Pallanajarum Tank	830	No. 17 of	
Polur	Raising & repairing the bund of Susamungalum Tank	2900		1830
Do	Constructing a Masonry weir of Susamungalum Tank	1500		1468
Do	Improving the North east weir of Do	115	No. 18 of	115
Do	Blocking up old Calingulah with Masonry & raising wing walls of the same in the Susamungalum Tank	270		104

Executive Division	Description of Work	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known
	North Arcot (Continued)			
Polur	Constructing a Head & rear Cistern to the Irrigating Sluice in the Kadesa mangalum Tank	105	No. 20 of 76-77	105
Do	Constructing a Sluice at the head of the Channel of Savamungalum Tank	280		140
Chittur	Raising & repairing the bund of Veraraja varaddy Tank	360		
Do	Constructing masonry arch in Veraraja varaddy Tank	630		
Do	Extending the Centment of the bund of the Veraraja varaddy Tank	60	No. 19 of	
Do	Reconstructing the Irrigation Sluice in Veraraja varaddy Tank	160		
Walaja	Raising and strengthening the bund closing the breach & repairing Sluice and Calingulah of Sethavanathan Tank	920		538
Do	Constructing a loose stone escape in Do	260	No. 23 of	
Chittur	Raising & repairing the bund of the Ala thoor Ottery Tank	730		
Do	Constructing a weir in the Ala thoor Ottery Tank	410	No. 24 of	
Do	Raising and repairing the bund and closing breaches in the Sucalagunta Tank of Bonavary putty	100		
Do	Constructing an irrigation Sluice in place of the one which was washed away in the Sucalagunta Tank of Bonavary putty	45	No. 25 of	
Do	Extending the existing weir in the Sucalagunta Tank of Bonavary putty	155		

Executive Division	Description of Work	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known	Executive Division	Description of Work	Amount of Estimate	Register No. of Inspection	Amount of outlay to latest date known
	North Arcot (Continued)					**North Arcot (Continued)**			
Chittur	Raising and repairing the bund and closing the breaches in the Ponr thurn large Tank	1050	No. 26 of 1877		Vellore	Oyalay Large Tank			
Do.	Constructing an irrigation Sluice to replace the old one washed away in the Ponr thurn large Tank	930				Raising & repairing the bund closing the breaches & also repairing an irrigation Sluice & Supply Channel	900	No. 84 of 1877	
Do.	Extending the existing weir in the Ponr thurn large Tank	600				Constructing a loose Stone Escape	80		
	Velary Tank					**Ooyar Chittary**			233
Vellore	Raising & repairing the bund & planting	675		161	Polur	Raising & repairing the bund	110	No. 111	151
Do.	Reconstructing an irrigation Sluice	400	No. 80		Do.	Constructing a Masonry Escape	195		51
Do.	Constructing a loose Stone Escape	320			Do.	Reconstructing an irrigation Sluice	85		
	Palayanore Tank					**Gangamallan Tank**			453
Do.	Repairing the bund planting Babul grafts and repairing Sluice	1500	No. 81	1721	Do.	Raising an repairing the bund & planting Babul grafts	280	No. 112	
Do.	Improving & extending present Kalingu tank & Converting it into a Weir	410			Do.	Constructing a dry Stone Escape	112		
	Kodelpaudy Tank					**Imaghurry mangalam Pashiya Tank**			
Do.	Repairing the bund	1010	No. 82	491	Do.	Raising & repairing the bund & rebuilding Sluice	720	No. 113	
Do.	Constructing a loose stone Escape	130			Do.	Constructing a Masonry weir	220		
Do.	Reconstructing an irrigation Sluice	580			Do.	Imaghurry mudgalum large Tank			
	Oyalay Chittary Tank				Do.	Raising & repairing the bund & repacking the revetment planting Babul	1200	No. 114	736
Do.	Repairing the bund & Closing breach and repairing the Sluice	215	No. 83		Do.	Constructing a Masonry Escape	350		
Do.	Constructing a loose stone Escape	75				**Cracatta Tank**			
					Do.	Raising & repairing the bund repacking the revetment & Reconstg the Head of present Sluice	1300	No. 115	154
					Do.	Constg a Masonry Escape	220		
						Coonum body Tank			170
					Do.	Repairing the bund & Closing the breach	220	No. 119	
					Do.	Dry Stone Escape	170		

Executive Division	Description of Works	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known	Remarks
	North Arcot (Continued)				
Polur	Pathiry large Tank.				
Do.	Repairing the bund &c.	780		766	
Do.	Dry stone Escape	130	No. 120 of 76-77.		
	Kealathoor Tank.				
Do	Repairing the bund &c. & closing the breaches	910		536	
Do	New Stone revetment for breaches	100	No. 121 — " —	75	
Do.	Masonry Escape	220		176	
Chittur	Brumhapuram Nagul Tank.				
	Repairing the bund & repacking the revetment	778			
	Raising the revetment	240	No. 122 — " —		
	Rebuilding the Grass Escape	150			
Polur	Ilkabad Anicut Cumma Cazadhy River.				
	Cut Stone Apron	1404		856	
	Repointing the old apron	116	No. 123 — " —		
Do.	Veeraloor Pothary Tank.				
	Repairing the bund & closing the breaches	680			
	Irrigation Sluices	220	No. 124 — " —		
	Masonry Escape	257			
Do	Veeraloor large Tank				
	Repairing the bund and revetment	1330		841	
	Masonry Escape	316	No. 125 — " —		
	Irrigation Sluice	160			
Do	Sengapoor Anoor Tank.				
	Repairing the bund	960		300	
	Masonry Escape	220	No. 126 — " —		
	Irrigation Sluice	40			

Executive Division	Description of Works	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known	Remarks
	North Arcot (Continued)				
Polur	Sumbadoventungul Tank.				
	Repairing the bund	800	No. 127 of 76-77.	111	
	Escape	92		"	
Do.	Sengoonum Tank.				
	Repairing the bund & revetment	1200		729	
	Masonry Escape	270	No. 128 — " —	"	
	Irrigation Sluice	270		"	
Chittur	Malumundalum Tank.				
	Repairing revetment Sluice & Wastungulah	1210		"	
	Irrigation Sluice	400	No. 130 — " —	"	
	Weir	510		"	
	Cundane or Weir	280		"	
Do.	Ganga Varanallore Tank.				
	Repairing the bund & revetment	790		"	
	Rebuilding the West Weir	520	No. 131 — " —	"	
	East Weir	570		"	
	Repairing Sluices	600		"	
Polur	Agaracoracottah Tank.			477	
	Repairing the bund	600	No. 132 — " —	110	
	Escape	180			
Do.	Cadagamboondy Tank.			321	
	Repairing the bund	400	No. 133 — " —	"	
	Dry stone Escape	120			
	Narrayan Tank.				
	Closing the breaches raising the bund and turfing	930	No. 134 — " —	"	
	Constructing a Masonry Weir	900		"	

Executive Division	Description of Works	Amount of Estimate	Register № of Sanctions	Amount of outlay to latest date known
	North Arcot (Continued)			
Walaja	Pillanjur Tank.			
	Raising & repairing the bund	990		
	Constructing an Escape	210	№ 157 of 76-77	
Do.	Culput Tank.			
	Raising & repairing the bund	570		
	Constructing an Escape	245	№ 152 "	
Polur	Reddy coopum Chittary Tank.			
	Repairing the bund & irrigation Sluice	225		
	Dry Stone Escape	105	" 330 "	
Do	Reddy coopum large Tank.			
	Repairing the bund	810		
	Reconstructing irrigation Sluice	245		
	Dry Stone Escape	125	" 191 "	
Do.	Sancaranthy Tank.			
	Repg. the bund & irrigation Sluice	240		
	Dry Stone Escape	160	" 192 "	
Do.	Nagarunthul large Tank.			
	Repg. the bunds	170		
	Reconstg. irrigation Sluice	274	" 198 "	
	Dry Stone Escape	76		
Do.	Japthy Karany Tank.			
	Repairing the bund	660		
	Dry stone Escape	125	" 194 "	
Do.	Manoka mungalum Tank.			
	Repairing the bund	600		
	Extending the rough Stone escape	65	" 195 "	
Do.	Vaisay Tank			1236
	Improvements	11850		6070
	Repairing	10150	" 170 "	

Executive Division	Description of Works	Amount of Estimate	Register № of Sanctions	Amount of outlay to latest date known
	North Arcot (Continued)			
Polur	Vellantoy Tank.			
	Repairing the bund	95		
	Reconstructing irrigation Sluice	215	№ 196 of 76-77	
	Dry Stone Escape	90		
Do.	Perathamungalum Tank			
	Repairing the bund	135		
	Reconstructing irrigation Sluice	200	" 197 "	
	Dry Stone Escape	110		
Do.	Yethy Mangal Tank			
	Repairing the bund	85		
	Reconstructing irrigation Sluice	215	" 198 "	
	Dry stone Escape	74		
Do.	Yenthal Tank.			
	Repairing the bund	430		
	Reconstructing irrigation Sluice	305	" 199 "	
	Dry Stone Escape	153		
Do	Charicaracham Tank			
	Dry stone Escape	105	" 200 "	
	Agaralu Pedda Calvah			
	Clearing the Channel	400	" 201 "	
	Thondavadi Yagara Calvah			
	Clearing the Channel	320	" 202 "	
	Cheramungalum Tank			
	Lower Sprow & retaining wall to duplicate weir	162	" 210 "	
Vellore	Ogalay large Tank			
	Bund to supply Channel	1070	" 224 "	

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Executive Divisions	Description of Works	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known
	North Arcot (Continued)			
Vellore	Velary Tank			
	Regulating weir	560	No. 225 of 76-77	
	Painapady Tank			
	Escape	280		
	Reconstructing a Ingu. Sluice	560		
	Irrigation Sluice	210	" 228 "	
	Repg. the bund & planting grass	1010		
Polur	Amagherry mungalam Cashiva Tank			
	Raising & Repg. the bund & rebuilding 3 Sluices	761		
	Cuddy a Masonry weir	230	" 253 "	
Do.	Coonumbedy Tank			
	Repairing the bund & Closing the breach	353		
	Dry Stone Escape	170	" 234 "	
Do.	Pathery large Tank			
	Repairing the bund &c.	1178		
	Dry Stone Escape	124	" 235 "	
Do.	Kallathoor Tank			
	Repg. the bund &c. & Closing the breaches	1058		
	New Stone revetment for breaches	100	" 236 "	75
	Masonry Escape	220		176
Do.	Veeralore large Tank			
	Repg. the bund & revetment	1030		841
	Masonry Escape & Ingu. Sluice	1372	" 237 "	
Do.	Singapoothoor Tank			
	Repg. the bund	849		
	Masonry Escape	230	" 238 "	
	Irrigation Sluice	60		

Executive Divisions	Description of Works	Amount of Estimate	Register No. of Sanctions	Amount of outlay to latest date known
	North Arcot (Continued)			
Polur	Sambadavan thangle Tank			
	Repairing the bund	356	No. 239 of 76-77	
	Escape	92		
Do	Agaraconcotah Tank			
	Repairing the bund	168	" 240 "	110
	Escape	130		
Do.	Bodagambondy Tank			
	Repairing the bund	654	" 241 "	
	Dry Stone Escape	120		
	River Supply Chl. of the Cheyoor Tanks			
	Sluice	675		
	Improving Surplus Weir	380		
	New Stone revetment	1615	" 256 "	
	Rebuilding retaining walls	910		
	Repairing the Channel	2290		

South Street District

Executive Divisions	Description of Works	Amount of Estimate	Register No. & Amount of Sanction	Amount of outlay to latest date known
	South Street District			
Cuddalore	Repairing the Spring mound & Channel in the Village of Irasamungalam	1107	No. 20 of 76-77	307
Verudachalam	Kattumalur P.W. 23-77. Sprout project	19460	" 73 "	17958
	Therovamoor Channel			
Cuddalore	Clearing the Spring mound & a portion of the Channel	190	" 116 "	"
	Sothanoor. Large Vault			
Tindivanam	Repairing the bund & Valingulal & Converting the latter into a Weir	750	" 112 "	750
	Do. do. Inlet Drain Channel	17244	" 129 "	4645
Verudachalam				
Cuddalore	**Pillapolium Inner Masonry Vault**			
	Constructing a Masonry weir	125		
	Repairing the Bund	"	" 137 "	
	Reconstructing an Irrgn. Sluice	230		
Verudachalam	**Vadagoody Vault**			
	Constg. a Simple escape of Masonry	117	" 163 "	
	Repg. the bund 42. Irrgn. Sluices	1167		
Do.	**Arasaramputt Vault**			
	Constg. a rough stone Escape	95		
	Repairing the bund	310	" 124 "	
	Reconstructing an Irrgn. Sluice	215		
	Nagapillay Vault			
	Repairing the bund	640		
	Three Irrigation Sluices	115	" 227 "	
	Masonry Escape	275		

Executive Division	Description of Works	Estimate	Amount of Register of Sanction
	South Arcot (Continued)		
	Vyapoori Oyan's Tank		
	Repg. the bund & supply Sluice	250	Vide 4 of 26.7.77.
	Reconstg. & Irrigation Sluice	325	

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Salem District

Executive Division	Description of Work	Amount of Estimate	Register No. of Sanction	Amount of Outlay to latest date thereon	
	Salem District				
Ussur	Yellareddy Tank.				
	Raising & repairing the bunds	338			
	Widening the Surplus Channel &				
	removing the stones & the rough stone	20	No 49 of 16.17		74
	Repairing an Irrigation	90			
Tirupatur	Reconstructing Surplus			88	6581
Do.	Repairing the old Escape	353		89	109
Salem	Punnimgadoo Peddyarey Tank.				
	Repg. the bund & Relinguishing	50		91	
Do.	Marapeer Tank.				
	Repairing the bund			92	
	Extending the Waling able	134			
Do.	Mangapay Tank.				
	Repairing the bund & Sluices	127		93	
	Waling table	217			
Do.	Dalavapully Tank.				
	Repairing the bund	600		94	
	Escapes	300			
Do.	Sriagandanpully Tank.				
	Repairing &c. the Sluice	85		95	
	Escape	175			
Do.	Southapuram Tank.				
	Repairing the bund	460		96	
	Escape	280			
Tirupatur	Mootkooray Supply Channel				
	Reconstructing a Head Sluice	900		147	
	Repairing the Supply Channel	315			

Executive Division	Description of Work	Amount of Estimate	Registered No. of Sanction	Amount authorized to be drawn
	Salem District (Continued)			
Terapatur	Granam putty Vagalairy Tank.			
	Repairing the bund closing the breach, lowering the crest of part extending the existing escape	1106	No. 152 of 76	
Do.	Terapatur large Tank.			
	Constructing a [illegible] Surplus Channel	1116	169	1047
Salem	Vinnapen putty Tank.			
	Extending the existing main Weir	8510		
	Raising & Repg. the bund & repairing the approns of the Sluices & Weir &c.	2085	193	2
	Arunmun Kanagen Tank.			
	Repg. the bund & Inlet Sluice	105		
	Rebuilding an Inlet Sluice & extending the escape	113	218	
	Gudiamputty Thenimmanakan Tank			
	Repg. the bund & Inlet Sluice & Closing the Trenches through Stone escape	130		
	Extending & Connecting the existing Palingulah in to trough Stone escape	70	219	4
	do			
	do			
	do			
	do			

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Taujore District

Executive Divisions	Description of Work	Amount of Estimate	Register No. & Amount of sanction	Amount of outlay to latest date thereon.
	Taujore District			
Taujore	Cauvery Delta. — Cauvery Sections; Coleroon Upper Delta Sections; Reconstructing Puiga of Dame	3800	No. 920 of 1877.	667
	Trichinopoly Dist.			
	Nil.			
	Bimbatore District.			
Coligal	Defensive works on the right bank of the Cauvery near Bampapooram	1250	— " — 47 — " —	1217
	Vellalore Channel and Ancut			
	Raising the amount with a wing wall & Channel with Head & Sand Sluice	3100	— " — 229 — " —	
	Davambady Channel			
	Repairing the Ancut	1590	— " — 231 — " —	
	Head Sluice	410		
	Pollium Tank.			
Coligal	Building revetment & Weirs in the Tank & one even in the Supply Ch.l	2480	— " — 265 — " —	2129

Madura District

Description of Works	Estimate	Amount of Expenditure	Amount of outlay to latest date known
Madura District			
Restoring depots & satisfactorily completing the Construction of the Calingulah to Vethoomboo Kalingumoy Madura Range	950	Rs 27 of 76 77. 750.	
Athekancolum Tanks			
Raising & repairing the bund repairing the Walingulah Sluice	1750		
Repairing & improving the supply Sluice			
Constg a new Masonry weir & improving the existing Kalingulahs	515		
Nullacherry Tanks			
Constructing a Weir	515		
do a revetment	960		
Raising & repairing the bund & repairing the Sluice & Kalingulah	1125		

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Description of Work	Amount of Estimate	Remarks of Register & Surveyor	Remarks of Cubby to latest date known
Annually Contract			
Annually Obstructing & Road Sluice & the Annually			
Obstructing the Road Sluice & the Annually	16520	Area of 7th 77	7693
Obstructing the Road Sluice & the Annually			
Obstructing the Road Sluice & the Annually			
Obstructing the Road Sluice & the Annually		

Executive Division	Description of Work &c.	Amount of Estimate	Register No. of Sanctions	Amount of outlay to last that date of known
	Immediately to be Attended to			
	At the ya Ru Tank.			
	Raising & repairing the bund & also repairing the Supply Channel	112		
	Cons[t]g a Surplus weir	110	No 61 of 76-77	
	Cons[t]g a front retaining wall	60		
	Repairing existing Supply Sluice	60		
	Chultrum Pathucotah Tank.			2815
	Reconst[g] the Masonry weir	2295		
	Raising the bund at the return from the Surplus weir	450	— 91 —	
	Maraneri Tank.			
	Repg the bund and Sluice	220		133
	Jan revetment	60	— 77 —	
	Surplus weir	240		
	Penay Kulam Tank.			
	Repg the bund & Stone Sluice & building new Stone Sluice	770	— 70 —	175
	Extending Surplus weirs	600		
do	**Kalayan Kulam Tank.**			
	Repairing the bund & removing the Loose Stones of Kalingulah [illegible]	560	— 77 —	350
	Suiga perumal Tank.			
	Repg the bund & Sluice &c	180	— 141 —	"
	Ordapuni Tank.			
	Repg the bund & repairing the revetment	420	— 142 —	"
	Vasupatheperu Tank.			
	Raising & Repairing the bund	670		
	Cons[t]g an Irrig[n] Sluice	140	— 143 —	
	Kulasayaraperi Tank.			
	Raising & Repg the bund & also repairing the Weir	1280	— 144 —	"

Executive Division	Description of Work &c.	Amount of Estimate	Register No. of Sanctions	Amount of outlay to last that date of known
	Immediately to be Attended to			
	Mama Kad Bund & Sluice		No 197 of 76-77	
	Converting the Escape & Waste Weir	1245	— 87 —	
	Repairing the Bund			
	Iraimpaniar Kulam Tank.			
	Repairing Weir	54	— 207 —	
	Manjapikondan Tank & Channel			
	Repg the Tank & Channels	1026		
	Reconst[g] the Surplus Weir	925		
	Weir in Supply Channel	258	— 209 —	
	Dam to Surplus Channel	96		
	Iyanpandiam Kommeyi Tank			
	Supply Channel	1275		
	Masonry Weir	1170		
	Repairing the bund	195	— 247 —	
	do Sluice	460		
	do Weir	460		
	do Escape	460		
	do Supply Channel	740		
	Canal Kulam Tank & Channel			
	Repg Tank & Channel bunds and improving weir	660	— 260 —	
	Ettrapatti Tank.			
	Repairing bund	375	— 261 —	
	Improving weir	90		
	Mudalore Tank.			
	Repairing the bund	260	— 262 —	
	Weir	75		
	Illumpeliyan Tank.			
	Repairing the bund	220		
	do Irrigation Sluice	85	— 263 —	
	Weir	95		

Executive Division

Description of Work	Amount of Estimate	Register No. of Sanction	Amount of outlay to latest Work known
Tinnevelly Dist. (Continued)			
Sheunkal — Tank.			
Repairing & repairing the bund &c	460		
Constructing a Sluice	816	No 76 of 1876-77	
Suiga malpuram Bodi Nattam Tank and its Channels			
Repairing the Bund Sluice			
Channel & 2 Calingulahs	766	766	
Nanguneri Periacolam Tank &c			
Weir	1,470		
Repairing bunds & Sluices	3260	270	
Major RE.		Rev: 954 of 77	
By Chief Engr for Irrign.			
for Chief Engr for Irrign.			

Fort St George
26 Jany 1877

No 60-W

List of Estimates sanctioned by Govern-
ment in 1876-77 in the Irrigation Branch
of the P.W.D. showing outlay to latest date.

Encl to

Forwarded to the Secretary to
Government, Revenue Department
in continuation of this Office No 4-W. of
26th January 1877.

Asst State
Major RE.
By Chief Engr for Irrign
for Chief Engineer for Irrign

Fort St George
31st January 1877

To
The Secretary to Government
Revenue Dept

T. No 113

Rec.d 1st. Jany. 1877. Degraves

~~No 1002~~

from

the Chief Engineer for Despatch

Dated 31st January 1877

Desp.d 31 do

Rec.d 1 Feby

Estimate sanctioned in 1874-75

Inward list No 1 showing

outlay to latest date.

T. No 518

Communicated to

the Board of Revenue

5 Feby/77