7505

Public Works (1898) Department.

Urgent

G.O., No. 738 & 739 J

DATED 23rd Sept 98

9/1/98.

[Despatch Abstract.]

Return of Open Capital Sanctions

The —— for 1897-98, ordered with remarks, to be forwarded to the Govt of India

Return of Open Capital Sanctions

Forwarding the —— for 1897-98.

Indexed.

[P. W. 36.
1,000—12-2-98.]

BACK PAPERS.

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

FURTHER PAPERS.

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

IRRIGATION.
ACCOUNT.

Government {1898} of Madras.

PUBLIC WORKS.

Recd. } 1898. *Enclosures*
Regd. } *Spare copies*

G.O., Nos. 738, 739 I., 23rd September 1898.

SEPTEMBER.

Return of Open Capital Sanctions

Forwarding the — for 1897-98.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

Read—the following papers:—

Return of Open Capital Sanctions for 1897-98.

[*Statement.*

Return of Open Capital Sanctions for 1897–98.

Sanctioning authority.	Name of work.	Sanctioned estimate including establishment and tools and plant charges.			Date of expiry of sanction.	Amount for which work is completed.	Date on which work is completed and sanction closed.	Remarks.
		Class I.	Class II.	Total.				
1	2	3	4	5	6	7	8	9
	Godavari Delta System.	Rs.	Rs.	Rs.		Rs.		
	Works completed.							
Government of India letter, No. 304 I., dated 28th December 1892. Government of India letter, No. 297 I., dated 13th November 1897. P.M.G., No. 38 I., dated 14th January 1893. P.M.G., No. 1039 I., dated 23rd November 1897.	1. Schedule of incomplete works	17,501	87,132	1,04,633	31st March 1898 ..	1,06,697	31st March 1898	
	Eastern Section.							
P.M.G., No 969 I., dated 29th October 1897.	2. Excavating Vakatippa branch of Kolla side channel.	..	3,000	3,000	31st ,, ,, ..	3,022	31st ,, ,,	
	Central Section.							
	Amálapuram canal.							
P.M.G., No. 519 I., dated 12th June 1893. P.M.G., No. 873 I., dated 24th October 1896.	3. Excavating a parallel channel from Sallapalli channel head to end of Amálapuram canal.	..	1,580	1,580	31st ,, ,, ..	1,437	31st ,, ,,	
P.M.G., No. 393 I., dated 3rd May 1895.	4. Excavating Mukkamala east side channel ..	..	4,130	4,130	31st ,, ,, ..	4,379	December 1897.	
	Western Section.							
	Head Works.							
P.M.G., No. 237 I., dated 7th March 1896. P.M.G., No. 811 I., dated 8th October 1896.	5. Constructing a rest house with out-buildings at Chettipett.	6,920	..	6,920	31st ,, ,, ..	3,512	31st March 1898.	Rs. 2,900 were written back to 42. Major Works—Working Expenses with reference to G.O., No. 237 I., dated 7th March 1896.
	Bank Canal.							
P.M.G., No. 221 I., dated 4th March 1896. P.M.G., No. 732 I., dated 9th August 1897.	6. Excavating Kaza branch of Vaddilanka channel.	..	1,880	1,880	31st ,, ,, ..	1,574	31st ,, ,,	
	Main Canal.							
P.M.G., No. 890 I., dated 30th October 1895. P.M.G., No. 1125 I., dated 14th December 1897.	7. Constructing a platform to Vizeshweram head sluice.	..	3,964	3,964	31st ,, ,, ..	3,964	31st ,, ,,	

	Atili Canal.							
P.M.G., No. 464 I., dated 29th May 1896.	8. Excavating proposed Nos. 1 and 2 branches of Rameswaram channel.	..	6,100	6,100	31st ,, ,, ..	5,855	31st ,, ,, ..	
	Works in Progress.							
	Eastern Section.							
	Head Works.							
Government of India No. 192 I., dated 8th July 1897. P.M.G., No. 696 I., dated 28th July 1897.	9. Fitting falling shutters on the crest of the Godávari anicut.	2,17,000	..	2,17,000	31st March 1899 ..	..	..	
	Central Section.							
	Vriddha Gowtami Drain.							
P.M.G., No 649 I., dated 9th August 1896.	10. Diversion of Vriddha Gowtami drain at Mettalanka.	5,310	..	5,310	31st ,, ,, ..	..	..	
	Bank Canal.							
P.M.G., No. 14 I., dated 5th January 1897.	11. Diversion of bank canal at Godilanka set ..	..	1,430	1,430	31st ,, ,, ..	..	..	
	Gunnaram Canal.							
P.M.G., No. 109 I., dated 8th February 1898.	12. Excavating the Sivakodu side channel for left bank of the canal.	2,570	..	2,570	31st ,, 1900 ..	..	..	
	Works requiring renewal of sanction.							
	Eastern Section.							
	Cocanada Canal.							
P.M.G., No. 507 I., dated 12th June 1896.	13. Excavating Muramanda channel from 4 miles 7 furlongs and 562 feet of Cocanada canal.	..	5,460	5,460	31st March 1898 ..	..	..	Extension of sanction will be applied for separately.
	Western Section.							
	Bank Canal.							
P.M.G., No. 283 I., dated 24th March 1896.	14. Excavating Atsanta minor branch channel from 5 miles 7 furlongs 460 feet of Atsanta channel.	..	1,960	1,960	31st ,, ,, ..	..	..	
P.M.G., No. 618 I., dated 29th July 1896.	15. Excavating Pedamallam channel from 28 miles 60 chains.	..	2,860	2,860	31st ,, ,, ..	..	..	
	Penner Anicut System.							
	Works completed.							
P.M.G., No. 80 I., dated 22nd January 1896.	16. Jaffer Saib's Canal— Constructing a surplus weir for Venkannapalem tank.	..	2,400	2,400	31st March 1898 ..	1,574	31st March 1898.	

Return of Open Capital Sanctions for 1897-98—*cont.*

Sanctioning authority.	Name of work.	Sanctioned estimate including establishment and tools and plant charges.			Date of expiry of sanction.	Amount for which work is completed.	Date on which work is completed and sanction closed.	Remarks.
		Class I.	Class II.	Total.				
1	2	3	4	5	6	7	8	9
	SANGAM ANICUT SYSTEM.	RS.	RS.	RS.		RS.		
	Works completed.							
P.M.G., No. 357 I., dated 23rd April 1895. P.M.G., No. 793 I., dated 31st August 1897.	17. Extending minor channel 19 miles, left bank, Eastern channel.	..	1,370	1,370	31st March 1898 ..	1,437	31st March 1898.	
P.M.G., No. 429 I., dated 20th May 1895. P.M.G., No. 788 I., dated 25th September 1896. P.M.G., No. 793 I., dated 31st August 1897.	18. Kanigiri canal drainage scheme for Dampur tank-bed.	..	5,610	5,610	31st ,, ,, ..	6,643	31st ,, ,,	
Government of India, No. 271 I., dated 5th November 1895) P.M.G., No. 998 I., dated 20th November 1895.)	19. Providing screw-gearing shutters for the Kanigiri reservoir.	16,000	..	16,000	31st ,, ,, ..	14,294	April 1897.	
P.M.G., No. 122 I., dated 12th February 1898.	20. Constructing an extra span of 40 feet for Pyderu Railway bridge.	7,754	..	7,754	31st ,, ,, ..	7,754	31st March 1898.	
	Works in progress.							
P.M.G., No. 927 I., dated 19th October 1897.	21. Improvements to Kanigiri reservoir ..	..	11,100	11,100	31st ,, 1899 ..	..	....	
	Works sanctioned, but not commenced.							
Government of India, No. 77 I., dated 13th April 1896 (P.M.G., No. 407 I., dated 9th May 1896.)	22. Diverting the surplus water of the Kanigiri reservoir into the Pyderu river.	..	2,08,000	2,08,000	31st ,, 1900 ..	..	....	
	Works requiring renewal of sanction.							
Government of India, No. 270 I., dated 5th November 1895. Government of India, No. 297 I., dated 13th November 1897. P.M.G., No. 1027 I., dated 26th November 1895. P.M.G., No. 1039 I., dated 23rd November 1897.	23. Allur main drain, land compensation ..	5,600	..	5,600	31st ,, 1898 ..	..	....	
P.M.G., No. 368 I., dated 29th April 1895. P.M.G., No. 793 I., dated 31st August 1897.	24. Varni branch channel, No. 2, Eastern channel.	..	2,150	2,150	31st ,, ,, ..	..		Extension of sanction will be applied for separately. *
P.M.G., No. 536 I., dated 25th June 1896.	25. Gogulapalli branch channel, minor channel, 1 mile 560 feet, left bank.	2,810	..	2,810	31st ,, ,, ..	..	..	
	CAUVERY DELTA SYSTEM.							
	Works completed.							
P.M.G., No. 195 I., dated 28th February 1895.	26. Improvements to Nariyangudi dam across Odembhogiyar.	2,070	..	2,070	31st March 1898 ..	1,456	31st July 1897.	
P.M.G., No. 749 I., dated 14th September 1895.	27. Constructing a new head sluice to Thirunagari channel.	1,610	..	1,610	31st ,, ,, ..	408	30th June 1897.	
Government of India, No. 259 I., dated 23rd October 1895 (P.M.G., No. 921 I., 2nd November 1895).	28. Constructing a regulator of nine vents across the Vettar just below the offtake of the Odembhogiyar.	29,100	..	29,100	31st ,, ,, ..	30,592	31st March 1898.	
P.M.G., No. 473 I., dated 4th June 1896. P.M.G., No. 218 I., dated 15th March 1898.	29. Fitting the Mudicondanar bridge with shutters.	9,750	..	9,750	31st ,, ,, ..	9,750	31st Oct. 1897.	
P.M.G., No. 909 I., dated 1st November 1895. P.M.G., No. 793 I., dated 31st August 1897. P.M.G., No. 285 I., dated 2nd April 1898.	30. Constructing a drainage sluice for Nickunnam drainage channel and foot bridge at the infall of Vickramanar bridge in the Vettar.	3,708	..	3,708	31st ,, ,, ..	3,708	31st Dec. 1897.	
P.M.G., No. 186 I., dated 23rd February 1897.	31. Improving Vadakarai, Kohoor channel, Thirumalairajanar left bank, 64th mile.	..	2,630	2,630	31st ,, ,, ..	2,721	30th Nov. 1897.	
P.M.G., No. 467 I., dated 1st June 1895. P.M.G., No. 755 I., dated 17th August 1897.	32. Restoring the old irrigation channel of Sithanavalur and constructing the necessary masonry works for it in the Vettar left bank.	..	4,560	4,560	31st ,, ,, ..	4,430	28th Feb. 1898.	
P.M.G., No. 768 I., dated 20th September 1895. P.M.G., No. 565 I., dated 12th July 1898.	33. Improving Thavanar dam across Veerasholam and constructing a syphon for Ayappadi drainage on Nundalar left bank.	* 3,800	..	3,800	31st ,, 1899 ..	3,941	31st March 1898.	* P.M.G., No. 768 I., dated 20th Sept. 1895— RS. Dam .. .. 1,270 P.M.G., No. 565 I., dated 12th July 1898— Syphon .. 1,820 3,090 Establishment .. 710 Total .. 3,800
	Works in progress.							
P.M.G., No. 312 I., dated 23rd March 1897.	34. Improving the Munnkarai dam across the Panguni channel.	4,060	..	4,060	31st ,, ,, ..	..	..	
P.M.G., No. 919 I., dated 3rd November 1896.	35. Improving Melaperumalai dam across Marakakarayar and providing a new head to Melaperumalai channel.	6,120	..	6,120	31st ,, ,, ..	..	..	
Government of India, No. 113 I., dated 12th April 1897 (P.M.G., No. 443 I., dated 11th May 1897). P.M.G., No. 593 I., dated 30th June 1897.	36. Fitting lift shutters to the Grand anicut ..	1,29,200	..	1,29,200	31st ,, ,, ..	..	..	

Return of Open Capital Sanctions for 1897-98—*cont.*

Sanctioning authority.	Name of work.	Sanctioned estimate including establishment and tools and plant charges.			Date of expiry of sanction.	Amount for which work is completed.	Date on which work is completed and sanction closed.	Remarks.
		Class I.	Class II.	Total.				
1	2	3	4	5	6	7	8	9
	Works in progress—cont.	Rs.	Rs.	Rs.		Rs.		
P.M.G., No. 1086 I., dated 23rd December 1896. P.M.G., No. 443 I., dated 8th June 1898.	37. Improving Kali Voikal, an offtake of Vickramanar.	3,100	..	3,100	31st March 1899 ..	..	..	
P.M.G., No. 730 I., dated 9th August 1897.	38. Constructing a rest-house with out-houses at Paralam.	3,050	..	3,050	31st ,, ,, ..	..	..	
P.M.G., No. 454 I., dated 14th May 1897.	39. Constructing a masonry regulating dam across Porai Voikal.	2,900	..	2,900	31st ,, ,, ..	..	..	
P.M.G., No. 43 I., dated 18th January 1898.	40. Constructing sheds for lascars and stores for Vettar regulator at Kukan.	1,750	..	1,750	31st ,, 1900 ..	..	..	
Government of India, No. 126 I., dated 1st May 1897, (P.M.G., No. 500 I., dated 28th May 1897).	41. Improvement of the Upper Coleroon anicut .	6,57,000	..	6,57,000	31st ,, ,, ..	..	..	
	Works sanctioned but not commenced.							
P.M.G., No. 1102 I., dated 9th December 1897.	42. Improvements to Kangayan channel ..	5,820	..	5,820	31st ,, ,, ..	..	..	
P.M.G., No. 990 I., dated 10th November 1897.	43. Constructing a masonry regulating dam ..	1,510	..	1,510	31st ,, 1899 ..	..	..	
	Works requiring renewal of sanction.							
P.M.G., No. 485 I., dated 15th June 1895. P.M.G., No. 793 I., dated 31st August 1897.	44. Providing an experimental pair of shutters to replace body wall in arch No. 8 from right south branch of the Upper Coleroon anicut.	3,540	..	3,540	31st ,, 1898 ..	..	..	
P.M.G., No. 853 I., dated 7th November 1894. P.M.G., No. 873 I., dated 24th October 1896.	45. Reconstructing old dam across Iyaviyanar..	4,731	..	4,731	31st ,, ,, ..	..	..	
P.M.G., No. 6 I., dated 3rd January 1896.	46. Enlarging Keeranur dam in the Nundalar..	4,560	..	4,560	31st ,, ,, ..	..	..	
P.M.G., No. 667 I., dated 11th August 1896.	47. Improvements to Santhanavari channel, an offtake of the Vettar.	..	6,860	6,860	31st ,, ,, ..	..	..	
P.M.G., No. 599 I., dated 31st July 1895. P.M.G., No. 644 I., dated 12th July 1897.	48. Improvements to Maraneri Iyanar tank ..	5,500	..	5,500	31st ,, ,, ..	..	..	Extension of sanction will be applied for separately.
P.M.G., No. 937 I., dated 10th November 1896.	49. Providing screw-gearing shutters to head sluices of north and south Rajan channels.	3,080	..	3,080	31st ,, ,, ..	..	..	
P.M.G., No. 77 I., dated 20th January 1897.	50. Constructing quarters for Superintendent and lascars at Sellore anicut across the Vettar.	1,780	..	1,780	31st ,, ,, ..	..	..	
P.M.G., No. 844 I., dated 20th September 1897.	51. Scientific instruments and office furniture for the use of the special establishment connected with the Cauvery Delta system.	5,400	..	5,400	31st ,, ,, ..	..	..	
	Srivaikuntam Anicut System.							
	Works completed.							
P.M.G., No. 564 I., dated 17th June 1897.	52. Constructing a retaining wall and apron in front of the Uppur Odai dam.	6,000	..	6,000	31st March 1899 ..	5,941	31st March 1898.	
	Works requiring renewal of sanction.							
P.M.G., No. 650 I., dated 12th August 1895.	53. Improving Palayakoyal tank	3,200	..	3,200	31st ,, 1898 ..	..	..	Extension of sanction will be applied for separately.
P.M.G., No. 852 I., dated 22nd October 1896.	54. Forming a new bank in the bed of Korampallam tank.	1,370	..	1,370	31st ,, ,, ..	..	..	An estimate amounting to Rs. 14,500 inclusive of establishment and tools and plant charges for these works was originally sanctioned in P.M.G., No. 361 I., dated 13th April 1897, but a revised estimate for the first work having since been sanctioned in P.M.G., No. 78 I., dated 26th August 1897, the amount of the estimate for the other two items has been fixed as shown below :—
	Periyar Project.							
	Works in progress.							
P.M.G., No. 361 I., dated 13th April 1897. P.M.G., No. 788 I., dated 26th August 1897.	55. XII. Branch channel No. 3 distributary from left sluice of drop No. 5.	..	3,600	3,600	31st March 1899 ..	..	..	
P.M.G., No. 361 I., dated 13th April 1897.	56. XII. Branch channel No. 4 distributary from the right sluice of drop No. 6 at 2 miles 140 feet.	..	6,200	* 6,200	31st ,, ,, ..	..	..	
P.M.G., No. 361 I., dated 13th April 1897.	57. XII. Branch channel No. 7 distributary from proposed head sluice at 5 miles and 4,100 feet.	..	3,910	† 3,910	31st ,, ,, ..	..	..	
P.M.G., No. 397 I., dated 27th April 1897.	58. Excavating distributary and field channels from the right sluice of drop No. 14 in 9th branch channel.	..	1,760	1,760	31st ,, ,, ..	..	..	
P.M.G., No. 587 I., dated 29th June 1897.	59. No. 5 distributary from 2 miles 1,040 feet on the left bank, 12th branch channel.	..	4,700	4,700	31st ,, ,, ..	..	..	
P.M.G., No. 796 I., dated 1st September 1897.	60. Excavating No. 8 distributary taking off at 7 miles 3,440 feet on the left bank of 12th branch channel.	..	9,300	9,300	31st ,, ,, ..	..	..	
P.M.G., No. 842 I., dated 20th September 1897.	61. Constructing cross drainage works in the 3rd branch channel of the Periyár main channel.	3,000	..	3,000	31st ,, ,, ..	..	..	
P.M.G., No. 887 I., dated 7th October 1897.	62. Excavating 10th distributary channel at 8 miles 5,160 feet 12th branch channel.	..	5,700	5,700	31st ,, ,, ..	..	..	
P.M.G., No. 910 I., dated 14th October 1897.	63. Excavating a distributary channel from the left sluice of drop No 8 Kunnathore offtake in the 9th branch channel.	..	2,270	2,270	31st ,, ,, ..	..	..	

	Rs.	Rs.
Land	* 304	† 218
Works	4,766	3,002
Establishment	1,096	690
Tools and plant	34	..
	6,200	3,910

Return of Open Capital Sanctions for 1897-98—*cont.*

Sanctioning authority.	Name of work.	Sanctioned estimate including establishment and tools and plant charges.			Date of expiry of sanction.	Amount for which work is completed.	Date on which work is completed and sanction closed.	Remarks.
		Class I.	Class II.	Total.				
1	2	3	4	5	6	7	8	9
	Works in progress—cont.	Rs.	Rs.	Rs.				
P.M.G., No. 942 I., dated 21st October 1897.	64. Constructing an irrigation sluice at 3 miles 3 furlongs and excavating distributary and field channels from the same in the 9th branch channel.	..	1,930	1,930	31st March 1899 ..	..	..	
P.M.G., No. 994 I., dated 21st October 1897.	65. Excavating field channels from the proposed pipe and masonry sluices in the Kunnathore offtake in the 9th Branch channel.	..	1,450	1,450	31st ,, ..	..	..	
P.M.G., No. 1006 I., dated 12th November 1897.	66. Constructing surplus weir at left flank of Athalai tank.	2,200	..	2,200	31st ,, ..	..	..	
P.M.G., No. 1013 I., dated 13th November 1897.	67. Excavating distributary taking off from the sluice on the right bank of the Periyar main channel at 22 miles in the 6th Reach.	..	3,600	3,600	31st ,, ..	..	..	
P.M.G., No. 1002 I., dated 12th November 1897.	68. Re-grading 8th Branch channel and constructing cross drainage works in the same.	..	5,800	5,800	31st ,, ..	..	..	
P.M.G., No. 1104 I., dated 9th December 1897.	69. Constructing a sluice and distributary channel at 30 miles 6 furlongs and 100 feet in the 11th Reach.	..	7,000	7,000	31st ,, ..	..	..	
Government of India, No. 304 I., dated 30th November 1897 (P.M.G., No. 1141 I., dated 22nd December 1897.)	70. Excavating 6th Distributary of the 12th Branch channel and its five subsidiary channels.	..	33,300	33,300	31st ,, ..	..	..	
P.M.G., No. 900 I., dated 9th October 1897.	71. Excavating 9th Distributary channel and its masonry works taking off at the 8th mile on the right bank of 12th Branch channel.	..	24,300	24,300	31st ,, ..	..	..	
	Works requiring renewal of sanction.							
P.M.G., No. 572 I., dated 23rd June 1897.	72. Excavating distributary and field channels from left sluice of drop No. 14 in the 9th Branch channel.	..	3,800	3,800	31st ,, 1898 ..	..	..	Extension of sanction will be applied for separately.

NOTE.—Items Nos. 20 to 22 and 95 though sanctioned under "Provincial 43. Minor Works and Navigation" are included in this statement, pending receipt of the orders of the Government of India on the information furnished in P.M.G., No. 560 I., dated 22nd July 1898, with reference to letter No. 270 I., dated 26th November 1895, from that Government, printed with P.M.G., No. 1027 I., dated 6th September 1898.

(Signed) J. C. LARMINIE,
Ag. Chief Engineer for Irrigation.

No. 234 I.

Submitted to Government.

2. The return has been compiled in this office from the statements forwarded by the Superintending Engineers concerned and verified by the Examiner of Public Works Accounts. It should have reached the Government of India by the 15th August; the delay in its submission is due to the late receipt of the statements from the Superintending Engineers, and to the necessity for making a reference to the Superintending Engineer, I Circle, regarding the date of completion of a certain work for which information was received in this office only on the 31st August 1898. This Superintending Engineer, moreover, submitted his statement direct to this office instead of through the Examiner of Public Works Accounts, as directed in G.O., No. 624 I., dated 15th July 1893.

(Signed) J. C. LARMINIE,
Ag. Chief Engineer for Irrigation.

6th September 1898.

ORDER—No. 738 I., dated 23rd September 1898.

Ordered that the return be forwarded to the Government of India.

2. The attention of the Superintending Engineers concerned is drawn to the remarks of the Chief Engineer for Irrigation in paragraph 2 of his endorsement.

[Here enter No. 739 I., dated 23rd September 1898.]

(True Extract.)

(Signed) J. C. LARMINIE,
Ag. Joint Secy. to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineers, I, II, V and VI Circles.
,, Examiner, Public Works Accounts.

ENDORSEMENT—No. 739 I., dated 23rd September 1898.

Forwarded.

(By order.)

(Signed) J. C. LARMINIE,
Ag. Joint Secy. to Government,
Irrigation Branch.

Exd. A. F. Eccleston.

PUBLIC WORKS DEPARTMENT,

IRRIGATION BRANCH.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

1st Return of Open Capital Sanctions for 1897-98.

No 2341 I dt 6-9-98
Submitted to Government.

Print & issue immediately

JCL
6/9/98

2. The return has been compiled in this office from the statements forwarded by the Supg: Engineers concerned and verified by the Examiner of P.W. accounts. ~~It~~ It should have ~~reported delay in its submission~~ reached the Government of India by the ~~due date being~~ the delay in its submission 15th August is due to the late receipt of the statements from the Supg: Engineers, and to the necessity ~~information~~ for making a reference to the S.E. I regarding the date of completion of a certain work

For which

Public Works (1898) Department.

urgent

CURRENT No. 7505

Urgent.

From The Chief Engineer.
for Irrigation

Order

No. 234 d

Dated 6.9.98.

Received

Registered 8-9-98

Enclosures 1

Spare copies

SUBJECT.

Return of open Capital Sanctions for 1897-98 - Submitted with remarks.

which was not furnished in the statement having had to be obtained from the Supg. Engineer 1st Circle. This information was received in this office only on the 31st August/98. The Supg: Engineer, 1st Circle submitted his statement direct to this office instead of through the Examiner of P.W. Accounts, as directed in G.O. No. 624 I, dated 15th July 1893.

Order thereon No: 7382 d 23.9.98
Ordered that the return be forwarded to the Govt. of India.

2. The attention of the concerned Supg: Engineers is drawn to the remarks of the Chief Engineer for Irrigation in para 2 of his endorsement.

Endorsement Forwarded. No: 7392 d 23.9.98

To, The Chief Engr for Irrign.
" Supg Engrs I, II, & 2 Circles
" Examiner P.W. Accounts

P.I. Form No. 1—1,000—8-98.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

K. I. Form No. 1—1,000—8-08.

Return of Open Capital sanctions for 1897-98.

Sanctioning authority	Name of work	Sanctioned estimate including establishment and tools and plant charges			Date of expiry of sanction	Amount for which work is completed	Date on which work is completed and sanction closed	Remarks
		Class I	Class II	Total				
1	2	3	4	5	6	7	8	9
		Rs as	Rs as	Rs as		Rs as		
	Godavari Delta System							
	Works completed							
Govt of India letter No 3043 dy 28th Dec/92								
" 2979 dy 13th Nov/97	1. Schedule of incomplete works	17.501	87132	104.633	31st March 1898	106.697	31st March/98	
PWG No 389 dy 14 Jan/93								
" 1039 dy 23 Nov/97								
PWG No 969 dy 29.10.97	2. Excavating Vakatippa branch of Kotta side channel	4	3000	3000	31st March 1898	3022	31st March/98	
	Central Section							
	Amalapuram Canal							
	out buildings at Chettipatt - —	6.920	"	6.920	31st March/98	3.512	31st March/98	Rs 2900 were written back to 42 Major works - Working expenses with reference to G.O.No 2379 dy 7th March/96.
	Bank Canal							
PWG No 2219 dy 4.3.96	6. Excavating Kaza							
" 7329 dy 9.8.97	branch of Vaddi lanka channel -	"	1880	1880	31st March/98	1574	31st March/98	
	Main Canal							
PWG No 890 dy 30 10/95	7. Constructing a plat-							
" 11259 dy 14 12/97	form to Vizeshwaram head sluice - —	.	3964	3.964	31st March/98	3964	31st March/98	
	Atili Canal							
PWG No 4649 dy 29 5/96	8. Excavating proposed No 1 and 2 branches of Rameswaram channel - - —		6.100	6,100	31st March/98	5.855	31st March/98	

		Works in progress					
		Eastern Section					
		Head Works					
of India 1929 dy 8th July/97 G.O. No 696 dy 28 7/97	9	Fitting falling shutters on the crest of the Godavari anicut	217.000	.	217.000	31st March/99	×
		Central Section					
		Vriddha Gowtami drain					
M.G.No 649 dy 9.8.96	10	Diversion of Vriddha Gowtami drain at Mettalanka	5310	.	5310	31st March 1899	×
		Bank canal					
G.O. No 143 dy 5/97	11	Diversion of Bank canal at Godhilanka set	1430	.	1430	31st March 1899	×
		Gunnaram Canal					
P.W.G. No 109 Dy 8 2/98	12.	Excavating the Sivakodu side channel for left bank of the canal	2570	.	2570	31st March 1900	
		Works requiring renewal of sanction					
		Eastern Section					
		Cocanada canal					
P.W.G. No 507 Dy 12 6/96	13.	Excavating Muramanda channel from 4 miles 7 furlongs and 562 feet of Cocanada canal	5460	5460	31st March/98		
		Western Section					
		Bank Canal					
P.W.G. No 283 Dy 24 3/96	14	Excavating Atsanta minor branch channel from 5 miles 7 furlongs 460 feet of Atsanta channel	1960	1960	31st March/98		Extension of sanction will be applied for

P.Mg. N° 618 J d/ 29 7/96	15 Excavating Peda- mallam channel from 28 miles 60 chains ✓	"	2860	2860	31st March/98	X	X	for separately.	
	Penner Anicut System Works completed								
P.Mg. N° 803 d/ 22.1.96	16 Jaffer saib's canal- Constructing a sur- plus weir for Ven- kannapalem tank	.	2400	2400	31st March/98	1574	31st March/98	Apparent saving due to write back of cost of old work ~~and~~ P.M. G.N. 801 dated 22nd January/9	
	Sangam Anicut System Works completed								
P.Mg N° 357 J d/ 23 4/95 7939 d/ 31.8.97	17. Extending minor channel 19 miles, left bank, Eastern channel - - -	.	1370	1370	31st March/98	1437	31st March/98	✓	
P.Mg. 4299 d/ 20 5/95									

14	22	5-	5-	5-	£	5-	£	14
" 788 J d/ 25 7/96 " 793 J d/ 31.8.97	18. Kanigiri canal drainage scheme for Dampur tank bed - - - -	.	5610	5610	31st March/98	6643	31st March/98	✓
Govt of India N° 271 J d/ 5.11.95 (P.Mg. 998 J d/ 20 11/95)	19. Providing screw gearing shutters for the Kanigiri reservoir - -	16000	.	16000	31st March/98	14294	April/97	✓
P.Mg N° 122 J d/ 12 2/98	20. Constructing an extra span of 40 feet for Pyderu Railway Bridge - - -	7754	.	7754	31st March/98	7754	31st March/98	✓
	Works in progress							
P.Mg. N° 927 J d/ 19 10/97	21 ✓ Improvements to Kanigiri reservoir	.	11,100	11,100	31st March 1899		✓	
	Works sanctioned but not commenced							
Govt. of India N° 77 J d/ 13.4.96 (P.M.G N° 407 J d/ 9.5.96)	22 ✓ Diverting the sur plus water of the Kanigiri reservoir into the Pyderu river - -	.	2,08,000	2,08,000	31st March 1900		✓	

14	22	5-	5-	5-	9	5-	9	14
	Works requiring renewal of sanction							
Govt of India No 2709 dy 5th May 95 " 2979 dy 13 " 11.97 Pmg No 10279 dy 26.11.95 " 10399 dy 23.11.97	23 Allur main drain land compensation	5600	.	5600	31st March 98			
Pmg No 3689 dy 29.4.95 " 7939 dy 31.8.97	24 Varni branch channel, No 2 Eastern channel — —	"	2150	2150	31st March 98			Extension of sanction will be applied for separately.
Pmg No 5369 dy 25 6/96	25 Gogulapalli branch channel, minor channel, 1 mile 560 feet, left bank ...	2810	.	2810	31st March 98			
	Cauvery Delta System Works completed							

14	22	5-	5-	5-	9	5-	9	14
Pmg No 1959 dy 28.2.95	26 Improvements to Nariyangudi dam across Odenthogi-yar — — —	3800		3800				
" 7499 dy 14th Sept/95	27 Constructing a new head sluice to Thi-runagari channel	1610	.	1610	31st March 98	408	30th June 97	The Supg: Engineer has not explained the cause of the large saving in this item.
Govt of India No 259 dy 23rd Oct/95 (Pmg. No 9219 dy 2.11.95)	28 Constructing a regu-lator of nine vents across the Vettar just below the off take of the Odem thogiyar — —	29100	.	29100	31st March 98	30592	31st March 98	
P.M.G No 4739 dy 14.6.96 " 2189 dy 15.3.98	29 Fitting the Mudicon-davar bridge with shutters — — —	9750	.	9750	31st March 98	9750	31st Oct 97	
P.M.G. No 9099 dy 1.11.95 " 7939 dy 31.8.97 " 2859 dy 2.4.98	30 Constructing a drain-age sluice for Nichan-nam drainage channel and foot bridge at the infall of Vikramanar bridge in the Vettar	3708	.	3708	31st March 98	3708	31st Dec 97	

14	22	5-	5-	5-	2	5-	2	14	
P.M.G. N° 1869 dy 23 2/97	31. Improving Vadaka- rai Kohor channel, Thirumalairajanar left bank, 64th mile	✓	2630	2630	31st March 98	2721	30th Nov 97	1897	× ×
P.M.G N° 4679 dy 1.6.95 " 7559 dy 17.8.97	32 Restoring the old irri- gation channel of Sithanavalur and constructing the ne- cessary masonry works for it in the Vettar left bank	✓	4560	4560	31st March 98	4430	28th Feby 98		×
	Works in progress								
P.M.G N° 3129 dy 23-3-97	33 Improving the Murukarai dam across Pungani ch.	4060	.	4060	31st March 99				
P.M.G N° 768 dy 20.9.95 " 5659 dy 12.7.98	~~34~~ 33 Improving Thovanar- dam across Veera- cholan and con- structing a syphon for Ayyappadi drainage on Nanda- lar left bank	@ 3800	.	3840	31st March 1899	3941	31st March 98	P.M.G N° 768 dy 20.9.95 Dam 1270. dc. 5659 dy 12.7.98 Syphon 1820 3090 Estmt 710 Total 3800	
Works in progress.									

P.M.G. N° 3129 dy 23-3-97	34 Improving the Murukarai dam across the Pungani ch.	4060	.	4060	31 March 99.				
P.M.G N° 919 dy 3.11.96	35 Improving Mela- perumalai dam across Marakaka- rayar and providing a new head to Melaperumalai channel	✓ 6120	.	6120	31st March 99				× ×
Govt of India N° 1139 dy 12-4-97 (P.M.G N° 4439 dy 11-5-97). P.M.G. N° 593 dy 30-6-97)	36 Fitting lift shutters to the grand anicut	129200	.	129200	31st March 99				
P.M.G. N° 1086 dy 23.12.96 " 1139 dy 8.6.98	37 Improving Kali Voikal, an offtake of Vickramanar	3100	.	3100	31st March 99				× ×
P.M.G. N° 730 dy 9.8.97	38 Constructing a rest house with outhouse at Paralam	3050	.	3050	31st March 99				
P.M.G. N° 4549 dy 14 5/97	39 Constructing a masonry regulating dam across Porai voikal	2900	.	2900	31st March 99				
P.M.G. N° 439 dy 18.1.98	40 Constructing sheds for lascars & stores for Vettar regulator at Eukan	1750	.	1750	31st March 1900				× ×

Govt of India No 1263 dy 1.5.97 (Bng No 500 I dy 28-5-97)	41	Improvement of the Upper Coleroon anicut	6.57000	.	6.57000	31st March 1900		
		Works sanctioned but not commenced						
PMG. No 1102 I dy 9 12/97	42	Improvements to Kangayan channel	5820	.	5820	31st March 1900		
PMG No 990 I dy 10 11/97	43	Constructing a masonry regulating dam	1510	.	1510	31st March 99		
		Works requiring renewal of sanction						
PMG. No 485 I dy 15.6.95 793 I dy 31.8.97	44	Providing an experimental pair of shutters to replace body wall in arch No 8 from right south branch of the Upper Coleroon anicut	3540	.	3540	31st March 98		
PMG No 853 I dy 7.11.94 873 I dy 24.10.96	45	Reconstructing old dam across Iyaviyanar	4731	.	4731	31st March 98		
PMG. No 69 dy 3.1.96	46	Enlarging Neeranur dam in the Nundalar	4560	.	4560	31st March 98		
PMG No 667 I dy 11.8.96	47	Improvements to Santhanavari channel, an offtake of the Vettar	.	6860	6860	31st March 98		
PMG No 599 I dy 31.7.95 644 I dy 12.7.97	48	Improvements to Maranery Iyanar tank	5.500	.	5.500	31st March 1898		
PMG No 937 I dy 10 11/96	49	Providing screw gearing shutters to head sluices of North and South Rajan channels	3080	.	3080	31st March 1898		
PMG No 77 I dy 20.1.97	50	Constructing quarters for superintendent and lascars at Sellore anicut across the Vettar	1780	.	1780	31st March 1898		Extension of sanction will be

P.W.G. No. 844 d/20 2/97	51. Scientific instruments and office furniture for the use of the special establishment connected with the Cauvery delta system — —	5.400	.	5.400	31st march 1898			to be applied for separately
	Srivaikuntam anicut system Works completed							
P.W.G. No. 564 d/17 6/97	52 Constructing a retaining wall and apron in front of the Upper Odai dam — —	6.000	.	6000	31st march/99	5941	31st march/98	✓
	Works requiring renewal of sanction							
P.W.G. No. 650 d/12 8/95	53 Improving Palaya-kayal tank —	3.200	.	3.200	31st march/98			✓ Extension of sanction will be applied for separately
	Periyaur project Works in progress							
P.W.G. No. 361 d/13.4.97 788 d/26.8.97	55 XII. Branch channel No. 3. Distributary from left sluice of Drop No. 5 —	.	3600	3.600	31st march/99			An estimate amounting to Rs 14.500 inclusive of establishment and tools and plant charges for these works was originally sanctioned in P.W.G. No. 361 d/13th april/97 but a Revised estimate for the first work having since been sanctioned in P.W.G. No. 788 d/26 August/97 the amount of the estimate for the other two items has been fixed as shown below—
P.W.G. No. 361 d/13.4.97	56 XII. Branch channel No. 4. Distributary from the right sluice of Drop No. 6 at 2 miles 140 feet —	"	6.200	⊛ 6.200	31st march/99			
	57 XII. Branch channel No. 7 Distributary from proposed head sluice at 5 miles and 4,100 feet —	"	3910	+ 3910	31st march/99			
P.W.G. No. 397 d/27 4/97	58. Excavating distributary and field channels from the right sluice of Drop No. 14 in 9th Branch channel — — —	"	1760	1760	31st march/99			
P.W.G. No. 587 d/29 6/97	59 No. 5 Distributary from 2 miles 1040 feet on the left bank 12th Branch channel	"	4700	4700	31st march/99			

⊛ Land 304 × 2·18 = 662
Works 4766 × 3·00 = 14298
Estabt 1096 × 2·90 = 3178
Tools & plt 34 × 4 = 136
6260 18274
÷ 4
3.910

P.W.C. No. 796 Dd 19/9/97	60. Excavating No 8 Distributary taking off at 7 miles 3440 feet on the left bank of 12th Branch channel		9.300	9.300	31st March 99	✓
P.W.C. No. 842 Dd 20/9/97	61. Constructing cross drainage works in the 3rd Branch channel of the Periyaur main channel	3.000		3.000	31st March 99	✓
P.W.C. No. 887 Dd 7/10/97	62. Excavating 10th Distributary channel at 8 miles 5160 feet 12th Branch channel		5.700	5.700	31st March 1899	✓
P.W.C. No. 910 Dd 14/10/97	63. Excavating a Distributary channel from the left sluice of drop No 8 Kunnathore offtake in the 9th Branch channel		2.270	2.270	31st March 99	✓
P.W.C. No. 942 Dd 21/10/97	64 Constructing an irrigation sluice at 3 miles 3 furlongs and excavating distributary and field channels from the same in the 9th Branch channel		1.930	1930	31st March 99	✓
P.W.C. No. 944 Dd 21/10/97	65 Excavating field channels from the proposed pipe and masonry sluices in the Kunnathore offtake in the 9th Branch channel		1450	1450	31st March 99	✓
P.W.C. No. 1000 Dd 12/11/97	66 Constructing surplus weir at left flank of Athalai tank	2.200		2200	31st March 99	✓
P.W.C. No. 1013 Dd 13/11/97	67 Excavating distributary taking off from the sluice on the right bank of the Periyaur main channel at 22 miles in the 6th Reach		3600	3600	31st March 99	✓
P.W.C. No. 1002 Dd 12/11/97	68 Regrading 8th Branch channel and constructing cross drainage works in the same		5.800	5.800	31st March 99	✓

P.W.G. No. 1104 I dy 9 12/97	69	Constructing a sluice and distributary channel at 30 miles 6 furlongs and 100 feet in the 11th Reach	"	7000	7000	31st March 99		
Govt. of India No. 3041 dy 30th Nov 97								
P.W.G. No. 1141 I dy 22 12/97	70	Excavating 6th Distributary of the 12th Branch channel and its five subsidiary channels	"	33300	33300	31st March 99		
P.W.G. No 900 I dy 9.10.97	71	Excavating 9th Distributary channel and its masonry works taking off at the 8th mile on the right bank of 12th Branch channel Works requiring renewal of sanction	"	24300	24300	31st March 99		
P.W.G. No. 572 I dy 23rd June 1897	72	Excavating distributary and field channels from left sluice of Drop No 14 in the 9th Branch channel	"	3800	3800	31st March 1898		Extension of sanction will be applied for separately

XD 31.8.98

		-palli channel head to end of Amala -puram canal	"	1580	1580	31st March/98	1437	31st March/98
P.W.G. No. 393 I dy 3 5/95	4.	Excavating Mukkamala east side channel	"	4130	4130	31st March/98	4379	December/97
		Western Section Head works						
P.W.G. No. 237 I dy 7 3/96 " 811 I dy 8 10/96	5.	Constructing a rest house with						

Note - Items No. 20 to 22 and 25 Roug. sanctioned under "Provincial 43 Minor works & Navigation" are included in this statement, pending receipt of the orders of the Govt of India on the information furnished in P. W. G. No 559. I. dated 22nd July 1898, with reference to his letter No. 270 I dated 5th November 1895 from that Government, printed with P.W.G. No. 1027 I dy 26th November 1895.

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Recd

J Clarence
Ag Chief Engr for Irrign