

7288
Public Works (1896) Department.

G.O., No. 873-74

DATED 24th October 1896

[Despatch Abstract.]

Open Capital Rules: Extending the dates for completion of certain items in the statement of works sanctioned up to 1895-96 under — and requesting the Govt of India to extend the dates for completion of certain other items in the Statement.

Reffo: Forwarding Pro: requesting that the dates for completion of certain items in the statement of works sanctioned up to 1895-96 under — be extended.

T.C. 24/10

24/10

160/8

20/2

Government { 1896 } of Madras.
PUBLIC WORKS.

} 1896.	<i>Enclosures</i>
	<i>Spare copies</i>

OCTOBER.

The estimate of the cost of upkeep of the — of the Gódávári delta system, approved, and Rs. 17,407 ordered to be provided on this account in the budget estimates for 1897-98.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

From J. C. LARMINIE, Esq., M.I.C.E., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, dated Surada, 9th September 1896, No. 1159 G.D.

I have the honour to submit, herewith, the annual statements, Parts I and II, together with the abstract for the Irrigation and Navigation floating plant for the ensuing official year 1897-98.

2. The probable cost of maintenance of floating plant for 1897-98 is estimated at Rs. 17,407, exclusive of the cost of upkeep of ferry ballacuts on different canals. The required funds will be applied for in the budget.

ENCLOSURES.

RETURN No. 27.

STATEMENT of the Irrigation Floating Plant in the Gódávári district showing the estimated cost of upkeep during the year 1897-98.

Part I.—Steamers and Steam Dredgers.

Registered number.	Details of plant.		Value of plant.		Probable cost of upkeep in 1897-98.	Remarks.
	Description.	Names of steamers, &c.	Original.	Present book value.		
1	2	3	4	5	6	7
		<i>Irrigation.</i>	RS.	RS.	RS.	
	Steamer	"Shamrock"	20,014	6,111	860	Under repairs.
		"Arthur Cotton"	9,535	5,828	430	
		"Victoria"	50,956	15,054	910	
	Steam Tug	"John Mullins"	31,054	15,210	920	In working order.
		Total ..	1,11,559	42,203	3,120	
1		Canal iron dredger, double bucket ladder, side delivery.	26,373	1,705	..	Being converted into a flat as per G.O., No. 974 I. of 15th November 1895, therefore probable cost of upkeep is not given.
2		Canal iron dredger, single bucket ladder, end delivery.	15,395	1,117	460	
3	Dredger	Canal iron dredger, single bucket ladder, side delivery.	30,437	3,982	460	
4		Do. do. ..	30,437	4,434	460	In working order.
5		Do. do. ..	30,437	2,793	460	
6		Do. do. ..	31,097	3,963	460	
7		Priestman's size B ..	16,580	3,371	460	
8		Do. "A-1" ..	13,438	4,310	460	
9		Do. "A-2" ..	16,120	8,415	460	
		Total ..	2,10,314	34,090	3,680	
		Grand Total ..	..	..	6,800	

Rules for finding present book value.

- (1) Steamers to be reduced 10 per cent. every year, and the amount of special repairs, if any, must be added thereto.
(2) Steam dredgers to be reduced 15 per cent. every year, and the amount of special repairs, if any, must be added thereto.

RETURN No. 27.

STATEMENT of the Irrigation Floating Plant in the Gódávári district showing the estimated cost of upkeep during the year 1897-98.

Part II.—Barges, Boats and Punts.

Registered number.	Description of boats.	Value of plant.		Probable cost of upkeep in 1897-98.	Remarks.
		Original.	Present book value.		
	<i>Irrigation.</i>	RS.	RS.	RS.	
1	Iron flat	6,243	1,515	140	In good working order, lately repaired.
3	Canal iron punt	2,811	1,253	120	
5	Do.	2,812	1,381	120	
7	Do.	2,812	1,515	120	In working order.
10	Do.	2,812	1,039	120	
11	Do.	2,812	1,136	120	
13	Iron dredge punt	2,310	1,173	75	In good working order, lately repaired.
15	Canal iron punt	2,812	906	120	
17	Do.	2,812	1,662	120	
18	Iron dredge punt	2,310	677	75	In good working order, lately repaired.
20	Canal iron punt	2,812	1,021	120	
21	Iron dredge punt	2,310	1,558	75	
22	Do.	2,310	868	75	In good working order, lately repaired.
25	Canal iron punt	2,811	1,045	120	
27	Do.	2,811	1,118	120	
30	Do.	2,811	1,298	120	In good working order, lately repaired.
31	Do.	2,811	1,188	120	
34	Iron flat	4,693	1,681	130	
36	Canal iron punt	2,812	823	120	In working order.
37	Do.	2,812	1,262	120	
38	Do.	2,812	1,110	120	
39	Do.	2,812	721	120	Under repairs.
40	Iron deep boat	4,693	2,091	190	
44	Wooden deep boat	2,330	2,048	170	
47	Do.	2,000	2,448	170	In working order.
48	Do.	2,000	2,642	170	
49	Do.	2,000	2,644	170	
50	Do.	2,117	2,045	170	In good working order, lately repaired.
65	Iron light boat	1,000	676	70	
66	Do.	1,000	1,110	70	
67	Do.	1,000	750	70	In working order.
68	Do.	1,000	688	70	
					Sunk at bund near Kovoor. It is doubtful if ever this is recovered. Permission to write the boat off the return has been applied for.
69	Do.	1,000	713	70	Under repairs.
70	Do.	1,000	656	70	
71	Do.	1,433	689	70	
72	Do.	1,433	639	70	In good working order, lately repaired.
74	Do.	1,000	656	70	
75	Do.	1,000	624	70	
77	Wooden light boat	750	446	75	In working order.
81	Iron flat	7,375	1,649	140	
82	Wooden flat	2,722	1,778	150	
83	Do.	2,722	2,029	150	In good working order, lately repaired.
84	Do.	2,722	1,827	150	
85	Do.	2,722	1,826	150	
86	Do.	2,722	2,167	150	In working order.
87	Do.	2,722	1,563	150	
88	Do.	2,800	1,736	150	
89	Do.	2,800	2,239	150	Under repairs.
90	Do.	2,800	1,557	150	
91	Do.	2,800	2,325	150	
92	Do.	2,800	1,584	150	In good working order, lately repaired.
93	Do.	2,800	1,566	150	
94	Do.	2,405	1,968	130	
95	Do.	2,405	1,799	130	In working order.
99	Do.	2,405	1,927	130	
100	Iron double trap punt	4,185	1,043	110	
101	Do. do.	4,185	1,208	110	In good working order, lately repaired.
104	Do. do.	4,060	1,309	110	
105	Iron punt	6,960	2,709	140	
12	Second-class staff boat	820	..	150	In working order.
13	Do. do.	820	..	150	
14	First-class staff boat	1,400	..	230	
15	Second-class staff boat	800	..	150	In good working order, lately repaired.
16	First-class do.	1,250	..	230	
17	Second-class do.	850	..	150	
18	First-class do.	1,400	..	230	

Statement of the Irrigation Floating Plant in the Gódávári district, &c.—cont.

Part II.—Barges, Boats and Punts—cont.

Registered number.	Description of boats.	Value of plant.		Probable cost of upkeep in 1897-98.	Remarks.
		Original.	Present book value.		
Irrigation—cont.					
		RS.	RS.	RS.	
19	Second-class staff boat ..	850	..	150	} In working order.
20	First-class do. ..	1,400	..	230	
21	Second-class do. ..	840	..	150	
22	First-class do. ..	1,783	746	230	
23	Do. do. ..	1,780	1,188	230	
	Total ..	1,73,024	85,256	9,385	
A	Upper Gôdâvari barge ..	3,500	4,347	340	} In working order.
D	Do. do. ..	3,500	3,500	340	
E	Do. do. ..	3,500	4,083	340	
	Total ..	10,500	11,930	1,020	
2	Jolly boat	165	171	20	} In good working order, lately repaired.
3	Do.	340	289	16	
4	Do.	165	156	20	} In working order.
5	Do.	Unknown.	..	16	
6	Survey nava	300	171	35	} Under repairs.
7	Do.	300	182	35	
8	Jolly boat of steam tug "John Mullins." ..	Unknown.	..	60	} In working order.
	Total ..	1,270	919	202	
	Grand Total ..	1,84,794	98,105	10,607	

Rules for finding present book value.

- (1) Boats and barges to be reduced 10 per cent. every year, and the amount of special repairs, if any, must be added thereto.
 (2) Staff boats to be reduced by one-twelfth of their original cost for each year of their life.

DETAILED approximate estimate of the annual maintenance of the Irrigation Floating Plant, Gódávári district.

Particulars.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
Docking and launching	..	50	50	50	50	50	25	12	10	10	10	15	10	10	30	15	5	12	15	12	25	..	..	5
Painting	..	500	500	195	500	120	150	31	20	20	20	110	110	65	63	45	30	30	..	35	..	..	..	..
Caulking	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Varnishing	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Tarring	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Ropes, &c.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Lascars	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Small stores	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
General charges	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Sundry repairs	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total	..	860	910	430	920	460	340	120	75	75	70	150	230	150	190	140	60	110	130	130	170	20	16	35
Steamer "Shamrock."	..	50	500	70	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Steamer "Victoria."	..	..	50	500	44	20	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Steam launch "Arthur Cotton."	..	..	..	50	195	18	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Steam tug "John Mullins."	..	..	..	..	50	80	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Canal dredges.	..	..	..	..	..	50	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Barges.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Canal punts.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Dredge punts 30 feet long.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wooden light boats.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Iron light boats.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wooden flats 74 feet long.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Staff boats, first-class.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Staff boats, second-class.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Iron deep boats.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Iron flats Nos. 1 and 81 and iron punt No. 103.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jolly boat No. 8.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Double trap punts.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wooden flats 60 feet 3 inches long.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Iron flat 60½ feet long.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Wooden deep boats.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jolly boats Nos. 2 and 4.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Jolly boats Nos. 3 and 5.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Survey nava.	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..

(Signed) A. G. ROMILLY,
Ex. Engr., Gódávári Eastern Division.(Signed) R. S. PATERSON,
Assistant Engineer.(Signed) W. JONES,
Boat Superintendent.

5th August 1896.

No. 861 I. D. 23 October 1896.
PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

*How much
Goddavari
floats up
1st Encl. w. 1159 4.0.96
9.9.96*

The estimate of
the cost of upkeep
of the floating plant
of the Godavari
Delta system is
approved; Rs 17,407
will be provided on
this account in the
budget estimates
for "Major Works" for
1897-98.

*Amudis
22/9
96*

*12/12
96*

*BR
20/10/96*

*To the Chief Engr for I. & D. 11/11/96
Supply 1st Encl
S. S. W.
10/11/96*

No. 861 I., 23RD OCTOBER 1896.

ABSTRACT showing the comparison of details between the estimated maintenance cost of Floating Plant in Godavari district for 1896-97 and 1897-98.

	Number.		Original value.		Book value.		Cost of upkeep.	
	1897-98.	1896-97.	1897-98.	1896-97.	1897-98.	1896-97.	1897-98.	1896-97.
Steamers	4	4	Rs. 1,11,559	Rs. 1,11,559	Rs. 42,203	Rs. 45,753	Rs. 3,120	Rs. 3,120
Dredgers	9	9	2,10,314	2,10,314	34,090	39,602	3,680	4,140
Barges A, D and E from Upper Godavari Works	3	3	10,500	10,500	11,930	13,253	1,020	1,020
Iron flats Nos. 1, 34 and 81	3	3	18,311	18,311	4,845	5,382	410	410
Iron punts Nos. 3, 5, 7, 10, 11, 15, 17, 20, 25, 27, 30, 31, 36, 37, 38, 39 and 105	17	17	51,947	51,947	21,187	23,306	2,060	2,060
Iron dredge punts Nos. 13, 18, 21 and 22	4	4	9,240	9,240	4,276	3,154	300	300
Iron double trap punts Nos. 100, 101 and 104	3	3	12,430	12,430	3,560	3,954	330	330
Iron deep boat No. 40	1	1	4,693	4,693	2,091	2,323	190	190
Iron light boat Nos. 65 to 72, 74 and 75	10	10	10,866	10,866	7,201	7,597	700	700
Wooded deep boats Nos. 44, 47 to 50	5	5	10,447	10,447	11,827	11,991	850	850
Wooden light boat No. 77	1	1	750	750	446	495	75	75
Wooded flats Nos. 82 to 95 and 99	15	15	40,347	40,347	27,889	29,992	2,190	2,190
Staff boats, first-class, Nos. 14, 16, 18, 20, 22 and 23	6	6	9,013	9,013	1,934	2,230	1,380	1,380
Staff boats, second-class, Nos. 12, 13, 15, 17, 19 and 21	6	6	4,980	4,980	..	..	900	900
Jolly boats and Survey navas Nos. 2 to 8	7	7	1,270	1,270	919	902	202	202
Total	94	94	5,06,667	5,06,667	1,74,398	1,99,234	17,407	17,867

DOWLAISHWERAM,
29th August 1896.

(Signed) A. G. ROMILLY,
Ex. Engr., Godavari Eastern Division.

ORDER—No. 861 I., dated 23rd October 1896.

The estimate of the cost of upkeep of the floating plant of the Godavari delta system is approved; Rs. 17,407 will be provided on this account in the budget estimates for "Major Works" for 1897-98.

(True Extract.)

Under Secretary to Government,
Irrigation Branch.

To the Chief Engineer for Irrigation.
,, Superintending Engineer, I Circle.
,, Examiner, Public Works Accounts.

Exd. T. K. Narayana Aiyangar.

No. 1159 G.D.

10

FROM

J. C. Lammie Esqr M.I.C.E.
SUPERINTENDING ENGINEER,

FIRST CIRCLE.

Enclosures. 3. TO

THE CHIEF ENGINEER

FOR IRRIGATION.

WALTAIR,

Suradu 9 Sep. 1896.

SIR,

I have the honour to submit herewith
the annual Statements Parts I and II
together with the abstract for the Irrigation
and Navigation floating plant for the
ensuing financial year 1897-98.

2. The probable cost of maintenance
of floating plant for 1897-98 is estimated
at Rs 17407 exclusive of the cost of upkeep
of ferry bhalas on different canals.
The required funds will be applied for in
the Budget.

I have the honor to be,
Sir,
Your Most Obedt St.

J. C. Lammie
Superintendent

CP
7.9

FROM *J. C. Larmine Esq*
SUPERINTENDING ENGINEER,
FIRST CIRCLE.

TO
THE CHIEF ENGINEER

CHIEF ENGINEER
FOR IRRIGATION.
10 SEP 96
18150
FOR IRRIGATION.

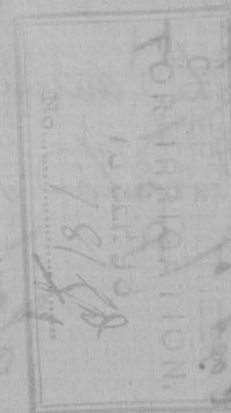
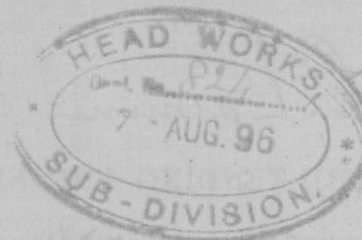
DATED 9
DESPATCHED 12
RECEIVED } September 1896.

No. 1159 G.D.

ENCLOSURES. 3.

SUBJECT.

Floating plant for 1897-98-
Submits the annual statements
for the Irrigation & Navigation.



Return No 27.
Statement of the Irrigation floating plant in the Godavari District
Showing the estimated cost of upkeep during the year 1897-98
Part I Steamers and Steam Dredgers.



No	Description	Details of plant	Value of plant		Probable cost of upkeep 1897-98	Remarks
1			Original Value	Present book Value		
			4	5	6	7
			R ₂	R ₂	R ₂	
			20,014	6111	860	Under repairs
			9,535	5228	430	
			50,956	15054	910	
			31,054	15210	920	In working order
		Total	111,559	42,203	3,120	
1		Leanal iron dredger, double bucket-ladder side delivery	26,373	1705		Being converted into Do for A.O. No 974 therefore probable cost is not given.
2		Leanal iron dredger, single bucket-ladder side delivery	15,395	1117	460	
3		Leanal iron dredger, simple bucket-ladder, side delivery	30,437	3982	460	
4		Do Do	30,437	4434	460	
5		Do Do	30,437	2793	460	
6		Do Do	31,097	3963	460	In working order
7		Prior's men's size B	16,580	3371	460	
8		Do Do A.1	13,438	4310	460	
9		Do Do A.2	16,120	8415	460	
		Total	210314	34090	3680	
		Grand Total			6800	

Being converted into a flat-
top A.O. No 9741 of 15 1/2 tons weight
therefore probable cost of upkeep etc.
is not given.

In working order

Rules for finding present book Value.

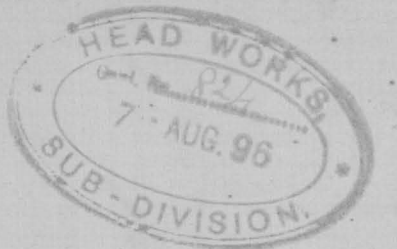
- (1) Steamers to be reduced 10 per cent every year, and the amount of special repairs, if any, must be added thereto.
- (2) Steam dredgers to be reduced 15 per cent every year, and the amount of special repairs, if any, must be added thereto.

W. A. L. M.

5th August 1896

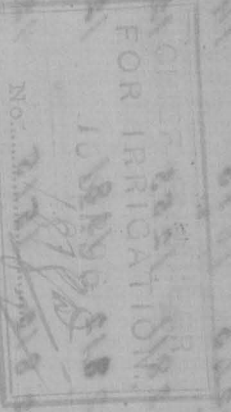
W. A. L. M.
Bent Superintendent.

McKinney & Co. Executive Engineer
Godavari District



Head and sub-head of ad. 1000

1000	1000
3980	3980
1000	1000
1000	1000



Return No 24.
Statement of the Expenditure of the Sanitation Board in the Godavari District showing the estimated cost of up-keep during the year 1897-98.
Part II. Barges, Boats and Punt.

Registered No	Description of Boats	Value of Boat Probable		Remarks
		Original	Cost of up-keep	
		No.	No.	No.
	C.O.	107460	54798	4895
85	Wooden flat	2722	1826	150
86	do	2722	2167	150
87	do	2722	1563	150
88	do	2800	1436	150
89	do	2800	2239	150
90	do	2800	1554	150
91	do	2800	2325	150
92	do	2800	1584	150
93	do	2800	1566	150
94	do	2405	1966	130
95	do	2405	1799	130
99	do	2405	1927	130
100	Iron down the trap punt	4185	1043	110
101	do	4185	1208	110
104	do	4060	1309	110
105	Iron punt	6960	2409	140
12	Second class staff boat	820		100
13	do	820		150

14	First class staff boat	1400		230
15	Second class do	800		150
16	First class do	1250		230
17	Second class do	850		150
18	First class do	1400		230
19	Second class do	850		150
20	First class do	1400		230
21	Second class do	840		150
22	First class do	1483	746	230
23	do do	1480	1188	230
	Total	173024	85256	9385
A	Upper Godavari barge	3500	4347	340
D	do	3500	3500	340
E	do	3500	4083	340
	Total	10500	11930	1020
	Carried over	183524	97186	10405

Return 1894.

Statement of the Immigration Floating Plant in the Godavari District showing the estimated cost of up-keep during the year 1897-98.

Part II. Barges, Boats and Ponto.

Registered No.	Description of Boats	Value of plant Probable		Remarks.
		Present.	Est. of up-keep	
		Original	value in 1897-98	

2	Brought over	18324	97186	10405	
3	Jolly boat	165	171	20	See good working order, lately repaired
4	do	340	289	16	
5	do	165	156	20	See working order.
6	do			16	
7	Survey Maza	300	171	35	Under repairs.
8	do	300	132	35	
9	Jolly boat of steam engine Laghu Mullas			60	See working order.
	Total	1270	919	202	
	Grand Total	18494	9805	10607	

(1) Boats and barges to be reduced 10 per cent every year, and the amount of special repairs, if any, must be added thereto.

(2) Staff boats to be reduced by one-twelfth of their original cost for each year of their life.

W. A. L. M.

5th August 1896.

W. A. L. M.

Boat Supd. R.

Dr. Chinnayy

W. A. L. M.

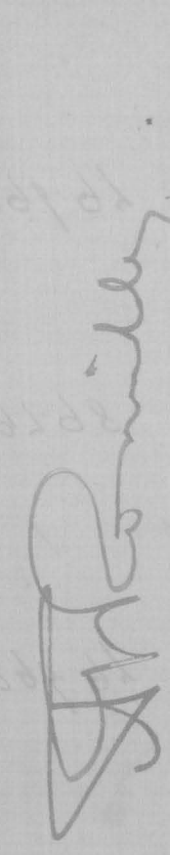
Executive Engineer

Godavari Eastern D.

28/8

Abstract Showing the Comparison of details between the Estimated maintenance Cost of Floating Plant in Godavari District for 1896-97 & 97-98.

Number	Original Value	Book Value	Cost of upkeep.
86.7681	1897.98	16.9681	86.7681
16.9681	1896.97	16.9681	16.9681
4	111559	42203	3120
9	210314	34090	3680
3	10500	11930	1020
3	18311	4845	410
17	51947	21187	2060
4	9240	4276	300
3	12430	3560	330
1	4693	2091	190
10	10866	7201	700
5	10447	11827	850
1	750	446	75
15	40347	27889	2190
6	9013	1934	1380
6	4980	"	900
7	1270	919	202
94	508667	190234	17407


 J. D. Lawrence
 Executive Engineer.
 Godavari, Eastern, Dec 1896

D. D. Lawrence
 27 August 1896

Public Works (1896) Department.

Receipt 8738
CURRENT No. 18168

Order

From The Supg Engineer
Trist-Circle

No. 1159 88

Dated 9. 5. 96

Received 30. 9. 96

Enclosures 3.

Spare copies

SUBJECT.

Floating plant for
1897-98 - Submits
annual statements for
the Immigration & Navigation

BACK PAPERS.

FURTHER PAPERS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Irrigation.
Account.

READ—the following paper:—

From A. H. GARRETT, Esq., Superintending Engineer, I Circle, to the Chief Engineer for Irrigation, No. 1253 G.D., dated Dowlaishweram, 4th September 1895.

I have the honour to submit, herewith, the annual statements, parts I and II, together with the abstract for the irrigation and navigation floating plant for the ensuing official year 1896-97.

2. The probable cost of maintenance of floating plant for 1896-97 is estimated at Rs. 17,867, exclusive of the cost of upkeep of ferry ballacuts on different canals. The required funds will be applied for in the budget.

ENCLOSURES.

STATEMENT of the irrigation floating plant in the Gódvári district showing the estimated cost of upkeep during the year 1896-97.

Part I.—Steamers and steam dredgers.

Registered number.	Details of plant.		Value of plant.		Probable cost of upkeep in 1896-97.	Remarks.
	Description.	Names of steamers, &c.	Original.	Present book value.		
1	2	3	4	5	6	7
		<i>Irrigation.</i>	RS.	RS.	RS.	
	Steamer	"Shamrock"	20,014	6,790	860	} In working order.
		"Arthur Cotton"	9,535	6,072	430	
		"Victoria"	50,956	16,415	910	
	Steam-tug	"John Mullins"	31,054	16,476	920	
		Total	..	..	3,120	
1		Canal iron dredger, double bucket ladder, side delivery.	26,373	2,005	460	} Boiler condemned.
2		Canal iron dredger, single bucket ladder, end delivery.	15,395	1,314	460	
3		Canal iron dredger, single bucket ladder, side delivery.	30,437	4,565	460	} In working order.
4	Dredger	Do. do. ..	30,437	4,836	460	
5		Do. do. ..	30,437	3,285	460	} In good working order, lately repaired.
6		Do. do. ..	31,097	4,662	460	
		Priestman's size B ..	16,580	3,965	460	} In working order.
		Do. A 1 ..	13,438	5,070	460	
		Do. A 2 ..	16,120	9,900	460	
		Total	..	..	4,140	
		Grand Total	..	..	7,260	

Rules for finding present book value.

- (1) Steamers to be reduced 10 per cent. every year, and the amount of special repairs, if any, must be added thereto.
(2) Steam dredgers to be reduced 15 per cent. every year, and the amount of special repairs, if any, must be added thereto.

6th August 1895.

(Signed) W. JONES,
Boat Superintendent.
(Signed) A. G. ROMILLY,
Ex. Engineer, Head Works Sub-Divn.
(Signed) C. J. USSHER,
Ex. Engineer, Gódvári Eastern Divn.