M.R.O. 1—77,006—8-6-37.

(1) Number of pages_____

(2) Date of repair_____

(3) Initials of the Referencer_____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 3324 Press / Misc.

428-429

Dated 18-10- 1866.

Not to be folded or roughly handled

No. 428. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Department Public Works, dated Madras, 2nd October 1866, No. 71 :—

1. I have the honor to submit the following report on the progress made in the works of the Madras Irrigation and Canal Company, during the quarter ended the 31st July 1866.

2. I have not as yet received explanations of the excess expenditure shown against many of the works included in the Progress Reports ; but the Agent has, during the quarter under notice, effected very large adjustments, by the transfer of expenditure from items to which it had been incorrectly debited, to those to which it properly belonged. In the second and third sections the amount thus transferred is Rupees 3,84,961-11-6, and in the fourth and fifth Rupees 65,483-14-0.

3. The report has thus become a very much more useful document than it has hitherto been. There are still some additional corrections to be made, and these I have pointed out to the Agent, but they need not be noticed in this report.

4. In showing in subsequent paragraphs the work done, I have not been able to separate the second and third and fourth and fifth sections, because only the report for July, and not that for the previous two months, exhibits the work and expenditure separately. The Progress Reports for future quarters will give the necessary particulars for each section by itself.

5. The expenditure on the Soonkasala anicut and head works was Rupees 2,233-8-2, consisting of Rupees 2,030-11-6 for masonry, Rupees 147-14-6 for special superintendence and sundries, Rupees 44-15-7 for stores, and Rupees 9-14-7 for proportion of store charges.

6. The expenditure on the Hindry aqueduct was Rupees 3,214-11-8, the items being—

				Rs.	A.	P.
Rubble stone in chunam, cubic yards	203	...	...	558	9	8
Cut stone work	do. 1	...	...	19	4	0
Plastering, square yards	296	...	...	1,184	0	0
Concrete flooring, do.	483	...	...	1,365	15	6
Special superintendence and sundries		...	...	72	6	9
Stores...		...	...	11	15	0
Proportion of store charges... ...		...	...	2	8	9

7. Rupees 5,262-10-2 were expended on the first section, 1 to 17¼ miles of the main canal, the work done being—

			Rs.	A.	P.
Earth, gravel excavation and embankment, cubic yards	525		54	11	0
Rocky excavation...	do.	263	393	12	0
Revetting interior banks with rough stone	do.	3,337	2,464	10	2
Culvert			934	8	0
Temporary bridge			959	5	11
Iron ferry			30	0	0
Special superintendence and sundries			406	2	8
Stores			16	1	0
Proportion of store charges			3	7	5

8. The second and third sections, from the 18th to the 43rd miles, show an outlay of Rupees 42,931-2-1, the items being—

				Rs.	A.	P.
Excavation and embankment, cubic yards	23,656	...		11,543	15	10
Rocky excavation and cutting, do.	35,246	...		23,759	0	6
Revetment square yards	1,235	...		980	5	0
Rubble masonry wall, cubic yards	795	...		773	11	6
Dry rubble wall		...		507	8	0
Masonry revetment		...		201	13	0
Aqueduct at Kadrabagh		...		492	9	0
Bridges		...		1,634	8	6
Culverts		...		174	12	0
Discharging sluice in the tank bund at the 40th mile		...		70	0	0
Sultanpoor tunnel...		...		243	4	0
Sluice		...		21	0	0
Special superintendence and sundries		...		1,454	5	3
Stores		...		882	11	4
Proportion of store charges		...		191	10	2

9. On the fourth and fifth sections of the main canal, from the 44th to 72nd miles, there was an expenditure of Rupees 25,362-10-5, the details being—

				Rs.	A.	P.
Excavation and embankment, cubic yards	42,978	...		15,321	4	11
Revetment and pitching do.	2,574	...		4,414	3	10
Aqueduct in the 63rd mile		...		161	4	0
Culverts		...		3,598	0	2
Catch-water drain...		...		4	6	0
Plant and contingencies		...		567	9	1
Stores		...		1,066	11	7
Proportion of store charges		...		229	2	10

10. On the sixth section, or miles 73rd to 91st of the canal, Rupees 573-8-5 were expended on—

			Rs.	A.	P.
Excavation and embankment, cubic yards 510...	...		158	11	0
Special superintendence and sundries	...		414	13	5

11. The outlay on the 7th section, miles 92nd to 114th, amounts to Rupees 766-1-1, being for—

				Rs.	A.	P.
Excavation and embankment, cubic yards	685...	...		279	10	9
Culverts		...		47	6	6
Calingulah		...		11	14	0
Special superintendence and sundries		...		367	6	9
Stores		...		48	15	2
Proportion of store charges		...		10	11	11

12. The outlay on the 8th section, miles 115th to 143rd, was Rupees 68, the item being for special superintendence and sundries.

Proceedings of the Madras Government, Public Works Department,
18th October 1866.

13. The expenditure on the Somaiswaram anicut and head works was Rupees 102-1-11, consisting of Rupees 83-10-9 for stores, and Rupees 18-7-2 for proportion of store charges.

14. The expenditure on works of distribution was Rupees 224-12-11, of which Rupees 9-6-5 were expended on the branch channel and sluices in the first section, and Rupees 215-6-6 on the branch channel and sluices in the fourth section, or Nagatoor Division.

15. The expenditure on buildings was Rupees 716-4-9, consisting of the following items :—

	Rs.	A.	P.
Workshop building at Bowanassy	131	2	11
Office Store and Workshop at Kurnool...	585	1	10

16. The following abstract shows the expenditure on all works from the commencement to the close of the quarter, compared with the sanctioned estimates.

Work.	Amount of estimate.	Expenditure up to 30th April 1866.	Cost in the Quarter ending 31st July 1866.	Total expenditure.	Add amount transferred to this from other works.	Deduct refunds to this from other works.	Total net expenditure.	Amount. Available.	Amount. In excess of estimate.
Main Supply.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Anicut and head works at Kurnool	3,03,080	60,237	.....	60,237	90	.....	60,327	2,42,753	.....
Do. do. at Soonkasala ...	4,10,292	3,82,283	2,233	3,84,516	1,800	.....	3,86,316	23,976	.....
Do. do. at Somaiswaram ...	1,62,470	56,963	102	57,065	1,838	.....	58,903	1,03,567	.....
Do. do. river Hindry	2,46,030	2,59,943	3,215	2,63,158	2,083	.....	2,65,241	.....	19,211
Aqueduct across the river the head sluice of the Canal for 1 mile from Kurnool Anicut.	65,000	49,211	.....	49,211	74	.....	49,285	15,715	.....
South Main Canal, 1st Section, 17¼ miles ...	8,56,777	8,55,271	5,263	8,60,534	9,579	.....	8,70,113	.....	13,336
Do. 2nd and 3rd do. 18th to 43rd miles...	19,60,655	21,08,163	42,931	21,51,094	17,035	.....	21,68,129	.....	2,07,474
Do. 4th and 5th do. 44th to 72nd do. ...	16,93,082	11,80,187	25,363	12,05,550	15,590	2,094	12,19,046	4,74,036	.....
Do. 6th do. 73rd to 91st do. ...	3,84,434	3,11,843	574	3,12,417	5,036	.....	3,17,453	66,981	.....
Do. 7th do. 92nd to 114th do. ...	2,35,850	2,06,010	766	2,06,776	3,332	.....	2,10,108	25,742	.....
Do. 8th do. 115th to 143rd do. ...	7,36,830	2,52,501	68	2,52,569	8,939	.....	2,61,508	4,75,322	.....
	70,54,500	57,22,612	80,515	58,03,127	65,396	2,094	58,66,429	14,28,092	2,40,021
Distribution.									
Branch channel and sluices between the 1st 17¼ miles of 1st Section.	5,305	3,858	9	3,867	.....	.....	3,867	1,438	.....
Irrigation channels and sluices for irrigating about 30,000 acres between the rivers Bowanassy and Kistna.	10,218	1,065	215	1,280	1,749	.....	3,029	7,189	.....
Distribution works at 6th Section in the Bowanassy Division.	10,000	1,001	.....	1,001	214	20	1,195	8,805	.....
Do. at Soonkasala	.....	584	.....	584	.....	25	559	.....	559
Kurnool Town water supply	215	1,382	.....	1,382	.....	.....	1,382	.....	1,167
	25,738	7,890	224	8,114	1,963	45	10,032	17,432	1,726
Buildings.									
Central Hospital with-out-houses and compound ewall at Kurnool.	4,188	4,388	.....	4,388	.....	.....	4,388	.....	200
Repairs to do.	68	60	.....	60	.....	.....	60	8	.....
Office, Store house, and Workshop at Soonkasala.	4,000	6,946	.....	5,946	.....	.....	5,946	.....	1,946
Powder Magazine, Store, and Station roads at Bowanassy.	4,359	4,359	.....	4,359	.....	.....	4,359	.....	.....
Office and Store-room and Artificers' shed at Bowanassy.	7,298	7,334	.....	7,334	.....	.....	7,334	.....	36
Repairing the above buildings at Bowanassy ...	168	.....	.....	.....	.....	.....	.....	168	.....
Improvement of the road approaching to the above buildings and reparing two culverts at Bowanassy.	578	298	.....	298	20	.....	318	260	.....
Converting the unfinished building intended for a Gun Powder Manufactory into a Hospital at Bowanassy.	427	19	.....	19	.....	.....	19	408	.....
Workshop building at Bowanassy	5,200	6,225	131	6,356	.....	.....	6,356	.....	1,156
Office and Store buildings at Valapanoor in the Bowanassy Division.	1,970	5,114	.....	5,114	.....	.....	5,114	.....	3,144
Do. do. at Jupad in the Nagatore Division	4,123	3,224	.....	3,224	.....	.....	3,224	899	.....
Do. do. at Puggydial do. do. ...	3,977	3,833	.....	3,833	.....	.....	3,833	144	.....
Do. do. at Chintagoontah in Kundar ...	5,283	5,102	.....	5,102	.....	.....	5,102	181	.....
Office and temporary store shed at Ayalur in Kundar.	642	67	.....	67	.....	.....	67	575	.....
Quarters for Sub-Assistant Engineers and Assistant Surveyors at Kundar.	1,236	561	.....	561	.....	.....	561	675	.....
Hospital and Apothecary's residence at Somaiswaram.	2,900	2,460	.....	2,460	.....	.....	2,460	440	.....
Office buildings at Somaiswaram	1,470	1,470	.....	1,470	.....	.....	1,470	.....	.....
Repairs to Anicut Office at Zorapoor ...	327	308	.....	308	.....	.....	308	19	.....
Overseers' quarters, Store, Workshop, Clerk and Pay Office at Somaiswaram.	4,841	4,841	.....	4,841	.....	.....	4,841	.....	.....
Iron and Brass Foundry at Kurnool	9,128	17,020	.....	17,020	.....	29	16,991	.....	6,104
Room for receiving and despatching stores ...	1,759								
Office, Store, and Workshop at Kurnool ...	30,612	1,654	585	2,239	29	.....	2,268	28,344	.....
	94,554	74,283	716	74,999	49	29	75,019	32,121	12,586
	71,74,792	58,04,785	81,455	58,86,240	67,408	2,168	59,51,480	14,77,645	2,54,333

17. This Statement shows that the expenditure of the quarter was Rupees 81,455, and the net total outlay up to the end of the quarter Rupees 59,51,480.

18. The subjoined Statement shows the expenditure in excess of sanction at the end of the quarter to have been Rupees 2,54,333.

Works.	Excess expenditure up to 30th April 1866.	Excess expenditure during the Quarter 31st July 1866.	Total.	Add amount transferred to this from other works.	Deduct refunds.	Excess net expenditure up to 31st July 1866.
Main Supply.	RS.	RS.	RS.	RS.	RS.	RS.
Aqueduct across the river Hindry.	13,913	3,215	17,128	2,083	.....	19,211
South Main Canal, 1st Section.	.....	3,757	3,757	9,579	.....	13,336
Do. 2nd and 3rd Sections...	1,47,508	42,931	1,90,439	17,035	.....	2,07,474
	1,61,421	49,903	2,11,324	28,697	.....	2,40,021
Distribution.						
Distribution at Soonkasala.	584	.....	584	.....	25	559
Kurnool Town water supply	.....	1,167	1,167	.....	.....	1,167
	584	1,167	1,751	.....	25	1,726
Buildings.						
Central Hospital at Kurnool	200	.....	200	.....	.....	200
Office and Store buildings at Soonkasala.	1,916	.....	1,946	.....	.....	1,946
Do. do. at Valapanoor.	3,144	.....	3,144	.....	.....	3,144
Do. do. and Artificers' shed at Bowanassy.	36	.....	36	.....	.....	36
Workshop buildings at do	1,025	131	1,156	.....	.....	1,156
Iron and Brass Foundry, and room for receiving and despatching stores at Kurnool.	6,133	.....	6,133	.....	29	6,104
	12,484	131	12,615	.....	29	12,586
	1,74,489	51,201	2,25,690	28,697	54	2,54,333

The information* required to enable the supplemental estimate, intended to cover the excess expenditure on the Hindry aqueduct, has not yet been received.

* Proceedings Madras Government, No. 1,404, dated 3rd May 1866, Report paragraph 22.

The Chief Engineer stated, in a Report dated 21st June 1866, that he would not require any further sanction for the first section, main canal; but there is expenditure beyond the sanction, and there is still a considerable amount of work to be done to complete this portion of the canal.

Estimates exceeding those already sanctioned by Rupees 7,15,130, for the second and third sections, are in this Office. Their submission is delayed pending the receipt of information as to the amount of work already done.

Estimates covering the excess shown on distribution works were sanctioned in August, Proceedings Madras Government, No. 2,509, dated 9th August 1866. The excess on the Hospital at Kurnool has been covered by the sanction given in September 21st, Order No. 3,028. The excess on the second, third, fourth and fifth items under "Buildings" require supplemental sanction to be applied for. The last item will not show any expenditure in excess in future reports, the Order of Government No. 2,805, dated 4th September 1866, having authorized the necessary adjustments.

19. The following estimates were received from the Agent and submitted to Government during the quarter:—

	RS.
Supplemental estimate for completing the repair of the breach in the Soonkasala anicut	1,360
Repairing the station buildings at Donapad	173
Do. bungalow or station building at Ayalore...	56
Re-covering the roof of a shed at the Central Stores, Kurnool ...	140
Estimate for distribution works, 1st section	8,380
Do. do. 2nd do.	6,000
Do. do. 3rd do.	4,550

Of these the first four received the sanction of Government during the quarter, and the others have since been sanctioned.

20. The cost of the executive permanent Establishment for the quarter amounts to 14·80 per cent. on the expenditure for construction; that of the establishments engaged in Bellary and Nellore on investigations to 9·39 per cent., and that of General Management to 21·36 per cent. The total cost of the permanent Establishment for the quarter therefore is 45·55 per cent. No returns of temporary establishments, paid from estimates, have been received.

No. 429. ORDER THEREON, 18th October 1866, No. 3,324.

CIVIL WORKS, No. 82.

1. Ordered to be communicated to the Home Government.

2. The Government will await the receipt of the supplemental estimates for the works referred to in paragraph 18.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Consulting Engineer for Irrigation and Canal Company.
,, Manager for do. do.

Exd. S. T. Augustin.

Consulting Engineer's Office
Irrigation & Canal Company,
Madras, 2nd October 1866.

No. 71.

From,

Captain J. Mullins, R.E.
Consulting Engineer for I. & C. Co.

To,

The Secretary to Government
Department of Pub. Works.

Sir,

1. I have the honor to submit the following report on the progress made in the works of the Madras Irrigation and Canal Company, during the Quarter ended the 31st July 1866.

2. I have not as yet received explanations of the excess expenditure shewn against many of the works included in the Progress Reports, but the Agent has, during the quarter under notice, effected many large adjustments by the transfer of expenditure from items to which it had been incorrectly debited, to those to which it properly belonged. In the 2nd and 3rd Sections the amount thus transferred is Rupees 3,84,961-11-6 and in the 4th and 5th Rupees 65,483-14-0

3 The

3. The report has thus become a very much more useful document than it has hitherto been.- There are still some additional corrections to be made, and these I have pointed out to the Agent, but they need not be noticed in this report.-

4. In shewing in subsequent paragraphs the work done, I have not been able to separate the 2nd and 3rd and 4th and 5th Sections because only the report for July, and not that for the previous two months, exhibits the work and Expenditure separately.- The progress reports for future quarters will give the necessary particulars for each Section by itself.-

5. The expenditure on the Soonkasala Aqueduct and head works was Rupees 2,283-8-2, consisting of Rupees 2030-11-6 for masonry, Rupees 147-14-6 for special superintendence and sundries, Rupees 44-15-7 for Stores and Rupees 9-14-7 for proportion of Store charges.-

6. The expenditure on the Kindry Aqueduct was Rupees 3214-11-8, the items being,

Rubble stone in chunam	Cy.ds 203		558-9-8
Cut stone work			19-4-0
Plastering	Sq. yds 296		1184-0-0
Concrete flooring	483		1365-15-6
Special superintendence and sundries			72-6-9
Stores			11-15-0
Proportion of Store charges			2-8-9

Rupees

7. Rupees 5262-10-2 were expended on the 4th Section, 16 to 17½ miles of the Main Canal, the work done being,

Earth gravel Excavation & Embankment	Cy.ds 525		54-11-0
Rocky Excavation		263	393-12-0
Revetting interior banks with rough stone		3337	2464-10-2
Culvert			934-8-0
Temporary bridge			959-5-11
Iron ferry			30-0-0
Special superintendence & Sundries			406-2-8
Stores			16-1-0
Proportion of Store charges			3-7-5

8. The 2nd and 3rd Sections, from the 18th to the 43rd miles shew an outlay of Rupees 42931-2-1, the items being,

Excavation & Embankment	Cy.ds 23656		11543-15-10
Rocky Excavation & cutting		35216	23759-0-6
Revetment	Sq. yds 1235		750-5-0
Rubble masonry wall	Cy.ds 795		773-11-6
Dry rubble wall			507-8-0
Masonry revetment			201-13-0
Aqueduct at Kadrabagh			492-9-0
Bridges			1634-8-6
Culverts			174-12-0
Discharging sluice in the tank bund at the 40 miles			70-0-0
Sultanpore Tunnel			243-4-0
Sluice			21-0-0
Special superintendence & Sundries			1454-5-3
Stores			882-11-4
Proportion of Store charges			191-10-2

9. On the 4th and 5th Sections of the Main Canal from the 44th to 72nd miles there was an expenditure of Rupees 25362-10-5, the details being,

Excavation

Excavation & Embankment Cy^ds 42978 — 15321-4-11
Revetment and Pitching — 2574 — 4414-3-10
Aqueduct in the 63^rd mile — 161-4-
Culverts — 3598- 2
Catch water drains — 4-6-
Plant and Contingencies — 567-9-1
Stores — 1066-11-7
Proportion of Store charges — 229-2-10

10. On the 6^th Section, or miles 73^rd to 91^st of the Canal, Rupees 573-8-5 were expended on

Excavation & Embankment Cy^ds 510 — 158-11-
Special superintendence & Sundries — 414-13-5

11. The outlay on the 7^th Section miles 92^nd to 114^th amounts to Rupees 766-1-1 being for,

Excavation & Embankment Cy^ds 685 — 279-10-7
Culverts — 47-6-6
Calingulah — 11-14-
Special superintendence & Sundries — 367-6-9
Stores — 48-15-2
Proportion of Store charges — 10-11-11

12. The outlay on the 8^th Section, miles 115 to 143^rd, was Rupees 68-, the items being for Special superintendence and Sundries.—

13. The expenditure on the Somaiswaram Ancient and head works was Rupees 102-1-11, consisting of Rupees 83-10-9 for Stores, and Rupees 18-7-2 for proportion of Store charges.—

14. The expenditure on works of distribution was Rupees 224-12-11 of which Rupees 9-6-5 were expended on the branch channel and sluices in the 1^st Section, and Rupees 215-6-6 on the branch channel and sluices in the 4^th Section, or Nagatoor Division.—

15. The expenditure on buildings was Rupees 716-4-9, consisting of the following items.—

Workshop building at Bowanaddy — 131-2-11
Office store and workshop at Kurnool — 585-1-10

16. The following Abstract shews the expenditure on all works from the commencement to the close of the quarter, compared with the sanctioned Estimates.—

Works.	Amount of Estimate	Expenditure up to 30th April 1866.	Cost in the 2^nd quarter ending 31st July 1866.	Total Expenditure	Deduct amount of Stores transferred from other works	Deduct Interest &c.	Total net Expenditure.	Amount of Estimate available
Main Supply.								
Ancient Head works at Kurnool	303080	60237 -	60237	90 -	60327	242753 -		
Do Do at Soonkasala	410292	382283	2233	384516	1800 -	386316	23976 -	
Do Do at Somaiswaram	162470	56963	102	57065	1838 -	58903	103567 -	
Aqueduct across the river Hindry	246030	259943	3215	263158	2083 -	265241 -		19211
Canal for 1 mile from the head sluice of the Kurnool Ancient	65000	49211 -		49211	74 -	49285	15715 -	
South Main Canal 1^st Section 17¼ miles	856777	855271	5263	860534	9579 -	870113 -		13336
Do 2^nd 3^rd Do 18 to 43	2 Do	1960655	2108163	42931	2151094	17035 -	2168129 -		207474
Do 4^th 5^th Do 44 to 72	2	1693082	1180187	25363	1205550	15590	2094	1219046	474036 -
Do 6^th Do 73 to 91		382434	311843	574	312417	5036 -	317453	66981 -	
Do 7^th Do 92 to 114		235850	206010	766	206776	3332 -	210108	25742 -	
Do 8^th Do 115 to 143		736830	252501	68	252569	8939 -	261508	475322 -	
		7054500	5722612	80515	5803127	65396	2094	5866429	1428092	240021

Distribution									
Branch channel and sluices between the 1st 17½ miles of 1st Section	5305	3858	9	3867	"	"	3867	1438	
Irrigation channels and sluices for irrigating about 30000 acres between the River Bowanassy & Kistna	10218	1065	215	1280	1749	"	3029	7189	"
Distribution works at 6th Section in the Bowanassy Division	10000	1001	"	1001	214	20	1195	8805	"
Do at Soontasala		584	"	584	"	25	559	"	559
Kurnool Town water supply	215	1382	"	1382	"	"	1382	"	1167
	25738	7890	224	8114	1963	45	10032	17432	1726
Buildings									
Central hospital with out houses and compound wall at Kurnool	4188	4388	"	4388	"	"	4388	"	200
Repairs to Do Do	68	60	"	60	"	"	60	8	"
Office Store houses and Workshop at Soontasala	4000	5946	"	5946	"	"	5946	"	1946
Powder Magazine Store and Station Roads at Bowanassy	4359	4359	"	4359	"	"	4359	"	"
Office and Store room and Artificers shed at do	7298	7334	"	7334	"	"	7334	"	136
Repairing the above buildings at do	168	"	"	"	"	"	"	168	"
Improvement of the road approaching to the above buildings and repairing 2 culverts at Do	578	298	"	298	20	"	318	260	"
Converting the unfinished building intended for a Gun powder Manufactory into a hospital at do	427	19	"	19	"	"	19	408	"
Workshop building at Bowanassy	5300	6225	131	6356	"	"	6356	"	1156
Office and Store building at Valapanoor in the Bowanassy Do	1970	5114	"	5114	"	"	5114	"	3144
Do Do at Injad in the Nagatore Do	4123	3224	"	3224	"	"	3224	899	"
Do Do at Pingypad and Do Do	3977	3833	"	3833	"	"	3833	144	"
Do Do at Chintagoontah in Nundial	5283	5102	"	5102	"	"	5102	181	"
Office and temporary store sheds at Asalur in do	642	67	"	67	"	"	67	575	"
Quarters for Sub Assistant Engineers & Assistant Surveyors at do	1236	561	"	561	"	"	561	675	"
Hospital and Apothecary's residence at Somasamudram	2900	2460	"	2460	"	"	2460	440	"
Office buildings at Do	1470	1470	"	1470	"	"	1470	"	"
Repairs to Ancient Office at Thorapoor	327	308	"	308	"	"	308	19	"
Overseers quarters, Store, Workshop, Clerk and Pay Office at Somasamudram	4841	4841	"	4841	"	"	4841	"	"
Iron and Brass Foundry at Kurnool	9128	17020	"	17020	"	29	16991	"	6104
Room for receiving and despatching stores	1759								
Office, Store and Workshop at Kurnool	30612	1654	585	2239	29	"	2268	28344	"
	94554	74283	716	74999	49	29	75019	32121	12586
	7174792	5804785	81455	5886240	67408	2168	5951480	1477615	2527333

This

17. This Statement shews that the expenditure of the quarter was Rupees 81455 and the net total outlay up to the end of the quarter Rupees 5951480.—

18. The subjoined Statement shews the expenditure in excess of sanction at the end of the quarter to have been Rupees 254333.—

Works.	Excess expenditure up to 30th April 66.	Excess Expenditure during the 2 Qrs ending 30th July 66.	Total.	add amount transferred to this from other works.	Deduct Expenditure not charged.	Excess net Expenditure up to 31st July 66.
Main Supply.						
Aqueduct across the river Sundy	13913	3215	17128	2083	"	19211
South Main Canal—1st Section	"	3757	3757	9579	"	13336
—Do— 2nd & 3rd Do	147508	42931	190439	17035	"	207474
	161421	49903	211324	28697	"	240021
Distribution.						
Distribution at Soonkasala	584	"	584	"	25	559
Kurnool Town water supply	"	1167	1167	"	"	1167
	584	1167	1751	"	25	1726
Buildings.						
Central hospital at Kurnool	200	"	200	"	"	200
Office and Store buildings at Soonkasala	1946	"	1946	"	"	1946
—Do— —Do— at Valapanoor	3144	"	3144	"	"	3144
—Do— —Do— Artificers shed at Bowanassy	36	"	36	"	"	36
Workshop buildings at —Do—	1025	131	1156	"	"	1156
Iron and Brass Foundry and room for receiving and despatching stores at Kurnool	6133	"	6133	"	29	6104
	12484	131	12615	"	29	12586
	174489	51201	225690	28697	Rs.	252333

The

× P.W.S. No. 1404 dated 3rd May 66—Report para. 22.

The information required to enable the supplemental estimate, intended to cover the excess expenditure on the Sundy Aqueduct, has not yet been received.—

The Chief Engineer stated in a Report dated 21st June 1866 that he would not require any further sanction for the 1st Section Main Canal, but there is expenditure beyond the sanction, and there is still a considerable amount of work to be done to complete this portion of the Canal.—

Estimates exceeding those already sanctioned by Rupees 715130, for the 2nd and 3rd Sections are in this office.— Their submission is delayed pending the receipt of information as to the amount of work already done.—

Estimates covering the excess shewn on Distribution works were sanctioned in August, Proceedings Madras Government No. 2509 dated 9th August 1866.— The excess on the Hospital at Kurnool has been covered by the sanction given September 21st order No. 3028.— The excess on the 2nd 3rd 4th and 5th items under "buildings" require supplemental sanction to be applied for.— The last item will not shew any expenditure in excess in future reports the order of Government No. 2805 dated

4th

4th September 1866 having authorized the necessary adjustments.—

The following Estimates were received from the Agent and submitted to Government during the quarter.—

Supplemental Estimate for completing the repair of the breach in the Sonkasala Anicut		1360--
Repairing the Station buildings at Konapad		173--
Do Bungalow or Station building at Ajalur		56--
Re-covering the roof of a shed at the Central Stores Kurnool		140--
Estimate for distribution works—1st Section		8380--
Do Do 2nd Do		6000--
Do Do 3rd Do		4550--

Of these the first 4 received the sanction of Government during the quarter, and the others have since been sanctioned.—

The cost of the Executive permanent Establishment for the quarter amounts to 14.80 per cent on the Expenditure for Construction; that of the Establishments engaged in Bellary and Nellore on investigations to 9.39 per cent, and that of General Management to 21.36 per cent.— The total cost of the Permanent Establishment for the quarter therefore is 45.55 per cent.— No returns of temporary establishments, paid from Estimates

have

have been received.—

I have the honor to be,
Sir,
Your most obedient servant,
H. Lambert Lieut Captain, R.E.
Cons. Engr for Irrd & C. Comptr.

Wd. Mc. Brock Lt.

Copy pin a Letter to England
No 22 Dated Nov 1866

No 4102

From

The Chief Engr for P.W.D.

To

The Secretary to Govt. P.W.D.

Dated 2nd
Rec'd 5th } October 1866.

No 3321 - 18th Octr 1866.

Submits his Report on the progress made in the works of the Madras Irrigation and Canal Company during the Quarter ended 31st July 1866.

Wm Ayles

No 3324

1. Ordered to be communicated to the Home Govt.

2. The Govt will await the receipt of the supplemental estimates for the works referred to in para 18.

Fort St George
18th Octr 1866

To Chief Engr
To Treasurer

Dept of Public Works

No 428. 429.
18th Octr 1866