M.R.O. 1—77,006—6-6-37.

(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. 495 Press ~~Mis.~~

380-381

Dated 19—2— 1864.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 19th February 1864.

No. 380. Read the following letter from Lieutenant-Colonel O. W. S. CHAMBERS, R. E., Superintending Engineer, 1st Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Waltair, 19th January 1864 No. 316.:—

SIR,

1. In forwarding herewith Statements as per margin* for new works and repairs. I have the honor to bring to your notice that the G. O. No. 3,681 of 14th ultimo, calling for these documents, was not received in this Office until the 9th instant, and that consequently there has not been time allowed me for obtaining from the Range Officers the full information necessary to prepare these returns, I should desire to prepare them.

* I and III Statements for new works. IV for repairs.

ENCLOSURES.—3 Statements.

It was sent by Bangby.—O. C.

2. In the Ganjam District a sum of Rupees 6,000 from the Imperial Fund allotment of Rupees 16,900 for the Calingia Ghât Road, and 2,230 Rupees from the Income Tax grant of 10,000 Rupees for the Jagganadhapore road will remain unspent, and I purpose appropriating this available sum, viz., 8,230 Rupees, to the road from Ganjam to Aska; the importance of which line has already been brought to the notice of Government.

Local Fund Budget Item.

See my letter No. 1,517 of 20th October 1863.

3. None of the funds allotted for the Vizagapatam District will be available for transfer to works in other Districts, but I request the sanction of Government to the re-distribution of funds made by me as entered in the enclosed Statements.

4. From the allotment of the Godavery District a sum of Rupees 43,435 cannot be spent on works to which it was appropriated, and I beg to suggest that Rupees 16,435 be allotted for works entered in the Statement No. III, as it is highly desirable that these works should be completed in the current official year. This arrangement will still leave an available balance of Rupees 27,000.

	Rs.
Clearing out silt, &c., &c.,	8,080
Do. do.	4,300
	12,380

5. I therefore do myself the honor of requesting that a sum of Rupees 12,380 may be transferred to the two repair works marginally noted, as the same are of an emergent nature.

6. Should this course be sanctioned, there will be a balance of 14,620 Rupees available for expenditure in other Districts.

7. In conclusion, I beg to say that the funds allotted for repairs in the three Districts of the Division will probably be all spent.

No. 381. ORDER THEREON, 19th February 1864, No. 495.

1. In pursuance of the Orders of Government No. 3,681, dated 14th December 1863, the Superintending Engineer, 1st Division, with his letters above recorded, submits four Statements showing the new works and repairs, the allotments for which are not likely to be expended by the 30th April next, and those for which funds are now required.

	Imperial Funds. Rs.	Income Tax Funds. Rs.
Road from Mojagodah near Russelcondah, via Doorgapersad Ghat, en route to Calingia and Sunkerkole	6,000	
Road from Nowpada Salt Pans to Juggannathpoor		2,230

2. From Statement No. 1 (Ganjam District) the Government observes that Rupees 8,230 are proposed to be diverted from the two works marginally noted to the road from the Northern Trunk Road No. 6 at Ganjam to Aska, via Poorshatapore. The estimated cost of this work is given as Rupees 43,700, but the date of sanction is not quoted.

3. On reference to previous correspondence, it is observed that in October last, Colonel Chambers submitted an Estimate amounting to Rupees 67,110 for a road leading from Aska to Russelcondah, and for a branch of the same road leading from Bulleepoodra to Kurcholy, and applied for an allotment of Rupees 15,000 in the Budget for 1864-65.

4. In sanctioning this Estimate for entry in the Budget for the ensuing year, the Government observed that it was of moment, on political no less than on revenue considerations, that the communication referred to in the preceding paragraph, as well as the line between Aska and the coast at Ganjam should be undertaken. The Superintending Engineer was accordingly requested in G. O. No. 3,396, dated 20th November 1863, to prepare and submit the necessary Plans and Estimates for this latter line.

5. On the 7th January last, Colonel Chambers submitted an Estimate for the work prepared in the year 1859, but as the Government was not satisfied with an Estimate of so old a date, it directed its careful examination and re-submission after the 1st May next.

6. It will thus be seen that the Estimate for the work for which funds are now applied for by the Superintending Engineer has not yet been sanctioned. The Government is therefore unable to grant the funds solicited, but it will not withhold its sanction to the execution, from the source mentioned in paragraph 2, of the works the Estimates for which although approved in Proceedings No. 3,396, dated 26th November last, are not provided for in the Budget for 1864-65.

Sub-Magistrate's Cutcherry at Palcondah	...Rupees	1,000
Koppaka Anicut	„	1,000
Road between Vizianagram and Cheparpilly	„	7,930
	Rupees	9,930

7. In the Vizagapatam District Rupees 9,930 are proposed to be diverted from the works marginally noted to those mentioned below:—

Sea Custom House at Vizagapatam, ...	... Rupees	1,000
New Salt Pans at Bimlipatam, ...	... „	1,000
Petta Ghát road through Jeypore, ...	... „	7,930
	Rupees	9,930

8. Provision to the full amount of the Estimate having been made for the first two works in the Budget for 1864-65, no allotment is required for them in the current year. The total sum (Rupees 2,000) proposed to be expended upon these works will accordingly be credited to the Reserve.

9. In sanctioning the amount applied for for the third work, the Superintending Engineer will be requested to submit the Estimate called for in paragraph 6 of G. O. No. 3,407, dated 21st November 1863. It is observed that the amount (Rupees 25,000) alloted in the Order just quoted for the works marginally noted is to be equally distributed over those works in accordance with the arrangement approved in G. O. No. 304, dated 28th January 1864.

Petta Ghat road through Jeypore.
Road from Vizianagram to Parvatipoor.

10. In the Godavery District the Superintending Engineer shows (Statement No. 1) that Rupees 33,435 will remain unexpended on the 30th April next from the allotments for the undermentioned works. This amount will be credited to the Reserve Fund.

Lock and Calingulah at Chinna Caparum in the Akeed Canal	... Rupees	3,435
Iron Girder Bridge at Cocanada...	... „	30,000
	Rupees...	33,435

11. In Statement No. 3, the Superintending Engineer requests sanction for an allotment of Rupees 16,435 for certain new works. Rupees 10,000 having however been already allotted* for the construction of Locks and Calingulahs in the Mundapetta Canal (one of the works entered in Statement No. 3) the amount now requiring sanction and hereby authorized to be met from the Reserve is Rupees 6,435. The particular attention of the Superintending Engineer

* G. O. No. 329, dated 1st February 1864.

will be drawn to Items Nos. 85 and 148 in the Budget for 1864-65, wherein provision is made for the two items marginally noted, and he will be requested to state whether it would not be desirable to transfer the sums set apart for these works to the Estimate for the iron lattice bridge at Cocanada, which has not been provided for in the Budget for the ensuing year.

	Rs.
Cocanada harbour. Light House, &c.	3,435
Locks and Calingulahs in the Mundapetta Canal	10,000

12. In regard to the application in Statement No. 4, for a grant of Rupees 12,380 on account of repairs in the Godavery District, Colonel Chambers must be aware that it is not* within the competence of this Government to allot funds for repairs either from the Reserve or from the allotments for new works.

* See G. O. No. 1,748, dated 3rd July 1863.

13. As there are only two months remaining of the current official year, the Superintending Engineer, 1st Division, will be requested to inform his Executive Officers that the Government will rely upon their best exertions to ensure the completion of work to the full extent of the allotments for the Ganjam, Vizagapatam and Godavery Districts.

(True Extract.)

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

To the Superintending Engineer, 1st Division.
„ Accountant General.
„ Controller and Auditor of Public Works Accounts.

Exd. S. T. Augustin.

I.

NEW WORKS.

Statement showing the sums allotted for Public Works in the 1st Division, which are not likely to be expended during the current year.

Districts.	Works.	Amount of Estimate.	Number and date of the Order sanctioning the Estimate.	Current year's allotment.		Expenditure up to 30th April 1863.	Expenditure up to 31st December 1863.		Probable expenditure up to 30th April 1864.		Amount not required.	
				Imperial.	Income Tax.		Imperial.	Income Tax.	Imperial.	Income Tax.	Imperial.	Income Tax.
1	2	3	4	5	6	7	8	9	10	11	12	13
		RS.		RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.
Ganjam.	Road from Mojagadah near Russulcondah viâ Doorgapersad Ghât enroute to Calingia and Sunkerkole.	49,700	G. O. No. 65 of 11th Jan. 1861.	16,900	.....	10,000	4,384	.....	*6,516	.....	6,000	.....
	Road from Nowpada Salt Pans to Jugganathpoor.	35,390	G. O. No. 490 of 19th March 1862.	Income Tax.	10,000	28,389	.....	7,722	.....	.....	.....	2,230
	Total...	.....	.....	.....	.....	.....	.....	.....	.....	.....	6,000	2,230
Vizagapatam.	Improving and enlarging the present Sub-Magistrate's Cutcherry at Palacondah.	2,500	No. 1,552, 15th June 1863, and No. 3,709 of 16th Dec. 1863.	2,500	.....	.....	129	.....	1,371	.....	1,000	.....
	Re-constructing a portion of the Koppaka Anicut.	2,050	No. 3,728 of 17th December 1863.	2,050	.....	.....	.....	.....	1,050	.....	1,000	.....
	Constructing 15¾ miles of road between Vizianagram and Chepurpilly.	20,430	No. 3,581, 4th December 1863.	20,430	.....	.....	.....	.....	12,500	.....	7,930	.....
	Total...	.....	.....	.....	.....	.....	.....	.....	.....	.....	9,930	.....

* This includes the following sums appropriated to other works sanctioned as below mentioned :—

For converting the late District Engineer's Office at Chaterpore, Rupees	250
Alterations to the Subsidiary Jail at Russulcondah "	553
Rupees	803

Districts.	Works.	Amount of Estimate.	Number and date of the Order sanctioning the Estimate.	Current year's allotment.		Expenditure up to 30th April 1863.	Expenditure up to 31st December 1863.		Probable expenditure up to 30th April 1864.		Amount not required.	
				Imperial.	Income Tax.		Imperial.	Income Tax.	Imperial.	Income Tax.	Imperial.	Income Tax.
1	2	3	4	5	6	7	8	9	10	11	12	13
		Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Godavery.	Constructing Táluq Cutcherry at Amalapore.	6,290	No. 2,140, 6th Sept. 1862.	2,000	.....	607	257	*	*	*	*	*
	Do. do. at Ramachendrapore...	6,220	Entered in 10 per cent. additional Budget.	6,220	.....	.....	.....	*	*	*	*	*
	Do. a Lock and Calingulah at Chinna Capararum in the Akeed Canal.	11,990	No. 1,248, 18th May 1863.	10,000	.....	.....	1,453	.....	5,112	.....	3,435	.....
	Iron girder Bridge at Cocanada.	75,000	Entered in 10 per cent. additional Budget.	54,000	.....	.....	.....	.....	24,000	.....	30,000	.....
	Total...	.....	.....	.....	.....	.....	.....	.....	.....	.....	33,435	.....

* These columns cannot be filled up as it is not known when the revised Plans, &c., will be sanctioned.

Waltair,
19th January 1864.

(Signed) O. W. S. CHAMBERS, Lieut.-Colonel, R. E.,
Superintending Engineer, 1st Division.

III.

NEW WORKS.

Statement showing the works for which allotments or additional funds are required during the current year in the 1st Division.

Districts.	Works.	Amount of Estimate.	Number and date of Order sanctioning the Estimate.	Current year's allotment, if any.		Expenditure up to 30th April 1863.	Expenditure up to 31st December 1863.		Probable expenditure up to 30th April 1864.		Amount required to be provided.	
				Imperial.	Income Tax.		Imperial.	Income Tax.	Imperial.	Income Tax.	Imperial.	Income Tax.
1	2	3	4	5	6	7	8	9	10	11	12	13
		Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam.	Construction of a road from Northern Trunk Road No. 6 at Ganjam to Aska, viâ Poorshotapur.	48,700	...	...	...	...	...	...	...	...	6,000	2,230
	Total...	...	...	...	...	...	...	...	...	...	6,000	2,230
Vizagapatam.	Constructing a Sea Custom House at Vizagapatam.	4,510	No. 1,731, 15th August 1862.	2,000	...	...	1,202	...	798	...	1,000	...
	Formation of New Salt Pans at Bimlipatam.	9,820	No. 6,582 2nd Nov. 1862.	4,000	...	1,686-8-9	2,568	...	1,432	...	1,000	...
	Petta Ghât Road through Jeypore.	...	...	4,570	...	...	...	...	4,570	...	7,930	...
	Total...	...	...	...	...	...	...	...	...	...	9,930	...
Godavery.	Cocanada Harbour, Light House, Groynes Dredging and Flag Staff.	20,909	No. 2,636, 22nd Dec. 1860.	3,000	...	65,000	830	...	5,605	...	3,435	...
	Balance of original Estimate...	2,046	No. 2,078, 30th Aug. 1859.									
	Supplemental Estimate. ...	41,250	Do. do.									
	Do. do. ...	7,230	No. 2,285, 13th August 1863.									
	Construction of Locks and Calingulahs in the Mundapettah Canals.	28,650	No. 453 of 17th March 1862.	7,066	...	11,584	4,961	...	12,105	...	10,000	...

Districts.	Works.	Amount of Estimate.	Number and date of Order sanctioning the Estimate.	Current year's allotment, if any.		Expenditure up to 30th April 1863.	Expenditure up to 31st December 1863.		Probable expenditure up to 30th April 1864.		Amount required to be provided.	
				Imperial.	Income Tax.		Imperial.	Income Tax.	Imperial.	Income Tax.	Imperial.	Income Tax.
1	2	3	4	5	6	7	8	9	10	11	12	13
		Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Godavery.	Constructing a Sluice to Coomarapalem Channel near Thapaswarum.	200	...	...	...	...	96	...	104	...	200	...
	Do. do. in the north bank of Samulcotta Canal near Bheemaram.	200	...	...	...	...	180	...	20	...	200	...
	Do. do. Mundapetta Pilla Calva near Thapaswarum.	200	...	...	...	...	161	...	39	...	200	...
	Do. an Aqueduct over the Koluncapurra.	200	...	...	...	...	198	...	2	...	200	...
	Do. do. over Venkatapalem drain.	200	Collector.	...	...	...	199	...	1	...	200	...
	Excavating a new channel to irrigate Muttapurroo lands.	134	...	...	...	...	122	...	12	...	134	...
	Building an Aqueduct to Arikaravoola Channel.	200	...	...	...	...	8	...	192	...	200	...
	Constructing a Sluice in the river bank at Razole.	90	...	...	...	...	...	...	90	...	90	...
	Do. do. at the mouth of Autravady.	120	...	...	...	...	...	...	120	...	120	...
	Do. do. at Katipakamatam.	100	...	...	...	...	5	...	93	...	98	...
	Amount required for further minor new irrigation works which may be sanctioned during the remaining part of the current official year.	...	...	...	...	...	...	...	...	...	1,358	...
	Total...	...	...	...	...	...	...	...	...	...	16,435	...

Waltair,
19th January 1864.

(Signed) O. W. S. CHAMBERS, Lieut.-Colonel, R. E.,
Superintending Engineer, 1st Division.

Superintending Engineer's
Office, 1st Division.
No. 316 *Waltair,*
19th January 1864.

From

Lieut.-Col. O. W. S. Chambers, R.E.
Superintending Engineer,
1st Division.

To

Colonel C. Chasser, R.E.
Secretary to Government,
Madras.

Sir,

In forwarding herewith the [x] *statements* [x] *for new works, I have the honor to state that the Godavery Portion of the G. O. No. 3081, of 14th October, calling for these abstracts = ments was not received in this Office until the 9th instant. Consequently these have not been time allowed me for obtaining from the Rajah Officials the full information = tion necessary to prepare these abstracts.*

I have &c.
(Signed)
by Major
O.E.

Encls. 3 Statements.

[x] *I and III Statements for New Works.*
II for Repairs.

Returns, I should desire to prepare them.

2. In the Ganjam District a sum of Rs. 6,000 from the Imperial fund allotment of Rs. 16,900 for the Calingia Ghat Road and 2230 Rs. from the Incometax Grant of 10,000 Rs. for the Jaggannadhapore Road, will remain unspent and I purpose appropriating this available sum, viz, 8,230 Rs. to the Road from Ganjam to Aska, the importance of which line has already been brought to the notice of Government.

Local fund Budget Item

See my letter No. 1577 of 20th October 1863.

3. None of the funds allotted for the Vizagapatam Distt. will be available for transfer to works in other Districts - but I request the sanction of Government to the re-distribution of funds made by me as entered in the enclosed Statements.

4. From the allotment of the Godavery

Godavery District a sum of Rs. 43,43 cannot be spent on works to which it was appropriated - and I beg to suggest that Rs. 16,435, be allotted for works entered in the Statement No. III, as it is highly desirable that these works should be completed in the current official year. This arrangement will still leave an available balance of Rs. 27,000.

5. I therefore do myself the honor of requesting that a sum of Rs. 12,380, may be transferred to the two repair works; marginally noted, as the same are of an emergent nature.

Clearing out silt &c.	do.	8080
Do	do.	4,300
		12,380

6. Should this course be sanctioned, there will be a balance of 14,620 Rs. available for expenditure in other Districts.

7-

7. In conclusion I beg to say that the funds allotted for re-=pairs in the three Districts of the Division will probably be all spent.

I have the honor to be
Sir,
Your Most Obedt Servt

R. Chambers Lieut Col R.E.
Superintending Engineer.

Rolls

x: Amount required this month

8080	
4300	
12380	

x 12380

R. Chambers Lieut Col R.E.
Superintending Engineer 12th Division.

Sch. No. 1
Return

Gonjam
Vizagapatam

Submitted Engr. Office 12th Div.
Pallavaram 19th January 1864.

N

Repairs.

Statement showing the works in the 1st Division for which allotments or additional sums are required during the current Year.

District	Sub Divisional Head.	Amount of Estimate.	Number & Date of order sanctioning the Estimate.	Current Year allotment if any.	Expenditure upto 30th April 1863.	Expenditure upto 31st December 1863	Probable Expenditure upto 30th April 1864.	Amount required the provision?
1	2	3	4	5	6	7	8	9
Godavery	Public Improvement — Agricultural — Irrigation Canals	"	"	"	"	6839	5541	x 12380
Ganjam	"		None	"	"	"	"	"
Vizagapatam	"		None	"	"	"	"	"

x This amount is required for the following 2 works for which the Estimates &c have been sanctioned by the following Orders

Clearing out silt in front of the Head Sluice of Pek Chl over Main Irrigation Chl & the Central delta ——— 8080

——Ditto——Ditto mixed Head Sluices at Sobburlanka ——— 4300

12380

Superintg Engrs Office 1st Divn
Waltair 19th January 1864.

Ob. Chambers Lieut Colonel R.E.
Superintending Engineer 1st Division

From

The Superintg Engineer
1st Division

To

The Secretary to Government
of Public Works Department
Madras.

Dated 19th
Recd 19th } January 1864.

Recd

No 384/1614

IV—

Repairs.

Statement shewing the works in the 1st Division for which allotments or additional funds are required during the Current Year.—

New Works.

Statement shewing the sums allotted for Public Works in the 1st Division which are not likely to be Expended during the current Year.—

District	Work.	Amount of Estimate.	Number & date of the correspondence with the Estimate.	Current Year's allotment. Imperial	Current Year's allotment. Income Tax.	Expenditure upto 30th April 1863	Expenditure upto 31st Dec. 1863 Imperial	Expenditure upto 31st Dec. 1863 Income Tax.	Probable Expenditure upto 31st March 1864. Imperial	Probable Expenditure upto 31st March 1864. Income Tax.	Amount not required. Imperial	Amount not required. Income Tax.
1	2	3	4	5	6	7	9	10	11	12	13	
Ganjam.	Road from Nojagadah near Rus. enlcondah via Dongaperssad Chaut en route to Calingia Sumberhole.	49700	G.O. No. 65 of 11th Jany. 1861	16900	"	10000	4384	6576	"	6000	"	
	Road from Nowpara Salt Pans to Juggonnathpoor.	35390	G.O. No. 490 of 19th March 62	"	10000	23389	"	7722	"	"	"	2230
			Total	"	"	"	"	"	"	"	6000	2230
Vizagapatam	Improving and enlarging the present Sub Magistrate's Cutchery at Palacondah	2500	No 1552. 15th June 63 and No 3709 of 16th Dec. 1863.	2500	"	"	129	1371	1	1000	"	
	Reconstructing a portion of the Kottapatam Amicut	2050	No 3728 of 17th December 1863.	2050	"	"	"	"	1050		1000	"
	Constructing 15 3/4 miles of Road between Vizeanagrum and Chipurpilly	20430	No. 3581 of 4th Dec. 1863.	20430	"	"	"	"	12500	"	7930	"
			Total	"	"	"	"	"	"	"	9930	"
Godavery	Constructing Salary Cutchery at Amalapore	6290	No 2140. 6th Sept.	2000	"	"	607	257	New Columns Cannot be filled up as it is not known when the revised Plans &c will be sanctioned.			
	Ditto Ditto at Ramachendrapore	6220	Entered in 10 per Cent additional Budget	6220	"	"						
	Ditto a Lock and Calingulah at Chinnaparam in the Aker Canal	11980	No 1248. 18th May 1863	10000	"	"	1453	"	5112	"	3435	"
	Iron Girder Bridge at Cocanadah.	75000	Entered in 10 per Cent additional Budget	~~10000~~ 54000	"	"	"	"	24000	"	~~40000~~ 30000	"
			Total	"	"	"	"	"	"	"	~~43435~~ 33435	"

Superintending Engrs. Office
1st Division Waltair
19th January 1864.

× This includes the following sums appropriated to other works sanctioned as below mentioned.—
For Converting this late district Engrs office at Chatterpore. 250
Alterations to the subsidiary Jail at Rajamundry. 553
803

O. Chesney Lieut. Col. R.E.
Superintending Engineer 1st Division.—

From

The Superintg. Engineer
1st Division.

To

The Secretary to Govt. of Fort St. George
Public Works Department

Madras.

Dated 19th January 1864.
Recd

No. 384/674

Nov. 1863.

Statement shewing the sums allotted for Public Works in the 1st Division which are absolutely required to be expended during the current Year? —

New Works

Statement showing the works for which allotments or additional sums are required during the current Year in the 1st Division

Districts	Work	Amount of Estimate.	Number and Date of order sanctioning the Estimate.	Current Years allotment if any		Expenditure from 1st April 1863.	Expenditure up to 31st December last 1863.		Probable Expenditure up to 30th April 1864.		Amount required the ensuing year.	
				Imperial.	Sicca Rupees.		Imperial.	Sicca Rupees.	Imperial.	Sicca Rupees.	Imperial.	Sicca Rupees.
1	2	3	4	5	6	7	8	9	10	11	12	13
Ganjam	Construction of a Road from Northern Gunte Road N.E. at Ganjam to Aska via Pomkotapore	48700		"	"	"	"	"	"	"	6000	2230
	Total			"	"	"	"	"	"	"	6000	2230
Vizagapatam	Constructing a Sea Custom House at Vizagapatam	4510	No 1731, 15th August 1862	2000	"	"	1202	"	798	"	1000	"
	Formation of New Salt Pans at Bimlipatam	9820	No 655 2nd Nov 62	4000	"	1686-8-9	2568	"	1432	"	1000	"
	Pitta Gunta Road through Jeypore			4570	"	"	"	"	4570	"	7930	"
	Total										2930	"
Godavery	Cocanada Harbour Light House, Engines Dressing and Office Staff	20909	No 2636, 22nd December 1860	3000	"	65000	830	"	5605	"	3435	"
	Balance of Original Estimate	2046	No 2075, 30th Aug 1859									
	Supplemental Estimate	41250	Do Do									
	Ditto Ditto	7230	No 2285, 13th Aug 63									
	Construction of Locks and Salinglahs in the Mundapettah Canals	28650	No 453 of 1862 March 1862	7066	"	11584	4961	"	12105	"	10000	"
	Constructing a Sluice at Coomarapalem Chy near Thapaswarum	200		"	"	"	96	"	104	"	200	"
	Do Do in the North bank of Samalcotta Canal near Cheemaswarum	200		"	"	"	180	"	20	"	200	"
	Do Do Mundapetta Pillar Cahoor near Thapaswarum	200		"	"	"	161	"	39	"	200	"
	Do an Aqueduct over the Yellurea Jurra	200		"	"	"	198	"	2	"	200	"
	Do Do over Venkatapalem drain	200		"	"	"	199	"	1	"	200	"
	Excavating a new Chy to irrigate Muttapurroo lands	134		"	"	"	122	"	12	"	134	"
	Building an Aqueduct to Arikararoola channel	200		"	"	"	8	"	192	"	200	"
	Constructing a Sluice in the river bank at Razole	90		"	"	"	"	"	90	"	90	"
	Do Do at the mouth of Antravaty	120		"	"	"	"	"	120	"	120	"
	Do Do in the river bank at Chatiparamatam	100		"	"	"	5	"	93	"	98	"
	Amount &c for further minor new Irrigation works which may be sanctioned during the remainder part of the current Official year										1358	
	Total										16435	

Superintg. Engrs Office 1st Divn
Waltair 19th January 1864

A. Chambers Lieut R.E.
Superintending Engineer 1st Division

Proceedings of the Mexican Government
Under date 19th February 1864
Received at Fort Mc Hollowing
from the Supt Engineer 1st Division

Forwards 3 statements for new
works and repairs prepared according
to Circular No 3681 of 14th Dec
1863 and requests sanction of the
Secretary of War to the commencement
of the works

1st Division Fort Mc Hollowing
Statement of new works and repairs
proposed to be executed during the
current year

Description of Work	Estimated Cost
1. Road from Rockwood Battery, near Blackwell's, via Strongarm's Ranch, to Lewis & Clarke and Junction Rd —	$1,500
Road from Rockport Salt Rock to Sturgeon Creek —	2230

2d Division Fort Mc Hollowing
Statement of new works and repairs
proposed to be executed during the
current year

Description of Work	Estimated Cost
1. Stockade & Blockhouse at Fort Mc Hollowing	$2,000
2. Wharf at Fort Mc Hollowing	1,500
3. Repairs to Officers' Quarters, Fort Mc Hollowing	1,000
4. Repairs to Hospital, Fort Mc Hollowing	500
5. Repairs to Barracks, Fort Mc Hollowing	1,000
6. Repairs to Commissary Store House, Fort Mc Hollowing	500
7. Repairs to Quartermaster's Store House, Fort Mc Hollowing	500
8. Repairs to Stables, Fort Mc Hollowing	500
9. Repairs to Guard House, Fort Mc Hollowing	500
10. Repairs to Bridge over Sturgeon Creek	1,000
11. Repairs to Road from Fort Mc Hollowing to Sturgeon Creek	1,000
12. Repairs to Road from Fort Mc Hollowing to Rockport	1,000
13. Repairs to Road from Fort Mc Hollowing to Lewis & Clarke	1,000
14. Repairs to Road from Fort Mc Hollowing to Junction	1,000
15. Repairs to Road from Fort Mc Hollowing to Rockwood Battery	1,000
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371. Repairs to Road from Fort Mc Hollowing to Blackwell's	1,000
372. Repairs to Road from Fort Mc Hollowing to Strongarm's Ranch	1,000
373. Repairs to Road from Fort Mc Hollowing to Lewis & Clarke	1,000
374. Repairs to Road from Fort Mc Hollowing to Junction	1,000
375. Repairs to Road from Fort Mc Hollowing to Rockwood Battery	1,000
376. Repairs to Road from Fort Mc Hollowing to Blackwell's	1,000
377. Repairs to Road from Fort Mc Hollowing to Strongarm's Ranch	1,000
378. Repairs to Road from Fort Mc Hollowing to Lewis & Clarke	1,000
379. Repairs to Road from Fort Mc Hollowing to Junction	1,000
380. Repairs to Road from Fort Mc Hollowing to Rockwood Battery	1,000
381. Repairs to Road from Fort Mc Hollowing to Blackwell's	1,000
382. Repairs to Road from Fort Mc Hollowing to Strongarm's Ranch	1,000
383. Repairs to Road from Fort Mc Hollowing to Lewis & Clarke	1,000
384. Repairs to Road from Fort Mc Hollowing to Junction	1,000
385. Repairs to Road from Fort Mc Hollowing to Rockwood Battery	1,000
386. Repairs to Road from Fort Mc Hollowing to Blackwell's	1,000
387. Repairs to Road from Fort Mc Hollowing to Strongarm's Ranch	1,000
388. Repairs to Road from Fort Mc Hollowing to Lewis & Clarke	1,000
389. Repairs to Road from Fort Mc Hollowing to Junction	1,000
390. Repairs to Road from Fort Mc Hollowing to Rockwood Battery	1,000
391. Repairs to Road from Fort Mc Hollowing to Blackwell's	1,000
392. Repairs to Road from Fort Mc Hollowing to Strongarm's Ranch	1,000
393. Repairs to Road from Fort Mc Hollowing to Lewis & Clarke	1,000
394. Repairs to Road from Fort Mc Hollowing to Junction	1,000
395. Repairs to Road from Fort Mc Hollowing to Rockwood Battery	1,000
396. Repairs to Road from Fort Mc Hollowing to Blackwell's	1,000
397. Repairs to Road from Fort Mc Hollowing to Strongarm's Ranch	1,000
398. Repairs to Road from Fort Mc Hollowing to Lewis & Clarke	1,000
399. Repairs to Road from Fort Mc Hollowing to Junction	1,000
400. Repairs to Road from Fort Mc Hollowing to Rockwood Battery	1,000
401. Repairs to Road from Fort Mc Hollowing to Blackwell's	1,000
402. Repairs to

... Board on revenue &
... that the commun
... ed in the preceding para
... graph, as well as the line bet
... ween & the Coast at Ganjam
... should be undertaken - The Supt
... Engineer was accordingly
... requested in G.O. No 3398 of 20th
... November 1863, to prepare and
... submit the necessary plans
... & estimates for this latter line -

5. On the 7th Jany last, Col
... Chambers submitted an Estimate for
... ~~ensuing~~ the work proposed
... in the year 1859, but as the
... Govt was not satisfied with
... an Estimate of so old a date, it
... directed its careful examination
... and resubmission after the
... 1st May next -

6. It will thus be seen
... that the Estimate for the work for
... which funds are now applied
... for by the Supt Engr has not
... yet been sanctioned - The Govt
... is therefore ~~unable~~ unable
... to grant the funds solicited, but
... it will not withhold its
... sanction to the expenditure,
... from the sources mentioned
... in para 2, of the works
... of the Estimate for which although
... applied in Proc No 3296
... dated 28th December last ~~but~~ are
... not provided for in the Budget for 64/65.

7 - In the Vizagapatam Dt Rs
... 9930 are proposed to be diverted
... from the works mentioned
... noted to those mentioned below

Sea Customs House at Vizagapatam Rs 1000
Salt Pans at Kinlipatam Rs 1000
Pattu Ghaut Road third Section Rs 7930
9930

Sub Magistrates Cutcherry at Paivandah Rs 1000
Koppaka Anicut — 1000
Rd between Vizianagram & Chepurpully — 7930
Rs 9930

Pattu Ghaut Road
Third Section —
Road from Vizianagram
to Parvatipoor —

+ G.O. 3297 of 17th Sept 64

6. to the fur
... amount of the Estimate having
... been made for the first three
... works in the Budget for 864/65
... no allotment is required from
... them in the current year - The
... total sum (Rs 2000) proposed
... to be expended upon these works
... will accordingly be credited to
... the Reserve

9. On sanctioning the
... amount applied for for
... the third work, the Supt Engr
... will be required to submit
... the Estimate called for in Para 6
... of G.O. No 3407 of 21st Nov 63
... It is desired that the amount
... (Rs 25000) allotted for the under
... mentioned for the works
... mentioned is to be
... equally distributed over
... those works in accordance
... with the arrangement appro
... ved in G.O. No 3846 of 28th Aug 64 -

10 In the Godavery Dt, the
... Supt Engr draws (Statt No 1)
... that Rs 33435 will remain unex
... pended on the 30th April
... next from the allotments
... for the undermentioned works. This amount
... will be credited to the Reserve
... Fund -

Lock & Caliniculah at Chinna Caparam in the Head Canal — Rs 3435
Iron Girder Bridge at Cocanada — Rs 30,000
Rs 33435

11 In Statt No 3, the Supt Engr
... requests sanction for an allotment
... of Rs 16435 for certain neces
... sary works - Rupees 10,000 have
... however been allotted
... for the construction of Locks &
... Caliniculahs in the Trunk Canal

Canal (Coca
in Statt. 3) the Lieut Governor was
condition of Rs 6435. The partic
ular allocation of the Surplus Rs
will be drawn to items Nos
85 & 148 in the Budget for
1864/65 wherein provision
is made for the two items
marginally noted, and he will
be requested to state whether
it would not be desirable
to transfer the sums set apart
for them works to the Estimate for
the Iron Lattice bridge at
Cocanada which has not
been provided for in the
Budget for the ensuing year.
12 Mr Reid to the applic
ation in Statement B Rs
4 for a grant of Rs 12,380
on account of Repairs in the
Godavery Dt, Col Chambers
must be aware that it is
not within the competence
of this Govt to ~~sanction the~~
~~necessary~~ allot funds for repairs either
from the Revenue or from the allotments for new works.
13. As there are only 2 months
remaining of the Current
Off. Year, Messrs. E & I Dr will
be requested to inform
his Excellency that the Govt.
will rely upon their best
exertions to ensure ~~the~~ completion of work
~~to~~ to the full extent of the allotment
~~allotted~~ for the Ganjam, Vizagapatam
& Godavery Dts —

Rs 380. 2 Sts

Cocanada Harbour, Light
House &c ——— Rs 3635
Locks & Caligulahs in the
Gundagetta Canal Rs 10000

+ See G O 17487
3 Jan 63.

To Messrs E & I Dr
To Revenue
To the Collector
Dated 21st Feb 63

1864 Depot
Pro: of Govt for July.

No. 495

Pro: of the Adjt Genl
Dy 19 July 1864

Letter from the Asst Engr. D. D. submitting Statement shewing the new W. Hs. and repairs the allotments for which are not likely to be expended by the 30th April next and those for which funds are now required.

No. 380. 381