MADRAS RECORD OFFICE.

Government of Madras.

DEPARTMENT.

G.O. No.

Dated 18

Pross.

Not to be folded or roughly handled.

Read the following Letters.

No. 84. From Lieutenant-Colonel E. LAWFORD, Officiating Chief Engineer; to the Secretary to Government, dated 27th November 1858, No. 5814.

SIR,

I have the honor to forward for submission to Government, with reference to Extract Minutes of Consultation, No. 972, dated 22nd May and No. 1682, dated 21st August last, the accompanying two letters from the District Engineer of Nellore, of dates noted in the margin, the first accompanied by Plans and an Estimate for widening the head of Jaffer Saib's Channel, and for a new head to the Survapilly Channel, to be taken from the former,

1 Original letter No. 2012, dated 17th September 1858, with 2 enclosures.
1 Original letter No. 2286 dated 13th October 1858, with 2 enclosures.
1 Abstract Estimate.
6 Plans with 2 enclosures.

2. The Estimate has been corrected in this office and provides.

	Rs.	A.	P.
1. For widening the Jaffer Saib's Channel from the head sluice to the 1st dividing Dam, and for turfing the banks...	14,608	0	0
2 For a Dividing Dam for Jaffer Saib and Survapilly Channels...	3,090	0	0
3. For a new cut from Jaffer Saib to the Survapilly Channels and for embanking and turfing...	33,959	0	0
4. For constructing a Bridge of three Arches across the new Channel on the Nabobpett Road...	4,000	0	0
5. For. Do. Do. Do. on the Kistnapatam Road...	3,000	0	0
6. For three acqueducts or Syphon Sluices in the new Channel at the places where it is intersected by the irrigating Channels, from the Nellore Tank...	3,540	0	0
7. For Superintendence and Sundries...	2,103	0	0
Total Rupees.....	64,300	0	0

3. The Estimate submitted with the Chief Engineer's letter, dated the 6th December 1856, No. 8662, marked UUUUU, amounted to Rupees 50,000; but the same has now been revised the District Engineer states, to make each portion as complete as possible, and to include that portion of the cost for widening the Jaffer Saib's Channel, which was provided for in another Estimate, therewith submitted, as without this necessary work, the flow of water into the Survapilly Channel by the new cut will be very limited.

4. With the second letter the District Engineer forwards a Revenue Report from the Collector of Nellore and a Sketch plan showing the proposed connecting cut, between the Jaffer Saib's and the Survapilly Channel.

5. The Revenue Report is accompanied by a Statement of the probable increase of Revenue to be expected from the improvement of the Survapilly Channel. The extent of land capable of being cultivated is shown to amount to 1095 Goortoos, bearing an assessment of Rupees 20,090 or Rupees 17,050 reduced; but the Collector states that as it can hardly be expected that the whole of the lands will be fully supplied with water or cultivated every year. He is therefore of opinion that $\frac{1}{3}$rds of the sum or Rupees 14,367 might be assumed as the expected increase of the proposed undertaking, which will even then give an Annual Return of 22$\frac{1}{2}$ per cent on the expenditure.

6. As the necessity of the Project has been already recognized by Government in Extract Minutes of Consultation No. 972, dated 22nd May last, above referred to, and authority granted for the entry of the Estimate in the outgoing Budget, I have the honor to recommend the Plans and Estimates for the approval of Government.

7. It must however be observed that the amount Estimated, viz. Rupees (64,300,) Sixty-four thousand and three hundred, is required for the full completion of the Project, which must ultimately be allowed to realize the full benefit expected from it, but should Government desire to limit the expenditure to what may suffice for the immediate wants of the existing cultivation,

and for the safety of the Tanks, by closing the present head of the Survapilly Channel, I beg to recommend that Rupees (35,528,) thirty-five thousand five hundred and twenty-eight, viz.

	Rs.	A.	P.
For widening the Jaffer Saib's Channel, as now estimated... ...	14,608	0	0
New cut from Jaffer Saib to Survapilly Channel...	20,920	0	0
Total Rupees.....	35,528	0	0

instead of Rupees (35,920,) thirty-five thousand, nine hundred and twenty, as recommended in the Chief Engineer's Proceedings of the 20th January last, may be authorized for insertion in the Budget of 1859-60. The District Engineer has been called upon for a fresh Estimate for the above amount, to show what portion of the general Estimate for the Survapilly Channel is intended to be executed on emergency next year, and as soon as received it will be laid before Government, In the mean time if the work could be allowed to proceed on account of the urgency of the case, I would also recommend that authority may be granted for its commencement, early in the ensuing working season.

Letter from Lieutenant JOHN MULLINS, District Engineer, Nellore; to Major E. LAWFORD, Officiating Chief Engineer, dated 17th September 1858, No. 2012.

SIR,

With reference to your order No. 3519 dated 9th September 1858, forwarding a copy of Extract Minutes Consultation No. 1682 dated 21st August 1858, I have the honor to enclose an Estimate amounting to Rupees 64,300 for connecting the Jaffer Saib and Survapully channels.

2. This Estimate was, on the 7th September forwarded to the Collector for a detailed revenue report on the anticipated returns from the intended improvements, but, as it will take a fortnight or 3 weeks to prepare the required information, I have thought it better to send in the estimate at once instead of waiting for the report in question, which will be submitted as soon as received, a copy of the Collector's letter* is enclosed.

* No. 229 dated 16th September 1858.

3. It will be seen on referring to my letter No. 1347 dated 28th November 1856, that the original estimate for the new Channel of connection was Rupees 50,000; as however Government wished for separate revenue reports on detached portions of the annicut channel improvements, the whole of the revised estimates have been prepared so as to make each portion as complete as possible in itself, and it became necessary to include in the estimate for the new Survapilly Channel a portion of the estimate for widening the Jaffer Saib Channel, and the only modification that has been made is the increase of the side slopes from 1 to 1 to 1½ to 1, as it has been found that the higher gradient is expensive to keep in order.

4. The Estimate, as now forwarded, provides for a Channel calculated to carry as much water as will ultimately be required for this branch of the annicut Channels, including that belonging to the Kistnapatam Navigation and Irrigation Channels, and should Government therefore desire to limit the expenditure in 1859-60 to what may suffice for the immediate wants of the cultivation, all that will be necessary will be to sanction, for expenditure in 1859-60, Rupees 35,920 the amount already stated by me to be necessary for the temporary supply of the several villages already in connection with the old Survapully Channel.

5. In conclusion it may be as well to mention that the revenue report on this project prepared by the Collector last year shewed the expected increase as merely that due to the difference between the average Revenue of 4 villages for the last 5 years, and the highest Revenue during the same period and supposed no increase of cultivation whatever. No account moreover was taken of other villages which can be temporarily supplied even without the branch channels which will hereafter be estimated for, and in sending the estimate this year to the Collector I have pointed out what I believed to be omissions in the former report and I hope that there will be no difficulty in shewing clearly that an immediate increase of Rupees 10,000 ₹ annum may be anticipated from the outlay now proposed.

6. Detailed information regarding this channel will be found in para. 7 of my letter No. 1347 of the 28th November 1856. A plan exhibiting in distinct colours the several separate portions of the Annicut Channel improvements is under preparation, and will be forwarded within a fortnight and the Estimates of all the other Channels which have been surveyed up to the present time will be ready for the Collector's revenue reports at the same time.

Letter from F. B. ELTON, Esq., Collector of Nellore; to Lieutenant J. MULLINS, District Engineer, Nellore, dated 16th September 1858, No. 229.

SIR,

With reference to your letter of the 15th Instant, I have the honor to return the Estimate for connecting the Jaffer-Saib and Survapully Channels.

2. A Revenue report in connection with this project has as you are aware, already been submitted, but as it is desirable to look further into the subject, some further time will be necessary to send in a fresh Revenue report on the project now under consideration.

Letter from Captain JOHN MULLINS, District Engineer, Nellore; to Lieutenant-Colonel E. LAWFORD, Officiating Chief Engineer D. P. W. dated 13th October 1858, No. 2286.

SIR,

With reference to my letter No. 2012 dated 17th Ultimo, forwarding an Estimate, amounting to Rupees 64,000 for connecting the Jaffer-Saib and Survapully Channels, I have the honor to forward a copy of the Collector's Revenue report on the project, together with the statement that accompanied.

2. A Sketch Plan of the Annicut Channels on a reduced scale is herewith enclosed; it has been prepared from the large Plan on a 2 inch to the mile scale, which will be forwarded with the other Estimates.

Letter from F. B. ELTON, Esq., Collector of Nellore; to Captain J. MULLINS, District Engineer, Nellore, dated 11th October 1858, No. 269.

SIR,

I have the honor to acknowledge the receipt of your letter of the 7th Ultimo, and to forward the required Revenue report on the project for connecting the Jaffer-Saib and Survapully Channels and thus bringing the latter under the influence of the Pennair Annicut.

2. The Statement herewith forwarded exhibits the extent of additional lands capable of being brought under irrigation in the several Villages referred to by you, except the one noted in the margin,* and which the principal ryots have agreed to cultivate provided the necessary water is supplied to them. The inhabitants of Goolivaudapoody are not prepared to bring more lands under cultivation and think the additional supply of water will not reach their Village. There is a very considerable area, assessed at Rupees 17,051 capable of being brought under irrigation in these Villages. But as it is hardly probable that all these lands will be fully supplied with water and cultivated every year, I am of opinion that ⅔ of the sum entered in the Statement or Rupees 11,367 may be assumed as the expected, increase from the proposed undertaking. The increase consists of Rupees 5,083 in the 4 Villages already irrigated by the Survapully Channel, and Rupees 6,284 under 4 of the additional Tanks to which you expect the water of the Channel can be easily conveyed from the Survapully Tank. This will give a percentage of about 17¾ on the amount of the Estimate, and will I hope be considered as warranting the execution of the work.

* Goolivaudapoody.

3. The Estimate received with your letter under reply is herewith returned.

Statement of increase of Revenue expected from the improvement of the Survapully channel of the Pennair River.

Number.	Talook.	Villages.	Expected increase from. Magunyaya cut. Extent.	Magunyaya cut. Assessment.	Pasture land. Extent.	Pasture land. Assessment.	Dittum. Extent.	Dittum. Assessment.	Averageculation Extent.	Averageculation Assessment.	Dittum land Extent.	Dittum land Assessment.	Total. Extent.	Total. Assessment.	Reduced assessment.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	
			Goorttoos	Rupees.	Goorttoos	Rupees.	Goorttoos	Rupees.	Goorttoos	Rupees.	Goorttoos	Rupees.	Goorttoos	Rupees.	Rupees.	
1 Survapully.		Villages now under Survapully channel.														
		Survapully	1088	18,547	648	8,435	404	5,294	192	2,412	90	1,638		490	4,050	3,650 The remaining Magany Ayacut or the difference between column 4 and the total of column 8, 10, & 12 consists of lands in the bed of the tank & otherwise unfit for cultivation.
		Panooburty	228	5,659	111	2,557	74	1,760	37	797	31	467	25		1,754	1,481 Do.
		Brummadasum	333	6,802	246	4,467	139	2,410	107	2,027	97	507			2,534	2,157 The difference consists of lands partly in the bed of a tank and partly poor.
		Anckapully	140	2,390	85	1,552	62	1,159	23	393	27				393	337 The difference consists of lands in the bed of Survapully Tank.
		Total	1789	33,398	1090	17,011	679	10,653	359	5,629	293	2,612	134	490	8,731	7,625
		Villages not now under Survapully channel.														
		Epoor	592	10,150	397	6,230	300	4,967	97	1,263	63	3,920	30	690	5,873	4,905 This includes both the Tanks of Espoor
		Eadagaly	219	3,978	122	1,974	55	960	67	1,014	14	1,031			2,045	1,750
		Cakurlapaulem	22	185	22	185	5	50	17	135	35				135	127 These lands are irrigated by the Edagaly Tanks.
		Poodypurty	119	3,264	63	1,550	32	858	31	692	32	1,714	30	900	3,306	2,644
		Total	952	17,577	604	9,939	392	6,835	212	3,104	204	6,665	60	1,590	11,359	9,426
		Grand total	2741	50,975	1694	26,950	1071	17,488	571	8,733	433	9,277	85	2,080	20,090	17,051

(Signed) F. B. ELTON, *Collector.*

Nellore, Collectors office,
11th October 1858.

No. 85. From Lieutenant-Colonel E. LAWFORD, Officiating Chief Engineer; to the Secretary to Government, dated 9th December 1858, No. 6147.

SIR,

I have the honor to forward for submission to Government with reference to para. 7 of my letter* dated the 27th Ultimo, the accompanying Estimate amounting to Rupees (36,160) thirty-six thousand, one hundred and sixty, for widening the Jaffer Saib's Channel, and for a new head to the Survapully Channel, and other works connected with them.

* No. 5814,
Enclosures 2.
1 Original letter from the District Engineer Nellore No. 2594, dated 23rd November 1858.
1 Abstract Estimate.

2. The Estimate provides only for works emergently required, and included in the general Estimate of Rupees (64,300) sixty-four thousand and three hundred, already submitted, but the dividing Dam is to be of a temporary construction, and to cost Rupees 426. The new head to the Survapully Channel is to be opened to an extent which will cost only Rupees 13,338, and without turfing to its banks. The two Bridges on the Nabobpet* and Kistnapatam† Roads are to be built as provided for in the general Estimate, and temporary Acqueducts at a cost of Rupees 750, are to be constructed instead of the Syphon Sluices.

	Rs.
* Estimated at	4,000.
† Do. at	3,000.

3. Under present Financial difficulties should Government not be disposed to recommend the larger estimate of the complete project, I have the honor to recommend that they will at least authorize the insertion in the outgoing Budget, the estimate herewith submitted, which, after correction in this Office amounts to Rupees (36,160) thirty-six thousand, one-hundred and sixty, in lieu of Rupees 35,528 exhibited in my letter of the 27th Ultimo above referred to.

Letter from Captain JOHN MULLINS, District Engineer Nellore; to Lieutenant-Colonel E. LAWFORD, Officiating Chief Engineer, dated Camp Pudmanabodoo Chuttrum 23rd November 1858, No. 2594.

SIR,

With reference to your letter No. 5229 of the 9th Instant, I have the honor to forward an estimate amounting to Rupees 36,160 for making a new cut from the Jaffer saib to the Survapully old channel, as therein directed.

No. 86. ORDER THEREON, No. 2697; dated 14th December 1858.

Para. 1. The Government are of opinion that the estimate for the Jaffer Sahib's and Survapilly Channels in the Nellore District should be confined for the present to works actually necessary for the protection of existing cultivation. The sum formerly recommended for entry in the Budget on account of these channels viz., Rupees 35,920, was represented to be urgently necessary for the stability of the Pennar Annicut, but now that the Annicut has itself failed,* the Government do not see the necessity of the proposed works, or the force of the recommendation for their early commencement as urgent works.

From Officiating Chief Engineer 26th July 1858, No. 2212.
To Government of India 21st August 1858, No. 1683, para. 6.

* From the Officiating Chief Engineer 1st December 1858, No. 5933.

2. The Government request therefore that the Officiating Chief Engineer will reconsider the question and submit, if necessary, an estimate prepared in conformity with the above views, affording, at the same time, such explanation as will place the matter before them in a clear light.

(Signed) W. H. BAYLEY,
Acting Secretary to Government.

Central Office of Public Works
Fort St. George 27 November 1858.

No. 5814.

From,

The Officiating Chief Engineer.

To,

The Secretary to Government
Public Works Department

"Revenue Irrigation"

Sir,

I have the honor to forward for submission to Government, with reference to its Extract Minutes of Consultation, No. 972, dated 22nd May and No. 1682 dated 21st August last, the accompanying two letters from the District Engineer of Nellore, of dates noted in the margin, the first accompanied by Plans and an Estimate for widening the head of Jaffer Saibs Channel and for a new head to the Survapilly Channel, to be taken from the former.

Enclosures 15.
1 Original letter No. 2012. dated 17th September 58. with 2 enclosures.
1 Original letter No. 2286. dated 13th October 58. with 2 enclosures.
1 Abstract Estimate.
6 Plans—with 2 Es.
17th Septr 1858 No. 2012.
13th Octr 1858 No. 2286.

2. The Estimate has been examined and corrected in this Office and provides

For widening the Jaffer Saibs Channel from the head sluice to the 1st dividing Dam

Dam, and for turfing the banks ..... 14,608 ..

For a Dividing Dam for Jaffer Saib and Survapilly Channels ..... 3,090 ..

For a new Cut from Jaffer Saib to the Survapilly Channels and for embanking and turfing ..... 33,959 ..

For constructing a Bridge of three arches acrofs the new Channel on the Nabobpett Road ..... 4,000 ..

For D^o D^o D^o on the Kistnapatam Road ..... 3,000 ..

For three Aqueducts or Syphon Sluices in the new Channel at the places where it is intersected by the irrigating Channels from the Nellore Tank ..... 3,540 ..

For Superintendence and Sundries ..... 2,103 ..

Rupees 64,300 ..

3. The Estimate submitted with the Chief Engineer's letter, dated the 6th December 1856, N° 8662 marked VUUUU, amounted to Rupees 50,000; but the same has now been revised the District Engineer states, to make each portion as complete as possible, and to include that portion

portion of the cost for widening the Jaffer Saib's Channel, which was provided for in another Estimate, therewith submitted, as without this necessary work, the flow of water into the Survapilly Channel by the new cut will be very limited.

4. With the second letter the District Engineer forwards a Revenue Report from the Collector of Nellore and a Sketch plan showing the proposed connecting cut, between the Jaffer Saibs and the Survapilly Channel.

5. The Revenue Report is accompanied by a Statement of the probable increase of Revenue to be expected from the improvement of the Survapilly Channel. The extent of land capable of being cultivated is shown to amount to 1095 Goortos, bearing an assessment of Rupees 20,090 or Rupees 17,050 reduced. but the Collector states that as it can hardly be expected that the whole of the lands will be fully supplied with water or cultivated every year. He is therefore of opinion that 2/3 of the sum or Rupees 14,367 might be assumed as the expected increase of the proposed undertaking, which will even then give an annual return of 22½ per Cent on the expenditure.

6. As the necessity of the Project has been already recognized by Government, in Extract Minutes of Consultation No. 972 dated 22nd May last, above referred to, and authority granted for the entry of the Estimate in the outgoing Budget, I have the honor to recommend the Plans and Estimates for the approval of Government.

7. It must however be observed that the amount estimated, viz Rupees 64,300, Sixty four thousand and three hundred, is required for the full completion of the Project, which must ultimately be allowed to realize the full benefit expected from it, but should Government desire to limit the expenditure to what may suffice for the immediate wants of the existing cultivation, and for the safety of the Tanks, by closing the present head of the Survapully Channel, I beg to recommend that Rupees (35,528,) Thirty five thousand five hundred and twenty eight, viz.:

For widening the Jaffer Saibs Channel, as now estimated	14,608-0-0
New Cut from Jaffer Saib to Survapully Channel	20920-0-0
	35528-0-0

instead of Rupees 35,920, Thirty five thousand nine hundred and twenty, as recommended in the Chief Engineer's Proceedings of the 20th January last, may be authorized for insertion in the Budget of 1859/60. The District Engineer has been called upon for a fresh Estimate for the above amount, to show what portion of the general Estimate for the Survapully Channel is intended to be executed on emergency next year, and as soon as received it will be laid before Government. In the mean time if the work could be allowed to proceed on account of the urgency of the case, I would also recommend that authority may be granted for its commencement, early in the ensuing working season.

I have the honor to be
Sir,
Your Most Obedient Servant
Sawford 2d Lt Colo
Officiating Chief Engineer

Central Office of P.W.
Fort Saint George
27th November 1858.

Central Office of Public Works
Fort St. George 9th December 1858.

No. 6147

From Lieut. Colonel C. Orme
The Officiating Chief Engineer

To
The Secretary to Government
Public Works Department

"Revenue Irrigation"

Sir,

Dated 9th December 1858 No. 6147

I have the honor to forward for submission to Government with reference to para 7 of my letter dated the 27th Ultimo, the accompanying Estimate amounting to Rupees 36,166, Thirty six thousand one hundred and sixty, for widening the Jaffer Saib's Channel, and for a new head to the Survapully Channel, and other works connected with them.

2. The Estimate provides only for works emergently required, and included in the general Estimate of Rupees 64,300, sixty four thousand and three hundred, already submitted, but the dividing Dam is to be of a temporary construction, and to cost Rupees 426. The new head to the Survapully Channel is to be opened to an extent which will cost only 4

Rupees

No. 5814

Rd. 9th Dec. 1858 No. 6147

From the Officiating Chief Engineer
To the Secretary to Government
Public Works Dept.

Dated 9th December 1858.
Rec'd 29th November 1858.
No. 5814.

Submitting Estimate for widening the Jaffer Saib's Channel and for a new head to the Survapully Channel, and other works connected with them.

Rd. 9th Dec. 1858

Rd. 9th Dec. 1858 No. 6147
24 Sheets
93 Sheets

1984.

Dept. Rec'd

Rupees 13,338, and without turfing to its banks. The two Bridges on the Naboopet* and Kistnapatam® Roads are to be built as provided for in the general Estimate, and temporary acqueducts at a cost of Rupees 750, are to be constructed instead of the Syphon Sluices.

*Estimated at Rs. 4,000
®—Do—at 3,000

3. Under present financial difficulties should Government not be disposed to recommend the larger Estimate of the complete project, I have the honor to recommend that they will at least authorize the insertion in the outgoing Budget, the Estimate herewith submitted, which, after correction in this Office amounts to Rupees (36,160) Thirty six thousand one hundred and sixty, in lieu of Rupees 35,528, exhibited in my letter of the 27th Ultimo above referred to.

I have the honor to be
Sir,
Your Most Obedient Servant
Lewin Lieut.t Col.y
Officiating Chief Engineer.

Central Office of P.W.
Fort Saint George
9th December 1858.

4 Ulwar

D.W.C. 1858 Dept.
Cir. 14-Dec. 1858.
No. 3008.

From
The Offg. Chief Engineer
&c
The Secretary to Government
Public Works Dept.

Dated Poona Decr. 1858.
Rec'd 11/12 "

Enclosure. 2. Returned Enc
(D.O. No. 2805 dt. 11-12-58) No. 2805 24-12-58
Submitting an Estimate
amounting to Rupees 36,160
for widening the Jaffersabad
Channel and for a new Head
to the aforesaid Channel, being
a portion of the general Estimate
with the Chief Engineer's letter
dated 24th October and recom-
mending that the Estimate
may be entered in the Budget
in case the general one be
deemed too large.

1858.

Revenue, Irrigation. (New Work)

Abstract of Estimate No of 185 5.

District Nellore

Talook Village

Work Making a new Cut from the Jaffersabad Channel with a bottom width of 60 feet and depth of 18 ft being part of an Estimate for a Channel with a bottom width of 60 feet

Quantities	Description of Work	Rate	Amount	Amount of each part
		Rs. a. p.	Rupees	Rupees
C. Yards	Widening Jaffersabad Channel from Head Sluices to 1st Diverting Dam			
25133⅓	Cutting Laterite ——— @ ———	" " 6	9425	
17101	Widening Channel ——— @ ———	" " 1	1158	
7788½	@ ——— @ ———	" " 1 3	608	
21588½	@ ——— @ ———	" " 1	1349	
18686	@ ——— @ ———	" " 10	973	
5850	@ ——— @ ———	" " 9	274	13787
2600	Sqr. Turfing Channel ——— @ Sqr.	" 2 2	325	
2200	Sqr. ——— @ ———	" 2 1	286	
1680	@ ——— @ ———	" 2 "	210	821
	Facing Slopes and bed for 3 yards with rubble Stone to form a temporary dividing dam for the Jaffersab and New Suvvapully Channels (No. 1)			
310	Cyds. of Rough Stone ——— @ Cyd.	" " 6	326	326
	New Cut from Jaffersab Chan to old Suvvapully Channel			
28000	Cyds. of Excavation ——— @ Cyd.	" " 1 6	2625	
33000	@ ——— @ ———	" " 1 4	2750	
	Carried Over		5375	15034

Quantities.	Description of Work.	Rate.			Amount.	Amount of each part.
C. Yards.		Rs.	a.	p.	Rupees.	Rupees.
	Brought forward				5375	15034
34000	Cft. of Excavation ——— Cft.		1	3	2656	
32218	Do. ——— Do.		1	2	3807	
24000	Do. ——— Do.		1		1500	13338
	No. 11 Bridge of 3 Arches for Nobalpett Road					
22360	Cft. Laterite in Chunam ——— Cft.		2		2533	
3150	Do. of Arch work ——— Do.		2	6	492	
	Centering				720	
	Excavation & Baling				60	
	Raising Approaches				40	
	Sundries				155	4000
	Bridge of 3 Arches for Kistnapatam Road					
14088½	Cft. of Laterite in Chunam ——— Cft.		2		1761	
2283¾	Do. of Arch work ——— Do.		2	6	357	
	Centering				700	
	Excavation & Baling				50	
	Raising Approaches				40	
	Sundries				92	3000
128	10 Temporary aequeducts - Each	75				750
	Sundries					38
	Total Company's Rupees					36160

Central Office of P.W.
Fort Saint George
9 December 1858

Lieut. Colonel
Offg. Chief Engineer D.P.W.

Enclosure

In a Letter

From

The Offg. Chief Engineer

D. P. W.

To

The Secretary to Govt

D. P. W.

Dated 9 December 1858

Received 9 December 1858

D.W. 3008/58

No. 6147

Abstract Estimate for Making a New Cut from the Jaffersaib Channel with a bottom width of 18 feet being part an Estimate for a Channel with a bottom width of 60 feet in the District of Nellore.

Amounting to Rs. 36160

(New Work)

Revenue Irrigation

Abstract of Estimate No. of 185 /58

District — Nellore

Talook — Nellore & Suruvapully Village

Work — New Cut from Jaffersaib Channel into Suruvapully old channel

Quantities	Description of Work.	Rates			Amount	Amount of each part
		Rs.	a	p	Rupees	Rupees
C. Yards.	Widening Jaffersaib channel from Head Sluice to 1st Dividing Dam					
25133	Cutting Laterite ——— 100 C. Yds.		6		9425	
1771	Widening channel ——— D.		1	1	1158	
7789	D. ——— D. ——— D.		1	5	608	
21588	D. ——— D. ——— D.		1		1349	
18686	D. ——— D. ——— D.			10	973	
5850	D. ——— D. ——— D.			9	374	
						13787
2400	Sq. Turfing channel ——— 100 Sq. Yds.		2	2	325	
2200	D. ——— D. ——— D.		2	1	286	
2200	D. ——— D. ——— D.		2		210	821
1680	D. ——— D. ——— D.					
	Dividing Dam for Jaffersaib & Suruvapully channels					
	Laterite in Chunam ——— 100 C. Yds.		3	6	2625	
778	Rough stone apron ——— D.		1	6	275	
300	Excavation ———				54	
	Baling and Sundries ———				136	3090
	New Cut from Jaffersaib channel to the old Suruvapully channel					
56723	Excavation ——— 100 C. Yds.		1	6	5318	
					Carried Over	5318 17698

Quantities	Description of Work	Rate			Amount	Amount of each part
C. Yards		Rs.	a.	p.	Rupees	Rupees
	Brought Over				5318	1769
68401	Excavation ___ ycy	"	1	4	5700	
68438	D ___ D	"	1	3	5347	
137411	D ___ D	"	1	2	10020	
61679	D ___ D	"	1	"	3855	30240
70274	Sqr. Turfing channel ___ ysqr.	"	"	3	1098	
41938	D ___ D Embankment ___ D	"	1	"	2621	3719
	No II Bridge of 3 Arches for Nabobpett Road					
20260	cft. Laterite in chunam ___ ycft.	"	2	"	2533	
3150	D ___ Archwork ___ D	"	2	6	492	
	Centring				720	
	Excavation and Baling				60	
	Raising approaches				40	
	Sundries				155	4000
	No III Bridge of 3 Arches for Kistnapatam road					
14088	cft. Laterite in chunam ___ ycft.	"	2	"	1761	
2284	D ___ Archwork ___ D	"	2	6	357	
	Centring				700	
	Excavation & Baling				50	
	Raising approaches				40	
	Sundries				92	3000
	No IV Syphon Sluice 32 2/3 yds long and 12 yds Span					
8001	cft. Laterite in chunam ___ ycft.	"	2	"	1000	
1215	D ___ Archwork ___ D	"	2	6	190	
	Excavation & Centring				25	
	Sundries				35	1250

Quantities	Description of work	Rate			Amount	Amount of each part
		Rs.	a.	p.	Rupees	Rupees
	Brought Over					59907
	No 5 As per Size No 1					1250
	No 6 Syphon Sluice 26 1/3 yds long and 12 yds Span					
6622	cft. Laterite in chunam ycft	"	2	"	828	
994	D Arch work ___ D	"	2	6	155	
	Excavation and Centring				20	
	Sundries				37	1040
	Superintendence					
1	Head Gomastah for 12 months	20	"	"	240	
4	D ___ D	10	"	"	480	
2	Maistries ___ D	20	"	"	480	
6	Head Coolies ___ D	4	"	"	288	1488
	Sundries					615
	Total Company's Rupees					64300

Central Office of P.W.
Fort St. George
27 Nov. 1858.

Lewis Master
Offg. Supt. Engineer D.P.W.

Enclosure

Rup. Letter

From

The Offg Chief Engineer

D. P. W.

To

The Secretary to Government

D. P. W.

Dated 27th November 58

Received 29th "

P.P. 2886/58

No 5874

Abstract Estimate for New Cut from Passirsaib Channel into Survapully old Channel in the District of Nellore.

Amounting to Rs. 64,300...

25

No 2697

Extract from the Minutes of Consultation

Under date the 14th December 1858

Read the following Letter from the Officiating Chief Engineer, Eastern Division, dated 27th November 1858 No 5874

To The Government

Dated 27th November 1858 No 5874

6

Bill

From Offg Ch Engr 26th July 1858 para 12
To Govt Dis 2nd Augt 58 No 1689 p 6.

I am of opinion that the estimate for the Passirsaib and Survapully Channels in the Nellore District should be sanctioned for the present as works actually necessary for the protection of existing embankments. The sums formerly recommended for only the Budget on account of these Channels viz Rupees 35,920 may be represented to be urgently necessary for the stability of the

the Primar Amount, but now
that the Amount has itself
fallen, the Government does
noticed the necessity of the first
fixed works, or the force of the
Recommendations for their early
Commencement as urgent works.

2 The Government
requests therefore that the Chief
Engineer will reconsider
the question and submit if
necessary, an estimate prepared
in conformity with the above views,
affording at the same time
such explanation as will
place the matter before them
in a clear light.

WMB

To Depot Office Chief Engr 2nd Dec 55

From the Off Chief Engr
1st Dec 1855 N 5935

P. W. Cons. 25th May 58 — № 56-57
24th July — 54-55
9th Feby — 55-56

Public Works 1858 Dept.
Cons. 14th Dec.

№ 2697.

Extract Mins of Cons.
of 14th Dec. 58

From the Offg Chief Engr. dd 16th
Dec. 58 C № 3071 inc. 25 [illegible]

The Chief Engineer is requested to reconsider and submit with such explanation as to place the matter in a clear light, the estimate for widening the Jaffer Saibs and Surapillay's Channels in Jaffna.

2 Estimates — annexed

12-7-57

76-67

1/5/57

№ 84 at 86