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(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 2943	Press -Mis.
172-73	
Dated 8. 12	1862.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
8th December 1862.*

No. 172. Read the following letter from Lieutenant-Colonel S. O. E. LUDLOW, R. E., Deputy Chief Engineer, Northern Circle, to Colonel W. I. BIRDWOOD, R. E., Secretary to Government, Public Works Department, dated Chepauk, 4th November 1862, No. 451/N 211:—

SIR,

1. I have the honor to forward for submission to Government a supplementary estimate received from the District Engineer, Nellore, for the completion of the Survapilly Channel in that District.

2. The original estimate for this work amounted to Rupees 63,400, of which 59,980 Rupees were sanctioned by Government in Order No. 360, dated 17th February 1860, the difference Rupees 3,420 having been previously expended on a prior sanction of Government. A further sum of Rupees 3,147-2-0 was subsequently (Order No. 1,071, dated 29th June

- 1 Estimate.
- 1 Letter from District Engineer, Nellore, No. 1,867, dated 16th September 1862.
- 1 Do. No. 1,235, dated 21st June 1862.
- 1 Comparative Statement.
- 1 Plan of alterations.
- 1 Letter No. 541, dated 21st March 1862.
- 1 Do. " 1,528, dated 4th August 1862.
- 1 Do. " 1,230, dated 21st June 1862.
- 1 Do. " 1,593, dated 13th August 1862.
- 1 Plan of Syphons.
- 1 Bundle of Plans.
- 1 Deputy Chief Engineer's letters 370, 340, 326 & 334 Nos. (To be returned.)
- 1 Detail of sundries.
- 1 Letter from District Engineer, No. 1,413, dated 24th July 1862.
- 1 Do. No. 541, dated 21st March 1862.
- 1 Do. Deputy Chief Engineer, No. 853, dated 29th July 1862. (To be returned.)

1860) sanctioned by Government on account of land taken up for this work. The total sum sanctioned for the work was consequently Rupees 66,547-2-0.

3. In July 1862, an application was made by Captain Mullins, District Engineer, for a supplemental sanction of Rupees 8,000 to complete the work, and this application was accompanied by a comparative Statement purporting to exhibit the past expenditure, balance in hand and work remaining to be done. On examination, however, it was found that Captain Mullins had fallen into errors of a very large amount, and that in consequence the supplemental grant necessary for the completion of the work would be much more considerable than the sum of 8,000 Rupees stated by him.

4. The first error was (*vide* paragraph 18 of his letter, No. 1,235, dated 21st June 1862,) crediting the Survapilly Channel with a sum of 8,669 Rupees, which he supposed to be due to the work by the Kistnapatam Channel; but as the sum in question was never deducted from the total of the Survapilly Channel (sanctioned) estimate, to credit the work with it now, would be making a double payment.

5. His second error is of still larger amount; for he takes credit for a decrease or saving of 11,903 Rupees which has no real existence. A very cursory consideration of his actual cash balance, as compared with the amount of work yet remaining to be done, should have saved him from falling into this error. Major Greenaway, the present District Engineer, in paragraph 5 of his No. 1,867, dated 16th September 1862, acknowledges this to be a mistake.

6. There is a third error, or rather omission of an apposite tendency, no mention being made (and on this point Major Greenaway is also silent) of the sum of Rupees 3,147-2-0 sanctioned by Government on account of compensation for land.

7. Major Greenaway with his letter No. 1,867 (above referred to) forwarded a revised comparative Statement, and an estimate amounting to Rupees 31,031, the sum which was necessary on the 1st May 1862 to complete the Survapilly Channel as it then stood. On the same date the available balance + probable recoveries, was Rupees 10,887. But from this estimate, which appears to have been framed by Captain Mullins, and approved by Major Greenaway, has been omitted (why I really cannot tell) that portion of the work which provides for the widening of the Jaffer Saib's Channel and which formed an integral part of the original estimate of 63,400 Rupees.

8. It appears from paragraph 4 of Major Greenaway's letter No. 1,867, that on this item an expenditure of Rupees 8,186-0-5 will yet have to be incurred, and this sum must be added to the 31,031 Rupees, swelling the amount to Rupees 39,217-0-5, from which deducting the balance of sanctioned money remaining unspent Rupees 10,887 and 3,147-2-0, sanctioned by Government for land but omitted by the District Engineer, we arrive at the sum of Rupees 25,182-14-5, for which supplemental sanction is yet required.

*Proceedings of the Madras Government, Public Works Department,
8th December 1862.*

9. Captain Mullins in his No. 1,235, and Major Greenaway in his No. 1,448, dated 21st July 1862, furnished such information as they could, regarding the different items of excess, and I will now proceed to abstract their explanations, and offer such remarks on them as they appear to demand.

10. There is one item of the original Estimate on which there will probably be a saving, viz., that of 14,603 Rupees, being the portion of the expense of widening, &c., the Jaffer Saib's Channel, included in the Survapilly Channel estimate; this part of the work is expected to be completed for 9,200 Rupees, and were it not for this saving the whole excess would have been still larger than it is.

11. When the work is completed the excavation will have exceeded the estimate by 9,442 Rupees, or nearly 30 per cent. This is due partly to an increase in the total quantity of excavation (caused by earth washing in from sides and silt deposited in Channel), partly to about 29,000 cubic yards of laterite more than was estimated for being met with, where earth only was expected; but 2,082 Rupees of the excess is due to increased rate of work which Captain Mullins considers to be unnecessary, and adds that if all charges had been properly debited the excess under this head would probably have been still larger.

12. The excess on this item occurred on the Survapilly portion of the work, the rates allowed for which vary from 1 Anna to 1 Anna 6 Pice per yard; whereas on the Jaffer Saib part, where there will be a saving, the rates are from 9 Pice to 1 Anna 1 Pice. The excess in the former case therefore admits, in my opinion, of no valid excuse. But Major Greenaway thinks that a part of it may fairly be attributed to the work being much hurried on.

13. The Nabobpettah buildings exceeded the estimate (5,741-15-0) by 1,350 Rupees. This excess was partly owing to wells being added to the foundations, which addition was doubtless necessary, but should have been reported, and partly to excess on rates. I hardly agree with the District Engineer in thinking the latter to be "not unsatisfactory."

14. On the Kistnapatam road bridge there was a saving, due to diminished foundations, but the District Engineer questions the correctness of the stated rates.

15. The single syphon sluice, though there was some saving in quantity, exceeded the estimate by 6 per cent. Nothing very extraordinary.

16. For another single syphon sluice a double one was substituted. The change was, I think, advisable, but authority for it should have been obtained. This work which was expected to cost considerably less than two single sluices did actually cost nearly as much as two, the work having failed owing to the bad way in which it was executed.

17. The item next noticed is one of 1,341 Rupees for iron Aqueducts, Archimedean screws, and tools. The screws which must have been used for draining foundations of works under construction, and the tools should both have been charged to the works on which they were employed, the Aqueducts are chargeable to the next item.

18. This item of 1,151 Rupees for passing the Nellore tank water over the Channel while under construction, ought to have been provided for, but was not, in the original estimate. The expense of this, which the District Engineer thinks considerably exceeded the amount stated, would have been much less than it was, had proper arrangements been made; and a little forethought and skill would further have obviated the serious inconveniences, which appear to have resulted from the defective manner in which this necessary measure was carried out.

19. The two most objectionable charges in the whole amount are those which now came under notice, viz., for "sundry works" Rupees 2,564-14-4 and for "sundries" Rupees 1,479-4-5. It appears that in the former item were included no less than 10,000 men-coolies, who were said to have been employed on works that could not be specified, no details being entered in the Station books to enable this charge to be properly debited. Overseer Jack, the disbursing Officer, appears to have been unable to afford any satisfactory information, nor indeed any information at all as to this disbursement.

20. In the item for sundries is included a charge of Rupees 597-12-0 of a very questionable character for "baskets."

*Proceedings of the Madras Government, Public Works Department,
8th December 1862.*

21. If an Officer who disburses Government money is ever to be held responsible for the manner in which he expends it, the present is a case in which that responsibility should be brought home to him, and I think that the Overseer should be required either to account satisfactorily for the amount he spent or be obliged to refund it.

22. The subscription of Rupees 40 for a Taluq store appears irregular; but the item is small and requires no further notice.

23. Of the different items above noticed in detail those which appear to demand especial remark are as follows:—

I. Earthwork on which there was so large an excess. After making every allowance for the occurrence of unexpected rock, and for the manner in which the work is said to have been hurried on, I cannot but conclude that the excess is mainly attributable to negligence or incompetency in those who superintended the work.

II. The double syphon sluice failed as clearly appears through bad work, due to carelessness or want of skill in the Overseer.

III. The charges or rather the overcharges for "sundry works" and "sundries" admit of no excuse or palliation, and the slovenly manner in which the accounts appear to have been kept (if any accounts at all were kept at the time) is most discreditable.

24. Major Greenaway took charge of the District in April 1860, up to which time about 6,092 Rupees had been expended on the work for excavation. During his incumbency the excavation of the entire length of the Channel was completed to its full depth but with reduced width, and the principal masonry works were built. Captain Ritherdon was Officer of the Range and Serjeant Jack Overseer on the work.

25. Overseer Jack's supervision was evidently most ineffective, whether it arose from negligence or incompetency. His neglect of his accounts was disgraceful.

26. Captain Ritherdon, the Range Officer, although he is stated to have frequently measured the work, appears to have failed to make any thorough examination or comparison of the progress with the expenditure, and he unquestionably neglected his duty in not exercising a more effective control over his Subordinate, and seeing that his accounts were properly kept.

27. I cannot hold the District Engineers as altogether free from blame, for these long continued irregularities on an important work at no great distance from their Head Quarters ought to have sooner attracted attention and have been put a stop to.

28. It is a more pleasing duty to have to bring to the favorable notice of Government the merits of Overseer Wiffen. The only part of the work on which there was a saving was the enlargement of the Jaffer Saib Channel, on which he was employed, and this saving is reported to be due to his good management and attention to his work. This is not the first time that Mr. Wiffen has been favorably noticed, and I would beg that he may receive some mark of approbation on the part of Government.

29. However much the irregularities above noticed, are to be regretted, they do not affect the question of the usefulness of the work, and the necessity for its proper completion. For this completion the supplemental estimate now submitted provides, and I would beg strongly to urge the sanction of its amount, viz., 25,182-13-0, and the entry of the item (less what will be expended of the balance in hand on the 1st of May last during the current year) in the Budget for 1863-64.

30. This supplemental estimate as explained in paragraphs 16 and 17 of Captain Mullins' No. 1,235, provides for the completion of the excavation of the Channel to its full width. For turfing for certain drainage works, and for the construction of two (or three) additional syphon sluices. All these works appear to be necessary, the estimate seems to have been carefully framed, after full consideration of all the requirements of the work, and will, I believe, suffice to complete it effectually, and under the improved superintendence now available in Nellore without any risk of further excess.

*Proceedings of the Madras Government, Public Works Department,
8th December 1862.*

31. The District Engineer in August last reported that materials for the syphons had been collected in anticipation of sanction, that the work had been commenced and made considerable progress, and deprecated its suspension as it would prove a hindrance to cultivation and eventually enhance the cost. He also requested to be allowed to proceed with the turfing at once, it being the only fit season for such work. Under the circumstances represented, and having first ascertained that the cost of these works would fall far short of the balance remaining of the sanctioned estimate, I authorized him to proceed with so much of the work.

No. 173.

ORDER THEREON, 8th December 1862, No. 2,913.

1. This is one of the numerous cases in which, owing partly to neglect, partly to indifference on the part of the superintending Officers, a large excess of expenditure has been incurred without proper authority. It seems a mistaken principle to hold Mr. Overseer Jack alone responsible for the Government money expended without sanction, and absolutely frittered away, and while the Government are prepared to admit that he ought to be punished, they are by no means disposed to pass over the conduct of the District Engineer, Major Greenaway, and his subordinate, Captain Ritherdon. The latter Officer had immediate charge of the work, and appears most to blame for the irregularities which have taken place. The former could have had but a very imperfect acquaintance with what was going on in his District when such an important work within immediate reach of his head quarters was conducted in such a highly discreditable manner; moreover, he seems himself to have entertained but a very loose notion of the extent of his authority and responsibility as he permitted the expenditure of funds, without sanction, and authorized the alterations of sanctioned plans at his own discretion.

2. The Government being of opinion that the case under notice is one in which the responsibility of the Officers and Subordinates concerned should be brought home to them, resolve to place the services of Captain Ritherdon, now on leave in Europe, at the disposal of His Excellency the Commander-in-Chief. Serjeant Jack will be dismissed from the Department, and the Deputy Chief Engineer, Northern Circle, is requested to take the necessary steps for carrying these instructions into effect. The Government desire that Major Greenaway may be severely reprimanded and warned that should they have occasion to find fault with his conduct again, a similar punishment to that of Captain Ritherdon will follow.

3. The original estimate for connecting the Suravapully and Jaffer Saib Channels, amounted to Rupees 64,300, and the unexpended balance of that estimate is shown to be Rupees 10,663. The supplemental estimate submitted, and which includes the portion of work left unexecuted of the original estimate, amounts to Rupees 39,217, which the Government sanction; and they further authorize the entry of the same in the Budget of 1863-64, less what will be expended during the current year of the balance in hand on the 1st May last.

Supplemental Estimate for completing the	
Suravapully New Cut.....	Rs. 31,031
Completing the widening of Jaffer Saib's Channel ..	8,186
	<u>Rs. 39,217</u>

4. Colonel Ludlow has inadvertently deducted the amount* of compensation from the supplemental estimate. That amount is entered in the comparative Statement under the head of disbursements and which deducted from the estimated cost, leaves a balance of Rupees 10,663, one.

*5. The Chief Engineer is requested to warn all District Engineers and their Subordinates of the results which will for the future certainly follow carelessness and neglect in the execution of their duties.

(Signed.) W. I. BIRDWOOD, Colonel, R. E.,
Secretary to Government.

Northern Circle Office
Chepauk
4th November 1852.

No. 457
 From Lieutenant Colonel V. G. Lusk P.S.
 Deputy Chief Engineer
 Northern Circle
 To Colonel W. J. Birdwood P.E.
 Secretary to Government.
 D. P. W.

18 Strauch.

1. *Pl. in d. l. helice*

no. 5572/16 Sep. 162

100. 11 12352/

21st June 1962.

1 Compare above Stations

John of Alcantara.

Ex Lib. No. 6741 3/21

March 1892.

1856
June 12

1830 12/1

2nd - 1861
June 1st.

100 1593. 137

August 1.02.

1. Hang' by no.

1. *Smile of Thomas.*

Liz. Ch. Eggs: 6 letters

370, 360, 3218

354 Nov. (to the University)

1877-78 Census

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1879, 1880

12. 11. 11

1950

10/17/74

1000

10. 6. 07.
15. 7. 07.

Have the honor to forward for submission to Government a Supplementary Estimate, received from the District Inquiry Vellur, for the completion of the Surveyably Channel in that District.

2. The original estimate for this work amounted to Rupees 63,400, of which 59,980 Rupees were sanctioned by Government in Order No. 360, dated 17th February 1860, the difference Rupees 3,420 having been previously expended as a prior sanction of Government. A further sum of Rupees 3,47-2-0 was subsequently (Order No. 107, dated 29th June 1860,) sanctioned by Government on account of land taken up for this work. The total sum sanctioned for the work was consequently, Rupees 66,547-2-0.

3. In July, 1862, an application was made by Captain Mullins, District Engineer, for a Supplemental sanction of Rupees 5,000 to complete the work, and this application was accompanied by a Comparative Statement purporting to exhibit the past expenditure, balance in hand and work remaining to be done. On examination however it was found that Captain Mullins had fallen into errors of a very large amount, and that in consequence the Supplemental grant necessary for the completion of the work would be much more considerable than the sum of 8,000 Rupees stated by him.

4. The first error was (vide paragraph 18 of his letter No. 1236, dated 21st June 1862) crediting the Suravally Channel with a sum of 8,669 Rupees which he supposed to be due to the work by the Disputation Channel; but as the sum in question was never deducted from the total of the Suravally Channel (sanctioned) Estimate, to credit the work with it now, would be making a double payment.

5. His second error is of still larger amount; for he takes credit for a decrease or saving of 11,903 Rupees which has no real existence. A very cursory consideration

75
Consideration of his actual cash balance, as compared with the amount of work yet remaining to be done, should have saved him from falling into this error. Major Greenaway, the present District Engineer, in para. 5 of his No. 1867, dated 15th September 1862, acknowledges this to be a mistake.

6. There is a 3rd error, or rather omission of an opposite tendency, no mention being made (and on this point Major Greenaway is also silent) of the sum of Rupees 3,147-2-0 sanctioned by Government on account of compensation for land.

7. Major Greenaway with his letter No. 1867 (above referred to) forwarded a revised Comparative Statement, and an Estimate amounting to Rupees 3,1031, the sum which was necessary on the 1st May 1862 to complete the Suravally Channel as it then stood. On the same date the available balance + probable recoveries was Rupees 10,887. But from this Estimate, which appears to have been framed by Captain Mullins, and approved by Major Greenaway, has been omitted (why, I really cannot tell) that portion of the work which provides for the widening of the Jaffer's Channel and

and which formed an integral part of the original estimate of 63,400 Rupees.

8. It appears from paragraph 4 of Major Greenaway's letter No. 1867, that in this item an expenditure of Rupees 8,186 - 5 will yet have to be incurred, and this sum must be added to the 31,031 Rupees, swelling the amount to Rupees 39,217 - 5 from which deducting the balance of sanctioned money remaining unspent Rupees 10,887 and 3,147 - 2 " sanctioned by Government for land but omitted by the District Engineers, we arrive at the sum of Rupees 25,182 - 14 - 5, for which supplemental sanction is yet required.

Vide Statement attached to Estimate

9. Captain Mullins in his No. 235, and Major Greenaway in his No. 1448 dated 24th July 1862, furnished such information as they could, regarding the different items of excess, and I will now proceed to abstract their explanations, and offer such remarks on them as they appear to demand.

10. There is another of the original Estimate in which there will probably be

a saving vizt. that of 14,608 Rupees being the portion of the expense of widening for the Jaffer Sail Channel, included in the Survaipilly Channel Estimate; this part of the work is expected to be completed for 9,200 Rupees and were it not for this saving the whole excess would have been still larger than it is.

11. When the work is completed the excavation will have exceeded the Estimate by 9,162 Rupees or nearly 30 per cent. This is due partly to an increase in the total quantity of excavation (caused by earth washing in from sides and silt deposited in Channel) partly to about 29,000 Cubic Yards of latente more than was estimated for being met with, where earth only was expected; but 2,082 Rupees of the excess is due to increased rate of work which Captain Mullins considers to be unnecessary and adds that if all charges had been properly debited the excess under this head would probably have been still larger.

12. The excess on this item occurred on the Survaipilly portion of the work, the rates allowed for which vary from 11 annas to 1 Anna 6 pie per Yard, whereas in the Jaffer Sail part, where there will be a saving

The rates are from 9 Pice to 11 Anna 1 Pice. The excess in the former case therefore admits of being admitted as a valid excuse. But Mayor Greenaway thinks that as part of it may fairly be attributed to the work being much hurried on.

13. The Nalabpottah Buildings exceeded the estimate (5741-15-0) by 1350 Pupas. This excess was partly owing to wells being added to the Foundations, which addition was doubtless necessary, but should have been reported, and partly to excess in rates. I hardly agree with the District Engineer in thinking the latter to be "not satisfactory".

14. On the Chinnapatnam Road Bridge there was a saving, due to diminished Foundations, but the District Engineer questions the correctness of the stated rates.

15. The single syphon sluice, though there was some saving in quantity, exceeded the estimate by 6 per cent. Nothing very extraordinary.

16. For another single syphon sluice a double one was substituted. The change was, I think, advisable, but authority for it should have been obtained. This work which was expected

expected to cost considerably less than 2 single sluices did actually cost nearly as much as 2, the work having failed owing to the bad way in which it was executed.

17. The item next noticed is one of 1341 Pupas for Iron Aqueducts, Archimedes and Serrus, and Tools. The Serrus which must have been used for draining foundations of works under construction, and the Tools should both have been charged to the works in which they were employed, the Aqueducts are chargeable to the next item.

18. This item of 1151 Pupas for passing the Nellore Tank water into the channel while under construction, ought to have been provided for, but was not, in the original estimate. The expense of this, which the District Engineer thinks considerably exceeded the amount stated would have been much less than it was, had proper arrangements been made, and a little forethought and skill would further have obviated the serious inconveniences, which appear to have resulted from the defective manner in which this necessary measure was carried out.

19. The two most objectionable charges

in the whole amount are those which now
come under notice viz. - For "Sundry Works"
Rupees 2564-14-4 and for "Sundries"
Rupees 1479-4-5. It appears that in the
former item were included no less than 10000
men coolies who were said to have been em-
ployed on works that could not be specified,
no details being entered in the Station Book,
to enable this charge to be properly debited.
Overser fact, the disbursing Officer, appears
to have been unable to afford any satisfactory
information, ^{or any information} at all as to this disbursement.

20. In the item for Sundries is
included a charge of Rupees 397-12-0 of
a very questionable character for "Baskets."

21. If an Officer who disburses
Government money is ever to be held respon-
sible for the manner in which he expends
it, the present is a case in which that
responsibility should be brought home to
him, and I think that the Overseer should
be required either to account satisfactorily
for the amount he spent or be obliged
to refund it.

22. The subscription of Rupees 210 for
a Dulack Store appears irregular, but the
item is small and requires no further notice.

23. Of the different items above noticed
in detail those which appear to demand
special remarks are as follows.

I. Earthwork on which there was a
large an excess. After making every al-
lowance for the occurrence of unexpected rock
and for the manner in which the work is
said to have been hurried on, I cannot but
conclude that the excess is mainly attrib-
utable to negligence or incompletion in those
who superintended the work.

II. The Double System Shire faulted
as clearly appears through bad work due to
carelessness or want of skill in the Overseer.

III. The charges or rather the overcharges
for "Sundry works" and "Sundries" admit of
no excuse or palliation, and the slovenly
manner in which the accounts appear to
have been kept (if any accounts at all
were kept at the time) is most disre-
ditable.

24. Major Greenaway took charge
9.

of the District in April 1860, up to which time about 6092 Rupees had been expended on the work for excavation. During his interim, beyond the excavation of the entire length of the Channel was completed to its full depth but with reduced width and the principal masonry works were built. Captain Pittard was Officer of the Range and Sergeant Jack Ouseer in the work.

25. Overseer Jack's supervision was evidently most ineffective, whether it arose from negligence or incompetency. His neglect of his accounts was disgraceful.

26. Captain Pittard, the Range Officer, although he is stated to have frequently measured the work, appears to have failed to make any thorough examination or comparison of the progress with the expenditure, and he unquestionably neglected his duty in not exercising a more effective control over his Subordinate, and seeing that his accounts were properly kept.

27. I cannot hold the District Engineers altogether free from blame; for these long continued irregularities on an important

important work at no great distance from their Head Quarters ought to have sooner attracted attention and have been put a stop to.

28. It is a more pleasing duty to have to bring to the favorable notice of Government the merits of Overseer Whiffen. The only part of the work in which there was a saving was the enlargement of the Jaffer Sab Channel, in which he was employed, and this saving is reported to be due to his good management and attention to his work. This is not the first time that Mr. Whiffen has been favorably noticed, and I would beg that he may receive some mark of approbation on the part of Government.

29. However much the irregularities, above noticed, are to be regretted, they do not affect the question of the usefulness of the work, and the necessity for its proper completion. For this completion the supplemental estimate now submitted provides, and I would beg strongly to urge the sanction of its amount vizt 25,182-13-6 and the entry of the item (less what will be expended of the balance in hand on the 1st of May last during the current year) in the Budget for 1863-64.

30. This Supplemental Estimate as explained in paragraphs 16 and 17 of Captain Mullins No. 1235 provides for the completion of the excavation of the channel to its full width. For turping for certain drainage works, and for the construction of 2 (or 3) additional Siphons. All these works appear to be necessary, the Estimate seems to have been carefully framed, after full consideration of all the requirements of the works, and will, I believe, suffice to complete it effectually, and under the improved circumstances now available in Nellore without any risk of further excess.

31. The District Engineer in August last reported that materials for the Siphons had been collected in anticipation of sanction, that the work had been commenced and made considerable progress, and deprecated its suspension as it would prove a hindrance to cultivation and eventually enhance the cost. He also requested to be allowed to proceed with the turping at once, it being the only fit season for such work. Under the

the circumstances represented, and having first ascertained that the cost of these works would fall far short of the balance remaining of the sanctioned estimate, I authorized him to proceed with so much of the work.

I have the honor to be
Sir,

Your Most Obedient Servant

Northern Circle Office
Chesapeake
4th November 1862
G. J. Mullins
Deputy Chief Engineer.
Northern Circle.

26

Colonel W. J. Bridwood P.E.
Secretary to Government.
G. J. M.

Chas. H. Appleby

Proceedings of the Montreal Convention
under date the 1st December 1852-

Recd the following letter
from the Dy. Chief Engineer
at Circé.

Forwarding for examination
a supplementary estimate con-
amounting to £25182-13-4
for the Surveying work in
the Nelson Strait, and offering
observations thereon -

176 E-L Nov 22, 1851

This is one of the numerous
cases in which, owing partly to
neglect, partly to indifference
on the part of the superintending
officers, a large sum of
expenditure has been incurred
without proper authority. The
same mistaken principle
to hold the Governor of each colony
responsible for the Government
money expended without sanction
& absolutely frittered away,
and while the Govs are prepared
to admit that he ought to be
punished, they are by no means
disposed to pass over the conduct
of the District Engineer, Major
Greenaway, & his subordinate
Capt. Richardson. The latter
officer had immediate charge
of the work, & appears most
to blame for the irregularities
which have taken place. The

It would perhaps be well
that the District Eng. & other
subordinates should be made
aware of the result of their work
before future certificates follow
cautiously & not too late.

[Signature]

To Mr. D. D. D. D.
of the Surveying
Nov 23 1851
J. H. C. L. M. D. D.
Dy. Chief Engineer
at Circé

To Colonel R. C. D. D. D. D.
Secretary to the Admiralty

Total 4th
Specimen 3rd } December
1851

Enclosed 1st 5th
1st 5th 1851
Showing for examination
a supplementary estimate
amounting to £25182-13-4

for the Surveying work
in the Nelson Strait
and offering observations
thereon -

1851

1851

their subordinates of the
results which will for the
future certainly follow
carelessness and neglect
in the execution of
their duties

1771. 1862. Department
of the Chief Justice

1771. 1862. Department
of the Chief Justice
of 8. December 1862

From the Dy. Ch. J. 1862
of 15 Dec 1862 Cr 3775
From the Dy. Ch. J. 1863
of 1863

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7 Copies

To
The Ch. J. 1862
of 15 Dec 1862 Cr 3775
of 1863