

(1) Number of pages 16

(2) Date of repair 2. 12. 42

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works
DEPARTMENT.

G.O. No. <u>2154</u>	Press Mis. <u> </u>
Dated <u>27. 12. 42</u>	18 <u> </u>

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
26th July 1865.*

No. 651. Read again letter from the Controller Public Works Accounts, No. 669, dated 7th, and recorded in Proceedings of Government 14th July 1865, No. 2,001.

Read also the following letter from Captain A. S. MOBERLY, R. E., Superintending Engineer, 3rd Division, to Colonel C. A. ORR, R. E., Secretary to Government, Public Works Department, dated Bellary, 15th July 1865, No. 78 :—

SIR,

1. With reference to my letter No. 15 of 17th May last, and Government Orders as per margin, I have the honor to submit a plan of the whole project for a channel to the Native Infantry goontah and branch channel to tank in the

fort ditch, with longitudinal section from the tunnel near the Parade Ground, where the channel at present terminates, and plan and sections of the bund raised across the valley.

2. Near No. 22 boundary stone of this Cantonment is an old ruined tank :

No. 163 of 23rd February 1864, to the Deputy Assistant Quarter Master General, Ceded Districts, and attached to G. O. No. 703 of 8th March 1864.

Rupees 8,000.

Captain Fischer, as far as I can understand, proposed to repair it, dig a channel from it, put a bund to catch the drainage that comes from the west, and then, by means of another channel, to convey the water into the goontah in the Native Infantry Lines. The estimate for this work with subsidiary masonry works was submitted by my predecessor with letter No. 17 of 19th May 1864 ; it is stated that four plans were sent with the letter, but I cannot find out what these plans were.

3. In G. O. No. 2,793 of 26th September 1864, sanction was granted for Rupees 1,500 for cutting a branch channel from the above sanctioned one to convey water to the tank in the Bellary fort ditch. This estimate was forwarded by Captain Fischer to this Office on the 28th July, 1864, but was returned for correction by Colonel Hemery, with a letter No. 681 of 15th August 1864, in which Colonel Hemery said that he did not understand the item for tunnels, and desired

A copy of this estimate is attached, marked B.

that the number and cost of each tunnel should be shown, and remarked that the item for blasting stone was very vague. No answer or corrected estimate were received from Captain Fischer, who appears then to have submitted the estimate through the Division.

4. If this irregularity had not happened, the omissions and mistakes would most likely have been observed and rectified, and it would not have been necessary to submit a revised estimate. It is almost impossible to make a comparative statement as Captain Fischer's estimate is so vague.

5. The omissions and mistakes are that no provision was made for disposing of the drainage from the ground to the south of the branch channel where it crosses the plain ; that the levels were only taken as far as the European Parade Ground, instead of being continued past the Rev. Mr. Doyle's house, where a slight cutting is required ; and, as regards the tunnels, the entry of 160 superficial feet of tunnel at 10 Rupees per superficial yard, instead of calculating the cost of each tunnel separately, and making no mention of the number and lengths of the tunnels. The only information that appears to have been given of the dimensions of the tunnels proposed on this line is that they were "to be

Memorandum marked A.

"3 feet wide with a fall of one foot through them on the length on their rough stone aprons."

6. A slight deviation has been made from the line proposed by Captain Fischer, on account of its being found that the width of the road would be so much lessened as to make it dangerous unless a parapet wall was built, and as the owner

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26th July 1865.*

of the house occupied by Captain Winslow, H. M.'s 21st Fusiliers, gave his consent to the channel being taken inside the compound the channel was taken over to the east side, and one long tunnel built instead of three smaller ones.

7. Shutters are also required for the tunnel marked T, so that when the small tank under it is filled the supply may be passed down the channel leading to the tank in the fort ditch; the cost of these

Survey plan.

has been included in the revised estimate, as also for masonry works to admit the drainage referred to in paragraph 5.

8. The rate for masonry is 3 Pie a cubic foot higher than the usual rates, in consequence of the stone quarried from the channel to the Native Infantry goontah having been used instead of flat burnt stone, which it was found required more chunam than would have been requisite for burnt stone.

9. In G. O. No. 3,351 of 22nd November 1864, sanction was given for raising the bank of the supply channel to the goontah in the Native Infantry Lines; the papers regarding this appear to have passed to Government through the Division, and not

No. 385 of 5th October 1864.

No. 118 of 11th May 1865.

Fischer says that he prepared and sent down an estimate amounting to Rupees 3,500 for this work, but, on inquiry at the Range Office, I cannot hear of any estimate

No. 11 of 13th May 1865.

on the records. Certainly no estimate for this work was received in this Office, and the only document that I can find on my records from Captain Fischer, connected with this work, is a letter a copy of which I enclose.

No. 77 of 5th October 1864, marked C.

10. The estimate for this work, viz., Rupees 9,700, was submitted with my letter No. 201 of 1st April 1865, and was sanctioned in G. O. No. 1,186 of 2nd May 1865. As regards the rate, Lieutenant

* Paragraph 4 of G. O. No. 1,384 of 22nd May 1865.

Paragraph 6 of Lieutenant Pennefather's letter No. 126 of 1st, and paragraph 3 of No. 137 of 2nd June 1865, marked E.

the work done quickly, and also on account of the extra distance and height.

No. 118 of 11th May 1865.

he had arranged for: I do not understand what Captain Fischer means, as the only alterations I ordered were to make the rear slope 3 to 1 in place of 2 to 1, and to reduce the width of bank from 9 to 6 feet, as I considered 9 feet, as ordered by Captain Fischer, unnecessarily broad.

No. 3,035 of 20th April 1865.

to have the revetment of the upper part of the bank of a different slope than the lower part; of this I had not heard until I received the G. O. to which Captain

No. 1,186 of 2nd May 1865.

Vide document marked D.

11. Captain Fischer, in paragraph 2 of his letter to you, states that I gave instructions to alter every thing which alterations I ordered were to make the rear slope 3 to 1 in place of 2 to 1, and to reduce the width of bank from 9 to 6 feet, as I considered 9 feet, as ordered by Captain Fischer, unnecessarily broad. From paragraph 9 of his letter to you I gather that he had given instructions Fischer's letter is attached. The sections of the bund as first made, with the raising, as ordered by Captain Fischer and myself, will show what is the difference between our proposals; the top section is the one

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26th July 1865.*

on which the bank is being now formed. As regards alterations, I would remark that Captain Fischer himself is the one who made alterations: I enclose his estimate for a calingulah together with a plan and section taken from Captain Fischer's own sketch, on which they have been built, but in no way corresponding with the estimate, the wing-walls have no foundations and are beginning to give way, whereas in the estimate foundations are entered.

Marked F.

12. With reference to paragraph 1 of G. O. No. 1,479, of 1st June 1865, I now submit a revised estimates in comparative form, for raising the bank only one yard and the calingulahs half a yard, and have calculated the rates for Sapper labor, the saving you will observe is Rupees 4,700.

13. With regard to paragraph 1 of G. O. No. 1,384 of 22nd May 1865, I beg to point out that I had already reported that the estimate of Rupees 1,500 for cutting a branch channel to the tank in the fort ditch had been exceeded.

No. 15 of 17th May 1865.

14. As regards paragraph 2 of the same Order, requesting me to state distinctly why Captain Fischer's instructions to make use of the stone taken from the channel cutting to pitch the interior slope of the embankment were not attended to, instead of the more expensive burnt stone being employed for the purpose, I beg to inform you that Lieutenant Pennefather states that he has "been unable to trace Captain Fischer's instructions concerning the stone, either to one of the Departmental Subordinates, or to either of the Sapper European Non-Commissioned Officers in supervision of the work. The sole instructions appear to have been verbal ones to Corporal Swallow, to use the quarried stone for the tunnels of the branch channel, which instructions have been followed out;" the consequence of doing this is shown in paragraph 8. With respect to the latter part of the paragraph, I would observe that most of the stones are large boulders, too large and unshapely for pitching the interior slope, and almost useless for any thing unless trimmed; some of them might have been used in the apron of the calingulah; but this was built previous to my arrival at Bellary, and I believe was completed before Captain Fischer left. Lieutenant Pennefather states that he thinks it will be found more expensive on account of the distance and nature of the soil, which is black cotton, to cart the chippings for the repair of the Cantonment roads than to break up stone nearer the work and have the shorter distance to cart it; I have however directed him to try the experiment, and report the difference. As however the quantity of chippings is not very great, the saving to the estimate, if it is found to be cheaper, will be very small.

Vide letter marked E, No. 137 of 2nd June 1865.

15. It is impossible to tell what has been really the cost of this work as, not only have the Sappers been receiving working batta from both the Military Paymaster and Public Works Department, as reported in my letter No. 58 of the 4th instant, but previous to November no account had been kept as to the exact number of Sappers employed on each work; the return of Sapper labor for the month appears to have been submitted by the Officer who then commanded the Detachment in a lump total, and it was only on my writing to him in November that he gave a statement of the numbers employed on each work, and the first return received in this form was for the month of November, previous to that time it was received in the lump, and distributed apparently as Captain Fischer thought best.

No. 331 of 2nd June 1865.

16. In a letter to me, Captain Fischer at the end states that if he had been present nothing of the kind would have been permitted. I do not consider that it is fair to try and throw the blame on others, particularly as the expenditure on the channel to the Native Infantry goontah to the end of September (Captain Fischer left on the 14th October) was Rupees 12,850 or Rupees 4,850 in excess of his original estimate. I can only suppose that Captain Fischer would have reduced his bill by making deductions,

*Proceedings of the Madras Government, Public Works Department,
26th July 1865.*

No. 3,035 of 20th April 1865.

stores which had not been purchased by funds provided for these estimates, and the sale proceeds of which could not, therefore, have been fairly applied to the reduction of these bills. I trust that Government will not consider that I am unnecessarily raking up matters, but I think I am bound to see that those under my orders are not unjustly blamed.

No. 3,035 of 20th April 1865.

old ruined tank in this official year, and any repairs this might have required, could have been sanctioned at a subsequent period. I had understood that his channel started from this tank, and it was necessary, therefore, that it should be in proper order, and even if I had known that it was his intention not to have put it into repair, I should have ordered its repairs to be included, in order that the whole cost of the work might be known.

18. As Captain Fischer seems to think that I have injured him by only sending an extract of a letter instead of the whole, I now beg to enclose original letters* from him on the subject of these works, with Lieutenant Pennefather's explanations. I did not submit the whole letter as paragraph 3 was a mere difference of opinion: Captain Fischer says in that paragraph "even before I came away the leakage down the walls was no longer complained of;" he seems to forget that there was no rain between the date of his making the alterations and departure, but it has been brought to my notice that during the rains in April and May there was leakage.

No. 652.

ORDER THEREON, 26th July 1865, No. 2,154.

MILITARY WORKS, No. 46.

1. After a careful perusal of these letters and of the previous correspondence the Government see no reason to modify their Orders of the 2nd May 1865, No. 1,186.

2. It is observed that a very great part of the excess† expenditure on the channel from the ruined tank near Bellary to the goontah in the Native Infantry Lines, was incurred while Captain Fischer was in charge of the work, and he has failed to show that his estimates of the cost of that work, of its branch to the fort ditch, and of its improvement by raising the crest of its calingulah and heightening its embankment, were not all equally erroneous and carelessly prepared.

3. The Government do not consider it necessary to sanction the revised estimate referred to in paragraph 12 of Captain Moberly's letter, but they expect that the work will be carried out with all possible regard to economy.

4. Captain Moberly will report at an early date whether the works in question have had the beneficial effect expected of them, in bringing water to the Native Infantry goontah and to the tank in the fort ditch.

(True Extract.)

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

To the Superintending Engineer, 3rd Division.
" Controller of Public Works Accounts.
Exd. S. I. Augustin.

such as he hints at in paragraph 5 of his letter to you, viz., that he would have sold the old tools and unserviceable

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No. 78.

Supp. Engineer's Office, 3rd Division
Bellary, 15th July 1865.

From

Captain A. S. Moberly, R. E.

Supp. Engineer, 3rd Division

To

The Secretary to Government

Public Works Department.

Sir,

No. 1,384 of 22nd May 1865

No. 1,479 of 1st June 1865

No. 1,717 of 26th June 1865

With reference to my letter No. 15 of 17th May last and Government Orders as per margin, I have the honor to submit a Plan of the whole project for a Channel to the Native Infantry Goontah and branch channel to Tank in the Fort Ditch with longitudinal section from the tunnel near the Parade Ground where the channel at present terminates and plan and sections of the bund raised across the Valley.

2. Near No. 22 boundary stone of this Cantonment is an old ruined Tank. Captain Fischer, as far as I can understand, proposed to repair it, dig a channel from it, put a bund to catch the drainage that comes from the west and then, by means of another channel, to convey the water into the Goontah in the Native Infantry Lines. The estimate for this work with subsidiary masonry works was submitted by my Predecessor with letter No. 17 of 19th May 1865; it is stated that 4 Plans were sent with the letter, but I cannot find out what these Plans were.

No. 1,613 of 23rd July 1864

No. 1,717 of 26th June 1865

No. 1,717 of 26th June 1865

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3. In G.O. No. 2,793 of 26th September 1864 sanction was granted for Rupees 1,500 for cutting a branch Channel from the above sanctioned one to convey water to the Tank in the Bellary Fort Ditch. This Estimate was forwarded by Captain Fischer to this Office on the 28th July 1864, but was returned for correction by Colonel.

3. In G.O. No. 2,793 of 26th September 1864 sanction was granted for Rupees 1,500 for cutting a branch Channel from the above sanctioned one to convey water to the Tank in the Bellary Fort Ditch. This Estimate was forwarded by Captain Fischer to this Office on the 28th July 1864, but was returned for correction by Colonel.

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Henry with a letter N^o 601 of 15th August 1864, in which Colonel Henry said that he did not understand the item for Tunnels and desired that the number and cost of each Tunnel should be shown and remarked that the item for blasting stone was very vague. No answer or corrected Estimate were received from Captain Fischer, who appears then to have submitted the estimate through the Division.

4. If this irregularity had not happened the omissions and mistakes would most likely have been observed and rectified and it would not have been necessary to submit a revised Estimate. It is almost impossible to make a comparative Statement as Captain Fischer's Estimate is so vague.

5. The omissions and mistakes are that no provision was made for disposing of the drainage from the ground to the south of the Branch Channel where it crosses the plain, that the levels were only taken as far as the European Parade Ground instead of being continued past the Rev^d Mr. Doyle's house, where a slight cutting is required; and, as regards the Tunnels, the entry of ¹⁶⁰⁰~~1600~~ feet of Tunnel at 10 Rupees ^{per}~~per~~ yard, instead of calculating the cost of each Tunnel separately, and making no mention of the number and lengths of the Tunnels. The only information that appears to have been given of the dimensions of the Tunnels proposed on this line is that they were to be 3 feet wide with a fall of one foot through them on the length on their rough stone aprons.

6. A slight deviation has been made from the line proposed by Captain Fischer on account of its being found that the width of the road would be so much lessened as to make it dangerous unless a parapet wall was built and as the owner of the house occupied by Captain

a copy of this estimate is attached marked B.

Memorandum marked A.

Winkler, H. M^o 21st Fusiliers gave his consent to the Channel being taken inside the Compound the Channel was taken over to the East side and one long Tunnel built instead of three smaller ones.

7. Shutters are also required for the Tunnel marked T so that when the small Tank it is filled the supply may be passed down the Channel leading to the Tank in the Fort Bitch; the cost of these has been included in the revised Estimate, as also for masonry works to admit the drainage referred to Para 5.

8. The rate for masonry is 3 pie a cubic foot higher than the usual rates, in consequence of the stone quarried from the Channel to the Keatis. Infantry Gunstone having been used instead of flat burnt stone, which it was found required more chiselling than would have been requisite for burnt stone.

9. In G. O. N^o 3351 of 22nd November 1864, sanction was given for raising the bank of the supply channel to the Keatis in the N. S. Lines; the papers regarding this appear to have passed to Government through the Division and not through this Office. In his letter to the Deputy Assistant Quarter Master General, Captain Fischer states that the estimated cost of this work is under Rupees 3,000, if entirely executed by the Sappers. In Para 2 of his letter to you Captain Fischer says that he prepared and sent down an Estimate amounting to Rupees 3,500 for this work, but on inquiry at the Range Office, I can not hear of any Estimate having been prepared, and, as mentioned in my letter, no rough calculations for this approximate Estimate can be found on the records. Certainly no Estimate for this work was drawn in this Office and the only document that I can find on my records from Captain Fischer connected with this work is a letter,

my Plan.

9th October 1864

11th May 1865

9th May 1865

5th October 1864

a copy of which I enclose.

10. The Estimate for this work viz: Rupees 9,700 was submitted with my letter No. 201 of 1st April 1865 and was sanctioned in S.O. No. 1186 of 2nd May 1865.

As regards the rate, Lieutenant Pennafather states that he entered 6 Annas per Cubic yard, not knowing that it was intended that only Sapper labour should be employed and as he expected to be obliged to call in Wuddens in order to get the work done quickly and also on account of the extra distance and height.

11. Captain Fischer, in para. 2 of his letter to you, No. 110 of 11th May 1865 states that I gave instructions to alter every thing which he has arranged for. I do not understand what Captain Fischer means as the only alterations I ordered were to make the rear slope 3 to 1 in place of 2 to 1 and to reduce the width of bank from 9 to 6 feet, as I considered 9 feet, as ordered by Captain Fischer, unnecessary.

From para. 9 of his letter to you I gather that he has given instructions to have the revetment of the upper part of the bank of a different slope than the lower part; of this I had not heard until I received the S.O. to which Captain Fischer's letter is attached.

The Section of the bund as first made with the raising as ordered by Captain Fischer and my self will show what is the difference between our proposals; the top section is the one on which the bank is being now formed. As regards alterations I would remark that Captain Fischer himself is the one who made alterations. I enclose his Estimate for a Calingulah together with a Plan and Section taken from Captain Fischer's own sketch, on which they have been built but in no way corresponding with the estimate, the Wing walls have no foundations and are beginning to give way, whereas in the Estimate foundations are entered.

12. With reference to para. 1 of S.O. No. 1479 of 1st

Para. 4 of S.O. No. 1384 of 22nd May 1865.
Para 6 of Lt. Pennafather's letter No. 126 of 1st and Para 3 of No. 137 of 2nd June 1865.
Marked B

No. 3035 of 20th April 1865

No. 1186 of 2nd May 1865.
vide document marked D.

Marked F

June 1865. I now submit a revised Estimate in comparison for raising the bank only 1 yard and the balingulah 1/2 yard and have calculated the rates for Sapper labour. The saving you will observe is Rupees 4,700-0-0.

13. With regard to para. 1 of S.O. No. 1384 of 22nd May 1865, I beg to point out that I had already reported that the estimate of Rupees 1,500 for cutting a branch channel to the Tank in the Fort Ditch had been exceeded.

14. As regards para. 2 of the same order requesting me to state distinctly why Captain Fischer's instructions to make use of the stone taken from the channel cutting to pitch the interior slope of the embankment were not attended to, instead of the more expensive burnt stone being employed for the purpose, I beg to inform you that

Lieutenant Pennafather states that he has been unable to trace Captain Fischer's instructions concerning the stone, either to one of the Departmental Subordinates or to either of the Sapper European Non-Commissioned Officers in supervision of the work. The sole instructions appear to have been verbal ones to Corporal Swallow to use the quarried stone for the tunnels of the branch channel, which instructions have been followed out; the consequence of doing this is shown in para. 8. With respect to the latter part of the para. I would observe that most of the stones are large boulders too large and unsuited for pitching the interior slope and almost useless for anything unless trimmed; some of them might have been used in the apron of the balingulah; but this was built previous to my arrival at Relbar and I believe was completed before Captain Fischer left. Lieutenant Pennafather states that he thinks it will be found more expensive on account of the distance and nature of the soil, which is black cotton to cart the chippings for the repair of.

vide letter marked E. No. 137 of 2nd June 1865

the Cantonment roads than to break up stone near the work and have the shorter distance to cart it; I have however directed him to try the experiment and report the difference. As however the quantity of Chippings is not very great, the saving to the estimate, if it is found to be cheaper, will be very small.

15. It is impossible to tell what has been really the cost of this work as, not only, have the Sappers been receiving Working Batta from both the Military Paymaster and Public Works Department as reported in my letter N^o 58 of the 6th instant, but previous to November no account had been kept as to the exact number of Sappers employed on each work; the return of Sapper labor for the month appears to have been submitted by the Officer who then Commanded the Detachment in a lump total and it was only by writing to him in November that he gave a Statement of the numbers employed on each work and the first return received in this form was for the month of November - previous to that time it was received in the lump and distributed apparently as Captain Fischer thought best.

16. In a letter to me Captain Fischer at the end states that if he had been present nothing of the kind would have been permitted. I do not consider that it is fair to try and throw the blame on others, particularly as the expense due on the Channel to the R. S. Estimate to the end of September (Captain Fischer left on the 14th October) was Rupees 12,850 or Rupees 4850 in excess of his original estimate. I can only suppose that Captain Fischer would have reduced his bill by making deductions such as he hints at in para 5 of his letter to you, viz: that he would have sold the old tools and unmovable stores which had not been purchased by funds provided for these Estimates and the sale proceeds of which could not therefore have been fairly

N^o 331 of 2nd June 1865.

N^o 5085 of 20th April 1865.

N^o 5085 of 20th April 1865.

N^o 398 of the 12th June 1865.

To be returned.

11 applied to the reduction of these Bills. I trust that Government will not consider that I am unnecessarily raising up matters, but I think I am bound to see that those under my orders are not unjustly blamed.

17. In para 8 of his letter to you Captain Fischer states that there was no occasion to provide any thing for the old ruined Tank in this official year, and any repairs this might have required, could have been sanctioned at a subsequent period. I have understood that his Channel started from this Tank and it was necessary therefore that it should be in proper order and even if I had known that it was his intention not to have put it into repair, I should have ordered its repairs to be included, in order that the whole cost of the work might be known.

18. As Captain Fischer seems to think that I have injured him by only sending an extract of a letter instead of the whole, I now try to enclose original letters from him on the subject of their works with Lieutenant Pennycuik's explanations. I did not submit the whole letter as para 3. was a mere difference of opinion. Captain Fischer says in that para: "even before I came away the leakage down the walls was no longer complained of"; he seems to forget that there was no rain between the date of his making the alterations and departure, but it has been brought to my notice that during the rains in April and May there was leakage.

I have &c
A. S. Webb Captain R. S.
Supy Engineer 3rd Division

6215437

Under date the 26th July 1865

Read also the following

Reposting upon the Channel
from the ruined Tank to the Ponds
near the Native Infantry Lines and the
Branch Channel leading into the Tank
in the Fort Ditch of Bellary.

Hereafter 15 July 1865
to 78

After a careful perusal
of their letters & of the previous cor-
respondence the Government see
no reason to modify their orders of
the 2^d May 1865, No 1126.

It is asserted that a very great part of the exp^enditure on the Channel from the ruined Tank near Bellary to the Gornah in the Native Infantry lines was incurred while Capt^m Tichet was in charge of the work, and he has failed to show that his estimates of the cost of that work, of its branch to the Fort ditch, & of its improvement by raising

Para 16 of L. Inyo's letter

now

Wm 1865 Dec 18.
from 61 No. 2661
The Hon. Secy of War
Washington
for Secretary to Government

Dated 15th
Decr 18 3rd July 1885

March 14. 1881

Reporting upon the Slave
rail from the House of
to the Committee relative
to the Slave and the Slave
Chambers leaving with the
in the North West of Albany

22nd July 1865 D. 22nd

~~21571~~ 21571-26 July 1865

15

the Crest of its Calingulah &
heightening its Embankment,
were not all equally erroneous &
carelessly prepared.

The Government do not consider it necessary to sanction the revised estimate referred to in Para 12 of Capt. Duthie's letter, but they expect that the work will be carried out with all possible regard to economy.

Command Capt. Moberly will report at an early date whether the works in question have had the beneficial effect expected of them in bringing water to the Native Infantry hospital and to the Tanks in the Fort Ditch.

W.B.

6 3. The Dr: on Hutto & Enclor: vs Survey Plans.
4. ^{Comptroller} ~~Military Department~~
Sept 27th July

20
1865
No. 1865 Depo
No. of Govt for July

67:2154
No. of the In Govt
26 July/65

from the Controller of M
accounts of 2 Aug/65 v.
2892
2000/65
3661/65

Passing orders on
letter from the Superintending
Engineer of the 3rd Division Pub.
writing with certain remarks
a plan &c. of the whole project
for supplying the Native
Infantry at Bellary with
Water

No. 657, 652

Wm. D. Jones