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(2) Date of repair 8-1-43

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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 467	Press
186-187	~~Mis.~~
Dated 7-2.	1866.

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,
7th February 1866.*

No. 186. Read the following letter from the Consulting Engineer for Irrigation and Canal Company, to the Secretary to Government, Department Public Works, dated Madras, 23rd January 1866, No. 144 :—

1 Letter in original from Agent, No. 526, without date.
3 Estimates.

1. I have the honor to forward, for the consideration of Government, a letter No. 526, without date, from the Agent and Manager Madras Irrigation and Canal Company, together with the Chief Engineer's letter, No. 1,191 of the 12th instant, forwarding revised estimates for the Office and Store buildings in the Nagatore Division, or 4th Section of the Main Canal.

2. These buildings are situated at Puggydial and Jupád, and for the former, consisting of an Office and a separate Store-room, Rupees 3,030 were sanctioned in Government Order No. 1,852 of the 24th June 1864. The additional amount for which sanction is now asked is Rupees 947-7-7, and the buildings are represented as finished, and this is the case with the exception of the verandah of the Store building, which has its rafters covered only with a thin bamboo matting instead of with Cawnpore roofing. The only information given with regard to the excess expenditure is that the Office cost Rupees 2,012-4-8, instead of Rupees 1,780, and that the outlay on the Store-room has been Rupees 1,412, instead of Rupees 1,250, the sanctioned amount. In addition to this, however, there has been an expenditure of Rupees 553-2-11, which in the Memorandum termed a supplemental estimate is called "proportion of stores and store charges;" but works are debited with the value of stores actually issued to them only, and the store charges alone are debited ratably, and as the Progress Report for October shows that the store charges so debited amount to Rupees 47-9-0 only, the actual expenditure upon the buildings, exclusive of these, is Rupees 3,929-14-7, showing an excess of 30 per cent. on the amount of the sanctioned estimate.

3. The Chief Engineer speaks of the Office as a permanent, and of the Store as a temporary, building, but this is incorrect, as will be seen on referring to paragraph 2 of the letter from this Office, No. 21 of the 10th June 1864. Proceedings of the Madras Government No. 1,852, 24th idem.

4. At Jupád one building was sanctioned for both Office and Store purposes, and was originally estimated to cost Rupees 2,240.* This amount was raised to Rupees 2,444 by the additional sanction given in Government Order No. 3,576, 14th December 1864. The revised estimate now submitted raises the expected cost of the buildings to no less than Rupees 6,517-14-1, and the information afforded by the estimate and document prepared in the form of a comparative statement shows that the cost of completing the building will be

The money already spent is
The stores and store charges are

RS.	A.	P.
1,343	0	0
4,910	15	7
263	14	6

6,517 14 1

The work done for the whole of this amount, the sum required to complete excepted, appears to be 268 cubic yards of masonry, the rate for which was originally

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4 Rupees which was increased for a small quantity, 30.9 cubic yards, to Rupees 6 in the supplemental sanction* above referred to. The rate now allowed for the masonry yet to be done is Rupees 4-8-0, so that in estimating the value of the work done, if the whole quantity be allowed for at 6 Rupees, the allowance may be considered sufficiently liberal.

Then 268 cubic yards at 6 Rupees	1,608
The value of the materials on hand is stated to be	127
The doors and windows cost	445
And out of Rupees 229-3-11 entered for contingencies in the estimate as previously revised it may be enough to allow 10 per cent. on the sum of these items, or say	230
Total	2,410

which amount is the most which can be considered to represent work done out of the Rupees 4,910-15-7 reported as expended, leaving Rupees 2,500 unaccounted for.

5. The Government have recently had, in the supplemental estimates for the earth-works and revetments of the sec. Proceedings Madras Government No. 3,678, then in which these buildings are situated, dated 4th December 1865, such evidence of the entire want of care and of any sufficient control over expenditure, that, in the absence of the Executive Officers who were more immediately responsible, and with the evidence which the enclosed papers afford of the absence of details of this expenditure, it has appeared useless to ask the present Chief Engineer for any additional explanations, and those which he has given at the latter part of his letter on the report of the Assistant Engineer now in charge of the Jupád Range show, notwithstanding his opinion that all the excess is not culpable expenditure, that there was an absence of proper accounting and of any attempt at control, and that the executive arrangements were such as could not do otherwise than ensure the least possible amount of work for the money expended.

6. I beg to recommend the sanction of the Paggidial supplemental estimate, Rupees 947-7-7; but as regards that for Jupád I think it is clear that Rupees 2,500 out of the sum already expended have not been accounted for, and that therefore this amount should be disallowed, and that the entire sanction for this building should accordingly be, in round numbers, Rupees 4,020, a sum for which there need have been no difficulty whatever in providing the accommodation included in the sanctioned plan.

No. 187. ORDER THEREON, 7th February 1866, No. 467.

CIVIL WORKS, No. 20.

1. Under the explanations which are afforded in paragraphs 1 to 3 of this letter, and in accordance with the recommendation in paragraph 6, the Government sanction the additional estimate of Rupees 947-7-7 for the Office and Store buildings at Paggidial in the Nagatore

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Division of the Irrigation Company's Canal. This supplemental sanction will raise the amount of the estimate for these buildings to Rupees 3,997-7-7.

2. In Proceedings dated 20th January 1864, No. 214, sanction was granted for the construction of similar buildings at Jupád, which is also in the Nagatore Division, at an estimated cost of Rupees 2,240, and this amount was subsequently increased to Rupees 2,444 under the further sanction given in Proceedings No. 3,576, dated 14th December 1864. The revised estimate now submitted amounts to Rupees 6,518, or nearly 191 per cent. in excess of the first estimate, and Captain Mullins shows that, valuing the quantity of work which is stated to have been carried out at the most liberal rates, no less a sum than Rupees 2,500 remains unaccounted for out of an alleged outlay of Rupees 4,910-15-7.

3. The explanations which are furnished by the Company's Officers to account for the large excess in the case of the Jupád buildings are altogether unsatisfactory, and it is admitted that a more efficient supervision over the works would have prevented so heavy an outlay. His Excellency in Council fully agrees with Captain Mullins in the views which are expressed by him in paragraph 5, and in passing the supplemental estimate for the buildings in question, he must withhold sanction to the sum of Rupees 2,500, for which a corresponding amount of work cannot be shown, being debited to guaranteed capital.

(True Extract.)

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

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

Exd. S. T. Augustin.

Enclosure 4

1 Letter in original
from agent & Co.
with state
& estimates

Consulting Engineer's Office,
Irrigation & Canal Company,
Madras 23rd January 1866.

N^o 1144.

From

Captain, J. Mullins, R.E.

Counselor for I.C. Co.

To

The Secretary to Government

Department of Pub. Works.

Sir,

1. I have the honor to forward for the consideration of Government the letter, N^o 526, without date, from the Agent and Manager, Madras Irrigation and Canal Company, together with the Chief Engineer's letter N^o 1191 of the 12th instant, forwarding revised estimates for the Office and Store Buildings in the Nagavara Division, or 4th Section of the Main Canal.
2. These buildings are situated at Puzaydial and Inpias and for the former, consisting of an office and a separate store room, Rupees 3030 were sanctioned in Government Order, N^o 1852 of the 24th June 1864. The additional amount for which sanction is now asked is Rupees 947-7-7, and the buildings are represented as finished, and this is the case with the exception of the verandah of the Store building, which has its rafters covered only with a thin bamboo matting, instead of with Cawnpore roofing. The only information given with regard to the excess expenditure is that the office cost Rupees 2012-4-8, instead of Rupees 1500.

1780-00, and that the outlay on the above room has been Rupees 1412, including Rupees 1200, the sanctioned amount. In addition to this however there has been an expenditure of Rupees 552-0-0, which in the Memorandum termed a supplemental estimate is called "proportion of stores and Store charges"; but works are debited with the value of stores actually issued to them only, and the Store charges alone are debited actually, and as the Progress Report for 1864 shows that the Store charges so debited amount to Rupees 47-9-0 only, the actual expenditure upon the buildings, exclusive of these, is Rupees 3939-16-7, showing an excess of 30 per cent on the amount of the sanctioned estimate.

3. The Chief Engineer speaks of the Office as permanent, and of the Store as temporary building, but this is incorrect as will be seen on referring to para 2 of the letter from this Office No. 21 of the 10th June 1864. Proceedings of the Madras Government No. 1352-26th idem.

4. At Supad one building was sanctioned for both office and Store purposes, and was originally estimated to cost Rupees 2240. This amount was raised to Rupees 2446 by the additional sanction given in Government Order No. 3576-14th December 1864. The revised estimate now submitted raises the estimate cost of the buildings to no less than Rupees 6517-16-1

and the information afforded by the estimate and document prepared in the form of a Comparative statement shows that the cost of completing the building will be Rupees 1343-0-0
the money already expended is 4910-15-7
the Stores and Store charges are 263-14-6
6517-14-1

The work done for the whole of this amount, the sum required to complete excepted, appears to be 268 cubic yards of masonry the rate for which was originally 4 Rupees which was increased for a small quantity 30.9 cubic yards, to Rupees 6 in the supplemental sanction above referred to. The rate now allowed for the masonry yet to be done is Rupees 4-8-0, so that in estimating the value of the work done, if the whole quantity be allowed for at 6 Rupees, the allowance may be considered sufficiently liberal.

Then 268 cubic yards at 6 Rupees = 1608
The value of the materials on hand is stated to be Rupees 127
The doors and windows cost 445
and ^{out} of Rupees 220-3-11 entered for contingencies in the estimate as previously revised it may be enough to allow 10 per cent on the sum of these items or say 220
Total 2400

which amount is the most which can be considered to represent work done out of the Rupees 4910-15-7 reported as expended, leaving Rupees 2500 unaccounted

unaccounted for.

5. The Government have recently had, in the supplemental estimates for the earthworks and fortifications of the Section in which these Buildings are situated, such evidence of the entire want of care and of any sufficient control over expenditure, that, in the absence of the Executive Officers who were more immediately responsible, and with the evidence which the enclosed papers afford of the absence of details of this expenditure, it has appeared useless to ask the present Chief Engineer for any additional explanations, and those which he has given at the latter part of his letter on the Report of the Assistant Engineer now in charge of the Jupia Range show, notwithstanding his opinion that all the money is not culpable expenditure, that there was an absence of proper accounting and of any attempt at control, and that the Executive arrangements were such as could not do otherwise than ensure the least possible amount of work for the money expended.

6. I beg to recommend the sanction of the Puggidial supplemental Estimate, Papers 947-7-7; but as regards that for Jupia I think it is clear that Rspees 2,500 out of the sum already expended have not been accounted for, and that therefore this amount should be disallowed.

P.M.G. No. 3676
dated 24 December
1865

disallowed, and that the entire sanction for this building should accordingly be, in round numbers, Rspees 4,020, a sum for which there need have been no difficulty whatever in providing the accommodation included in the sanctioned plan.

I have the honor to be
Sir
Your Most Obedt. Servt.
Wm. Lockhart
Captain R.E.
Consulting Engineer for S.E. Co.

Comptroller

Public Works Department
 No. 167
 Proceedings of the Madras Government
 Under date 7th January 1866.
 Read the following

From
 The Consulting Engineer
 I & Co Company

Forwards for sanction
 Revised Estimates for the Office (Here enter 23rd Jan'y 1866 No. 144)
 and Store Buildings in the
 Nagatoor Division or 4th Section
 main Canal.

Under the explanations
 which are afforded in Paras 1 to
 3 of this letter, and in accordance
 with the recommendation in P.O.,
 the Government sanction
 the additional estimate of
 Rs 947-7-7 for the Office &
 Store buildings at Puggaydial
 in the Nagatoo Division of
 the Irrigation Company's Canal.
 This supplemental sanction will
 raise the amount of the estimate
 for these buildings to Rs 3997-7-7

In Pro. of 20 Jan'y/66.

[Signature]

[Signature]

Copy in accordance with
 3/27. February 10th 1866.

Copy of 19th 1866
 Copy of 19th 1866
 Copy of 19th 1866

The Consulting Engineer
 I & Co Company
 The Secretary to Government
 P.O.

(Total 23rd
 No. 203 Jan'y 1866

Enc: 4

Forwards for sanction
 Revised Estimates for the
 Office and Store Buildings
 in the Nagatoo Division or
 4th Section main Canal.

No. 186

Copy of 19th 1866

31st Jan'y 1866 A. & Co. Secy

No 214, sanction was granted for the construction of similar buildings at Juprad, which is also in the Kagatoru Division, at an estimated cost of Rs 2240, & this amount was subsequently increased to Rs 2464 under the further sanction given in Pro. No 5876 dt 14 Decr 1890. The revised estimate now submitted amounts to Rs 6518, or nearly 191 % Cent in excess of the first estimate, & Capt. Mullins shows that, valuing the quantity of work which is stated to have been carried out at the most liberal rates, no less a sum than Rs 2500 remains unaccounted for out of an alleged outlay of Rs 4910-15-7.

The explanations which are furnished by the Company's Officers to account for this large excess in the case of the Juprad buildings

are altogether unsatisfactory & it is admitted that a more efficient supervision over the works would have prevented so heavy an outlay. His Excellency in Council fully agrees with Capt. Mullins in the views are expressed by him in Para 5, & in preparing the supplemental estimate for the buildings in question, he must withhold sanction to the sum of Rs 2500, for which a corresponding amount of work cannot be shown, & must be debited to guaranteed capital.

To

The Consulting Engineer of Company with four enclosed
Manager Do

Recd 8th February

Copy in a letter to England
D/27 February 10 1866

of 1866 Depo
of Govt for Feb

N. 467

Pro. of the M. Govt
D/7 February 66

Feb 29/66

N. 186. 187