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MADRAS RECORD OFFICE.**Government of Madras.***public works* **DEPARTMENT.**

G.O. No.	126	Press Mis.
257-258		
Dated	13-1-	1866.

Not to be folded or roughly handled

(8)

*Proceedings of the Madras Government, Public Works Department,
13th January 1864.*

No. 257. Read the following letter from Lieutenant-Colonel C. V. WILKIESON, R. E.,
Controller and Auditor of Public Works Accounts, to Colonel C. A. ORR, R. E.,
Secretary to Government, Public Works Department, dated Madras, 5th January
1864, No. 2,166:—

SIR,

1 Government Order, 29th January 1862, No. 74.

1. In reply to G. O. dated 19th December 1863,
No. 3,762, I have the honor to furnish the following
explanation.

2. The two sums of Rupees 750 and 2,000, referred to in paragraph 3 of the above G. O. were omitted by the Superintending Engineer, 1st Division, from the return for May, and were put in by the Divisional Auditor on examination of the local returns in this Office, but the entry thereof in the local return for June was omitted by him to be struck out, and the double entry had thus taken place.

3. The sum of Rupees 2,500, sanctioned in the Supplemental Budget was, with like sanctions in other Districts, shown in the returns furnished by Superintending Engineers, allowed to remain under the impression that these also should be reported to the Government of India, but as upon the explanation given (vide G. O. 9th November 1863, No. 3,257), it was decided that only sanctions from the *bona fide* Reserve are to be shown under that head, such items have not been allowed in subsequent returns.

4. To secure greater accuracy and uniformity in the checking and passing of sanctions as given in the local returns, I have assigned the duty of both examining the local, and compiling the general return to one responsible Auditor, and by this arrangement I expect that the return will in future be free from the discrepancies noted in the G. O. under acknowledgement.

5. The works noted in the margin of paragraph 7 were omitted by the Superintending Engineers in their returns for June. The first, Sur-
To Government 11th December 1863, No. 2,087. vappully Channel, sanctioned on the 1st June 1863, was included in that for May, and the explanation of this Office and that of the Superintending Engineer has already been laid before Government. The three other items have been included in the general return for July, though not brought forward by the Superintending Engineer in his return.

6. The three works referred to in paragraph 8 are entered in the local returns under the head Repairs. They were recommended as such to Government and sanctioned accordingly. The sanctions were given prior to the restriction to the sanction of repairs from the Reserve Fund (G. O. 3rd July 1863), and as they appear in the Reports of Progress as well as in the Appropriation Return under the head of "Repairs," they were accordingly passed as such. The first item, relating to the improvement and repairs to the late Bank premises, was submitted for sanction in two distinct Estimates. For improvements Rupees 1,690, and repairs 1,810, and they are separately entered in the local returns. The second item, collection of materials for repairs of unforeseen breaches in the Godavery Anicut, is taken under "Repairs," as was always hitherto done; and the Estimate for the road from Chingleput to Tirukalikoondrum was recommended as one for repairs, it being an old road. Should the Government however direct these sanctions to be recognized as for new works, the Progress Reports will be altered accordingly in communication with the Superintending Engineers.

No. 74, P. W. D., dated 29th January 1863.

7. A spare copy of the G. O. dated 9th January 1862, No. 73 *Military Department* is herewith forwarded.

8. With reference to paragraph 10, I beg to be informed whether it is the wish of Government that appropriations for emergent works, which local authorities are empowered in certain cases to authorize by the rules in the Code, are not to be included in the returns for Government, until Estimates for them are sanctioned.

9. As respects the appropriations for maintenance of specific lines of road included in the return referred to in paragraph 11, I beg to state that the entries thereof were not made anew in this Office, but were taken from the local returns. Neither the form of the return given by the Government of India, nor the orders passed thereon point out any special direction for the omission of such grants, which have therefore been allowed to remain. Without these entries the total appropriation will appear to be considerably less than the total assignment for repairs, which is also required to be shown. Should the Government direct the omission of such grants for the future their orders will be attended to. It is believed, however, that similar grants were embodied in the Appropriation Returns formerly forwarded by the Chief Engineer.

*Proceedings of the Madras Government, Public Works Department,
13th January 1864.*

No. 258.

ORDER THEREON, 13th January 1864, No. 126.

1. The Controller will be informed with reference to paragraph 6 that the arrangement to be followed in the preparation of the Appropriation Registers has been clearly laid down in the Orders marginally noted.

19th December 1863, No. 3,761.

Paragraph 10 of G. O. No. 3,762, dated 19th December 1863.

2. The reference in paragraph 8 is altogether unnecessary, as the Government has ruled that in really urgent cases works may be proceeded with without Estimate.

3. With regard to the entries in the returns submitted to Government of appropriations for the maintenance of specific lines of communication, Lieutenant-Colonel Wilkieson states that they were not made by his Office, but were taken from the local returns, and that neither the form given by the Government of India, nor the orders passed thereon point out any special direction for their omission. As however no instructions have been received for the inclusion of such appropriations in the returns to be furnished to the Government of India, the Controller will see that they are omitted from all future statements submitted to this Department.

(True Extract.)

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

To the Controller and Auditor of Public Works Accounts,
„ Superintending Engineers.

Exd. S. T. Augustin.

No.

Extract from the Proceedings of the Acting Deputy Chief Engineer, Central Circle,

Under date the February 1862.

Read the following:—

PUBLIC WORKS DEPARTMENT.

Military.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following papers:—

Read the following Proceedings of the Madras Government in the Military Department, dated 9th January 1862, No. 73:—

From the Quarter Master General of the Army, Fort Saint George, 11th December 1861, No. 294, to the Secretary to Government, Military Department.

SIR,

1. I have the honor, by order of the Provincial Commander-in-Chief, to submit for the information of Government, the following Report on the wells in the Lines of the Native Army, as called for in paragraph 2 of the Order of Government, No. 3,413, dated 24th September last, and to paragraph 9 of my letter dated 10th October last.

Centre Division.—At Vellore and Arcot the water abundant and good throughout the year from a tank and wells. Palaveram more wells required.

Northern Division.—Masulipatam, Samulcottah, Vizianagrum, Vizagapatam and Berham-pore, water insufficient, additional wells required in each of these Stations—at present has to be brought from a distance. Cuttack, Chicacole and Dowlaishwaram abundant and good from the river and wells.

Southern Division.—At Trichinopoly water is good, and abundant from wells and from the country channels, some of the wells require repair. Palamcottah, sufficient water from wells which require to be repaired and deepened (at an expense of Rupees 158). Quilon, water abundant at all seasons from wells, several of which require to be repaired and deepened. Estimate of the cost promised.

Mysore Division.—Bangalore and Hurryhur, water good but scanty from wells in the hot months. French Rocks and Mercara good, abundant all the year round.

Ceded Districts.—Bellary, water from wells brackish, fail in the hot season, require deepening and repairs. Kurnool and Cuddapah well supplied.

Hyderabad.—Bowenpilly and Secunderabad, water good but scanty in dry months, wells require to be deepened.

Nagpore.—Kamptee, water from wells abundant and good all the year round, recommends they should be cleared out and cleaned *once a year*, some require deepening. Sectabuldee, water abundant and good all the year round.

Jaulnah.—Water from wells brackish and deficient, all require cleaning and deepening and repair.

Malabar and Canara.—Cannanore, water scanty in the dry season from wells which require to be repaired and deepened. Mangalore, water sufficient and good, wells require repair.

Pegu Division.—Wells in the vicinity of the Native Lines of Rangoon, Thyetmyo, Tonghoo and Moulmein, kept in pretty good order by the Department Public Works, there is often a scarcity of water in the hot months, when it has to be procured from a distance and from rivers.

2. And with regard to that portion of the Proceedings of Government, in which the Chief of the Military Finance Department remarks that the expense of eight Bheasties allowed to the 44th Native Infantry, is Rupees 672 a year, which represents a capital of Rupees 13,000 at 5 per cent.; the Provincial Commander-in-Chief desires me to say, that he understands by this statement that, it is thought that, if the Lines were abundantly supplied with water from wells

made by Government, Bheasties and Puckallies might be discontinued altogether in Regiments, inasmuch, as the cost of the wells would be much less than the pay of the water-carriers. On the march, this argument would of course be untenable, and even in garrison, the Provincial Commander-in-Chief does not consider that it would hold good. Water-carriers are not, and never were, intended to supply water to every individual in the Lines, for it is obvious that one man to every three hundred souls in a Company is quite insufficient for that purpose. So that whether wells are dug by Government or not, that kindness would not enable the Regiment to dispense with the water-carriers, whose duties consist in keeping the water-chatties filled against the contingency of a fire, and various other minor duties connected with the conservancy of the Lines, Hospital, &c.

Referred to the Controller of Military Finance for consideration and report, with reference to Proceedings of Government, No. 3,413, dated 24th September 1861.
16th December 1861.

Memorandum from the Controller of Military Finance, Fort Saint George, 21st December 1861, D, to the Secretary to Government, Military Department.

Letter from the Quarter Master General of the Army, to the Secretary to Government, Military Department, dated 11th Dec. 1861, No. 294.

1. The Controller of Military Finance has the honor, in returning the letter noted in the margin, referred for report 16th instant, with reference to Proceedings of Government, No. 3,413, dated the 21th September last, to submit the following remarks:—
2. The Quarter Master General in this letter under report, enters at length into the present state of the wells and tanks at all the Military Stations in this Presidency, including Pegu. The necessity for an ample supply of good water for the Troops and their families at all Stations, is fully recognized; the only question being how it can best be obtained.
3. In many of the existing wells and tanks in the vicinity of Lines, throughout the country, the water is brackish, or salt, or bad, and its quality cannot be improved by cleaning, or deepening the wells, or sinking new wells in the neighbourhood, as the quality of the water is always a matter of doubt, inasmuch as the fresh, salt or brackish veins are contiguous to each other, so that there is always risk and expense in sinking new wells, and even after being sunk, rather than run the risk of using bad water, the Puckallies and Bheasties are compelled to go to a distance of a mile or more, to wells where the water is known to be pure.
4. At Stations where the water is described by the Quarter Master General as good and abundant, nothing more is required, but at those where it is bad, or insufficient, remedial measures are called for, and the Controller of Military Finance would suggest that the Engineering and Civil authorities at the latter, be requested to take such steps, in communication with each other, as may best conduce to obtain an abundant supply of good water, if practicable.
5. Abundance of good water being essential for the Troops and their families, the Controller of Military Finance is unwilling to recommend the discontinuance of Puckallies or Bheasties, or any reduction in their existing Establishments, even if wells were sunk at the expense of Government, for the reasons assigned in the closing paragraph of the Quarter Master General's letter under report.

ORDER, No. 73, 9th January 1862.

1. Resolved that the foregoing papers be communicated to the Department of Public Works, in view to measures being concerted by the Chief Engineer and the Quarter Master General of the Army, to remedy, as far as practicable, the deficiency in the supply of water in Military Cantonments where most required, within the expenditure authorized for such purpose—Estimates being submitted for sanction for any work in excess.

2. The Governor in Council concurs in the opinion expressed by the Provincial Commander-in-Chief and Controller of Military Finance, that Puckallies cannot be dispensed with.

(True Extract.)

(Signed) R. HAMILTON, Lieut.-Colonel,
Deputy Secretary to Government.

Memorandum from Lieutenant-Colonel THOMAS MCGOUN, Controller of Military Finance, to the Chief Engineer and Secretary to Government, Department Public Works, dated Fort Saint George, 22nd January 1862, F.

The Controller of Military Finance has the honor to state, in reply to Memorandum from the Chief Engineer and Secretary to Government, Department Public Works, dated the 14th January 1862, No. 1, that the sum available for remedying deficiencies in the supply of water in Military Cantonments in this Presidency, is Rupees 1,600, as provided for in the Budget for 1862-63, exclusive of the pay, &c., of the establishment of Puckallies and Bheasties, in Corps, Departments, &c., and for Plunge Baths, Rupees 25,000.

	Rs.
For Extra Bheasties during the hot months.....	1,300
Cleaning wells	300
	1,600

ORDER THEREON, 29th January 1862, No. 74.

1. The foregoing papers will be communicated to the Chief Engineer for early attention.
2. It will be seen from the Memorandum from the Controller of Military Finance that the sum available in 1862-63, for remedying deficiencies in the supply of water in Military Cantonments in this Presidency is Rupees 1,600.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Chief Engr. and Secy. to Govt. D.P.W.

To the Chief Engineer.
" Military Department.

No. 10,300.

Extract from the Proceedings of the Chief Engineer, Department Public Works,
Under date the 7th February 1862.

Read the following Proceedings of Government:—
(Here enter dated 29th January 1862, No. 74.)

1. Ordered that a copy of the foregoing Proceedings of Government be forwarded to the Deputy Chief Engineers of the Northern, Central and Southern Circles, with a request that they will be good enough to instruct the several District Engineers concerned to adopt immediate measures in communication with the Military authorities to remedy as far as practicable the deficiency in the supply of water in Military Cantonments where most required, within the expenditure represented to have been authorized for such purpose during the year 1862-63, and to submit for sanction estimates for any work which may be found necessary in excess of that allowed for.
2. Should funds be required for the above purpose during the remainder of the current year special application should be made accompanied by estimates and full explanation, after communication with the Military authorities.

(True Extract.)

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Chief Engineer.

To the Deputy Chief Engineer, Central Circle.

Office of the Cont^r and Aud^r of P. W. Accounts.
Madras 5th January 1864. (1)

N^o 2166.

From,
Lieut^{nt} Colonel C. V. McKieson R. E.
Controller and Auditor of P. W. Accounts.
To,
Colonel C. A. Orr R. E.
Secretary to Government P. W. D.

Sir,
In reply to G. O. dated 19th December 1863 N^o 3762, I have the honor to furnish the following explanation.
2. The two sums of Rupees 750 and 2,000, referred to in para 3 of the above G. O. were omitted by the Superintending Engineer 1st Division from the Return for May, and were put in by the Divisional Auditor on examination of the Local Returns in this Office, but the entry thereof in the Local Return for June was omitted by him to be struck out, and the double entry had thus taken place.

3. The sum of Rupees 2,500 sanctioned in the Supplemental Budget was with like sanctions in other Districts shown in

District Engineer Presidency.
Do. Madras.
Do. North Arcot.
Do. Cuddapah.
Do. Bellary.
Do. North Canara.
Do. South Canara.
Executive Engineer Bangalore.

Resolved to forward a copy of the foregoing Proceedings of the Chief Engineer together with a copy of the Order of Government alluded to therein to the District Engineers and Executive Engineer noted in the margin for their information and guidance respectively.
(True Extract.)

Lieut.-Colonel,
Acting Deputy Chief Engineer, Central Circle.

Enclosure
Government Order
29th January 1864
No. 2166

Enclosure in a letter from
the Controller is submitted
under G. O. N^o 3762 dated
19th December 1863. The
sanctioning of Rs. 2,500 in the
Supplemental Budget N^o 2166.

in the Returns furnished by Superintending Engineers, allowed to remain under the impression that these also should be reported to the Government of India, but as upon the explanation given (Vide G. O. 9th November 1863 N^o 3257) it was decided that only sanctions from the Bonafide Reserve are to be shewn under that head, such items have not been allowed in subsequent Returns.

4. To secure greater accuracy and uniformity in the checking and passing of sanctions as given in the Local Returns, I have assigned the duty of both examining the Local, and compiling the General Return to one responsible Auditor, and by this arrangement I expect that the Return will in future be free from the discrepancies noted in the G. O. under acknowledgment.

5. The works noted in the margin of para 7 were omitted by the Superintending Engineers in their Returns for June. The 1st Survapully Channel, sanctioned on the 1st June 1863 was included in that for May and the explanation of this Office and that of the Superintending Engineer has already been laid before Government. The three other items have been included in the General Return for July.

To Govt 11th Decr/63
N^o 2087.

though not brought forward by the Superintending Engineer in his Return.

6. The three works referred to in para 8 are entered in the Local Returns under the head Repairs. They were recommended as such to Government and sanctioned accordingly. The sanctions were given prior to the restriction to the sanction of Repairs from the Reserve fund, (G. O. 3rd July 1863) and as they appear in the Reports of Progress as well as in the Appropriation Return under the head of "Repairs," they were accordingly passed as such. The first item, relating to the improvement and repairs to the late Bank premises, was submitted for sanction in two distinct Estimates. For improvements Rupees 1,690, and repairs 1810, and they are separately entered in the Local Returns. The second item, collection of Materials for repairs of unforeseen Breaches in the Godavery Annicut, is taken under "Repairs," as was always hitherto done, and the Estimate for the Road from Chingleput to Tirukaliboondrum was recommended as one for repairs, it being an old road. Should the Government however direct these sanctions to be recognized as for New Works

Works, the Progress Reports will be altered accordingly in communication with the Superintending Engineers.

7. A spare copy of the G.O. dated 9th January 1862 N^o 73 Military Department is herewith forwarded. N^o 74 P. W. D. dated 29th Jan^y 1862.

8. With reference to para 10, I beg to be informed whether it is the wish of Government that appropriations for Emergent Works, which Local Authorities are empowered in certain cases to authorize by the Rules in the Code, are not to be included in the Returns for Government, until estimates for them are sanctioned.

9. As respects the appropriations for maintenance of specific lines of Road included in the Return, referred to in para 11, I beg to state that the entries thereof were not made anew in this Office, but were taken from the Local Returns. Neither the form of the Return given by the Government of India, nor the orders passed thereon point out any special direction for the omission of such grants, which have therefore been allowed to remain. Without these entries the total appropriation will

will appear to be considerably less than the total assignment for Repairs, which is also required to be shewn. Should the Government direct the omission of such grants for the future their orders will be attended to. It is believed however that similar grants were embodied in the Appropriation Returns formerly forwarded by the Chief Engineer.

I have the honor to be Sir,

Office of the Cont^r & Aud^r
of P. W. Accounts.
Madras 5 January 1864.

Your Most Obedient Servant,

Wm. Mieson Esq. Col^l. R. E.
Controller and Auditor of P. W. Accounts.

J.
Colonel C. A. Orr, R. E.
Secretary to Government P. W. D.

Compd. Serv.

Mar 15th 1892

10/10/10

of Justice nor the