(1) Number of pages 32.

(2) Date of repair 23.7.87

(3) Initials of the Reiterencer lows

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W DEPARTMENT

G.O. No. / B.P. No.	3060 W 3061	Press. / Mis.
Dated	30.10.1883	~~198~~

lows.

Not to be folded or roughly handled.

Archives —1 10,006-9 89

3060-W
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following papers :—

G.O., dated 26th September 1883, No. 5231, Military.

Read—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 29th August 1883, No. 5-I. :—

I have the honor, by desire of the Commander-in-Chief, to submit, for the approval and orders of Government, the accompanying correspondence from the Officer Commanding Bangalore Division forwarding plans and estimates for the construction of an entrenchment at Bangalore and of an ordnance depôt to be erected within the defensive post.

No. 258, dated 17th August 1883.
„ 260, „ 18th „ „

2. Adverting to former order of Government as per margin on the subject of the removal of the arsenal from the fort of Bangalore, I am desired to say that, as the site for the entrenchment has now been definitely fixed, Sir Frederick Roberts hopes that Government will accord their sanction to the early commencement of the new ordnance depôt, so that at no distant date the ordnance buildings in the fort may be abandoned, and the unsatisfactory arrangement under which the spare ammunition and ordnance stores of the garrison are kept at a distance from the military station and separated therefrom by a native town may cease.

No. 5130, dated 26th September 1882.

3. Sir Frederick Roberts has, by personal inspection, satisfied himself that no site in the immediate vicinity of Bangalore is so well adapted for the purpose of an entrenchment, and His Excellency strongly recommends the construction of the ordnance depôt during this year, as well as the enclosure, parapet and ditch, at a cost of Rs. 8,000.

4. Sir Frederick Roberts is desirous that this work of constructing the parapet, &c., should be given to the 4th Pioneers, to be undertaken by them on the contract system.

5. This arrangement will not only be financially advantageous to the State, but it will be of the greatest possible benefit to the men, and it is confidently anticipated will instil into the 4th Regiment, Native Infantry, some of that energy and spirit which is so desirable in a corps of pioneers.

6. The Commander-in-Chief is of opinion that, though the well and the duct appertaining thereto are very necessary works to the defensive post, they may for the present be deferred.

Order—dated 26th September 1883, No. 5231, Military.

The plans and estimates for the construction of an entrenchment and ordnance depôt at Bangalore are approved.

2. The question of provision of funds will be considered in the Public Works Department with reference to the recommendation of His Excellency the Commander-in-Chief contained in paragraph 3 of the Quartermaster-General's letter above recorded.

3. The Government approve of the earthwork being given on contract to the 4th Pioneers, tools being provided by the Public Works Department, and payment made at 30 per cent. less than estimated rates, or, should it be considered more desirable, the corps can be remunerated according to the terms laid down in Articles 467 to 479, Pay Code for India, Vol. II.

(True Extract.)

(Signed) E. L. HANKIN, Colonel,
Secretary to Government.

No. 1878 C., Public Works.

Forwarded to the Superintending Engineer, Fifth Circle, for countersignature to the plans and estimates, if details are approved by him.

(By Order.)

(Signed) C. BOWEN, Major, R.E.,
Dy. Chief Engineer, P.W.D.

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 22nd October 1883, No. 2634.

1 Original endorsement, No. 1878 C., dated 5th October 1883.
1 Detailed estimate for fortified post.
1 Abstract of detailed estimate in duplicate.
1 Specification.
1 Plan.
1 Detailed estimate for ordnance depôt.
1 Abstract of detailed estimate in duplicate.
1 Plan.
1 Detailed estimate for laboratory.
1 Abstract of detailed estimate for laboratory.
1 Plan.
1 General report and specification.
1 Letter from the General Commanding Bangalore Division, to the Quartermaster-General, No. 258, of 17th August 1883.
1 Letter from the General Commanding Bangalore Division, to the Quartermaster-General, No. 260, of 18th August 1883.
1 Letter from the Executive Engineer, Presidency, to the Assistant Quartermaster-General, Bangalore Division, No. 3423, of 17th August 1883.

I have the honor to return, with my signature, the plans and estimates sent to me with your endorsement, No. 1878 C., dated 5th instant, for a fortified post, including an ordnance depôt and laboratory, at Bangalore.

2. I have made a slight addition to the plan and estimate by giving a foundation of one layer of stone to the revetment of the parapet in the section on E F. In the bastions too—section on G H—I have carried down the stone revetment, through the made earth, into the ground below.

3. With reference to paragraph 3 of the orders in the Military Department, No. 5231, of the 26th September 1883, I would observe that the stone revetment work should be carried on at the same time as the earthwork, and can be constructed by the pioneers.

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Public Works Department, dated Ootacamund, 15th October 1883, No. 1189.

Adverting to paragraph 2 of O.G., No. 5231, of the 26th September 1883, Military Department, I am desired by the Commander-in-Chief to express a hope on the entrenchment proposed to be constructed at Bangalore.

2. His Excellency considers this work of such importance that he would urge the Government to ask the Government of India to make a special grant for it, should no funds be available from the military budget.

Order—dated 30th October 1883, No. 3060 W., Public Works.

The undermentioned estimates are sanctioned for entry in the budget for 1884-85 :—

	Amount of Estimate. Rs.	Register No.
(1) Constructing a fortified post at Agram, Bangalore	17,470	No. 36 W. of 1883-84.
(2) Constructing an ordnance depôt within the fortified post	14,930	No. 37 W. of 1883-84.
(3) Constructing a laboratory for the ordnance depôt	1,880	No. 38 W. of 1883-84.

2. The Government of India will, however, be requested to make a special grant of Rs. 10,000, if possible, to admit of the works being commenced during the current official year.

3. The question raised in paragraph 3 of the foregoing order in the Military Department will be considered by the Superintending Engineer, Fifth Circle, in communication with the military authorities, on the works being put in hand.

4. These sanctions have been registered as Imperial Ordinary Nos. 36, 37, and 38 W. of 1883-84, and classified as Military, Original Works.

(Here enter No. 3061 W., dated 30th October 1883.)

(True Extract.)

Major, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, Fifth Circle, with thirteen enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Military Department.

Exd. A. Aubert.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated October, 30th.

Recd. *Encl.*

G.O., 30th Oct. 1883, No. 3060 W.

OCTOBER.

Fortified post at Agram, Bangalore

Estimates for constructing a — and an ordnance depôt within the post and a laboratory, sanctioned with remarks.

S. a. W. + B.

I am not quite sure if the proposed draft order meets the case exactly. It is proposed to enter the project in the Supplt of 84/85, but I rather think it may be omitted if a limiting of an urgent character, will take time to complete, & I rather think H. E. the C. in C. must be consulted before the work is started, tho' I am not clear on the point. Besides the 4th Sappers are to be employed on the field works & the military authorities would probably like to set them to work at once. Would there be any chance of S. of S. granting an allotment this year? Could it be in any way regarded as urgent to apply for funds now? I am aware we have already asked for a good deal, & it may be objectionable just now to ask for more, but some action other than this draft order seems desirable.

C.J.
3/10.

Forwarded to H. E. the Commander-in-Chief for orders.

C.J.
3/10

Public Works Department, 1883-8

3060-W/3

Current No. 8398
Letter No. G.O. No. 5231
Dated the 26th Sept. 83
From the Govt. of Madras
Mil. Deft.

NOTE OF REMARKS.

1. The accompanying three estimates, with plans, proposed for works connected with the main design, the construction of a fortified post at Agram, Bangalore:—

Fortification — Rs. 15,100
Ordnance Buildings - Rs. 4,900
Laboratory — Rs. 1,880
Rs. 21,880

2. All the necessary plans and documents have been submitted, and in correct form.

3. Plans and estimates have been countersigned by the Asst. Qr. Mr. General.

2nd Sept/83

B.S.K.

T. There is a gate I see designed which could open either way, probably. The posts at being on cross vertical line. C.J.

Returned for alteration as noted in red ink.

C.J.
3/10

C. No. 8398

P. W. Secretariat.

3060-4

Note by Budget Section.

Work	Remarks and References.
Constructing a fortified post at Agram Bangalore	

Fund Imperial

Service Head Military ... ...

Departmental Head Original Works

Amount of Estimate ... ... Rs. 32,880

Expenditure in previous year ... ... ,, "

Allotment in current year ... ... ,, "

Balance required to complete ... ... ,, 32,880

Total Rs. ———

Note of available funds.

There are no funds available
The project will be entered in the
budget for 1884-85 if desired.

Murray
2/10
Budget ~~Clerk.~~

Note by Budget Section.

PUBLIC WORKS DEPARTMENT.

INDIAN TELEGRAPH. Local No. 601

To (Station) Ootacamund

From (Station) Public Dept. Madras

Words.	Day	Hour.	Minute.
18	22	16	40

OFFICIAL INSTRUCTIONS.

To (Person) Works.

From (Person) Deputy Madras Works

Estimates for fortified post bungalow received to day from Superintending Engineer and despatched Ootacamund

RECD. FROM L. N. At Hrs. Mts., By

SENT TO At Hrs. Mts., By

Date OOTACAMUND 22-10-83 Telegraph Master.

W.
23-10-87

Paper 3

9198

3060/b

C. au.

D.W. approved the completion of the Reg. drafting order, but as he was going away to a Committee, he desired me to send on the fair draft at once for his signature to avoid delay.

To W
K
23/10/83.

Cy 22/10

C.in C. 9.1.58

I presume these papers will be sent to D.S. for C. in C.
They should be marked Secret.

DLS
24-10-83

To W
The works have been approved by

3660/1

by H.E. the C. in C. and the Military Dept.
The draft may therefore, if required, be printed and issued at once.

C.S
24-10-83

Lieut Colonel DLS
24/10

PUBLIC WORKS DEPARTMENT.

Post Copy of Service Message. 3060-61/8

From Madras To Ootacamund.

From Deputy Madras Works To Madras Works.

22nd October 1883.

Estimates for fortified post Bangalore received to-day from Superintending Engineer, and despatched Ootacamund.

(True Copy)

Second Assistant.

P. W. Secretariat.

To

The Chief Assistant, P. W. Secretariat.

Ootacamund.

3060-61
9

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

26th September 1883, No. 5231

Defences—Fortified Posts.

Read the following paper:—

No. 291. *From* Brigadier-General R. C. STEWART, *Quartermaster-General, to* Colonel E. L. HANKIN, *Secretary to Government, Military Department; dated Ootacamund, 29th August* 1883, *No.* 5-*I.*

I have the honor, by desire of the Commander-in-Chief, to submit, for the approval and orders of Government, the accompanying correspondence from the Officer Commanding Bangalore Division, forwarding plans and estimates for the construction of an entrenchment at Bangalore, and of an ordnance depôt to be erected within the defensive post.

No. 258, dated 17th August 1883.
„ 260, „ 18th „ „

2. Adverting to former O.G. as per margin on the subject of the removal of the arsenal from the fort of Bangalore, I am desired to say that, as the site for the entrenchment has now been definitely fixed, Sir Frederick Roberts hopes that Government will accord their sanction to the early commencement of the new ordnance depôt, so that at no distant date the ordnance buildings in the fort may be abandoned, and the unsatisfactory arrangement, under which the spare ammunition and ordnance stores of the garrison are kept at a distance from the military station and separated therefrom by a Native town, may cease.

No. 5130, dated 26th September 1882.

3. Sir Frederick Roberts has, by personal inspection, satisfied himself that no site in the immediate vicinity of Bangalore is so well adapted for the purpose of an entrenchment, and His Excellency strongly recommends the construction of the ordnance depôt during this year, as well as the enclosure, parapet, and ditch, at a cost of Rs. 8,000.

4. Sir Frederick Roberts is desirous that this work of constructing the parapet, &c., should be given to the 4th Pioneers, to be undertaken by them on the contract system.

5. This arrangement will not only be financially advantageous to the State, but it will be of the greatest possible benefit to the men, and it is confidently anticipated will instil into the 4th Regiment, Native Infantry, some of that energy and spirit which is so desirable in a corps of pioneers.

6. The Commander-in-Chief is of opinion that though the well and the duct appertaining thereto are very necessary works to the defensive post, they may for the present be deferred.

No. 292. ORDER THEREON, 26th September 1883, No. 5231.

The plans and estimates for the construction of an entrenchment and ordnance depôt at Bangalore are approved.

2. The question of provision of funds will be considered in the Public Works Department, with reference to the recommendation of His Excellency the Commander-in-Chief contained in para. 3 of the Quartermaster-General's letter above recorded.

3. The Government approve of the earth work being given on contract to the 4th Pioneers, tools being provided by the Public Works Department, and payment made at 30 per cent. less than estimated rates, or, should it be considered more desirable, the corps can be remunerated according to the terms laid down in Articles 467 to 479, Pay Code for India, Vol. II.

(True Extract.)

Colonel,

Secretary to Government.

To the Quartermaster-General.
" Public Works Department, with 16 enclosures (three plans).
" Controller of Military Accounts.
" Adjutant-General, for information.

Exd. E. C. Shunker.

3000-61

Chepauk 5th Oct/83

No 1878C

Forwarded to the Supdg Engineer Fifth Circle for countersignature to the plans & estimates, if details are approved by him.

(Sd) Brooking

C. Hues
Maj. R.E.

Govt. of {1883} Madras.

MILITARY.

To

THE QUARTERMASTER-GENERAL,
&c., &c., &c.

Dated September, 26th

Issued

Recd. 28/9/83 Encl. 15 (3 plans)

G.O., 26 September 1883, No. 3231

SEPTEMBER.
Nos. 291-292.

Defences—Fortified Posts.

Bangalore.—Plans and estimates for the construction of an entrenchment and ordnance depôt at —, and the proposal to give the earth work to the 4th Pioneers, approved.

OL S28/10
M. 24/10

Forwarded

SUPERINTENDING ENGINEER'S OFFICE,
5TH CIRCLE, MADRAS,
Chepauk, 22d October 1883.

No. 2634

From

THE SUPERINTENDING ENGINEER,
5TH CIRCLE,

To

THE Chief Engineer
S.D.N.

SIR,

I have the honor to return with my signature the Plans and Estimates sent to me with your Endorsement No 1878C dated 5th Octr. for a Fortified Post including one Ordnance Depôt and Laboratory at Bangalore.

2. I have made a slight reduction to the plans and estimates by giving a

Enclosures. 17
1 Origl Endorsement No 1878C dated 5th October 1883.
1 Detd Estimate for Fortified Post.
1 Abstt of Do in duplicate.
1 Specification.
1 Plans.
1 Detd Estimate for Ordnance Depôt.
1 Abstt of Do in duplicate.
1 Plans.
1 Detd Estimate for Laboratory.
1 Abstt of Do.
1 Plans.
1 General Report & Specification.
1 Letter from the General Commanding Bangalore Dvn to the Dy Adjt Genl No 258 of 17th Augt 1883.
1 Do - Do No 360 of 18th Augt 1883.

a foundation of one layer of stone to the revetment of the parapet in the Sections on E F. In the bastions too — Section on G H — I have carried down the stone revetment, through the made earth, & turned into the ground below.

3. With reference to para 3 of the orders in the Military Dep^t^ N^o^ 5231 of the 26^th^ September 1883. I would observe, that the stone revetment work should be carried on at the same time as the earth works, and can be constructed by the Pioneers.

I have the honor to be
Sir
Your Most Obed^t^ Serv^t^
Chas Wenderyark Lt^t^ R.E.
Superint^g^ Engr^r^ Ceylon

M. 214/10

1 Letter from the Executive Engineer Batticaloa to the Asst^t^ Dir^r^ Mil^y^ Colo^s^ Bom. -galore Divn^n^ No^o^ 3423 of 17^th^ August 1883

3060-61
12

M.Cir. 9198

From

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE Chief Engineer
P.W.D.

No. 2648 Wd/11.10.82
" 2142 D d/9.10.83.
" 1981 C d/17.10.83
" 1878 C d/5.10.83
" 1850 E d/16.10.83

Dated 22 October 1883.
Recd. 22

ENCLOSURES. 17 (3 plans)

No. 2634

Fortified Post including an Ordnance Depot & Laboratory at Bangalore—

Returns plans &c for the Construction of—

QLS 28/10
M. 29/10. Rd 29/10

QUARTERMASTER-GENERAL'S OFFICE,
Hd. Quarters, Ootacamund
15th October 1883.

3060/13

Defensive Post
Bangalore.

No. 1189

From

THE QUARTERMASTER-GENERAL,

To

THE Secretary to Government
Public Works Department

SIR,

Adverting to para 2 of
G.O. No. 5231 of the 26th September
1883, Military Department. I am
desired by the Commander-in-Chief
to express a hope that the Govern-
ment will take into early considera-
tion the commencement of the
works on the Entrenchment proposed
to be constructed at Bangalore.

2. His Excellency considers
this work of such importance that
he would urge the Government
to ask the Government of India
to make a Special grant for it.

I should

3060-61
14

should no funds be available from
the Military Budget.

I have the honor to be,
Sir,
Your Obedient Servant.

R. Stewart Brigr General
Quarter Master General

38

G. No. cypher for F. E. No. 9029/13

P.W. (1883) Department.

No.

From.

The Quartermaster Genl.

To

The Secretary to Govt.
P.W. Department.

No. 1189

Dated 15. October.

Read.

On the subject of funds for the commencement of the work in the Entrenchment proposed to be constructed at Bangalore.

Q.L.S. 1/10

Public Works Department.

No. 30607 30/10/13

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 30th October 13

Read the following

Proceedings of the Military Department } No. No. 5231 dated 26th Sept/13

Letter from the Superintending Engineer 3rd Circle Frontier Dr Mr Genl } No. 2634 dated 22nd Oct/13
& 1189 of 15 Oct 13

The undermentioned estimates are sanctioned for entry in the Budget for 1884-85.—

	Amount of Estimate	Register No
(1) Constructing a fortified post at Agram Bangalore	17470	No. 36. W of 1883-84
(2) Constructing an Ordnance depot within the fortified post	14930	No. 37 W of 1883-84
(3) Constructing a laboratory for the Ordnance Depot	1880	No. 38 W of 1883-84

2. The Govt of India will however be requested to make a special grant of Rs 10,000, if possible, to admit of the works being commenced during the current official year.

Ikd

3060-61
16

3. The question raised in para 3 of the foregoing order in the Military Dept will be considered by the Supdg. Engr. Delhi Circle, in communication with the Military Authorities, on the works being put in hand.

4. These sanctions have been registered as Imperial Ordinary Nos. 36-37 & 38 of 1883-84, and classified as Military Original works.

H.E. No: 3061 dated 30th Octr/83

Copy of the above forwarded to the Govt of India.

Cir
FC
4467/w 20.2.84

To
The Supdg. Engr. Delhi Circle
with 13 enclos.
Exam: P.W. accts
with duplicate abst. Govt.
Military Dept.
(~~Govt Military Dept for~~
~~Countersignature~~)

M. 24/10 Retd. 29/10

9127
9 0 0
3 9 0

Govt. of [1883] Madras.

PUBLIC WORKS.

Dated 1 Nov 30 Oct 83

Rcd. Encl.

G. O., 30th Oct 1883, No. 3066
& 3061 PW

Nos. 60 / 6 33 / 2

Fortified post at Agram, Bangalore

Estimates for construction a ——— and an ordnance depot within the post & a Laboratory & Cantonment with Veranda &c.

Fortified post at Agram Bangalore

The sixty Bdiers reported to make a special grant if possible of Rs 10000 to admit of the construction of Nos — & the ordnance & the Laboratory which have been sanctioned for Accounts in 1884-85 being commenced during the current year.

1.40 PM

Sent to Recpts. Depts