(1) Number of pages ~~60~~ 58

(2) Date of repair -11-87

(3) Initials of the Referencer

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W. DEPARTMENT

G.O. No. / B.P. No. 3054 W. Press. / Mis.

Dated 18.12.1885 ~~198~~.

Not to be folded or roughly handled.

18th December 1885, No. 3054 W., Public Works.

3054/1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General Account.

—the following letter from the Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 7th December 1885, No. 404 G.N.:—

have the honor to request that you will be so good as to obtain an allotment of 28 under "Excluded Local—Port Fund" required for repairing the following in the Ganjam division:—

	RS.
Repairing obelisks of Barwa port	137
Do. do. of Sonapur port	91
Total ...	228

—dated 18th December 1885, No. 3054 W., Public Works.

he question of providing funds for the undermentioned works in the Ganjam t will be considered in the Financial Department:—

	RS.
Repairing obelisks of Barwa port	137
Do. do. of Sonapur port	91
Total ...	228

2. The amount to be allotted is shown below:—

	Excluded Local. Port Funds. RS.
Works	228
Establishment	52
Tools and plant	2
Total ...	282

(True Extract.)

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

Superintending Engineer, I Circle.
Examiner, Public Works Accounts.
Financial Department.

J. Moses.

Copies

GENERAL.
ACCOUNT.

Govt. of (1885) Madras.

PUBLIC WORKS.

Dated December, 18th.

Recd. *Encl.*

G.O., 18th Dec. 1885, No. 3054 W.

DECEMBER.

Obelisks of Barwa and Sonapur

The Financial Department to provide funds for —.

3054/2

FINAL ISSUE.

IMPERIAL.
MILITARY WORKS.

MADRAS.

PUBLIC WORKS DEPARTMENT.

IMPERIAL BUDGET ESTIMATE

OF

MILITARY WORKS

OF THE

GOVERNMENT OF MADRAS

FOR THE YEAR

1885-86.

Chepák,
27th April 1885.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Government, P.W.D.

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Ditto ditto of Expenditure	2

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Ditto ditto Class B	6 to 7

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REVENUE.

ABSTRACT OF THE BUDGET-ESTIMATE OF REVENUE OF THE PUBLIC WORKS DEPARTMENT FROM MILITARY WORKS IN MADRAS FROM 1st APRIL 1885 TO 31st MARCH 1886.

—	Budget Estimate, 1885-86.	Revised Estimate, 1884-85.	Budget Estimate, 1884-85.	Actuals, 1883-84.
	Rs.	Rs.	Rs.	Rs.
In Public Works Department	29,500	25,000	32,000	35,173
In Civil and Military Departments	...	...	...	...
Total ...	29,500	25,000	32,000	35,173

CHARGES.

ABSTRACT OF THE BUDGET-ESTIMATE OF EXPENDITURE OF THE PUBLIC WORKS DEPARTMENT OF MILITARY WORKS IN MADRAS FOR THE YEAR FROM 1st APRIL 1885 TO 31st MARCH 1886.

—		Reference to Detailed Estimate.	Budget Estimate, 1885-86.	Revised Estimate, 1884-85.	Budget Estimate, 1884-85.	Actuals, 1883-84.
			Rs.	Rs.	Rs.	Rs.
Original Works.	In progress ...	...	1,73,056	2,08,057	1,98,300	1,97,155
	Not commenced.	...	56,590			
Repairs	Ordinary ...	...	2,94,549	2,88,513	2,75,000	2,76,512
	Special ...	...	...			
Establishment		...	1,20,563	1,11,450	1,10,300	1,09,439
Tools and Plant		...	5,242	4,780	7,000	7,074
Suspense Account		...	...	...	...	...
Total ...		...	6,50,000	6,12,800	5,90,600	5,90,180

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ABSTRACT OF THE CHARGES TO BE INCURRED BY THE PUBLIC WORKS DEPARTMENT FROM IMPERIAL FUNDS AND CONTRIBUTIONS IN BOTH INDIA AND ENGLAND.

—	Budget-Estimate, 1885-86.									Revised Estimate, 1884-85.	Budget Estimate, 1884-85.	Actuals, 1883-84.
	Original Works.			Repairs.	Establishment.	Tools and Plant.	Suspense Account.	Barrack Department.	Total.			
	In progress.	Not commenced.	Total.									
Provision from Imperial Funds.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
In India ...	1,73,056	56,590	2,29,646	2,94,549	1,20,563	5,242	...	...	6,50,000	6,12,800	5,90,600	5,90,180
In England.	...	...	...	...	...	...	...	...	...	...	...	...
Total ...	1,73,056	56,590	2,29,646	2,94,549	1,20,563	5,242	...	...	6,50,000	6,12,800	5,90,600	5,90,180
Provision from Contributions.												
In India ...	...	...	...	...	...	...	...	...	...	...	...	...
Grand Total.	1,73,056	56,590	2,29,646	2,94,549	1,20,563	5,242	...	...	6,50,000	6,12,800	5,90,600	5,90,180

STATEMENT SHOWING THE WORKS ON WHICH THE OUTLAY IN ENGLAND ABOVE PROVIDED FOR IS TO BE INCURRED.

—	Budget-Estimate, 1885-86.						Revised Estimate, 1884-85.	Budget Estimate, 1884-85.	Actuals, 1883-84.
	Original Works.			Tools and Plant.	Suspense Account.	Total.			
	In progress.	Not commenced.	Total.						
				Nil.					

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PART I.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1885-86.

CLASS A WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Grant, 1885-86.			Item No.	Remarks and References.
						Actual to end of 1883-84.	Probable during 1884-85.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Chingleput.	St. Thomas' Mount.	1	New barracks for Royal Artillery ...	1,35,050	67,389	30,000	24,661			1	G.O., No. 288 W., dated 4th February 1884. Item No. 1, class A works, budget of 1884-85.
	West Coast.	Malapuram ...	2	Barracks for detachment, British Infantry.	1,31,610	45,530	38,000	31,448		56,109	2	G.O., No. 580 W., dated 3rd March 1884. Item No. 2, class A works, budget of 1884-85.
Buildings for Native troops.	Trichinopoly.	Trichinopoly ...	3	Constructing public buildings for two regiments of Native Infantry.	35,650	3,138	9,500	18,012	...	18,012	3	G.O., No. 2194 W., dated 5th September 1884. Item No. 2, class B works, budget of 1884-85.
(2) Ordnance Works ...	Presidency.	Fort St. George.	4	Armament of Fort St. George ...	42,035	...	11,000	31,035			4	G.O., No. 2970 W., dated 19th October 1883. Item No. 6, class A works, budget of 1884-85.
	Do. ...	Madras ...	5	Improvements to the Gunpowder Factory.	2,52,412	2,15,628	10,000	20,000		51,035	5	G.O., No. 2707 W., dated 3rd November 1884. Item No. 7, class A works, budget of 1884-85.
(3) Commissariat Buildings.	Do. ...	Do. ...	6	Quarters for warrant and non-commissioned officers of the Commissariat Department.	26,740	...	15,000	11,740	...	11,740	6	G.O., No. 1836 W., dated 31st May 1883. Item No. 3, class B works, budget of 1884-85.
				Total ...	...	...	...	1,36,896	...	1,36,896		

PART I—*cont.*

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1885-86.

CLASS B WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Grant, 1885-86.			Item No.	Remarks and References.
						Actual to end of 1883-84.	Probable during 1884-85.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops—* Buildings for European troops in the plains. Permanent.	Presidency.	Fort St. George.	1	Converting a racket court into a covered gymnasium.	11,890	...	...	...	11,570		1	G.O., Nos. 590 W., dated 4th March 1884, and 1552 W., dated 20th June 1884. Item No. 1, class B works, budget of 1884-85.
	Chingleput ...	St. Thomas' Mount.	2	Constructing six blocks of stables for two field batteries of Royal Artillery.	20,160	...	10,000	9,160	...		2	G.O., No. 2747 W., dated 1st October 1883. Item No. 2, class B works, budget of 1884-85.
	Presidency ...	Bangalore ...	3	Additions to the Military prison ...	8,325	...	...	...	8,325	29,055	3	G.O., No. 938 W., dated 5th April 1884.
Buildings for Native troops.	Do. ...	Do. ...	4	Public buildings for a regiment of Native Cavalry.	23,490	...	...	...	14,000		4	G.O., Nos. 47 W., dated 10th January 1884, and 1,552 W., dated 20th June 1884. Item No. 24, class C works, budget of 1884-85.
	Bellary ...	Bellary ...	5	Armourer's shop, Light Cavalry ...	2,695	...	...	...	2,695	16,695	5	G.O., No. 2266 W., dated 14th September 1881. Item No. 25, class C works, budget of 1884-85.
(3) Commissariat Buildings.	Nilgiri ...	Wellington ...	6	Bakery	32,000	...	5,000	27,000	...	27,000	6	G.O., No. 1838 W., dated 29th July 1884.
			7	Minor works	...	...	...	...	20,000	20,000	7	
				Total ...	...	...	...	36,160	56,590	92,750		
				Grand Total ...	...	...	...	...	...	2,29,646		

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PART I—cont.

DETAIL OF THE BUDGET-ESTIMATE FOR ORIGINAL WORKS FOR THE YEAR 1885-86.

CLASS B WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1883-84.	Outlay. Probable during 1884-85.	Grant, 1885-86. Works in progress.	Grant, 1885-86. Works not commenced.	Grant, 1885-86. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs	Rs.	Rs.		
				IMPERIAL ORDINARY. Military. *Original Works.*								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Presidency.	Fort St. George.	1	Converting a racket court into a covered gymnasium.	11,890	...	...	...	11,570		1	G.O., Nos. 590 W., dated 4th March 1884, and 1552 W., dated 20th June 1884. Item No. 1, class B works, budget of 1884-85.
	Chingleput ...	St. Thomas' Mount.	2	Constructing six blocks of stables for two field batteries of Royal Artillery.	20,160	...	10,000	9,160	...		2	G.O., No. 2747 W., dated 1st October 1883. Item No. 2, class B works, budget of 1884-85.
	Presidency ...	Bangalore ...	3	Additions to the Military prison ...	8,325	...	...	...	8,325	29,055	3	G.O., No. 938 W., dated 5th April 1884.
Buildings for Native troops.	Do. ...	Do. ...	4	Public buildings for a regiment of Native Cavalry.	23,490	...	...	...	14,000		4	G.O., Nos. 47 W., dated 10th January 1884, and 1,552 W., dated 20th June 1884. Item No. 24, class C works, budget of 1884-85.
	Bellary ...	Bellary ...	5	Armourer's shop, Light Cavalry ...	2,695	...	...	...	2,695	16,695	5	G.O., No. 2266 W., dated 14th September 1881. Item No. 25, class C works, budget of 1884-85.
(3) Commissariat Buildings.	Nilgiri ...	Wellington ...	6	Bakery	32,000	...	5,000	27,000	...	27,000	6	G.O., No. 1838 W., dated 29th July 1884.
			7	Minor works	...	...	...	...	20,000	20,000	7	
				Total ...	...	...	...	36,160	56,590	92,750		
				Grand Total ...	...	...	...	...	...	2,29,646		

IMPERIAL.
MILITARY WORKS.

MADRAS.

6A

APPENDIX B

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1885-86, BUT O WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B WORKS.

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1885-86.			Item No.	Remarks and References.
						Actual to end of 1883-84.	Probable during 1884-85.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL ORDINARY.								
				MILITARY.								
				Original Works.								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Presidency.	Fort St. George.	1	Armourer's shop for the British Infantry Regiment.	2,367	...	...	...	2,367	...	1	G.O., No 13 W., dated 5th January 1885.
	Do. ...	Do. ...	2	Drainage of fort and barracks ...	...	...	...	...	10,000	...	2	Estimate awaited.
	Do. ...	Do. ...	3	Wash-house outside the barracks ...	...	...	...	...	2,500	...	3	Estimate awaited.
	Do. ...	Do. ...	4	Garrison bazaars to be done away with and new cookhouses to be built on its site, in the meanwhile the kitchens to be better ventilated.	...	...	...	...	4,500	...	4	Estimate awaited.
	Chingleput.	St. Thomas' Mount.	5	Coffee shops, three in number, one for each—north, south and the new Artillery barracks.	...	...	...	...	9,000	...	5	Estimate awaited.
	Do. ...	Do. ...	6	A wheeler and collarmaker's shop for the new double-storied barracks.	5,660	...	...	...	5,000	...	6	G.O., No. 2717 W., dated 3rd November 1884.
	Do. ...	Pallávaram ...	7	One mortuary room for each of the three hospitals, Nos. 1 to 3.	...	...	...	...	3,000	...	7	G.O., No. 2717 W., dated 3rd November 1884.
	Presidency.	Bangalore ...	8	Quarters for a schoolmaster and mistress, Royal Artillery.	...	...	...	...	6,200	...	8	Estimate awaited.
	Do. ...	Do. ...	9	Fourth-class gymnasium	44,600	...	...	...	20,000	...	9	G.O., No. 1560, dated 21st June 1876.
	Bellary ...	Bellary ...	10	Water-supply to barracks, Royal Artillery and British Infantry.	...	...	...	...	3,000	...	10	Estimate awaited.
	Do. ...	Do. ...	11	Alterations and additions to the Military provost prison in the fort and to the adjoining disused liquor godowns.	...	...	...	...	11,260	...	11	Estimate awaited.
	Do. ...	Do. ...	12	Swimming bath for 2nd Battalion, Royal Fusiliers.	...	...	...	...	12,600	...	12	Estimate awaited.
	Do. ...	Do. ...	13	New gunshed with collarmaker's and wheelshop combined for the Royal Artillery.	5,663	...	...	...	5,663	...	13	G.O., No. 914 W., dated 3rd April 1884.
	Do. ...	Do. ...	14	Infectious disease ward and cookhouse for the station hospital.	6,140	...	...	...	6,000	...	14	G.O., No. 320 W., dated 7th February 1884.
	Nilgiri ...	Wellington ...	15	Additional hospital accommodation for women and children.	...	...	...	...	5,000	...	15	Estimate awaited.
	Do. ...	Do. ...	16	Gymnasium	...	...	...	...	15,000	...	16	Estimate awaited.
	Do. ...	Do. ...	17	Drinking water to be laid on to hospital.	...	...	...	...	5,000	...	17	Estimate awaited.
	West Coast.	Cannanore ...	18	Plunge-bath on standard plan for European Infantry barracks.	4,690	...	...	...	4,690	...	18	G.O., No. 418, dated 10th February 1876.
	Do. ...	Do. ...	19	Improving latrines for the British Infantry.	2,780	...	...	...	2,780	...	19	G.O., No. 1056, dated 4th April 1879.
	Presidency.	Bangalore ...	20	Quarters for the senior apothecary, north station hospital.	5,300	...	...	...	5,300	...	20	G.O., No. 3385 W., dated 27th November 1883.
				Carried over ...	...							

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APPENDIX B—*cont.*

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1885-86, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B WORKS—*cont.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1885-86.			Item No.	Remarks and References.
						Actual to end of 1883-84.	Probable during 1884-85.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...							
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(1) *Accommodation for troops*— Buildings for European troops in the plains. Permanent.	Presidency.	Bangalore ...	21	Quarters for an assistant apothecary, north station hospital.	4,773	...	...	...	4,773	...	21	G.O., No. 938 W., dated 5th April 1884.
	Nilgiri ...	Wellington ...	22	Quarters for a warrant officer or staff sergeant of the Barrack Department.	...	...	...	...	8,000	...	22	Estimate awaited.
Building for Native troops.	Vizagapatam.	Vizianagrum...	23	Regimental store-room including storage for the camp equipage.	3,480	...	...	...	3,480	...	23	G.O., No. 2628 W., dated 27th October 1884.
	Do. ...	Do. ...	24	Three public latrines for the use of the Native Infantry Regiment.	...	...	...	...	3,150	...	24	Estimate under reference.
	Presidency.	Madras ...	25	Additional sepoy huts for the Native Infantry regimental lines at Perambúr.	...	...	...	...	27,400	...	25	Estimate awaited.
	Do. ...	Do. ...	26	Four latrines for the Native Infantry regimental lines at Perambúr.	...	...	...	...	4,000	...	26	Estimate awaited.
	Do. ...	Bangalore ...	27	Accommodation for one regiment of Native Infantry.	...	...	...	...	14,610	...	27	Estimate awaited.
	Do. ...	Do. ...	28	Store-rooms and workshops for the Pioneer Regiment.	...	...	...	...	3,000	...	28	Estimate awaited.
	Chingleput.	Pallávaram ...	29	New lines for one regiment of Native Infantry.	...	...	...	...	33,000	...	29	Estimate awaited.
	Do. ...	Do. ...	30,	Regimental magazine for a Native Infantry Regiment.	...	...	...	...	4,500	...	30	Estimate awaited.
	Bellary ...	Bellary ...	31	Schoolhouse for the 27th Regiment, Native Infantry.	3,030	...	...	...	3,030	...	31	G.O., No. 149 W., dated 17th January 1884.
	Coimbatore.	Quilon ...	32	Store-room for Native Infantry ...	...	...	...	...	5,000	...	32	Estimate awaited.
	Do. ..	Do. ...	33	Magazine for Native Infantry barracks.	...	...	...	...	3,000	...	33	Estimate awaited.
	Do. ...	Do. ...	34	Latrine with wells for Native Infantry barracks.	...	...	...	...	3,150	...	34	Estimate awaited.
(2) *Ordnance Works* ...	Presidency.	Madras (Ráyapuram).	35	Flushing drains with seven-wells water.	4,300	...	...	...	4,300	...	35	G.O., No. 1397 W., dated 4th June 1884.
	Do. ...	Madras ...	36	Demolishing and re-erecting the present wheel-shops of the Gun Carriage Factory.	7,370	...	...	...	7,370	...	36	G.O., No. 2870 W., dated 17th November 1884.
	Do. ...	Do. ...	37	Extra accommodation as store-rooms in the Gun Carriage Factory.	...	...	...	...	6,000	...	37	Estimate awaited.
				Carried over ...	...							

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APPENDIX B—*concld.*

LIST OF WORKS (OR CLASS C WORKS) OMITTED FROM THE BUDGET-ESTIMATE OF 1885-86, BUT ON WHICH EXPENDITURE MAY BE INCURRED DURING THE YEAR BY RE-APPROPRIATION FROM CLASS B WORKS—*concld.*

Head of Classification.	Executive Division.	Locality.	Item No.	Projects and Works.	Amount of Estimate.	Outlay.		Amount applied for 1885-86.			Item No.	Remarks and References.
						Actual to end of 1883-84.	Probable during 1884-85.	Works in progress.	Works not commenced.	Total.		
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				Brought forward ...	...							
				IMPERIAL ORDINARY—*cont.*								
				MILITARY—*cont.*								
				Original Works—cont.								
(2) *Ordnance Works.*	Presidency.	Madras ...	38	Improvements to the barrel machine shop, Gun Carriage Factory.	4,030	...	2,975	...	1,235	...	38	G.O., No. 2413 W., dated 16th September 1882.
(3) *Commissariat Buildings.*	Do. ...	Do. ...	39	Constructing a shed in the Camp Equipage Depôt.	...	...	...	...	5,300	...	39	Estimate awaited.
	Do. ...	Do. ...	40	Lines for 17 petty officers and 173 cattle attendants attached to Transport Department.	...	...	...	...	48,000	...	40	Estimate awaited.
	Do. ...	Do. ...	41	Godown for workshops and sheds for keeping 90 army transport and 24 ambulance carts, doolies, &c.	...	...	...	...	5,500	...	41	Estimate awaited.
	Do. ...	Bangalore ...	42	Quarters for a Conductor, Transport Department.	...	...	...	...	4,220	...	42	Estimate awaited.
	Chingleput.	Guindy ...	43	Converting the late Superintending Engineer's office at Guindy into a Commissariat slaughter-house.	11,800	...	...	...	11,800	...	43	G.O., No. 1399 W., dated 12th May 1884.
	Do. ...	Do. ...	44	Quarters for station butcher ...	...	...	...	...	4,740	...	44	Estimate awaited.
	Do. ...	St. Thomas' Mount.	45	Raising the main wall and renewing the roofing, &c., of the east and west harness room, Troop lines.	4,200	...	[illegible]	...	4,200	...	45	G.O., No. 3137 W., dated 17th December 1881.
(5) *Stud*	Barur ...	Hosúr ...	46	Purchase of honorary surgeon's house and farrier sergeant's bungalow with outhouses.	4,010	...	...	...	4,010	...	46	G.O., No. 2903 W., dated 15th October 1883.
						...	...	...	...	...		

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27th April 1885, No. 983 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

Read—the following paper :—

Proceedings of the Government of India, Military Department, dated Fort William, 18th March 1885, No. 291 M.W.

Madras.

Orders on the Military Works Budget Estimate for 1885-86 *and Revised Estimate for* 1884-85.

Read—

Military Department Resolution, No. 1131 M.W., dated 5th November 1884.
Endorsement No. 3161 W., dated 27th December 1884, from the Government of Madras.

Resolution—

The estimates of revenue are accepted for the sums noted below; the variations in the estimates should, however, have been explained :—

—	Budget estimate, 1885-86.	Revised estimate, 1884-85.	Budget estimate, 1884-85.	Actuals, 1883-84.
	RS.	RS.	RS.	RS.
In Public Works Department	29,500	25,000	32,000	35,173

2. The estimates of expenditure have been prepared for the sums entered in the following table :—

—		Budget estimate, 1885-86.	Revised estimate, 1884-85.	Budget estimate, 1884-85.	Actuals, 1883-84.
		RS.	RS.	RS.	RS.
Original works	In progress	1,73,056	2,05,570	1,98,300	1,97,155
	Not commenced	56,590			
Repairs		2,94,549	2,91,000	2,75,000	2,76,512
Total, Works and repairs ...		5,24,195	4,96,570	4,73,300	4,73,667
Establishment		1,20,563	1,11,450	1,10,300	1,09,439
Tools and plant		5,242	4,780	7,000	7,074
Grand Total ...		6,50,000	6,12,800	5,90,600	5,90,180

Budget Estimate for 1885-86.

3. The only point which calls for observation is the slow progress provided for—

Item 1.—New barracks for Royal Artillery, St. Thomas' Mount.
Item 2.—Barracks for detachment, British infantry, Malapuram.

It would appear desirable to increase the provision for these works so as to admit of their completion during the ensuing year, the additional funds required being obtained by reappropriation from the grant for repairs.

4. With these remarks the budget estimate is passed for the sum of Rs. 6,50,000, the grant provisionally assigned in Military Department resolution of the 5th November last.

5. The revised estimate of the current year is passed, as submitted, for Rs. 6,12,800.

6. The authorisations herewith given are subject to a strict observance of the rules in force for the financial regularity of departmental work.

Order—

Ordered that this resolution be communicated to the Government of Madras, for information and guidance, with the request that 45 printed copies of the budget estimate, as now passed, may be submitted so as to reach the Government of India not later than the 1st May 1885.

Ordered, also, that a copy be forwarded to the Accountant-General, Public Works Department, for information.

Order—dated 27th April 1885, No. 982 W., Public Works.

Ordered that the final issue of the Imperial military works budget estimate for 1885-86, prepared for the grant of Rs. 6,50,000, sanctioned by the Government of India in the resolution read at the head of these proceedings, be printed, and 45 copies forwarded to the Government of India.

(1) New barracks for Royal Artillery, St. Thomas' Mount.
(2) Barracks for detachment, British infantry, Malapuram.

2. The Superintending Engineers, IV and V Circles, will adopt measures for the vigorous prosecution of work on the marginally-noted projects, referred to in paragraph 3 of the ~~resolution~~ resolution recorded above. The construction of a fortified post at Agaram having been completed during 1884-85, the grant of Rs. 2,827 provided for the work in 1885-86 has been withdrawn, and added to barracks for detachment of British infantry at Malapuram. On receipt of the usual statements of demands on account of Repairs, Military, the question of further increasing the grants for the two works named by the Government of India will be considered.

3. The revised estimates for 1884-85 against "Original Works" and "Repairs," as shown in the statement printed with the resolution above recorded, have been altered to Rs. 2,08,057 and 2,88,513, respectively, with advertence to the transfers of funds approved by the Government of India in their telegrams dated 18th and 28th February 1885, *vide* proceedings, No. 409 W., dated 20th February 1885, and No. 482 W., dated 3rd March 1885.

(Here enter No. 983 W., dated 27th April 1885.)

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Financial "

Endorsement—dated 27th April 1885, No. 983 W., Public Works.

Forwarded to the Government of India.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. E. Fernandez.
Spare Copies

3059/6

GENERAL.
ACCOUNT.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated April, 27th.

Recd. *Encl.*

G.O., 27th April 1885, No. 983 W.

APRIL.

Imperial Military Works
Budget Estimate for 1885-86

Forwarding the final issue of the —

257/4

I

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. :—

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

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. 5130, dated 26th September 1882.

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.

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 that the Government will take into early consideration the commencement of the work 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.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

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

Endorsement—dated 30th October 1883, No. 3061 W., Public Works.

Copy of the above forwarded to the Government of India.

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

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. 3061 W.

OCTOBER.

Fortified post at Agram, Bangalore

The Government of India requested t make a special grant, if possible, of Rs 10,000 to admit of the construction of the — and the ordnance depôt and the laboratory which have been sanctioned for execution in 1884-85 being commenced during the current official year.

3057/13

20th February 1884, No. 467 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following papers :—

From Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Public Works Department (through the Military Department), dated Fort St. George, 8th February 1884, No. 856.

His Excellency the Commander-in-Chief being specially anxious that the ordnance stores at Bangalore should not be allowed to remain a day longer than is absolutely necessary in the old Fort, where they are now placed, I am desired to solicit that if no reply has been received from the Government of India to the application* for a special grant of funds for the commencement of the entrenchment and Ordnance Depôt within it at that station, Government will be pleased to invite the attention of the Government of India to this application by telegram, and strongly to urge the necessity for the grant.

* G.O., No. 3060 W., dated 2nd October 1883. (Military Department, No. 5945, dated 6th November 1883).

2. I am to note that if the grant for this year is not made the additional demand which will fall on the ordinary grant for Military works next year will require that some of the very few works now proposed to be provided for out of it should be postponed, and as these are all really important ones, Sir Frederick Roberts hopes that this may be avoided.

No. 643, Military.

Forwarded.

Fort St. George,
9th February 1884.

(Signed) A. KENNEY-HERBERT, Lieut.-Col.,
Offg. Secretary to Government.

Telegram to the Government of India, dated 11th February 1884, No. 370 W.

Telegram from the Secretary to the Government of India, Military Department, Calcutta, to the Secretary to Government, Public Works Department, Madras, dated 19th February 1884.

One hundred and seventy-five M. W. your's 11th. Rs. 10,000 inclusive of establishment and tools and plant sanctioned for fortified post, Bangalore.

Telegram from His Excellency the Commander-in-Chief, Madras Army, to the Secretary to Government, Public Works Department, Madras, dated Calcutta, 19th February 1884.

Government of India sanction Rs. 10,000 for Bangalore entrenchment. General Payn has been telegraphed to to set Pioneers on works at once.

Order—dated 20th February 1884, No. 467 W., Public Works.

Communicated to the Superintending Engineer, V Circle who will take immediate steps for utilizing the grant now sanctioned.

2. The amount available for works is Rs. 8,032 *.

	RS.
* Works	8,032
Establishment	1,847
Tools and Plant	121
Total	10,000

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, V Circle.
" Examiner, Public Works Accounts.
" Military Department.

Exd. A. Aubert.
Spare Copies

3054/14

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1884} Madras.

PUBLIC WORKS.

Dated February, 20th.

Recd. *Encl.*

G.O., 20th Feb. 1884, No. 467 W.

FEBRUARY.

Fortified Post, Bangalore

Sanction of the Government of India to a grant of Rs. 10,000 for —, communicated to the Superintending Engineer, V Circle for taking immediate steps to utilize the grant.

2054/15

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

July 1884, No.

Defences—Forts.

Read the following papers :—

No. *From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department ; dated Chepauk, 25th April 1884, No. 337.*

With reference to Government Order, No. 978-W., dated 15th instant, I have the honor to forward the estimate of Rs. 33,997 for demolishing the outworks on the north, the west, and the south fronts of Fort St. George.

1 Estimate, in duplicate.
1 Report.
6 Plans.

No. 81-E.

Forwarded for the approval of His Excellency the Commander-in-Chief and of Government in the Military Department.

(By Order.)

OOTACAMUND,
5th May 1884.

(Signed) J. SHAW-STEWART, Col., R.E.,
Chief Engineer, P.W.D.

To the Secretary to Government, Military Department.

No. 2152.

Forwarded.

(By Order.)

OOTACAMUND,
7th May 1884.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Offg. Secretary to Government.

To the Quarter Master General.

No. *From Brigadier-General R. C. STEWART, Quarter Master General, to the Chief Engineer, Public Works Department ; dated Ootacamund, 19th May 1884, No. 147-A. (through the Secretary to Government, Military Department).*

I have the honor, by order, to return, with the approval of His Excellency the Commander-in-Chief, the estimate, amounting to Rs. 33,997, for the demolition of the outworks of Fort St. George, received with your docket, No. 81-E., dated 5th May 1884.

2. The estimate has been countersigned.

No. 2897.

The Government, in the Military Department, desire to be informed if funds can be allotted in the current year for this work, with reference to the necessities of more pressing demands.

(By Order.)

OOTACAMUND,
18th June 1884.

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Offg. Secretary to Government.

To the Public Works Department, with plans.

No. . *From Colonel W. H. BURTON, R.E., Officiating Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department; dated Chepauk, 23rd June 1884, No. 1173.*

With reference to your memorandum, No. 305-E., dated 20th instant, I have the honor to report that the annual military repair grants of the Presidency and Chingleput divisions are sufficient only to meet the ordinary demands for repair works as shown by the following figures :—

	Presidency. RS.	Chingleput. RS.
Grant for 1882-83	1,50,000	39,750
Expenditure of 1882-83	1,50,790	38,836
Grant for 1883-84	1,50,000	33,234
Expenditure of 1883-84	1,50,275	33,283

2. No portion of these grants therefore can be diverted without postponing certain necessary annual repair works to meet in part the amount of the estimate of Rs. 33,997 for the demolition of the outworks of Fort St. George. The grants for major and minor new works will not also admit of any reductions being made therefrom. In my statements of demands on the reserve for the current year, No. 595, of the 16th May 1884, I proposed certain modifications of allotment in view of completion of the coast batteries this year, as also the works at Agram entrenchment, both of which should have, in my opinion, precedence of the fort demolitions. Therefore I am not in a position to provide at this date the requisite funds for carrying out any portion of the demolition work. It would be certainly desirable if funds permitted to proceed with the fort armament work and demolitions *pari passu;* but, if no funds be available, substantial progress on the former had best be assured before the demolitions are proceeded with.

No. 319-E.

Transferred to the Military Department, with reference to endorsement in that department, No. 2897, dated 18th June 1884, and with remark that, in the circumstances stated by the Superintending Engineer, no funds can at present be allotted for the work in question.

OOTACAMUND,
25th June 1884.

(Signed) J. SHAW-STEWART, Col., R.E.,
Secretary to Government,
P.W.D.

To the Military Department, with papers in original.

No. . ORDER THEREON, July 1884, No.

Funds not being available for the demolition of the outworks of Fort St. George, the further prosecution of the project must be deferred *sine die* and preference given to more pressing works, *e.g.*, the coast batteries, Madras, and the Agram entrenchment, Bangalore.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Offg. Secretary to Government.

To the Quarter Master General.
,, Public Works Department, with 3 enclosures and 6 plans.
,, Adjutant-General, for information.

Exd. E. C. Shunker.

305P/16

P.W.D.

Govt. of {1884} Madras.

MILITARY.

No 1734 W. 14th July/84

Communicated to the Supty: Engineer V Circle for information and guidance

(Signed)

To
The QUARTER MASTER GENERAL,
&c., &c., &c.

Dated July,

Issued

Recd. *Encl.*

G.O., 5th July 1884, No. 3227

No 1734 W. 14th July/84

JULY.

Nos. —

S. E. I Circle with 9 enclosures —

Defences—Forts.

Fort St. George.—Further prosecution of the project of demolishing the outworks of—to be deferred *sine die* and preference given to more pressing works.

With order

3057/17

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

September 1884, No.

Pay and Allowances—Working Pay.

Read the following papers :—

No. . *Telegram from the Officiating Secretary to the Government of Madras, Military Department, Ootacamund, to the Officiating Secretary to the Government of India, Military Department, Calcutta; dated 2nd September 1884, No. 4274.*

How should working pay of men, Madras Pioneer regiments, be regulated when employed on work requiring skilled labor? This is not provided for by Section 384, Army Regulations, India, Volume I, Part II. Is Sapper scale allowable in such circumstances, or should local contract rates be arranged by Public Works?

No. . *Telegram from the Officiating Secretary to the Government of India, Military Department, Calcutta, to the Officiating Secretary to the Government of Madras, Military Department, Ootacamund; dated 11th September 1884, No. 525-B.*

Your 4274, 2nd instant. Local or special contract rates should be arranged by Public Works when men, Madras Pioneer regiment, employed on work requiring skilled labor—see Standing Order by Chief, 160, of 1883.

No. . ORDER THEREON, September 1884, No. .

Communicated to His Excellency the Commander-in-Chief and the Public Works Department, with reference to Proceedings of Government, No. 1991-W., dated 14th August 1884.

Military Department No. 4215, dated 29th idem.

(True Extract.)

(Signed) A. KENNEY-HERBERT, Lt.-Col.,
Offg. Secretary to Government.

To the Quarter Master General.
" Public Works Department.
" Controller of Military Accounts, for information, with a copy of No. 4215 of 1884.
" Adjutant-General, for information, with a copy of No. 4215 of 1884.

Exd. P. L. Pereira.

P. W. D.

No. 2387 dated 25th Septr. 884

Govt. of (1884) Madras.

MILITARY.

To
THE QUARTER MASTER GENERAL,
&c., &c., &c.

Communicated to the Supdg. Engr. V Circle in Continuation of G.O. 1991 W dated 14th August 1884. Payment to the men of the 4th Madras Pioneers Employed on the Agram Entrenchment works will now be regulated in accordance with Standing order by the Commander-in-Chief, No. 160 of 1883 (Bengal) a Copy of which is attached for reference.

(Sd.) J. S. S.

Dated September,

Issued

Recd. Encl.

G.O., 18th September 1884, No. [illegible].

No. 2387 dated 25th Septr. 1884

SEPTEMBER.
Nos.

Pay and Allowances—Working Pay.

Madras Pioneer Regiments.—Decision of the Government of India relative to the working pay of men of the — when employed on work requiring skilled labor, communicated to His Excellency the Commander-in-Chief and the Public Works Department.

To The Supdg. Engr. V Circle with Copy of Standing order
– Secy. P. W. A.

With order

65

3054/8

29th May 1885, No. 1250 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

Read—the following letter from Brigadier-General R. C. STEWART, Quartermaster-General, to the Secretary to Government, Military Department, dated Ootacamund, 29th April 1885, No. 944 B. :—

I have the honor, by order, to forward, for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below mentioned, which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned :—

I. Estimate (Rs. 3,020) for constructing additional works to the Agram entrenchment at Bangalore, with specification.

II. Plan.

2. The necessity for the works is given in the report of the Executive Engineer, Presidency division, dated 8th instant.

No. 2349, Military.

Approved and transferred to the Public Works Department for disposal.

(By Order.)

Ootacamund, 2nd May 1885. (Signed) A. R. KENNEY-HERBERT, Lieut.-Col., Offg. Secretary to Government.

Order—dated 29th May 1885, No. 1250 W., Public Works.

The estimate, amounting to Rs. 3,020, for constructing additional works to the fortified post at Agram, Bangalore, is sanctioned as supplemental to the estimate sanctioned in G.O., No. 3060 W., dated 30th October 1883.

2. This sanction has been registered as Imperial, Ordinary, No. 14 W. of 1885-86, and classified as Military, Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with four enclosures.
„ Examiner, Public Works Accounts, with general abstract estimate.
„ Military Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of 1885 Madras.

PUBLIC WORKS.

Dated May, 29th.

Recd. *Enc*

G.O., 29th May 1885, No. 1250 W.

MAY.

Fortified Post at Agram, Bangalore

Estimate for additional works to the — sanctioned.

3054/19

Bengal Standing General Order dated Simla 21st. December 1883

No. 160- Duties.

With the sanction of Government, the Commander-in-Chief [Mily. Dept. letter No 983 M. W, dated 11th. October 1883] directs that the following procedure shall be adopted in future with a view to facilitate the employment of Military labour on public works.

2. Whenever work of any sort is to be carried out by the Military Works branch, the engineer preparing the estimate shall at the time of submitting it, for countersignature, attach to the estimate a memorandum shewing:-

1. What part of the Work is suitable for military labor, European or Native.

11. The number of troops that would be required and for what time.

111. The amount available for their pay, as calculated in the estimate at the local rates.

3. The General or Commanding officer will then decide and endorse on the estimate.

1. Whether the troops can be spared for employment with due consideration to drill and duties.

11. Whether the amount available in the estimate appears sufficient for the renumeration of the troops.

111. Whether he recommends their employment.

4. If satisfied on these points the general or commanding officer will order the employment of the troops, as soon as he is informed that funds are allotted, and that the work is to be commenced.

Troops

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5. Troops will be employed under their own officers and non commissioned officers. It will be the duty of the local engineer to convey the necessary instructions simply and clearly to the senior officer of the working party and of this officer to see them properly carried out, and transmitted to his successor in command on the relief of the party.

6. In case of dispute or dissatisfaction, the General or Commanding Officer will decide with whom the fault lies, and in case of neglect or carelessness by the troops, it shall be competent to him to withhold payment of working pay until the work be satisfactorily completed, or to stop it altogether as provided for in the Pay Code.

7. In deciding questions under the last paragraph, the General or Commanding Officer will invariably consult the Superintending Engineer as his legitimate adviser.

8. Sappers are to be employed on the same principles as troops of the line. If capable of higher classes of work they will be paid as specially provided in the pay code.

9. Task-work is the best mode of stimulating troops to exertion. Particular work or sections of work should be made over to particular regiments, and the distribution of working pay should be effected regimentally.

10. Tools will in all cases be supplied; free of charge, by the department employing the troops the men using them being required to pay for any damage that may be caused by unfair usage or negligence on their part. The procedure in this case will be similar to that followed in assessing barrack damages.

11. When employed at a distance from barracks, troops should be encamped, using their own camp equipage and regimental or depot carriage. Their rations, water supply, and the sanitation of their camps, should be provided and arranged for exactly as at Camps of Exercise; no extra cost being debitable to the Military Works under these heads.

12. In every matter relating to the employment of military labor, excepting only the power to sanction excess expenditure the General Officer is supreme.

QUARTERMASTER-GENERAL'S OFFICE,

Ootacamund, 29th April 1885.

P1

Barracks and Buildings Estimates.

No. 944 B

25/4/21

From

THE QUARTERMASTER-GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SIR,

I HAVE the honor, by order, to forward for sanction and transfer to the Public Works Department for disposal, the estimate, plan &c., below-mentioned which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned.

J.P.

I Estimate (Rs: 3020) for constructing additional works to the Agram Entrenchment at Bangalore with Specification

II. Plan

2. The necessity for the works is given in the Report of the Executive Engineer Presidency Division dated 8th Instant.

I have the honor to be

Sir

Your Obedient Servant.

R Stewart

Brigr Genl

Quarter Master General

En

...ty: (1885) Departt:

No. 2484
Rect. 4027

4 MAY 85

No. 2349

Approved and transferred to the Public Works Department for disposal

(By order)

A Kenney Herbert Lieutt Col
Offg Secy. to Government
Mily
2d May/85

From
The Quarter Mr Genl
To
The Secty: to Govt
M. D.

No. 944 B

Date 29 April
Despd 1st May
Recd 2d May

Enclosures. 2 (1 plan) (Rs 3,020)

Forwarding Plan & Estimate of the Agram Entrenchment approved for sanctioned & transfer to the P.W. Departt for disposal —

G. O. No 983 W. 27-4-85
" " 3061 W. 30-10-83
" " 467 W. 20-2-84
B. No 1734 W. 14-7-84
B. No 2387 W. 25-9-84
G. O. Nos 2626 W. / 2627 S. 27-10-84
G. O. Nos 495 / 496 W. 5-3-85. Orgl

Para 2 of No 983 W. / G.O. 27-4-85

O. S. 20/5

Resubmitted C. 19-5-85 R. 29-5-85

Public Works Department, 1885-86.

Sanction
CS
15-5-85

Current No. 4027 57/22
Letter No. 2349
Dated the 2nd May /85
From the Secy to Govt. - Mily Dept.

NOTE OF REMARKS.

1. The accompanying plan and supplementary estimate provide for additional work to construct a fortified post at Agram, Bangalore. The estimate amounts to Rs. 3,020, and is supplementary to that, Rs. 17,470, sanctioned in G. O. No. 3060 W. of the 30th October 1883.

2. The plan and estimate have been prepared with care and, subject to approval appear fully to meet the requirements of the case.

3. The plan and estimate have been countersigned by the Qr. Mr. Genl., and have been approved in the Mily Department. — They have not yet been submitted

C. 19-5-85 R. 29-5-85

19.5.6.

To S.E.V.

13th May/85
BH

NO. 4046 G.N.

3054/27

FROM,

THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO,

THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT.

DOWLAISHWARAM, 7th December 1885.

SIR,

I have the honor to request that you will be so good as to obtain an allotment of Rs 228 under "Excluded Local" "Port Fund" required for repairing the following works in the Ganjam Division.

Repairing obelisks of Barwa Port	Rs 137
Do Do of Sonapur Port	91
	228

I have the honor to be
Sir
Your most obedt. Servt.
W. A. Mathews Asst. Engr.
for Supdg. Engr. 1st Circle

R.D.

OIS W/5
Resubmitted to C. 19.5.85 D: 29.5.85

D.C.410771

FROM,

THE SUPERINTENDING ENGINEER
FIRST CIRCLE.

TO,

THE CHIEF ENGINEER
PUBLIC WORKS DEPARTMENT.

DATED 7th
DESPATCHED 7th } December 1885
RECEIVED

1? DEC 85

No. 4045.N

ENCLOSURES. nil

Certain Works in the Ganjam Division under "Excluded Local" "Port Fund". — Requests to obtain an allotment of Rs 228 for —

OLS 20/5
Reimbursed to C. 19.5.85 D. 29.5.85

PUBLIC WORKS DEPARTMENT.

No. 1250 W

305/25

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 29th May 1885

READ the following

From the Quarter Master General - H. E. No: 944 B d/29th April 1885
Endorsement thereon by the Military Deptt. H. E. No: 2349 d/2nd May 1885.

The estimate amounting to Rs 3,020, for constructing additional works to the Fortified Post at Agram, Bangalore, is sanctioned as supplemental to the estimate sanctioned in G. O. No: 3060 W, dated 30th October 1883.

2. This sanction has been registered as Imperial, Ordinary, No: 14 W of 1885-86, and classified as Military, Original Works.

CS.
19.5.85

25.5.85

To The Supdg. Engr. V Circle with 4 enclos.
" Examiner P.W. Accts with general abs-estimate
" Military Department.

W 18/5

19.5.5.

4027

Govt. of (1885) Madras.

PUBLIC WORKS.

3/8/85 —

4-30 Am

Dated

Recd.

Encl.

G.O., 29 May 1885, No. 1250

Fortified Post at Agram, Bangalore

=

Est. for addl. works to the ——, sanctioned

65/5

Ad 2/16

No. 3054 W

PUBLIC WORKS DEPARTMENT.

3054/12

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the December 16 1885

READ the following

From the Supdg. Engineer I Circle. H. E. No. 404 G. N. d/ 7th December 1885.

The question of providing funds for the undermentioned works in the Ganjam District will be considered in the Financial Department:—

	Rs
Repairing obelisks of Barwa Port.	137
— Do — Do. Sonapur Port.	91
Total Rs.	228

2. The amount to be allotted is shown below:—

	Excluded Local Port Funds.
Works	228
Establishment	62
Tools and Plant	2
Total Rs	282

D 29/12

To The Supdg. Engr. I Circle ✓
" Examiner P. W. Accts ✓
" Financial Department.

(To The Chief Secretary for favor of counter-initials)

maj

16/12/85

16.12.85

1077

Govt. of [1885

PUBLIC WORK

Scy Go

19/12

Wm

Dated

Recd.

G.O., 18 Dec 1885, No.

Obelisks of Barw
and Sonapur

The Genl. Dept. to p
vide funds for —

50/LX

S.a. 19/12

19/12

1077

Govt. of {1885} Madras.

PUBLIC WORKS.

SC 7/5 G.O.

19/12

4/xii

Dated

Recd. Encl.

G.O., 18 Dec 1885, No. 30.

Obelisks of Barwa and Sonapur

The Civl dept. to provide funds for —

50/4

19/12

4/9/12

VES

TMENT