1

(1) பக்கங்களின் எண்ணிக்கை 26

(2) புதுக்கித் திருப்பிய நாள் 7/88

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணி துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். ~~1969~~ 2539—ம

அச்சகம்
பல்வகை

நாள் : 18-8-1888 ~~198~~ .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,006—15-6-87.

A. Mu

1888 2539 10 1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Lieutenant-Colonel E. COLLEN, Secretary to the Government of India, Military Department, to the Secretary to the Government of Madras, Public Works Department, dated Simla, 4th August 1888, No. 1499 M.W.

In reply to your No. 1970 W., dated 2nd July 1888, I am directed to convey the sanction of the Government of India to the transfer of Rs. 5,695 from the major to the minor works grant.

2. I am at the same time to point out that the transfer of Rs. 58 to Burma, stated in para. 5 of your No. 1969 W., dated 2nd July 1888, to have been made by the Director-General of Ordnance, should have been done with the approval of the Government of India. The transfer is hereby sanctioned.

ORDER—dated 18th August 1888, No. 2539 W., Public Works.

Communicated to the Examiner of Public Works Accounts.

2. The amount transferred to Burma with reference to para. 2 of the Government of India letter will be Rs. 72 as shown below:

	Rs.
Works	58
Establishment	13
Tools and Plant	1
Total ...	72

(True Extract.)

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

To the Examiner of Public Works Accounts.
" Military Department.
" Director-General of Ordnance in India.

Exd. F. R. Bantleman.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Gobt. of {1888} Madras.

PUBLIC WORKS.

Dated August, 18*th*.

Recd. *Encl.*

G.O., 18th Aug. 1888, No. 2539 W.

AUGUST.

Funds

Sanction of the Government of India to the transfer of Rs. 5,695 from the Military major to the minor works grant, and the transfer of Rs. 58 from the grant for minor ordnance works in the Madras Presidency, to the Burma Public Works Department, communicated to the Examiner of Public Works Accounts.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From the Superintending Engineer,			I	Circle,	dated	11th May 1888,	No. 95, G.L.
,,	,,	,,	I	,,	,,	22nd ,, ,,	,, 95, V.Z.
,,	,,	,,	II	,,	,,	22nd and 24th May 1888 (two statements).	
,,	,,	,,	III	,,	,,	30th April 1888 (three statements)	
,,	,,	,,	IV	,,	,,	9th May ,,	No. 174, E.W.
,,	,,	,,	V	,,	,,	6th June ,,	,, 952.
,,	,,	,,	V	,,	,,	,, ,,	,, 953.
,,	,,	,,	V	,,	,,	,, ,,	,, 954.
,,	,,	,,	V	,,	,,	,, ,,	,, 955.
,,	,,	,,	V	,,	,,	,, ,,	,, 957.
,,	,,	,,	VI	,,	,,	6th May ,,	,, 131, T.C.
,,	Consulting Architect to Government			,,		10th ,, ,,	,, 212.

ENCLOSURES.

A.—STATEMENT showing the amounts applied for and those granted under Imperial—Military and Civil Works.

Divisions.	AMOUNTS APPLIED FOR								AMOUNTS ALLOTTED.							
	Minor Works.				Repairs.				Minor Works.				Repairs.			
	Military.	Civil Works.			Military.	Civil Works.			Military.	Civil Works.			Military.	Civil Works.		
		Postal.	Telegraph.	Salt.		Postal.	Telegraph.	Salt.		Postal.	Telegraph.	Salt.		Postal.	Telegraph.	Salt.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Ganjam	1,120	..	..	..	1,000	..	..	..	..	..	..	..	1,000	200	..	..
Rushikulya	..	..	..	..	..	..	..	..	..	..	..	..	5,000	500	500	..
Vizagapatam	344	100	..	..	7,100	1,000	500	..	..	..	..	..	* 330	500	400	..
Godávari, Eastern	..	..	..	..	2,700	1,000	400	..	..	..	..	..	..	..	..	..
Do. Central	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Do. Western	..	..	..	..	..	..	..	..	..	..	..	..	..	150	250	..
Kistna, Eastern	..	..	..	..	..	150	250	..	..	..	..	..	..	100	100	..
Do. Western	..	..	..	..	..	100	100	..	..	..	..	..	300	100	..	..
Nellore	..	..	..	..	300	100	..	..	..	..	..	..	..	..	..	..
Buckingham Canal	..	..	..	..	..	..	..	..	..	..	..	..	† 41,100	200	200	..
Bellary	2,500	..	..	..	52,985	200	200	..	..	..	..	..	600	200	..	..
Cuddapah	..	..	..	..	600	200	..	..	..	..	..	..	600	200	..	..
Kurnool	..	..	..	..	600	200	..	..	..	..	..	..	25,000	1,300	200	..
Nilgiri	2,500	720	..	..	34,490	1,620	200	..	..	..	..	..	20,000	800	..	..
West Coast	1,290	300	..	..	26,000	800	..	..	..	..	..	..	5,000	200	..	..
Coimbatore	500	..	..	..	7,000	200	..	..	..	..	..	..	2,000	100	..	..
North Arcot	3,970	100	..	..	2,000	100	..	..	..	..	..	..	180	100	..	..
South Arcot	..	1,184	525	..	180	113	..	..	..	..	..	..	25,000	..	..	..
Chingleput	13,300	..	..	..	30,000	..	..	..	..	..	..	..	1,65,000	1,000	..	..
Presidency	29,000	1,000	..	..	1,75,000	1,500	..	..	..	..	..	..	500	300	..	..
Tanjore	..	..	..	..	500	300	..	..	..	..	..	..	180	..	110	..
Negapatam	..	..	..	..	180	..	110	..	..	..	..	..	5,000	100	..	..
Trichinopoly	..	450	310	..	5,000	100	..	..	..	..	..	..	240	100	50	..
Madura	..	100	..	..	240	100	50	..	..	..	..	..	600	300	200	..
Tinnevelly	..	..	..	..	600	300	200	..	..	..	..	..	..	550	700	..
Architect	..	..	..	..	..	800	700	..	..	..	..	..	..	..	..	..
Officers commanding divisions and districts	..	..	..	..	..	..	..	..	5,208	..	..	..	..	..	..	..
Inspector-General of Ordnance ..	..	..	..	..	..	..	..	..	2,433	..	..	..	..	..	..	..
Director-General of Telegraphs ..	..	..	..	..	..	..	..	..	..	..	4,000	..	..	..	1,290	..
Reserve with the Government ..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..	..
Total ..	45,524	3,954	635	..	3,46,385	8,383	2,710	..	7,641	..	4,000	..	2,97,680	7,000	4,000	..

* Excludes Rs. 2,370 allotted in G.O. No. $\frac{1267\ W.}{A}$, dated 1st May 1888.

† Includes provision of funds promised in G.Os. Nos. 76 W. and 1640 W., dated 10th January and 5th June 1888.

B.—STATEMENT of requirements on account of Imperial incomplete works of 1887-88 and of new works sanctioned, but not commenced.

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	AMOUNTS APPLIED FOR, FOR 1888-89.		AMOUNTS ALLOTTED		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		IMPERIAL.	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
		CIVIL WORKS.										
		Minor Works.										
Architect ..	1	Alterations and improvements to the outside latrine of the Central Telegraph office, Madras.	80	....	56	24	24	..	..	..	1	No appropriation necessary under Code para. 1908, Part III.
	2	Providing colored glass, including frames, &c., to the Superintendent's bath-room, Telegraph office, Madras.	205	....	154	51	51	..	..	..	2	
	3	Ceiling with teak planking the bedroom of the Superintendent of Telegraphs, Madras.	411	....	138	273	273	..	..	..	3	
		Total ..	..	....	..	..	348	..	..	..		
		Major Works.—Nil.										
		IMPERIAL.										
		MILITARY WORKS.										
		Minor Works.										
Ganjam ..	4	Constructing a Commissariat storeroom and office in the compound of the Military hospital at Berhampore.	2,290	G.O. No. 3167 W., dated 22nd November 1887.	..	2,290	..	2,290	..	..	4	No funds are available.
	5	Constructing a new school-house for the Native Infantry Regiment at Berhampore.	1,390	G.O. No. 3536 W., dated 10th December 1883.	..	1,390	..	2,450	..	2,450	5	From minor works grant, *vide* G.O. No. 1228 W., dated 26th April 1888. Revised estimate is awaited.
								1,000	..	..	6	No funds are available.
	6	Extension of the main drain of the regimental lines at Berhampore.	..	....	..	..	..	1,530	..	..	7	Do. do.
Vizagapatam ..	7	Magazine for the 16th Regiment, Native Infantry, at Vizianagrum.	1,530	G.O. No. 278 W., dated 5th February 1885.	..	1,530	..	515	..	..	8	
	8	Additions to the regimental hospital at Vizianagrum.	515	G.O. No. 179 W., dated 21st January 1884.	..	515	..	545	..	..	9	
	9	Improvements to the hospital of the 16th Regiment, Native Infantry, at Vizianagrum.	545	G.O. No. 1746 W., dated 16th July 1884.	..	545	..					

B.—Statement of requirements on account of Imperial incomplete works of 1887-88, &c.—*cont.*

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amounts applied for, for 1888-89.		Amounts allotted		Item No.	Remarks.
							For incomplete works.	For new works.	For incomplete works.	For new works.		
1	2	3	4	5	6	7	8	9	10	11	12	13
		IMPERIAL.—*cont.*	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
		MILITARY WORKS.—*cont.*										
		Minor Works.—cont.										
	10	Compound wall for the quarters of the army hospital corps at Bellary.	1,346	G.O. No. 790 W., dated 31st March 1885.	..	1,346	..	1,346	..	..	10	
	11	Compound wall with two gates to enclose the female hospital attached to the station hospital at Bellary.	1,300	G.O. No. 3662 W., dated 20th December 1883.	..	1,300	..	1,300	..	..	11	
	12	Compound wall for the medical subordinate's quarters at the station hospital, Bellary.	535	G.O. No. 611 W., dated 6th March 1884.	..	535	..	535	..	..	12	No funds are available.
	13	Enlarging a well in the cantonment at Bellary.	854	G.O. No. 2949 W., dated 9th December 1885.	..	854	..	854	..	..	13	
	14	Providing pipes to carry off rain water from the roofs of the buildings occupied by the Royal Artillery at Bellary.	1,690	G.O. No. 863 W., dated 19th March 1887.	..	1,690	..	1,690	..	..	14	
	15	Gratings for wash-houses, Bellary.	..	....	..	..	..	220	..	220	15	From minor works grant, *vide* G.O. No. 1758 W., dated 12th June 1888.
Bellary ..	16	Constructing a dining shed for the patients in the cock hospital, Bellary.	511	G.O. No. 1511 W., dated 4th June 1887.	51	460	623	..	..	..	16	The cost should be debited to cantonment funds; not to military works grant.
	17	Reconstructing the compound wall round the forage yard of the S/1st Royal Artillery at Bellary.	1,609	G.O. No. 96 W., dated 11th January 1888.	486	1,123	1,123	..	1,123	..	17	From minor works grant.
	18	Constructing three platforms for stacking grass for the horses of the S/1st Royal Artillery at Bellary.	1,489	G.O. No. 417 W., dated 6th February 1888.	244	1,245	1,245	..	..	..	18	No funds can be provided until receipt of reply to G.O. No. 1666 W., dated 6th June 1888.
	19	Dismantling and re-roofing the coffee shop, Royal Artillery, at Bellary with Mangalore tiles.	1,063	G.O. No. 167 W., dated 20th January 1886.	948	115	607	..	607	..	19	From minor works grant.
	20	Ammunition boxes	585	G.O. No. 1052 W., dated 7th April 1888.	..	585	..	585	..	585	20	From minor works grant, *vide* G.O. No. 75 W., dated 9th January 1888.
	21	Laying 2-inch pipes from the drinking cistern to the station hospital at Wellington.	2,226	G.O. No. 893 W., dated 2nd April 1886.	686	1,540	1,540	..	1,540	..	21	From minor works grant.
	22	Ammunition boxes	..	....	..	..	..	390	..	390	22	From minor works grant, *vide* G.O. No. 1158 W., dated 17th April 1888.
	23	Providing cooking stoves for staff sergeants' quarters at Wellington.	536	G.O. No. 1476 W., dated 11th June 1886.	..	536	..	536	..	..	23	No funds are available.
Nilgiri ..	24	Levelling the rifle range at Wellington.	1,050	G.O. No. 2492 W., dated 21st September 1887.	..	1,050	..	1,050	..	..	24	
	25	Reconstructing the compound wall of the lock hospital, Wellington.	1,085	G.O. No. 612 W., dated 21st February 1888.	..	1,085	..	1,085	..	..	25	The Government of India have decided that the cost should not be debited to the grant for military works, *vide* G.O. No. 1677 W., dated 7th June 1888.
	26	Alterations and Improvements to No. V barrack at Wellington for providing Regimental Institutes.	..	....	..	..	..	525	..	..	26	No funds are available.
	27	Constructing a slaughter-house and hanging shed at the West Hill barracks, Calicut.	1,954	G.O. No. 2548 W., dated 2nd November 1885.	895	1,059	1,059	..	1,059	..	27	From minor works grant.
	28	Converting into a bakery the cook-room at the West Hill barracks, Calicut.	1,010	G.O. No. 2740 W., dated 16th November 1885.	407	603	603	..	603	..	28	
	29	Converting the beer godown at Malapuram into a gymnasium-shed.	790	G.O. No. 348 W., dated 18th February 1885.	..	790	..	790	..	..	29	No funds are available.
	30	Providing ammunition boxes to the Military buildings in the West Coast division.	600	G.O. No. 1158 W., dated 17th April 1888.	..	600	..	600	..	600	30	From minor works grant, *vide* G.O. No. 1158 W., dated 17th April 1888.
	31	Constructing two servants' room and stables for the quarters occupied by the Assistant Apothecary, station hospital, West Hill barracks, Calicut.	606	G.O. No. 3805 W., dated 3rd December 1887.	..	606	..	606	..	..	31	
West Coast ..	32	Constructing a platform and pump for a well at the Malapuram barracks.	1,110	G.O. No. 1034 W., dated 2nd May 1885.	..	1,110	..	1,110	..	..	32	
	33	Constructing a permanent verandah for the Quartermaster's stores, Native Infantry Regiment, Mangalore.	630	G.O. No. 1648 W., dated 1st July 1884.	..	630	..	630	..	..	33	
	34	Substituting asphalte for chunam in the flooring of the wards and surgery of the hospital attached to the Native Infantry Regiment, Mangalore.	695	G.O. No. 1647 W., dated 1st July 1884.	..	695	..	695	..	..	34	No funds are available.
	35	Flooring with tar composite the Native Infantry place-of-arms at Mangalore.	653	G.O. No. 285 W., dated 6th February 1885.	..	653	..	653	..	..	35	
	36	Petty improvements to the regimental lines at Mangalore.	671	G.O. No. 1973 W., dated 23rd July 1887.	..	671	..	671	..	..	36	
	37	Constructing solitary cells attached to the barracks at Quilon.	1,245	G.O. No. 1801 W., dated 12th July 1887.	..	1,245	..	1,245	..	..	37	

B.—Statement of requirements on account of Imperial incomplete works of 1887-88, &c.—*cont.*

Division.	Item No.	Name of Work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amounts applied for, for 1888-89. For incomplete works.	Amounts applied for, for 1888-89. For new works.	Amounts allotted. For incomplete works.	Amounts allotted. For new works.	Item No.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13
		IMPERIAL—*cont.*	Rs.		Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
		MILITARY WORKS—*cont.*										
		Minor Works—cont.										
Presidency ..	38	Converting a portion of lower story of regimental workshops, Fort St. George, into an armourer's shop for a regiment of European infantry.	2,367	G.O. No. 13 W., dated 5th January 1885.	664	1,703	1,703	..	1,703	..	38	From minor works grant.
	39	Constructing a wheat store for the Government bakery at Teynampett.	1,785	G.O. No. 1868 W., dated 5th July 1883.	672	1,113	1,113	..	1,113	..	39	
	40	Fixing corrugated iron roof over the passage between the hospital godowns Nos. 1 and 2 attached to the Commissary-General's Office, Madras.	1,520	G.O. No. 3026 W., dated 10th November 1887.	240	1,280	1,280	..	1,280	..	40	
	41	Works ordered to be stopped for want of funds in 1887-88.	..	....	..	..	..	1,266	..	..	41	No funds are available.
	42	Ammunition boxes	..	....	..	..	..	2,440	..	2,440	42	From minor works grant, *vide* G.O. No. 1378 W., dated 11th May 1888.
	43	Providing arm-racks to Nos. 1 and 2 of the married sergeants' quarters in the British Infantry barracks, Bangalore.	466	G.O. No. 1248 W., dated 27th April 1888.	..	466	..	466	..	466	43	From minor works grant, *vide* G.O. No. 1248 W., dated 27th April 1888.
	44	Removing the walls at the west end of the old cavalry stables at Agram, Bangalore, and rebuilding them at the ends of the new stables.	749	G.O. No. 264 W., dated 23rd January 1888.	..	749	..	749	..	749	44	From minor works grant, *vide* G.O. No. 264 W., dated 23rd January 1888.
North Arcot ..	45	Ammunition boxes	..	....	..	..	..	70	..	70	45	From minor works grant, *vide* G.O. No. 1378 W., dated 11th May 1888.
Chingleput ..	46	Works ordered to be put in hand in the last official year (1887-88), but on which no expenditure has been incurred.	..	....	..	..	..	1,462	..	..	46	No funds are available.
	47	Ammunition boxes	..	....	..	..	..	300	..	300	47	From minor works grant, *vide* G.O. No. 1378 W., dated 11th May 1888.

Trichinopoly ..	48	Altering into workshops buildings of 4th Madras Pioneers at Trichinopoly.	..	....	..	..	..	1,915	..	..	48	No funds are available.
Negapatam ..	49	Constructing bath-rooms and kitchen to the old taluk cutcherry occupied by sergeant instructors of South Indian Railway Volunteer Ride Corps at Negapatam.	..	....	..	..	..	700	..	700	49	From minor works grant, *vide* G.O. No. 1669 W., dated 7th June 1888.
		Total ..	..	....	..	..	10,896	33,841	9,028	8,970		
		Ordnance.										
Bellary.	50	Converting No. 5 division workshop in the Arsenal at Bellary into an office for the gate conductor.	1,750	G.O. No. 1270 W., dated 19th May 1886.	..	1,750	..	1,750	..	..	50	No funds are available.
	51	Additions to the gate conductor's office attached to the Arsenal at Bellary.	1,464	G.O. No. 2232-A W., dated 20th August 1887.	..	1,464	..	1,464	..	..	51	
	52	Erecting a verandah to the godowns north side of the Arsenal in the fort at Bellary.	1,935	G.O. No. 2562 W., dated 27th September 1887.	..	1,935	..	1,935	..	..	52	
Presidency.	53	Alterations to the store-room Grand Arsenal XIII division, Fort St. George.	290	....	..	290	..	290	..	..	53	Do. do. do.
	54	Constructing V-shaped surface drains in rear of Ordnance lines, North Esplanade, Madras.	758	G.O. No. 1453 W., dated 17th May 1888.	..	758	..	758	..	..	54	
	55	Reconstructing the police guard-room at the Gun Carriage Factory, Madras.	2,460	G.O. No. 2705 W., dated 13th October 1887.	..	2,460	..	2,460	..	2,460	55	From minor works grant, *vide* G.O. No. 972 W., dated 26th March 1888.
	56	Extending and enclosing verandahs of steam hammer-sheds, Gun Carriage Factory, Madras	904	G.O. No. 3082 W., dated 11th November 1887.	328	576	576	..	576	..	56	From minor works grant.
	57	Providing a canvas screen to the office of the Inspector-General of Ordnance, Fort St. George.	40	....	..	40	..	40	..	..	57	No funds are available.
	58	Improvements to two gun-sheds, Gun Carriage Factory, Madras.	2,420	G.O. No. 3419 W., dated 15th December 1887.	..	2,420	..	2,420	..	2,420	58	From minor works grant, *vide* G.O. No. 972 W., dated 26th March 1888.
	59	Converting into a room the south-east corner of the smith's shed at the Gun Carriage Factory, Madras.	270	....	..	270	..	270	..	..	59	No funds are available.
Chingleput	60	Making an opening in the north wall of cap-room of Ordnance Department and fixing a sliding door, St. Thomas' Mount.	230	....	..	230	..	230	..	..	60	Do. do. do.
	61	Re-roofing the cap-room of the Ordnance Department, St. Thomas' Mount.	2,140	G.O. No. 1493 W., dated 21st May 1888.	..	2,140	..	2,140	..	..	61	

B.—Statement of requirements on account of Imperial incomplete works of 1887-88, &c.—*cont.*

Division.	Item No.	Name of work.	Amount of estimate.	Number and date of sanction.	Past expenditure.	Balance of estimate.	Amounts applied for, for 1888-89. For incomplete works.	Amounts applied for, for 1888-89. For new works.	Amounts allotted For incomplete works.	Amounts allotted For new works.	Item No.	Remarks.
1	2	3	4	5	6	7	8	9	10	11	12	13
		IMPERIAL—*cont.*	RS.		RS.	RS.	RS.	RS.	RS.	RS.		
		MINOR WORKS—*cont.*										
		Ordnance—cont.										
Chingleput	62	Providing copper bolts to the magazine of the 15th Native Infantry Regiment at Pallávaram.	30	....	..	30	..	30	..	..	62	
	63	Re-modelling the lightning conductors of the expense magazine, Royal Artillery, at St. Thomas' Mount.	1,210	G.O. No. 2680 W., dated 31st October 1884.	..	1,210	..	1,210	..	..	63	
	64	Improving the sergeants' quarters, reserve powder magazine, St. Thomas' Mount.	585	G.O. No. 2557 W., dated 2nd November 1885.	..	585	..	585	..	..	64	No funds are available.
	65	Improving lightning conductor to the reserve powder magazine, St. Thomas' Mount.	640	G.O. No. 688 W., dated 5th March 1887.	..	640	..	640	..	..	65	
	66	Providing a gate to the old laboratory compound of the small magazine, St. Thomas' Mount.	113	....	..	113	..	113	..	..	66	
		Total ..	..	....	..	..	576	16,385	576	4,880		
		MAJOR WORKS.										
Vizagapatam ..	67	Constructing a store-shed for the 16th Regiment, Madras Native Infantry, at Vizianagrum.	3,480	G.O. No. 2628 W., dated 27th October 1884.	..	3,480	..	3,480	..	..	67	No funds are available.
Bellary ..	68	Constructing collar makers' and wheelers' shop, Royal Artillery, at Bellary.	5,663	G.O. No. 914 W., dated 3rd April 1884.	5,663	..	512	..	512	..	68	From the reserve for incomplete major works.
	69	Re-roofing the verandah of the married range of the European Infantry barracks at Bellary.	13,307	G.O. No. 3420 W., dated 15th December 1887.	..	13,307	..	13,307	..	..	69	No funds are available.
	70	Constructing quarters for three purveyors at Bellary.	3,046	G.O. No. 771 W., dated 7th March 1888.	..	3,046	..	2,000	..	..	70	
	71	Quarters for three Apothecaries at Wellington.	..	....	..	..	..	9,500	..	..	71	In addition to Rs. 6,500 provided in the budget. No funds are available.
Nilgiri ..	72	Converting Sapper hospital into quarters for two sergeant instructors of the Nilgiri Volunteer Rifles, Ootacamund.	3,600	G.O. No. 1068 W., dated 9th April 1888.	..	3,600	..	3,600	..	..	72	No funds are available.
	73	Quarters for three purveyors at Wellington.	4,750	G.O. No. 615 W., dated 21st February 1888.	..	4,750	..	4,750	..	..	73	
West Coast ..	74	Constructing armourer's shop ..	..	....	..	..	..	5,590	..	..	74	Do. do.
	75	Constructing a fortified post at Malapuram.	8,248	G.O. No. 3114 W., dated 18th November 1887.	..	8,248	..	8,248	..	..	75	
Presidency ..	76	Converting the sergeants' mess and adjacent godowns into a latrine and lavatory for single men's barracks, Fort St. George.	25,097	G.O. No. 3000 W., dated 9th November 1887.	15,324	9,773	3,820	..	3,820	..	76	From the reserve for incomplete major works.
	77	Converting the racket court, Fort St. George, into a covered gymnasium.	11,890	G.O. No. 1552 W., dated 20th June 1884.	9,754	2,136	2,206	..	2,206	..	77	
	78	Extending and raising the existing stop butt, Veyasarpady Rifle ranges, Madras.	..	....	145	..	6,168	..	..	..	78	The question of providing funds for the work will be considered on receipt of estimate.
	79	Constructing quarters for European station butcher, Bangalore.	3,860	G.O. No. 2945 W., dated 5th November 1887.	2,120	1,740	1,740	..	1,740	..	79	From the reserve for incomplete major works.
	80	Water-supply, Bangalore ..	..	....	..	..	..	2,000	..	2,000	80	From the reserve for incomplete major works, *vide* G.O. No. 2810 W., dated 20th October 1887.
		Total ..	..	....	..	..	14,446	52,475	8,278	2,000		
		Ordnance.										
Chingleput ..	81	Alterations and improvements to the barrel racks, reserve powder magazine, St. Thomas' Mount.	2,505	G.O. No. 2416 W., dated 15th October 1885.	882	1,623	1,623	..	1,623	..	81	From the minor works grant for ordnance works.
		Total ..	..	....	..	..	1,623	..	1,623	..		

ORDER—dated 2nd July 1888 No. 1969 W., Public Works.

With the papers above recorded, the Superintending Engineers and the Consulting Architect to Government submit statements of demands under Imperial Military and Civil Works, in lump sum, against each division, for minor new works and repairs, and, in detail, for incomplete works of 1887-88 and for new works proposed to be undertaken in the current official year.

2. Under "Military," the demands for major original works amount to—

	Rs.
Incomplete works	14,446
New works	52,475
Total ...	66,921

while the budget grant for incomplete major works amounts to only Rs. 15,973. Of this sum, Rs. 8,278 for incomplete works and Rs. 2,000 to meet payment of the honoraria referred to in G.O. No. 2810 W., dated 20th October 1887, have been allotted; and the balance (Rs. 5,695) has been transferred, in anticipation of sanction by the Government of India, to the grant for minor works, which will then exceed the average outlay of the five previous years on such works.

3. A sum of Rs. 3,820 has been allotted for completing the conversion of certain buildings in Fort St. George into barracks for sixty single men, as the special grant applied for in para. 7 of G.O. No. 1199 W., dated 23rd April 1888, has not yet been sanctioned by the Government of India.

4. The demands for minor works, ordinary, amount to—

	Rs.
Incomplete works	10,896
New works	33,841
Total ...	44,737

and the budget grant for the purpose amounts to Rs. 20,000; but allotments, aggregating Rs. 2,489, having been already made, *vide* Proceedings of Government noted in the margin, the balance available for distribution is now Rs. 17,511. Adding to this sum, Rs. 5,695, transferred from major works, the total amount available for minor works will be Rs. 23,206. Of this sum Rs. 17,998 have been allotted for incomplete works of 1887-88 and for new works considered emergent; and the balance (Rs. 5,208) has been placed at the disposal of the officers commanding divisions and districts, to whom the Superintending Engineers should apply for funds for such works as are indispensably necessary.

Dated 19th April 1888, No. 1178 W.
" 21st May " " 1502 W.

5. The budget grant for minor ordnance works is Rs. 9,570. But the Director-General of Ordnance having transferred a sum of Rs. 58 to Burma, *vide* G.O. No. 1549 W., dated 25th May 1888, the balance available for allotment is Rs. 9,512, while the demands amount to Rs. 18,584 as shown below:—

	Rs.
Incomplete minor works	576
Minor new works	16,385
Incomplete major works	1,623
Total ...	18,584

Allotments have been made to the extent of Rs. 7,079 for incomplete works of 1887-88 and for new works for which funds have been promised; and the balance (Rs. 2,433) has been placed at the disposal of the Inspector-General of Ordnance, to whom Superintending Engineers will apply for further funds required.

6. The amount reserved for military repairs is Rs. 3,00,000; but a sum of Rs. 2,370 having been allotted to the Godávari, Eastern Division, *vide* G.O. No. 1267-A.W., dated 1st May 1888, the amount now available is Rs. 2,97,630. As the demands under this head amount to Rs. 3,46,385, they have been reduced * so as to bring the allotments within the available grant.

* Statement A.

7. Under "civil works" the demands against original works, telegraphs, amount to Rs. 348; but in each case the demand is within Rs. 500, and it is on account of incomplete work of the previous year. Specific appropriation of funds is not, therefore, necessary, *vide* Code para. 1908, Part III. The budget grant of Rs. 4,000 for works under this head will, therefore, be placed at the disposal of the Director-General of Telegraphs, to whom Superintending Engineers should apply for funds, if required hereafter.

8. The allotments under postal and telegraph repairs will be found in Statement A. The demands under postal repairs have been reduced to Rs. 7,000 to bring the sum within the provision in the budget.

9. Ordered that a copy of these Proceedings be forwarded to the Government of India in the Military Department, with a request that the transfer of Rs. 5,695 from major to minor works referred to in para. 2 may be sanctioned at an early date.

(Here enter dated 2nd July 1888, No. 1970 W.)

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Consulting Architect to Government.
" Examiner, Public Works Accounts.
" Director-General of the Post Office of India.
" Director-General of Telegraphs.
" Military Department.

ENDORSEMENT—dated 2nd July 1888 No. 1970 W., Public Works.

Forwarded.

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

Exd. F. R. Bantleman.
Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated July, 2nd.

Recd. *Encl.*

G.O., 2nd July 1888, Nos. 1969, 1970 W.

7539 W

JULY.

Funds

Forwarding copy of Proceedings distributing — under Imperial Military and Civil Works for incomplete and minor new works and repairs.

Appendix to G.O., No. 189 W., dated 17th January 1888.

Abstract of the Budget Estimate of Expenditure on Ordnance Works in Madras for the year from 1st April 1888 to 31st March 1889.

Head of Classification.	Executive Division.	Local by.	Item No.	Projects and Works.	Amount of Estimate.	Outlay. Actual to end of 1886-87.	Outlay. Probable during 1887-88.	Grant, 1888-89. Works in progress.	Grant, 1888-89. Works not commenced.	Grant, 1888-89. Total.	Item No.	Remarks and References.
					Rs.	Rs.	Rs.	Rs.	Rs.	Rs.		
				IMPERIAL, ORDINARY.								
				MILITARY.								
				Original Works.								
2. Ordnance Works.	Bellary	Bellary ..	1	New workshops for the Arsenal.	..	..	6,858	18,000	..	..	1	Estimate is awaited.
	Do.	Do. ..	2	Armourer's shop for the Arsenal.	..	..	..	..	4,650	..	2	Do. do.
	Presidency	Madras ..	3	Turner's shop, Gun Carriage Factory.	..	..	..	..	10,000	..	3	Do. do.
	Do.	Do. ..	4	Extra accommodation as store room in the Gun Carriage Factory.	6,245	..	..	..	6,000	..	4	G.O. No. 2946 W., dated 6th November 1887.
	Do.	Do. ..	5	Constructing a new shed at the Camp Equipage Depôt.	6,935	..	..	..	6,935	..	5	G.O. No. 2758 W., dated 17th September 1887.
	..	..	6	Minor works ..	..	..	..	..	9,570	..	6	
	..	..		Total ..	..	..	..	18,000	37,155	55,155		

Original Works ... { In progress ... 18,000
{ Not commenced ... 37,155
Establishment 12,698
Tools and Plant 827
Total ... 68,680

21585/8

GOVERNMENT OF MADRAS

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper:—

From Colonel R. F. LOWIS, Director-General of Ordnance in India, to the Secretary to the Government of Madras, Public Works Department, dated Agra, 2nd January 1888, No. 90 E. (Tour).

With reference to the correspondence ending with my No. 62 E (Tour), dated the 16th December 1887, I have the honor to forward the following list of ordnance works which it is desired should be undertaken in the order shown in the Madras Presidency during the official year 1888-89. The amount available for each work is as entered opposite it, and is, it will be noted, in addition to the usual charges for establishment, tools and plant:—

Description of work.	Required for	Amount.	Remarks.
		Rs.	
Workshop	Bellary Arsenal ...	18,000	Or only Rs. 8,000 if the Rs. 10,000 allotted this year is spent on this work before 31st March next.
Turners' shop	Gun Carriage Factory, Madras.	10,000	
Store-rooms	Do. ...	6,000	
Guard-room	Do. ...	2,570	
Armourers' shop	Bellary Arsenal ...	4,650	
Receipt and Issue godown near Arsenal gate.	Rangoon Arsenal ...	2,500	If desired, this will be communicated direct to the Public Works Department, British Burmah.
Shed	Camp Equipage Depôt, Madras.	6,935	
Minor and petty works for Ordnance establishments in the Madras Presidency as required.	.....	7,000	
	Total ...	57,655	
	Add percentage for establishment, tools and plant ...	14,145	
	Grand Total ...	71,800	

2. I trust every endeavour will be made to prepare the necessary plans and estimates as soon as possible, and to finish the works in question before the 31st March 1889.

3. As heretofore the plans and estimates, when ready, should be sent to the Inspector-General of Ordnance, Madras Circle, for approval and countersignature.

4. I shall be obliged by being informed, on 1st August 1888, of the progress made towards the completion of the several works, and whether they are all likely to be completed, or not, before the end of 1888-89, to enable me to frame the annual statement of buildings for 1889-90, which is due to the Government of India on 1st October 1888.

5. Under the authority of the Public Works Department Code, the Inspector-General of Ordnance has, I believe, power to sanction petty works, the estimated cost of which, in each case, does not exceed Rs. 500. The cost of the petty works, as required, is included in the allotment for minor and petty works.

Order—dated 17th January 1888, No. 189 W., Public Works.

Ordered that the accompanying list of ordnance works, proposed by the Director-General of Ordnance for execution during 1888-89, be printed and circulated for the information and guidance of the officers concerned, and four copies forwarded to the Government of India with the intimation that the works detailed therein will, with the approval of the Government of India, be embodied in the final issue of the military works budget for 1888-89.

2. The sum of Rs. 71,800 allotted by the Director-General of Ordnance includes Rs. 3,120 * for a receipt and issue godown near Arsenal Gate, Rangoon. As this work is outside the Public Works Department limits of the Madras Presidency, the grant will be replaced at the disposal of the Director-General for assignment to the Public Works Department of British Burmah. The difference, Rs. 68,680, will be treated as the total assignment for ordnance works of this presidency.

	Rs.
* Works	2,500
Establishment and tools and plant...	620
Total ...	3,120

3. For the new workshops for the Arsenal at Bellary the Director-General has provided Rs. 18,000 on the supposition that a portion of the current year's grant of Rs. 10,000 for the work will be spent before the close of the year. But as the estimate is still unsanctioned it is not likely that there will be a large expenditure on the work in the current year. The amount allotted by the Director-General for next year may, however, stand, subject to reduction if found necessary hereafter.

4. For constructing the police guard-room at the Gun Carriage Factory, Madras, a sum of Rs. 2,570 has been provided under Major Works, but the estimate sanctioned † for the work amounts to Rs. 2,460 only. It will therefore be classed as a minor work, and the provision of Rs. 2,570 added to the lump sum grant for "Minor Works," which will then amount to Rs. 9,570. This sum will, as usual, be held at the disposal of Government; and, after providing for incomplete works of the current year, the balance will be placed at the disposal of the Inspector-General of Ordnance for appropriation for such works as he may consider necessary. Superintending Engineers will, in submitting their statements of demands for incomplete and minor works under Imperial, Military, prepare separate lists for ordnance works.

† *Vide* G.O., No. 2705 W., 13th Oct. 1887.

5. Plans and estimates for items 1 to 3 should be submitted as early as possible to admit of the grants being utilised, the approval and countersignature of the Inspector-General of Ordnance, Madras, being obtained in the first instance, as pointed out in paragraph 3 of the Director-General's letter.

6. The attention of all Superintending Engineers is drawn to paragraph 4, in view to the required information being furnished by those officers to the Director-General by 1st August of every year.

2519/19

7. With reference to paragraph 5 of his letter, the Director-General is informed that, under paragraph 1073 of the Madras Public Works Code, the Inspector-General of Ordnance is empowered to sanction estimates for minor works to the extent of Rs. 500 in each case.

(Here enter No. 190 W., dated 17th January 188 8.)

(True Extract.)

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secretary to Govt., P.W.D.

To Superintending Engineers.
To the Examiner, Public Works Accounts.
" Military Department.
" Director-General of Ordnance in India.

Endorsement—dated 17th January 1888, No. 190 W., Public Works.

Copy of the above forwarded to the Government of India, Military Department.

(Signed) H. R. MEAD, Colonel, R.E.,
Joint Secretary to Govt., P.W.D.

Fxd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
MILITARY WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated January, 17th.

Recd. *Encl.*

G.O., 17th Jan. 1888, No. 190 W.

JANUARY.

Ordnance Works

Forwarding copy of orders on list of — proposed for execution during 1888-89.

ORDNANCE DEPARTMENT.

X 5803

No. 1023 C.

FROM

THE DIRECTOR-GENERAL OF ORDNANCE in India,

TO

THE Secretary to the
Government of Madras,
Public Works Department.

Dated Simla 15th May 1888.

Sir,

I have the honor to solicit that Rs. 58--- may be transferred to the Public Works Department, British Burmah, from the amount allotted for minor and petty works for Ordnance establishments in the Madras Presidency for the current official year.

2. The sum in question is urgently required for making a ceiling in the room at the main gate of the Arsenal at Rangoon.

I have the honor to be,
Sir,
Your most obedient servant

A. T. Lewis Colonel
Director-Genl of Ordnance in India

No. 1900 W d/17-1-88.

P.W.C. No. 474

No. 1549 W d/25th Jany 188[illegible]

B/ 1.

The Government see no objection to the transfer of Rs 58 to British Burmah from the Ordnance minor works grant of this Presidency.

The sum available for minor works will then amount to Rs 9572.

Rg 21.5.88

[illegible]
22.5.88

[illegible]
23/7/88

No. W 28/5

The D.G. of Ordnance [illegible]

M-D 18.

HEADING. Accounts.

No. 1499 M. W.

GOVERNMENT OF INDIA,

MILITARY DEPARTMENT.

2589/13 1P

Simla, the 4th August 1888.

It is requested that the above heading, with number and date of this communication, may be quoted in any subsequent correspondence on the subject.

To

THE SECRETARY TO THE GOVERNMENT OF MADRAS,
PUBLIC WORKS DEPARTMENT.

SIR,

In reply to your No. 1970 W. dated 2nd July 1888, I am directed to convey the sanction of the Government of India to the transfer of Rupees 5,695/- from the major to the minor works grant.

2. I am at the same time to point out that the transfer of Rupees 58/- to Burma stated in paragraph 5 of your No. 1969 W dated 2nd July 1888 to have been made by the Director General of Ordnance, should have been done with the approval of the Government of India. The transfer is hereby sanctioned.

I am, Sir,

Your most obedient servant,

J. E. Broadbent Major,

for Secretary to the Government of India

Copy

[illegible]

C.W.C. No 7946.

Copy to:-

The Director General of Ordnance in India.

The Accountant General, Public Works Deptt.

(9)

283/13

G.C. No 1969, 1970 W. of 2.7.88
B. No 1549 W. " 25.5.88
G.C. 190 W. B+R " 17.1.88
Mil. works

A/ No 4539 W d/15 August 188

Rec^d. 13-8-88-

Communicated to the Examiner P.W. Accts-

2. The amount transferred to Burma with reference to para 2 of the Govt of India letter will be Rs 72 as shown below.

Works Rs	58
Estabt	13
Tools & Plant	1
Total	72

15.8.88

Cu/

16/8/88

18/9

14/8
Copy Ch. Accts
Military Dept
Dir. General of Ordnance in India
25.8.88

25/8

Under orders

Govt. of {1888} Madras.

PUBLIC WORKS.

11/8

Dated

Recd. Encl.

G.O. 18th Augt 1888, No. 2539 W

Funds

Sanction of the Govt of India, to the transfer of Rs 5,695/.. from the Military Major, to the minor works grant, and the transfer of Rs 58/.. from the grant for minor Ordnance works in the Madras Presy, to the Burmah P.W.D. communicated to the Examiner P.W. accts.

90/5

S 20/8 Wd 20/8