Govt. of {1892} Madras.
MILITARY.

To
THE SUPERINTENDENT OF PENSIONS,
&c., &c., &c.

Dated July, 6th.

Issued

Recd. *Encl.*

G.O., 6th July 1892, No. 4208.

JULY.
Nos. 63-64.

Pensions.

Inspection Report.—Orders passed on the — submitted by the Superintendent of Pensions on certain Pension offices in the Madras Presidency during 1891-92.

No 2028 W.S. 19 July 1892

Communicated to

Offices of the Public

Works Department

with reference to para/page

3 of the Proceedings.

(Sd). J.S.

To The C.E. of N.

" C.E. of S.

" Supdg. Engrs.

" C.A. of E.

" Sec. of P.P.

" Ex. P.W. Accts.

" Ex. Ry Accts.

GOVERNMENT OF MADRAS.

MILITARY DEPARTMENT.

Pensions.

Read the following paper:—

No. 63. *From Colonel S. LEIGH-HUNT, Superintendent of Family Payments and Pensions, to Brigadier-General H. R. HOPE, Secretary to Government, Military Department; dated Fort St. George, 8th June* 1892, *No.* 1267.

I have the honour to submit my Inspection Report for 1891-92 on 24 Pension offices.

2. It will be observed that the following stations included in the report have lately been placed in charge of officers appointed to the department, under the provisions of G.O., No. 5683, dated 14th October 1891:—

Vellore and Chittoor	Mr. W. Gibbs.
Vizagapatam and Anakápalle	Captain T. C. Sherwood.
Vizianagrum	
Chicacole	

3. The distribution in previous years of printed copies of the annual inspection reports of the Superintendent to all out-station Pension offices has gradually resulted in the adoption of one uniform system of keeping books and records in all Departmental offices, and has, besides, afforded valuable assistance to officers newly placed in charge of Pension offices. I would request, therefore, that this office may be furnished with 120 copies of the order that Government may be pleased to pass on the accompanying report.

Report on the Inspection of Pension and Family Payment Offices, Madras

Station inspected and number of Pensioners and Family Certificate Holders.	Officer in charge.	Date of inspection.	Books maintained in Pension Offices agreeably to Para. 133, Pension 5th Septem			
			1 Register of Pensioners.	2 Muster Roll and Abstract Book, Rice Bills, Batta, &c., Form No. 9.	3 Acquittance Roll (Book), Form No. 10.	4 Monthly Returns Book (in which is to be included the Annual Returns), also Register of Passports and Last Pay Certificates, Forms Nos. 13 and 11.
Ootacamund.						
Number of pensioners. 29 Number of family certificate holders. 6 Total ... 35	Mr. A. M. Jones, Deputy Collector.	20th July 1891.	...	Book kept in correct form and up to date.	Acquittance Roll discontinued. Entries correctly made on Pension certificates.	In correct form ...
Arcot.						
Number of pensioners. 390 Number of family certificate holders. 138 Total ... 528	Colonel Kelly, Unattached List, Pension Department.	20th Aug. 1891.	...	Do. ...	Acquittance Roll discontinued.	Do. ...
Arni.						
Number of pensioners. 375 Number of family certificate holders. 83 Total ... 458	Do. ...	Do. ...	...	Do. ...	Do. ...	Do. ...
Salem District.						
Number of pensioners. 604 Number of family certificate holders. 198 Total ... 802	M.R.Ry. Sooriamoorti Pillay Avergal, Deputy Collector.	21st Aug. 1891.	...	Book neatly kept. Pointed out that when a pensioner is not paid in any particular month, the letters P.N.D. should be entered against his name in the Muster Roll.	Do. ...	Do. ...
Coimbatore.						
Number of pensioners. 167 Number of family certificate holders. 20 Total ... 187	M.R.Ry. H. Subroya Aiyar Avergal, Deputy Collector.	24th Aug. 1891.	...	Book kept in correct form.	Acquittance Roll discontinued. Pension certificates correctly entered.	Books carefully maintained and written up to date.

Presidency, by the Superintendent of Pensions during the year 1891-92.

Code, and Superintendent's Circular No. 4 * of ber 1887.			Books maintained in Family Payment Offices agreeably to Para. 165, Family Payment Code.		Remarks.
5 Casualty Book, Form No. 12.	6 Letter Book and Circular File.	7 * Native Military Pensioners' Employment Register.	1 Register of Family Payment with Acquittance Rolls, Form No. 22.	2 Accounts Current with the Superintendent, Register of Transfer Receipts, Form No. 23, and Monthly Reports of non-payment of Certificates.	
In correct form. Book neatly kept.	Letter Book neatly kept. Circulars duly filed.	Register carefully maintained. Number employed 16.	Correct	Accounts Current carefully and correctly kept. Register of Transfer Receipts in correct form.	Office generally in good order. The climate generally deters Natives from offering themselves as candidates for employment.
In correct form.	Letter Book neatly kept.	Register carefully maintained. Number employed 37.	Do.	Do. ...	Office generally in good order. The percentage of employed pensioners is not so good as it ought to be, considering the facilities offered for employment on the Madras Railway, &c. Cash chest checked and found correct.
Do. ...	Do. ...	Register carefully maintained. Number employed 19.	Do.	Do. ...	Office generally in good order. Percentage of employed pensioners very small. Cash chest checked and found correct.
Book neatly kept, but it is pointed out that the practice of the officer initialling items before the amounts have been actually paid to the people entitled to receive them is irregular and one open to grave abuse, and this practice is ordered to be discontinued.	Do. ...	Register neatly kept, but the names of all fit candidates for employment should be entered in this register as far as column headed "Where willing to be employed" — *vide* Pension Office Circular No. 1 of 28th January 1889. Number employed 103.	Do.	Do. ...	Office generally in good order. The employment scheme is receiving a fair amount of attention.
In correct form.	Letter Book neatly kept. Circulars duly filed.	Register correctly and carefully kept. Number employed 69.	Do.	Accounts Current duly kept up. Register of Transfer Receipts neatly kept and in correct form.	Office generally in good order. Books neatly bound and carefully maintained. Officer in Charge reports that the majority of the pensioners here are old and decrepit, and that he could obtain employment for a good number of physically fit men. He is directed to apply to the Head-quarter Office for the transfer of men to his station as employment may become available.

Report on the Inspection of Pension and Family Payment Offices, Madras

Station inspected and number of Pensioners and Family Certificate Holders.	Officer in charge.	Date of inspection.	Books maintained in Pension Offices agreeably to Para. 133, Pension 5th Septem			
			1 Register of Pensioners.	2 Muster Roll and Abstract Book, Rice Bills, Batta, &c., Form No. 9.	3 Acquittance Roll (Book), Form No. 10.	4 Monthly Returns Book (in which is to be included the Annual Returns), also Register of Passports and Last Pay Certificates, Forms Nos. 13 and 11.
Mangalore. Number of pensioners. 111 Number of family certificate holders. 28 Total ... 139 Of the above number of pensioners 35 are of the Bombay Army, who for the most part draw the pensions in the taluk treasuries.	Mr. P. F. Fernandez, Treasury Deputy Collector.	28th, 29th, 30th and 31st Oct. 1891.	...	Book kept in corect form.	Acquittance Roll discontinned. Pension certificates correctly entered.	Books carefully maintained and written up to date.
Malabar District— *Calicut.* Number of pensioners. 72 Number of family certificate holders. 4 Total ... 76	Mr. E. G. Ricketts, Deputy Collector.	3rd and 4th Nov. 1891.	...	Do. ...	Do. ..	Do. ...
Cannanore. Number of pensioners. 130 Number of family certificate holders. 50 Total ... 183	Do. ...	Do. ...	...	Do. ...	Do. ...	Do. ...
Vellore. Number of pensioners. 2,345 Number of family certificate holders. 760 Total ... 3,105	Mr. W. Gibbs, Pension Department.	7th Nov. 1891.	...	Do. ...	Acquittance Roll discontinued. Some of the Pension certificates are much damaged; as they are calculated to last for 6 years, more care should be taken with them.	Do. ...
Chittoor. Number of pensioners. 185 Number of family certificate holders. 30 Total ... 215	Do. ...	Do. ...	...	Do. ...	Acquittance Roll discontinued.	Do. ...

Presidency, by the Superintendent of Pensions during the year 1891-92—cont.

Code, and Superintendent's Circular No. 4 * of ber 1887.			Books maintained in Family Payment Offices agreeably to Para. 165, Family Payment Code.		Remarks.
5 Casualty Book, Form No. 12.	6 Letter Book and Circular File.	7 * Native Military Pensioners' Employment Register.	1 Register of Family Payment with Acquittance Rolls, Form No. 22.	2 Accounts Current with the Superintendent, Register of Transfer Receipts, Form No. 23, and Monthly Reports of non-payment of Certificates.	
In correct form.	Letters and Circulars duly filed.	Register duly maintained. Number employed 12.	Correct	Accounts Current duly kept up. Register of Transfer Receipts neatly kept and in correct form.	Office generally in good order. Pensioners who can speak Canarese or Malayalam are in great request. No pensioners are employed in any of the Government offices, and the authorities do not appear to interest themselves in the success of the employment scheme.
Do. ...	Letter Book neatly kept. Circulars duly filed.	Register duly maintained. Number employed 22.	Do.	Do. ...	Office generally in good order. No pensioners are employed in either Revenue or Judicial offices.
Do. ...	Letter Book neatly kept.	Register duly maintained. Number employed 14.	Do.	Do. ...	Do. do.
In correct form. Book carefully kept.	Letter Book neatly kept. Circulars duly filed. Superintendent's Circulars should be kept separate from those of the Pay Department.	Register duly maintained. Number employed 220.	Do.	Accounts Current duly kept up.	Office generally in good order. Cash chest checked and found correct.
In correct form.	Letter Book neatly kept. Circulars duly filed.	Register duly maintained. Number employed 26.	Do.	Do. ...	Do. do.

Report on the Inspection of Pension and Family Payment Offices, Madras

Station inspected and number of Pensioners and Family Certificate Holders.	Officer in charge.	Date of inspection.	Books maintained in Pension Offices agreeably to Para. 133, Pension 5th Septem			
			1	2	3	4
			Register of Pensioners.	Muster Roll and Abstract Book, Rice Bills, Batta, &c., Form No. 9.	Acquittance Roll (Book), Form No. 10.	Monthly Returns Book (in which is to be included the Annual Returns), also Register of Passports and Last Pay Certificates, Forms Nos. 13 and 11.
Madura District. Number of 566 pensioners. Number of 73 family certificate holders. Total ... 639	M.R.Ry. E. Srinivasa Chari Avergal, Deputy Collector in Charge, Treasury.	9th Dec. 1891.	...	Book kept in correct form.	Acquittance Roll discontinued. Pension certificates correctly entered.	Books carefully maintained and written up to date.
Trichinopoly. Number of 1,433 pensioners. Number of 142 family certificate holders. Total ... 1,575	M.R.Ry. V. Rajagopaula Chari Avergal, Deputy Collector in Charge, Treasury.	10th and 11th Dec. 1891.	...	Book kept in correct form. There appear to have been some erasures.	Do. ...	These books are in correct form, but are not so neatly written up as they might be.
Trichinopoly District. Number of 40 pensioners. Number of 3 family certificate holders. Total ... 43	Do. ...	Do. ...	...	Book kept in correct form.	Do. ...	Books carefully maintained and up to date.
Tanjore District. Number of 762 pensioners. Number of 51 family certificate holders. Total ... 813	M.R.Ry. C. Vengu Pillai Avergal, Deputy Collector.	12th and 13th Dec. 1891.	...	Do. ...	Do. ...	Do. ...
Cuddalore. Number of 406 pensioners. Number of 51 family certificate holders. Total ... 457	M.R.Ry. T. Runga Rao Garu, Deputy Collector.	14th Dec. 1891.	...	Do. ...	Do. ...	Do. ...
Vizagapatam and Anakapalle. Number of 2,216 pensioners Number of 512 family certificate holders. Total ... 2,728	Captain T. C. Sherwood (Retired List), Pension Department.	19th Dec. 1891 and 2nd and 4th Jan. 1892.	...	Do. ...	Acquittance Roll (Books) discontinued. Pension certificates correctly entered.	Books carefully maintained and written up to date.

Presidency, by the Superintendent of Pensions during the year 1891-92—cont.

Code, and Superintendent's Circular No. 4 * of ber 1887.			Books maintained in Family Payment Offices agreeably to Para. 165, Family Payment Code.		Remarks.
5	6	7 *	1	2	
Casualty Book, Form No. 12.	Letter Book and Circular File.	Native Military Pensioners' Employment Register.	Register of Family Payment with Acquittance Rolls, Form No. 22.	Accounts Current with the Superintendent, Register of Transfer Receipts, Form No. 23, and Monthly Reports of non-payment of Certificates.	
In correct form.	Letters and Circulars duly filed.	Register duly maintained. Number employed 79.	Correct	Accounts Current duly kept up. Register of Transfer Receipts in correct form.	This office generally is in good order, but the employment scheme has made little, if any, progress during the last 4 years. In 1887 the number employed was 78. Out of hundreds of peons employed in Revenue and Judicial offices at head-quarters and in the mofussil, only 2 are military pensioners. I inferred from the manner of the Officer in Charge when the subject of employment was broached, that he was not in favour of the employment of military pensioners, especially in a Revenue office.
In correct form. This book should be more carefully kept.	Letter Book up to date. Circulars duly filed.	Registers duly maintained. Number employed 145.	Do.	Accounts Current duly kept up. Register of Transfer Receipts should be kept more carefully.	This office is only in fairly good order. The books generally are maintained in correct form, but the entries are in many cases carelessly made, and there are many corrections and erasures. The office requires more careful supervision, but as the Officer in Charge reports that he is fully occupied with his other duties, it would be well to appoint a departmental officer.
In correct form.	Letters and Circulars duly filed.	Registers duly maintained. Number employed 15.	Do.	Accounts Current correct. Register of Transfer Receipts in correct form.	This office generally is in good order.
Do. ...	Do. ... Letter Book up to date. Circulars duly filed.	Register duly maintained. Number employed 120.	Do.	Do. ...	This office generally is in very good order. The records are carefully and neatly kept.
In correct form. The entries in this book should only be initialled after the money has been paid.	Do. ...	Register duly maintained. Number employed 38.	Do.	Do. ...	This office generally is in good order. There are 15 candidates for employment. Can no employment be found for them in any of the Revenue offices ?
In correct form.	Letter Book neatly written. Circulars duly filed.	Register duly maintained. Number employed 138.	Do.	Accounts Current correct. Register of Transfer Receipts in correct form, but the book should be kept with more care, entries regarding receipt of clasps and medals not being clearly intelligible.	This office generally is in good order. Pensioners should be invited to register their names as candidates for employment (*vide* Superintendent's Circular No. 1 of 28th January 1889) and such registered candidates should have priority of claim for employment. Cash chest checked and found correct.

Report on the Inspection of Pension and Family Payment Offices, Madras

Station inspected and number of Pensioners and Family Certificate Holders.	Officer in charge.	Date of inspection.	Books maintained in Pension Offices agreeably to Para. 133, Pension 5th Septem			
			1 Register of Pensioners.	2 Muster Roll and Abstract Book, Rice Bills, Batta, &c., Form No. 9.	3 Acquittance Roll (Book), Form No. 10.	4 Monthly Returns Book (in which is to be included the Annual Returns), also Register of Passports and Last Pay Certificates, Forms Nos. 13 and 11.
Chicacole.						
Number of pensioners. 1,712	Captain T. C. Sherwood (Retired List), Pension Department.	5th and 6th Jan. 1892.	...	Book kept in correct form.	Acquittance Roll (Book) discontinued. Pension certificates correctly entered.	Books carefully maintained and written up to date.
Number of family certificate holders. 376						
Total .. 2,088						
Vizianagrum.						
Number of pensioners. 1,025	Do. ...	7th and 8th Jan. 1892.	...	Do. ...	Do. ...	Do. ...
Number of family certificate holders. 292						
Total ... 1,317						
Vizagapatam District.						
Number of pensioners. 40	M.R.Ry. J. Kotalingum Naidu Garu, Deputy Collector.	9th Jan. 1892.	...	Do. ...	Do. ...	Do. ...
Number of family certificate holders. 5						
Total ... 45						
Bangalore.						
Number of pensioners. 2,215	Major J. Greatorex (Retired List), Pension Department.	27th Jan. 1892.	...	Do. ...	Do. ...	Do. ...
Number of family certificate holders. 1,053						
Total ... 3,268						
French Rocks.						
Number of pensioners. 141	Mr. Mahomed Ali Sahib, Sub-Divisional officer.	28th Jan. 1892.	...	Do. ...	Do. ...	Do. ...
Number of family certificate holders. 10						
Total ... 151						
Mysore.						
Number of pensioners. 130	M.R.Ry. N. Narasimiengar Avergal, Assistant Commissioner.	29th and 30th Jan. 1892.	...	Do. ...	Do. ...	Do. ...
Number of family certificate holders. 10						
Total ... 140						

Presidency, by the Superintendent of Pensions during the year 1891-92—cont.

Code, and Superintendent's Circular Nos. 4 * of ber 1887.			Books maintained in Family Payment Offices agreeably to Para. 165, Family Payment Code.		Remarks.
5 Casualty Book, Form No. 12.	6 Letter Book and Circular File.	7 * Native Military Pensioners' Employment Register.	1 Register of Family Payment with Acquittance Rolls, Form No. 22.	2 Accounts Current with the Superintendent, Register of Transfer Receipts, Form No. 23, and Monthly Reports of non-payment of Certificates.	
Book in correct form, but it appears that payments have been made without the officer's initials being obtained at the time. This is very irregular and likely to lead to fraud.	Letter Book most carefully kept. Reference in letters to names that should appear in margin, but no such names entered. Circulars duly filed.	Register duly maintained. Number employed 46.	Correct	Accounts Current correct. Register of Transfer Receipts most carelessly kept.	This office is *not* generally in good order. The Letter Book has been most carelessly kept; and in the Register of Remittance Transfer Receipts several irregularities were pointed out to the Officer in Charge. The work in this office is slack as compared with the two other offices under charge of Captain Sherwood, and his attention has been drawn to the fact.
In correct form.	Letter book neatly kept. Circulars duly filed.	Register duly maintained. Number employed 68.	Do.	Accounts Current correct. Register of Transfer Receipts in correct form.	This office generally is in good order. The same remarks as made (Vizagapatam Office) with reference to employment (candidates for) apply also to this office. Cash chest checked and found correct.
Do. ...	Letters and Circulars duly filed.	Register duly maintained. The names of candidates for employment should be entered in this register. Number employed 30.	Do.	Do. ...	This office generally is in very good order. Records neatly and carefully kept. The percentage of pensioners employed is the best in the Presidency and most creditable to both the Officer in Charge and the Pension Office clerk.
Do. ...	Letter Book neatly kept. Circulars duly filed.	Register duly maintained. Number employed 248.	Do.	Do. ...	This office generally is in good order. Cash chest checked and found correct.
Do. ...	Letters and Circulars duly filed.	Register duly maintained. Number employed 10.	Pointed out that in this register the amount actually paid each month *plus* rice money should be shown.	Accounts Current correct. Register of Transfer Receipts in correct form.	This office generally is in good order. Mr. Mahomed Ali promises to give the employment scheme his careful attention.
In correct form. Every entry should be initialled by the Officer in Charge.	Do. ...	Register duly maintained. Number employed 18.	Correct	Accounts Current correct. In Register of Transfer Receipts all entries should on completion be initialled by the Officer in Charge.	This office generally is in good order. The Reserve Police about to be organized offers a good field for the employment of pensioners. Several pensioners are employed in the Body Guard of His Highness the Maharajah of Mysore. The clerk keeps the records very neatly.

Report on the Inspection of Pension and Family Payment Offices, Madras

Station inspected and number of Pensioners and Family Certificate Holders.	Officer in charge.	Date of inspection.	Books maintained in Pension Offices agreeably to Para. 133, Pension 5th Septem			
			1 Register of Pensioners.	2 Muster Roll and Abstract Book, Rice Bills, Batta, &c., Form No. 9.	3 Acquittance Roll (Book), Form No. 10.	4 Monthly Returns Book (in which is to be included the Annual Returns), also Register of Passports and Last Pay Certificates, Forms Nos. 13 and 11.
Mercara.						
Number of pensioners. 48 Number of family certificate holders. 2 Total ... 50	Rev. G. Richter In charge of Pensioners.	1st, 2nd and 3rd Feb. 1892	...	Book kept in correct form.	Acquittance Roll (Book) discontinued. Pension certificates correctly entered.	Book carefully maintained and written up to date.
Hassan District.						
Number of pensioners. 23 Number of family certificate holders. Total ... 23	M.R.Ry. V. Srinivasa Charlu Garu, Assistant Commissioner.	6th Feb. 1892.	...	Do. ...	Acquittance Roll (Book) discontinued. Pension certificates correctly entered. Pension certificates should not be kept folded, as it causes the paper to split.	Do. ...
Tumkur District.						
Number of pensioners. 138 Number of family certificate holders. 3 Total ... 141	M.R.Ry. A. Ragavendra Rao Garu, Treasury Assistant Commissioner.	8th and 9th Feb. 1892.	...	Do. ...	Do. ...	Do. ...

FORT ST. GEORGE,
8th June 1892.

Presidency, by the Superintendent of Pensions during the year 1891-92—cont.

Code, and Superintendent's Circular No. 4* of ber 1887.			Books maintained in Family Payment Offices agreeably to Para. 165, Family Payment Code.		Remarks.
5 Casualty Book, Form No. 12.	6 Letter Book and Circular File.	7* Native Military Pensioners' Employment Register.	1 Register of Family Payment with Acquittance Rolls, Form No. 22.	2 Accounts Current with the Superintendent, Register of Transfer Receipts, Form No. 23, and Monthly Reports of non-payment of Certificates.	
In correct form.	Letter Book neatly written. Circulars duly filed.	Register duly maintained. Number employed 17.	Correct	Accounts Current correct. Register of Transfer Receipts in correct form.	This office is in very good order. The local Police force is to be reorganized which will be a good opportunity for candidates for employment; also able-bodied pensioners are wanted to replace the miserably weak and inefficient body of men employed as Jail warders. The Police get from Rs. 8 to 10 and Jail warders Rs. 8 and 9 per mensem.
Do. ...	Letters and Circulars duly filed.	Register duly maintained. Number employed 3.	Do.	Accounts Current no transactions. Register of Transfer Receipts in correct form.	This office generally is in good order. The Officer in Charge points out that the pensioners here are old and past work, but that employment could be found for a few able-bodied men. He is directed to apply for men as required for employment to Officer in Charge of Pensioners, Bangalore.
In correct form. The directions given at last inspection about initialling entries have been duly complied with.	Letter Book neatly written, but true copy of Officer's signature should be entered at the bottom of each letter. Circulars duly filed.	Register duly maintained. Number employed 2.	Do.	Accounts Current correct. Register of Transfer Receipts in correct form, but pointed out that this book is not intended for remittances received from the Superintendent of Family Payments.	This office generally is in fairly good order. In the matter of employment it is noted that in December 1888 there were 5 pensioners employed and instead of a gradual increase as at other stations the number has now dwindled down to 2. It is to be regretted the officer in charge does not give the subject more careful attention, for, there are plenty of candidates for employment. Rice compensation for December 1891—Rs. 3-11-9 — is very high.

(Signed) S. LEIGH-HUNT, Colonel,
Superintendent of Family Payments and Pensions.

No. 64. ORDER THEREON, 6th July 1892, No. 4208.

With his letter above recorded the Superintendent of Family Payments and Pensions, Madras, submits his report on 24 Pension offices inspected by him during the year 1891–92.

2. The Government notes with satisfaction that, with a few exceptions, the several books and registers have been correctly and carefully maintained.

3. It is observed that, in some of the districts and stations inspected, the scheme for the employment of Native Military pensioners languishes for want of co-operation on the part of the Civil authorities. The Government attaches much importance to this scheme and trusts that endeavours will be made by all concerned to give it furtherance.

4. With reference to the Superintendent's remarks in regard to the necessity for appointing a Departmental officer to the charge of the Pension office at Trichinopoly, it is observed that Colonel Sewell was appointed as Pension Paymaster of that station in G.O.G. No. 87 of 1892 and orders have been recently issued for the appointment of Mr. Penticoss in his stead, Colonel Sewell having been nominated to succeed Colonel Leigh-Hunt as Superintendent of Family Payments and Pensions, Madras.

(True Extract.)

(Signed) H. R. HOPE, Brigdr.-Genl.,
Secretary to Government.

To the Superintendent of Pensions.
" Adjutant-General.
" Controller of Military Accounts.
" Public Department.
" Revenue Department.
" Public Works Department.

Exd. T. K. Narayana Aiyangar.

Govt. of {1892} Madras.
MILITARY.

To
THE SUPERINTENDENT OF PENSIONS,
&c., &c., &c.

Dated July, 6th.

Issued

Recd. *Encl.*

G.O., 6th July 1892, No. 4208.

JULY.
Nos. 63–64.

Pensions.

Inspection Report.—Orders passed on the — submitted by the Superintendent of Pensions on certain Pension offices in the Madras Presidency during 1891-92.

No 2028. W. 19 July 92

Communicated to Officers of the Public Works Department with reference to paragraph 3 of the Proceedings.

(Sd) J. L

To C.E. for
C.E. for Rys.
Supdg Engrs.
Exec. Engrs.
Supdg P.W.
Exn. P.W. accts.
Exn. Ry. accts.

Appendix.

Details showing cost of set of Earth-boring tools as supplied on contract $\frac{3}{897}$, dated 30th October 1891 to the Umaria Colliery.

No.	Particulars.	Rate.	Remarks.
		£ s. d.	
		15 0 0	
2	10″ auger shells	10 0 0	
2	8½″ „ „	8 0 0	
2	7½″ „ „	7 0 0	
2	6½″ „ „	5 0 0	
1	8½″ clack sludges	4 0 0	
1	7½″ „ „	3 10 0	
1	6½″ „ „	4 10 0	
1	8½″ framed broaching bit	4 0 0	
1	7½″ „ „ „	3 0 0	
1	6½″ „ „ „	2 10 0	
2	1¼″ lifting dogs	25 0 0	
10	1¼″ rods, special steel, to withstand specified tests ...	5 0 0	
1	9½″ steel shoe and driving collars	4 0 0	
1	8½″ „ „ „	4 0 0	
1	9½″ swivel top pipe	3 0 0	
1	8½″ „ „	10 0 0	
2	10″ tees	7 0 0	
2	8½″ „	6 0 0	
2	7½″ „	5 0 0	
2	6½″ „		
	Tubes—Flush outside, screw joints, in 10 feet lengths.		
		95 0 0	
100 ft.	9½″ outside diameter	140 0 0	
200 „	8½″ „ „	105 0 0	
200 „	7½″ „ „	80 0 0	
200 „	6½″ „ „	60 0 0	
200 „	5½″ „ „	137 10 0	
550 „	4½″ „ „	113 15 0	
650 „	3½″ „ „	53 5 0	
	Packing in strong cases and delivered to docks in London ...		
	Total cost of set complete ...	920 0 0	

P.W 8/1/1505/92

Enclosure to Director General of Railways' Circular No. 5 of 1892.

RATE LIST.

CLASS A.

IRON BRIDGEWORK

FOR 1891.

STATEMENT shewing the average rates per ton for entire Sea Freight on Iron Bridgework sent out from England to the several ports in India for State Railways of both gauges during 1891.

Description of girders.	Madras.	Bombay.	Calcutta.	Karachi.	Rangoon.	Remarks.
	s. d.	s. d.	s. d.	s. d.	s. d.	
Clear span 6 feet	15 6	...	...	...	...	Where rates have not been quoted, it should be understood that girders of the dimensions specified were not imported during the year.
„ 10 „	...	...	...	...	26 3	
„ 12 „	22 9	...	...	...	26 3	
„ 20 „	22 9	...	...	...	...	
„ 40 „	16 9	..	9 4	...	26 3	
„ 60 „	21 2	11 9	...	...	...	
„ 100 „	13 3	...	...	...	23 9	
„ 150 „	21 6	...	...	...	...	
„ 200 „	...	...	...	...	...	
„ 300 „	...	*25 0	...	...	...	* Port of Mormugao.

Enclosure to Director General of Railways' Circular No. 4 of 1892.

RATE LIST.

CLASS B.

ENGINEERS' PLANT

(Excluding Petty Tools)

FOR 1891.

G. C. Press, Simla.—No. 1491 P. W. D.—23-6-92.—800.

CLASS OF STORES. A.—IRON BRIDGEWORK.

5′-6″ GAUGE.

Contracted for in 1891.

Contract number and date.	Clear span.	Railway and gauge.	Roadway on upper or lower boom.	Details.	Estimated weight of each span.	Rate—Free on board. Amount.	Unit.	Remarks.
	Ft.				Tons. cwt. qr. lbs.	£ s. d.		
		East Coast Ry.		For all steel in girder work, including rivets, rivet rods, and spare rivets ...	0 16 3 14	10 18 0	Ton.	
				For all bolts, nuts, and washers, except service bolts	0 0 2 9			
3/75 6-10-91	6	5′ 6″	Upper	For all service bolts, nuts, and washers	0 0 0 7			
				Girders, plate, complete. Total	**0 17 2 2**	**10 0 0**	**Span.**	
				For all steel in girder work, including rivets, rivet rods, and spare rivets ...	1 11 0 0	10 18 0	Ton.	
				For all bolts, nuts, and washers, except service bolts	0 0 3 13			
3/75 6-10-91	12	Do.	Do.	For all service bolts, nuts, and washers	0 0 0 7			
				Girders, plate, complete. Total	**1 11 3 20**	**17 0 3**	**Span.**	

CLASS OF STORES. A.—IRON BRIDGEWORK—*contd.*

5′-6″ GAUGE.

Contracted for in 1891.

Contract number and date.	Clear span.	Railway and gauge.	Roadway on upper or lower boom.	Details.	Estimated weight of each span.	Rate—Free on board. Amount.	Unit.	Remarks.
	Ft.				Tons. cwt. qr. lbs.	£ s. d.		
3/75 6-10-91.	20	East Coast Ry. 5′ 6″	Upper	For all steel in girder work, including rivets, rivet rods, and spare rivets ...	3 7 1 27			
				For all bolts, nuts, and washers, except service bolts	0 1 1 18	10 18 0	Ton.	
				For all service bolts, nuts, and washers	0 0 0 7	... ...		
				Girders, plate, complete. Total	**3 8 3 24**	**37 19 9**	**Span.**	
3/75 6-10-91.	40	Do.	Do.	For all steel and girder work, including rivets, rivet rods, and spare rivets	8 18 3 18			
				For all bolts, nuts, and washers, except service bolts	0 2 2 8	10 18 0	Ton.	
				For all service bolts, nuts, and washers	0 0 0 21			
				Girders, plate, complete. Total	**9 1 2 19**	**101 11 6**	**Span.**	
		North-Western Ry.		*Spare parts of Girder spans, plate.*				
3/125 10-10-91.	40	5′ 6″		Two top flange cover plates, wrought iron, for plate girder span of 40 feet in the clear, as supplied on Contract No. 516, dated 23rd December 1887. To replace missing plates ...	0 1 3 15	0 10 0 or 1 7 8	Cwt. For two plates.	
		East Coast Ry.		For all steel and iron in girder work, including rivets, spare rivets, and rivet rods	70 16 2 0	10 15 0	Ton.	
				For all cast iron	2 4 0 0	12 0 0	,,	
				For all steel in bolts and nuts ...	0 3 0 12	25 0 0	,,	
3/116 10-10-91.	100	5′ 6″	Between	For all wrought iron in service bolts, nuts, and washers	0 4 2 0	20 0 0	,,	
				Girders, triangulated, complete. Total ...	**73 8 0 12**	**796 3 0**	**Span.**	
4313 26-1-91.	150	Do.	Between	For all steel in girder work, including rivets, spare rivets, and rivet rods.	134 8 2 0	10 9 4	Ton.	
				For all steel in bolts and nuts ...	6 0 0 17	17 0 0	,,	
				For all steel in rollers ...	0 14 0 0	24 0 0	,,	
				For all cast iron ...	5 6 2 0	8 10 0	,,	
				For all wrought iron or steel in roller frames.	0 5 3 0	21 5 0	,,	
				For all wrought iron or steel in service bolts and nuts and washers.	0 9 0 0	14 0 0	,,	
				Girders, triangulated, complete. Total ...	**141 9 3 17**	1,486 13 8 **1,769 13 6**	Span. **Span.**	Glasgow. Ex. ship, Gopalp

CLASS OF STORES. A.—IRON BRIDGEWORK—*contd.*

5′-6″ GAUGE.

Contracted for in 1891.

Contract number and date.	Clear span.	Railway and gauge.	Roadway on upper or lower boom.	Details.	Estimated weight of each span.				Rate—Free on board. Amount.			Rate—Free on board. Unit.	Remarks.
	Ft.				Tons.	cwt.	qr.	lbs.	£	*s*	*d.*		
4711 21-5-91.	300 between centre of bearings.	East Coast Ry. 5′ 6″ Kistna Bridge.	Lower, Foot-ways above.	For all steel in girder work or plate and bar work, including rivets, spare rivets, and rivet rods.	511	14	2	0	11	13	10	Ton.	Port of London.
				For all steel in bolts and nuts, coach screws, and wood screws.	2	9	2	5	20	7	6	,,	
				For all steel in rollers ...	2	1	2	0	32	17	6	,,	
				For all cast iron ...	13	15	0	0	9	17	6	,,	
				For all wrought iron or steel in roller frames.	0	12	2	0	24	17	6	,,	
				For all wrought iron or steel in service bolts and nuts and in washers.	2	5	0	0	16	7	6	,,	
				For all malleable cast iron rail clips.	0	19	0	0	0	9	3½	Doz.	
				For all gas tubes for handrail, 1½″ bore.	1	12	2	0	34	15	3	Total.	
				Girders, steel, triangulated, complete. Total ...	**535**	**9**	**2**	**25**	**6,458**	**19**	**4¼**	**Span.**	
				The following tools for the erection of the bridge are also supplied.									
				400—1-inch snaps					95	0	0	Lot.	
				100—⅞ ,, ,, ...									
				100—¾ ,, ,, ...									
				50—⅝ ,, ,, ...									
				150—½ ,, ,, ...									
4712 21-5-91.	300 between centre of bearings	East Coast Ry. Kistna Bridge 5′6″	Lower Foot-ways above.	For all steel in girder work or plate and bar work, including rivets, spare rivets, and rivet rods.	511	14	2	0	11	15	0	Ton.	Port of M'bro.
				For all steel in bolts and nuts, coach screws, and wood screws.	2	9	2	25	20	0	0	,,	
				For all steel in rollers ...	2	1	2	0	28	0	0	,,	
				For all cast iron ...	13	15	0	0	9	0	0	,,	
				For all wrought iron or steel in roller frames.	0	12	2	0	28	0	0	,,	
				For all wrought iron or steel in service bolts and nuts and washers.	2	5	0	0	14	0	0	,,	
				For all malleable cast iron rail clips ...	0	19	0	0	0	9	0	Doz.	
				For all gas tubes for hand rail, 1½″ bore.	1	12	2	0	2	0	0	⅋ l. ft.	
				Girders, steel, triangulated, complete. Total ...	**535***	**9**	**2**	**25**	**6,223**	**15**	**0**	**Span at M'bro.**	*Exclusive of snaps?
				The following tools are supplied for the erection of the bridge.									
				400—1-inch snaps									
				100—⅞ ,, ,, ...									
				100—¾ ,, ,, ...					100	0	0	Lot.	
				50—⅝ ,, ,, ...									
				150—½ ,, ,, ...									

CLASS OF STORES. A.—IRON BRIDGEWORK—*contd.*

METRE GAUGE.

Contracted for in 1891.

Contract number and date.	Clear span.	Railway and gauge.	Roadway on upper or lower boom.	Details.	Estimated weight of each span.	Rate—Free on board. Amount.	Rate—Free on board. Unit.	Remarks.
	Ft.				Tons. cwt. qr. lbs.	£ s. d.	Ton.	
				For all steel in girder work, including rivets and spare rivets.	0 9 3 14	10 9 0		
4986 31-7-91	10	Mu Valley Ry. Metre	Upper	For all bolts, nuts, and washers, except service bolts.	0 0 3 10	16 0 0	,,	
				For all service bolts and nuts ...	0 0 0 7			
				Girders, plate, complete. Total	**0 10 3 3**	**5 17 6**	**Span.**	
				For all steel in girder work, including rivets and spare rivets.	1 1 2 23	10 9 0	Ton.	
4986 31-7-91.	10	Do.	Do.	For all bolts, nuts, and washers, except service bolts. For all service bolts, nuts, and washers.	0 1 1 11	16 0 0	,,	
				Girders, plate, complete. Total	**1 3 0 6**	**12 8 10**	**Span.**	
				Spare parts of girder spans, plate.				
5/195 15-12-91.	10	Burma State Ry. Metre	Upper	Bracings, diagonal, 3′ 8″ long × 3″ × 3″, $\frac{3}{8}$″ angle iron.	.....	12 0 0	Ton.	For weight see page 8.
				For all steel in girder work, including rivets and spare rivets.	2 17 0 0	11 7 6	,,	
				For all steel in hook bolts, nuts, and washers.	0 2 1 0	26 0 0	,,	
4806 16-6-91.	20	Do.	Do.	For all service bolts, nuts, and washers	0 0 0 14	21 0 0	,,	
				Girders, plate, complete. Total	**2 19 1 14**	**35 9 7**	**Span.**	
				For all steel in girder work, including rivets and spare rivets.	2 17 0 0	10 9 0	Ton.	
498[illegible] 31-7-91.	20	Mu Valley Ry. Metre	Do.	For all bolts, nuts, and washers, except service bolts.	0 2 1 0	16 0 0	,,	
				For all service bolts, nuts, and washers	0 0 0 14			
				Girders, plate, complete. Total	**2 19 1 14**	**31 13 8**	**Span.**	

CLASS OF STORES. A.—IRON BRIDGEWORK—*contd.*

METRE GAUGE.

Contracted for in 1891.

Contract number and date.	Clear span.	Railway and gauge.	Roadway on upper *or* lower boom.	Details.	Estimated weight of each span.				Rate—Free on board.		Remarks.
					Tons	cwt.	qr.	lbs.	Amount.	Unit.	
	Ft.								£ s. d.		
				For all steel in girder work, including rivets and spare rivets.	2	17	0	0	10 12 6	Ton.	
				For all bolts, nuts, and washers, except service bolts.	0	2	1	0	23 15 0	,,	
4/314 27-11-91.	20	Mu Valley Ry. Metre	Upper	For all service bolts, nuts, and washers	0	0	0	14	14 15 0	,,	
				Girders, plate, complete. Total	**2**	**19**	**1**	**14**	**33 1 1**	**Span.**	
				Spare parts of girder spans, plate.							
5/195 15-12-91.	20	Burma State Ry. Metre	Do.	Bracings, diagonal, 4′ long × 3″ × 3″ × $\frac{3}{8}$″ angle iron.	1	5	0	14	12 0 0	Ton.	Includes also weight of bracin gfor 10ft. span, see page 6.
				Bracings, horizontal, 4′ 8″ long × 3″ × 3″ × $\frac{3}{8}$″ angle iron.							
				For all steel in girder work, including rivets and spare rivets.	4	13	3	0	11 7 6	Ton.	
				For all steel in hook bolts, nuts, and washers.	0	3	0	13	26 0 0	,,	
4806 16-6-91.	30	Do.	Do.	For all service bolts, nuts, and washers	0	0	0	21	21 0 0	,,	
				Girders, plate, complete. Total	**4**	**17**	**0**	**6**	**57 11 7**	**Span.**	
				For all steel in girder work, including rivets and spare rivets.	8	16	2	0	10 9 0	Ton.	
				For all bolts, nuts, and washers, except service bolts.	0	3	3	0	16 0 0	,,	
4986 31-7-91.	40	Mu Valley Ry. Metre	Upper	For all service bolts, nuts, and washers	0	0	3	0			
				Girders, plate, complete. Total	**9**	**1**	**0**	**0**	**95 16 8**	**Span.**	
				For all steel in girder work, including rivets and spare rivets.	8	16	2	0	10 0 0	Ton.	
				For all bolts, nuts, and washers, except service bolts.	0	3	3	0	25 0 0	,,	
3/66 6-10-91.	40	Eastern Bengal State Ry. Metre	Do.	For all service bolts, nuts, and washers.	0	0	3	0	20 0 0	,,	
				Girders, plate, complete. Total	**9**	**1**	**0**	**0**	**93 13 9**	**Span.**	

CLASS OF STORES. A.—IRON BRIDGEWORK—*contd.*

METRE GAUGE.

Contracted for in 1891.

Contract number and date	Clear span.	Railway and gauge.	Roadway on upper or lower boom.	Details.	Estimated weight of each span.	Rate—Free on board. Amount.	Unit.	Remarks.
	Ft.				Tons cwt. qr. lbs.	£ s. d.		
4/108 10-11-91.	40	Burma State Ry. Metre	Upper	For all steel and iron in girder work, including rivets and spare rivets.	12 9 2 0	13 0 0	Ton.	
				For all steel in bolts and nuts ...	0 4 0 20	29 0 0	,,	
				For all wrought iron in service bolts, nuts, and washers.	0 0 3 0			
				Girders, plate, complete. Total	**13 14 1 20**	**169 6 5**	**Span.**	
4/314 27-11-91.	40	Mu Valley Ry. Metre	Do.	For all steel and iron in girder work, including rivets and spare rivets.	8 16 2 0	10 12 6	Ton.	
				For all bolts, nuts, and washers, except service bolts.	0 3 3 0	23 15 0	,,	
				For all service bolts, nuts, and washers.	0 0 3 0	14 15 0	,,	
				Girders, plate, complete. Total	**9 1 0 0**	**98 15 5**	**Span.**	

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4954 23-7-91.	100	Mu Valley Ry. Metre	Upper	For all steel and iron in girder work, including rivets and spare rivets.	67 15 3 0	12 5 0	Ton.	
				For all cast iron	2 11 3 0	13 0 0	,,	
				For all steel in expansion rollers ..	0 7 0 0	41 0 0	,,	
				For all wrought iron in roller frames	0 3 1 0	41 0 0	,,	
				For all steel in bolts and nuts ..	0 9 1 3	31 0 0	,,	
				For all wrought iron in service bolts and nuts.	0 4 2 0	25 0 0	,,	
				Girders, triangulated, complete. Total ...	**71 11 2 5**	**904 8 4**	**Span.**	
4/108 10-11-91.	100	Burma State Ry. Metre	Between	For all steel and iron in girder work, including rivets and spare rivets.	70 10 0 0	13 5 0	Ton.	
				For all steel in bolts and nuts ...	0 4 0 0	29 0 0	,,	
				For all wrought iron in service bolts, nuts, and washers.	0 4 2 0			
				Girders, triangluated, complete. Total ...	**70 18 2 0**	**946 0 0**	**Span.**	

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CLASS OF STORES. A.—IRON BRIDGEWORK—*concld.*

METRE GAUGE.

Contracted for in 1891.

Contract number and date.	Clear span.	Railway and gauge.	Roadway on upper or lower boom.	Details.	Estimated weight of each span.	Rate—Free on board. Amount.	Unit.	Remarks.
	Ft.				Tons. cwt. qr. lbs.	£ s. d.		
4 315 27-11-91.	100	Mu Valley Ry. Metre	Between	For all steel and iron in girder work, including rivets and spare rivets.	67 15 3 0	12 10 0	Ton.	
				For all cast iron	2 11 3 0	10 12 6	,,	
				For all steel in expansion rollers ...	0 7 0 0	23 2 6	,,	
				For all wrought iron in roller frames	0 3 1 0	30 2 6	,,	
				For all steel in bolts and nuts ...	0 9 1 5	26 2 6	,,	
				For all, wrought iron in service bolts, nuts and washers.	0 4 2 0	17 7 6	,,	
				Girders, triangulated, complete. Total ...	**71 11 2 5**	**903 17 6**	**Span.**	
4653 22-4-91.	100	Burma State Ry. Metre	Between	**Girders, triangulated, spare parts of—vide Appendix ...**	**3 7 2 5**	**45 10 6**	**Total.**	

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Appendix

Detail of spare parts of 100 feet girder span metre gauge. Roadway between girders, as supplied on Contract No. 4653, dated 22nd April 1891.

No.	Particulars.	Weight. cwt.	qr.	lbs.	Rate per Ton. £	s.	d.	Remarks.
32	Angle bars, 2′ 4″ × 2½″ × ½″ ...	3	3	12	} 10	7	0	
40	,, lugs, 10″ × 3″ × 3″ ...	3	0	0				
2	Rail plates, 6′ 0″ × 2′ 9′ × 1¼″ ...	13	1	0	13	10	0	
20	Bolts, holding down, 2′ 5¾″ × 1⅛″ ...	4	2	23	21	0	0	
16	Covers at sides, 1′ 8″ × 4″ × ⅜″ ...	1	0	21	}			
24	Bar ,, 2′ 3½″ × 3½″ × ½″ ...	2	3	13				
8	,, 2′ 2″ × 3¼″ × ¼″ ...	0	3	17	} 12	10	0	
8	,, 1′ 3″ × 1′ 1½″ × ⅜″ ...	1	2	1				
8	Cover plates, 1′ 3″ × 10″ × ⅜″ ...	1	0	13	}			
8	,, strips, 1′ 7″ × 2½″ × ¼″ ...	0	1	25	}			
4	,, ,, 2′ 3″ × 2½″ × ⅜″ ...	0	1	10	13	10	0	
4	,, ,, 1′ 11″ × 1½″ × ¼″ ...	0	1	4	}			
416	Rivets, $3\frac{1}{16}$″ × ½″	3	3	19	}			
353	,, $3\frac{5}{16}$″ × ½″	2	2	0				
124	,, $3\frac{1}{16}$″ × ⅜″	0	3	19				
218	,, 3½″ × ½″	1	2	16				
21	,, $3\frac{5}{16}$″ × ½″	0	0	16				
207	,, $3\frac{5}{16}$″ × ⅝″	1	2	1				
711	,, $2\frac{5}{16}$″ × ½″	4	0	12				
62	,, $2\frac{5}{16}$″ × ⅜″	0	1	8				
483	,, $2\frac{1}{16}$″ × ⅜″	2	2	3				
415	,, $2\frac{5}{16}$″ × ⅝″	2	1	0	13	0	0	
73	,, $2\frac{1}{16}$″ × ½″	0	1	24				
687	,, $2\frac{5}{16}$″ × ⅜″	3	1	5				
21	,, $2\frac{1}{16}$″ × ¼″	0	0	8				
614	,, 2⅜″ × ¼″	2	0	21				
36	,, $2\frac{5}{16}$″ × ¼″	0	0	16				
291	,, $2\frac{5}{16}$″ × ⅜″	1	0	8				
21	,, $1\frac{1}{16}$″ × ⅜″	0	0	9				
2270	,, $1\frac{1}{16}$″ × ¼″	7	2	5				
49	,, $1\frac{5}{16}$″ × ¼″	0	0	15				
65	Washers, 2″ square, 1″ hole, ⅛″ thick ...	0	0	10				
93	Washers to suit covers ...	0	0	12	19	0	0	
20	Washer plates, 24″ × 14″ × ½″ ...	0	0	3				
	TOTAL ...	67	2	5				

Appendix A to G.O., No. 1667 W., Public Works, dated 2nd June 1892.

DISTRIBUTION statement of service copies of volume II of the Government of India Public Works Department Code.

—	Circles.	Divisions.	Total.
Superintending Engineer, I Circle	2	10	12
" " II "	2	10	12
" " III "	2	8	10
" " IV "	2	8	10
" " V "	2	10	12
" " VI "	2	8	10
Consulting Architect to Government	...	2	2
Superintendent of Works, No. I Periyár division	...	2	2
Chief Engineer for Irrigation	...	...	7
Consulting Engineer for Railways	...	...	4
Examiner, Public Works Accounts	...	...	12
Assistant Chief Engineer for Irrigation (Tank Restoration Scheme).	...	...	1
Public Works Secretariat	...	...	6
Inspector-General of Jails	...	...	1
Reserve for issue on service and for sale	...	...	199
Total number of copies ...	...	...	300

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper :—

From G. H. D. WALKER, Esq., Under-Secretary to the Government of India, Public Works Department (General), to the Secretary to the Government of Madras, Public Works Department, dated Simla, 13th May 1892, No. 1431 G.

I am directed to acknowledge the receipt of your letter No. 1353 W., dated the 29th ultimo, stating that 100 additional copies of volumes I and II of the Public Works Department Code will be required if every officer, upper subordinate and accountant is to be provided with a copy and submitting, for consideration, the question as to whether accountants should be provided with private copies.

2. In reply, I am to invite attention to the rule in the Public Works Department Code, volume I, chapter IV, para. 25, regarding the supply of the Code to officers and subordinates and to say that the Superintendent, Government Printing, India, will doubtless supply the additional copies actually required on indent by the Government of Madras.

3. As regards the request in para. 5 of your letter regarding the regular supply of standing orders, I am to state that, under existing orders, the Superintendent, Government Printing, will supply standing orders to volumes I and II of the Code as issued, corresponding to the number of copies ordered to be supplied.

ORDER—dated 2nd June 1892, No. 1667 W., Public Works.

Communicated to officers of the Public Works Department for information.

2. The rule referred to by the Government of India in para. 2 of its letter recorded above requires that every Engineer and upper subordinate must provide himself, at his own expense, with the latest edition of the Public Works Code, keep it corrected up to date, and produce it when required by his departmental superiors.

3. Of the 300 copies of volume II of the Code received from the Government of India, 187 have been distributed as service copies for use in *offices*, but, of these, 86 * copies have been issued for Sub-divisional offices. These will now be withdrawn and forwarded to the Examiner, Public Works Accounts, who will keep them for sale to officers and subordinates. The balance † of the stock in the Secretariat will also be made over to the Examiner for the same purpose. The price of each volume will be ascertained from the Superintendent, Government Printing, Calcutta. Three hundred copies of each standing order to the Code will, in due course, be received in the Secretariat. Offices having service copies of the Code will

	Sub-divisions.
* I Circle	19
II „	12
III „	10
IV „	13
V „	13
VI „	12
Consulting Architect's division	4
No. I Periyár division ...	3
	—
	86
	—

† 113 copies.

113 - 86 = 27

be supplied direct and the requisite number of copies will be made over to the Examiner for distribution to purchasers of private copies of the Code.

4. Copies of volume I of the Code and of standing orders thereto will, on receipt, be similarly dealt with.

5. Appendix A attached to these Proceedings shows the distribution of the service copies of the Code as sanctioned to date.

(True Extract.)

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

To Superintending Engineers.
„ the Consulting Architect.
„ the Superintendent of Works, Periyár Project.
„ the Consulting Engineer for Railways.
„ the Chief Engineer for Irrigation.
„ the Examiner, Public Works Accounts.

Exd. S. J. Pereira.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of {1892} Madras.

PUBLIC WORKS.

Dated June, 2nd.

Read *Encl.*

G.O., 2nd June 1892, No. 1667 W.

JUNE.

Public Works Code

Letter from the Government of India regarding the supply of the — to officers and subordinates, communicated to officers of the Public Works Department with instructions.

Enclosure to Director General of Railways' Circular No. 4 of 1892.

RATE LIST.

CLASS B.

ENGINEERS' PLANT

(Excluding Petty Tools)

FOR 1891.

Enclosure to Director General of Railways' Circular No. 4, dated the 13th June 1892.

Statement showing the average rate per ton for entire sea freight on class B. Stores imported from England to the several ports during 1891.

Class of Stores.	Port of Bombay.	Port of Calcutta.	Port of Karachi.	Port of Rangoon.	Remarks.
	s. *d.*	*s.* *d.*	*s.* *d.*	*s.* *d.*	
Class B.—"Engineers' Plant" (excluding Petty Tools) ..	20 0	23 0	20 0	27 6	

CLASS OF STORES B.—ENGINEERS' PLANT (EXCLUDING PETTY TOOLS).

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount.	Unit.	For what railway.	Remarks.
				£ s. d.			
1/215	14-8-91	Anchors.	Martin's improved patent, with iron stocks. To be made of the best selected scrap iron and to the Admiralty specification and tests	60 0 0	Ton.	Eastern Bengal State Railway.	
3/240	19-10-91	Barrows.	Wheel, wrought iron, bodies 14″ gauge ...	1 18 0	Each.	Umaria Colliery.	
4927	15-7-91	Blocks.	Malleable cast iron, galvanised, with hooks, eyes and shackles.				
			Single sheave.				
			For ½″ chain, 9″ sheave	1 14 6	Each.	Mu Valley Railway.	
			„ ⅝″ „ 12″ „	4 12 6	„		
			„ ¾″ „ 13½″ „	5 14 6	„		

CLASS OF STORES B.—ENGINEERS' PLANT (EXCLUDING PETTY TOOLS)—*contd.*

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount. £ s. d.	Rate—Free on board. Unit.	For what railway.	Remarks.
			Double sheave.				
			For ½″ chain, 9″ sheave	2 14 6	Each.		
			„ ⅝″ „ 12″ „	7 5 6	„		
			„ ¾″ „ 13½″ „	9 8 6	„		
			Treble sheave.				
			For ½″ chain, 9″ sheave	3 12 6	Each.		
4927	15-7-91	Blocks—*contd.*	„ ⅝″ „ 12″ „	9 19 6	„	Mu Valley Railway.	
			„ ¾″ „ 13½″ „	12 8 6	„		
			Snatch, side hinged.				
			For ½″ chain, 9″ sheave	1 14 6	Each.		
			„ ⅝″ „ 12″ „	5 7 6	„		
			„ ¾″ „ 13½″ „	6 2 6	„		

Table showing size of chain each block is to take, with dimensions and tests.

		Size of Block.	Sheaves. Diameter.	Sheaves. Thickness.	Proof test, tons.
Blocks, single and snatch.	For ½″ chain ...	12	9	1¾	4½
	„ ⅝″ „ ...	16	12	2½	8½
	„ ¾″ „ ...	18	13½	2¾	13½
Blocks, double	For ½″ chain ...	12	9	1¾	6
	„ ⅝″ „ ...	16	12	2½	11½
	„ ¾″ „ ...	18	13½	2¾	18
Blocks, treble	For ½″ chain ...	12	9	1¾	9
	„ ⅝″ „ ...	16	12	2½	16⅝
	„ ¾″ „ ...	18	13½	2¾	27

4/111	10-11-91	Boilers.	Locomotive type, 30 H. P. nominal, multi-tubular, semi-portable, with fittings, steam piping, &c. Working pressure 140 lbs.	594 5 0	Each.	Warora Colliery.	Price includes photos. and tracings.
4844	25-6-91	Cranes.	Hand, derrick, each with one spare wire rope, to lift the heaviest main piece of boom of the Kistna Bridge girders, which will weigh six tons... ...	201 0 0	Each.	East Coast Railway, Kistna Bridge.	
4846	26-6-91	Engines, steam, complete.	Hauling or winding, Fowler's double cylinder, with cylinders 8 inches diameter, by 12 inches stroke, with drum 4 feet diameter, by 4 feet long. Ratio of gear ⅛.	288 0 0	Each.	Warora Colliery.	
			Two clip pulleys for above	116 0 0	Total.		
4/120	11-11-91		Hauling or winding, horizontal, compound, non-condensing, stationary, with gearing and winding drum, and guide pulleys, girders, &c.	975 0 0	Each.		For top of No. 9 shaft.

CLASS OF STORES B.—ENGINEERS' PLANT (EXCLUDING PETTY TOOLS)—*contd.*

Contracted for in 1891.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount.	Unit.	For what railway.	Remarks.
			£ s. d.			
4/120— *continued.*	Engines, steam, complete—*contd.*	Pulleys, shafting, girders, &c., &c., in the shaft and pit.	865 0 0	Total.	Warora Colliery.	The engine is to be placed on the ground level about 50 feet from the ventilating shaft of a coal mine, and suitable for working and endless wire rope system of tramways in the mine; it is to be specially strong throughout and is to work at a steam pressure of 120 lbs. per square inch and be suitable for a six ton load on the rope which conveys the power to the vertical shaft in the pit, the rope to be driven at such a speed as to give a travel of two miles per hour to the pit tubs on the various tram lines.
		Two hundred rope sheaves, with brackets, &c., complete.	250 0 0	,,		
		Two hundred Rutherford's patent double clips.	156 0 0	,,		
		Three sets tracings and six copies photographs.	10 10 0	,,		
		Extra for tightening frames, &c. ...	60 0 0	,,		
		Extra girders	20 0 0	,,		
		Total cost of engine complete ...	2,336 10 0	...		
4622 17-4-91	Engines, steam, complete—*contd.*	Pumping, Gwynne's 10″ invincible patent vertical, direct acting, centrifugal, with all necessary fittings, lubricator, &c., including patent steam ejector for charging the pump	214 14 0	Each.	East Coast Railway, Kistna Bridge.	
		One cage, wrought iron, of sufficient size to contain the above pumping engine, with supports and means for slinging, including stool, for carrying engine ...	73 9 0	,,		
		One valve sluice, "improved," 10″, with four gun-metal faces, gun-metal screw and nut, and hand wheel for opening and closing	13 11 0	,,		
		Pipe, iron, wrought, 10″, lap welded, with flanges, 2 lengths of 3 feet, 2 lengths of 6 feet, and 2 lengths of 9 feet ...	42 15 0	Lot.		
		Hose, best india rubber and canvas delivery, 10″, covered with tarred marline and painted canvas, including flanges properly seamed, in 2 lengths of 10 feet.	45 4 0	Total.		
		Hose, steam, best india rubber, fit for a 60 lb. pressure per square inch, with gun-metal unions properly secured, 2½″ diameter, in two lengths of 20 feet ...	49 14 0	Total.		
		Ten sets bolts, nuts and rings for water pipes and ten sets bolts, nuts and rings for steam pipes	5 19 0	,,		
		Total cost of engine, steam pumping, complete.	445 6 0			

CLASS OF STORES B.—ENGINEERS' PLANT (EXCLUDING PETTY TOOLS)—*contd.*

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount. £ s. d.	Unit.	For what railway.	Remarks.
3/317	24-10-91	Engines, steam, complete—*concld.*	Pumping, hydraulic, with pipes complete	490 0 0	Each.	Umaria Colliery...	Davey's patent. Similar to that supplied under Contract No. 410 of 1887, except that 1,200 feet of supply and 800 feet of delivery pipes are required with this one instead of 900 feet of each supplied formerly.
			Horizontal, high pressure, for driving a Waddle fan.	370 0 0	,,		
			One spare piston rod and cross head for above.	18 5 0	,,		
			Cast iron steam and exhaust piping, with bolts and nuts.	25 15 0	Total.		
4646	22-4-91		Two copper steam pipes with gun-metal flanges, wrought iron washer rings, and bolts and nuts	15 5 0	,,	Warora Colliery.	
			Two steam traps	20 10 0	,,		
			Two stop valves for steam pipes ...	10 5 0	,,		
			Total cost of engine complete ...	460 0 0			
3/128	10-10-91	Engines, steam: spare parts of—	Manhole, wrought iron, to be rivetted on top of fire-box shell of semi-portable boiler, supplied on contract B 143 of 1886...	8 15 0	Each.		The Manholes are required to facilitate cleaning of top of firebox when washing out.
4925	15-7-91		One set of parts of motion of winding engine, as supplied by Marshall, Sons & Co., under contract No. C. 257, dated 6th April 1883, *viz.*, 1 slot link, 1 die block, 2 eccentric rods, 2 lifting links, 1 weigh bar shaft lever, and 1 valve spindle, complete, with brass bush and glands	31 0 0	Set.	Warora Colliery.	
4452	16-2-91		Thirty-four tubes, boiler, Credenda mild steel, 7 feet 9 inches long and 2¾ inches external diameter, No. 10 B. W. G., suitable for the winding engine boiler supplied by Messrs. Robey & Co. (maker's No. 5785)	42 3 4	Lot.		
4465	21-2-91		152 tubes, boiler, mild steel, 9 feet 9 inches long and 2½ inches external diameter, for semi-portable engines supplied by Messrs. Marshall & Co. (maker's Nos. 11465 and 11467)	0 13 0	Each.	Warora Colliery.	
			86 tubes, boiler, mild steel, 9 feet 5 inches long and 2½ inches external diameter, for portable boilers supplied by Messrs. Marshall & Co. (maker's Nos. 272 and 292).	0 12 6	,,		
4878	3-7-91	Forges.	Portable, No. 3 size, 24 inches diameter	8 2 6	,,	MuValley Railway.	

CLASS OF STORES B.—ENGINEERS' PLANT (EXCLUDING PETTY TOOLS)—*contd.*

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount.	Unit.	For what railway.	Remarks.
				£ s. d.			
		Glasses, gauge.	Plain, standard sizes, for locomotive and colliery boilers :—				
			15″ × ¾″ external diameter ...	0 4 8¼	Doz.	Warora Colliery.	
			13½ × ¾ „ „ ...	0 4 2¾	„		
4305	24-1-91		13 × ¾ „ „ ...	0 4 0¾	„		
			13″ × ⅝″ external diameter ...	0 3 3	„		
			11¼ × ⅝ „ „ ...	0 2 10½	„		
			10¼ × ⅝ „ „ ...	0 2 6¾	„		
			14 × ¾ „ „ ...	0 4 4½	„		
		Jacks.	Screw, traversing, with levers and ratchets, to lift 20 tons, with steel cylinder, screws and angles and gun-metal nuts, same as supplied with heavy L. class engines	7 14 0	Each.	North Western Railway.	
4457	18-2-91	Jim crows.	With levers, for 50 lb. steel rails, span 24 inches, diameter of screw 2½ inches ...	3 0 0	Each	Burma State Railway.	
4980	31-7-91		With levers, 5 feet × 1¼ inches diameter, for 41¼ lb. Vignole's pattern rails, span 20 inches, diameter of screw 2¼ inches ...	2 12 0	„	Bhavnagar-Gondal-Junagarh Porbandar Railway.	
3/161	16-10-91		With 2 bars, 6 feet 6 inches by 1½ inches diameter, for 75 lb. steel rails, span 24 inches, diameter of screw 2¾″ ...	3 14 6	Each.	Oudh and Rohilkhand Railway.	
2/13	2-9-91	Oars.	Ashwood, 12 and 14 feet long ...	0 0 6¾	Foot.	Eastern Bengal State Railway.	
4216	8-1-91	Pulsometer.	500 feet steam pipes, two inches internal diameter, and 10 rectangular bends for—	65 0 0	Total.	East Coast Railway.	Steam valve and drain cock and pipe for each pulsometer.
		Presses, rail straightening.	For 50 lb. rails, spare parts of—				
			3 loose ends for main screw ...	0 15 0	Each.	Burma State Railway.	To replace a similar number sent out under Contract No. 1995, dated 16th February 1889.
			2 punches and dies	0 13 0	„		
4/189	17-11-91		1 die-holder	0 18 0	„		
			1 cast steel block	0 12 0	„		
			1 set screw	0 0 6	„		
			4 bolts, nuts and washers 9″ × ⅞″ ...	0 1 3	„		
1/468	29-8-91	Pulley.	Grip, patent climax, diameter over all 6′ 6″, depth of V groove 6″, diameter of hole in boss 5½″	18 0 0	Each.	Warora Colliery.	

CLASS OF STORES B.—ENGINEER'S PLANT (EXCLUDING PETTY TOOLS)—*contd.*

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount.	Unit.	For what railway.	Remarks.
				£ *s.* *d.*			
4205	2-1-91	Ropes, wire.	Extra plough steel, 200 fathoms long, circumference of rope 4½″, weight per fathom 19 lbs., breaking strain 80 tons, working strain 13 tons ...	112 10 0	Each.	North Western Railway, Chaman extension.	The price includes all testing on contractor's machines.
			Note.—The ropes are required to work over 4′ 6″ pulleys, eyes or attachments not required. The ropes are to be of the description known as Lang's patent, *i.e.*, with the strands in the rope closed in the same way as the wires are laid in the strand.				
4838	25-6-91		Winding, Craddock's plough steel, Lang's patent 360 and 400 feet long, circumference of rope 2¼″, weight per fathom 5¼ lbs., working strain 3½ tons. The ropes are to be similar to those supplied on contract No. G. 1713 of 1887 ...	3 1 0	Cwt. ...	Warora Colliery.	The rope will safely work round a drum of 48 inches diameter.
4864	29-6-91		Steel, 420 fathoms long, circumference of rope 2¼ inches, weight per fathom 5¼ lbs., working strain 2⅛ tons. The rope is to consist of six strands, each containing 19 wires	2 2 0	,,	Mu Valley Railway.	The rope will safely work round a drum of 48 inches diameter.
4510	19-3-91	Ropes, wire—*contd.*	Plough steel, 1,500 feet long, 2½″ circumference, similar to that supplied on contract No. 354, dated 29th September 1887.	34 10 0	Total ...	Dandot Colliery.	
			Steel, suitable for colliery hauling purposes and to work round drum 4 feet diameter—				
			Length. Circumference. Breaking strain of each strand in lbs. Working load. Weight per fathom.				
			1742 2½″ 7428 1 5/10 tons. 6½ lbs.				
			1700 2¼″ 6486 1½ ,, 5½ ,,				
4/92	9-11-91		3600 2¼″ 6486 1½ ,, 5½ ,,	1 5 0	Cwt.	Warora Colliery.	Six strands in each rope, each strand containing 7 wires.
			1450 2″ 5406 1 1/10 ,, 4½ ,,				
4522	25-3-91		Flexible steel, length 500 feet, circumference 2½″, breaking strain of each strand 9,980 lbs., weight per fathom 5¾ lbs. ...	13 0 0	Each.	North Western Railway.	Six strands in each rope, each stand containing 19 wires.

CLASS OF STORES B.—ENGINEERS' PLANT (EXCLUDING PETTY TOOLS)—*contd.*

Contracted for in 1891.

Contract number and date.	Articles.	Details.	Rate—Free on board. Amount.	Unit.	For what railway.	Remarks.
			£ s. d.			
	Tools, drilling.	*String of American Drilling Tools as under :—*				
		1 Augur stem 3½″, 32 feet long	11 7 6	Total.	Warora Colliery.	
		2 Bits 8″	15 0 7	,,		
		2 ,, 5½″	13 13 8	,,		
		1 Jar 5½″ diameter, 6 feet long ...	15 12 9	,,		
		1 Reamer 8″	9 17 1	,,		
4964 29-6-91		1 Reamer 5½″	8 4 3	,,		
		1 Rope socket	2 12 0	,,		
		1 Sand pump 5½″	3 17 2	,,		
		1 Sinker bar 3½″, 12′ to 14′ long ...	6 18 3	,,		
		1 Temper screw, with clamps for rope ...	8 6 8	,,		
		1 pair wrenches	9 7 9	,,		
		Total ...	104 17 8			
3/397 30-9-91	Tools, earth-boring.	Sets complete, *vide* appendix ...	230 10 0	Set.	Umaria Colliery.	
		SPARE PARTS OF—				
		Tubes, casing, swelled joint for artesian well—				
		One set 12″ internal diameter, $\frac{5}{16}$″ thick, consisting of—				
		12 tubes, 15 feet long, = 180 feet ...				
		1 tube 6 ,, = 6 ,, ...				
		1 ,, 3 ,, = 3 ,, ...				
		1 ,, 1½ ,, = 1½ ,, ...				
4459 18-2-91		Total ... 190½ feet	0 10 3	Foot.	North Western Railway.	
		One set 8″ internal diameter, $\frac{5}{16}$″ thick, consisting of—				
		24 tubes, 16 feet long, = 360 feet ...				
		1 ,, 6 ,, = 6 ,, ...				
		1 ,, 3 ,, = 3 ,, ...				
		1 ,, 1½ ,, = 1½ ,, ...				
		Total ... 370½ feet	0 7 0	,,	Ditto.	

Contracted for in 1891.

Contract number and date.		Articles.	Details.	Rate—Free on board. Amount.	Rate—Free on board. Unit.	For what railway.	Remarks.
4459—*concld.*	18-2-91	Tools, earth-boring—*concld.*	Spare parts of— *Tubes, casing, swelled joined for Artesian Well*—concld. Four sets, 6″ internal diameter, ¼″ thick, each set consisting of— 24 tubes, 15 feet long = 360 feet. 1 tube, 6 feet long = 6 feet. 1 tube, 3 feet long = 3 feet. 1 tube, 1½ feet long = 1½ feet. 370½ feet ...	£ s. d.			
			Total 1,482 feet.	0 3 10	Foot.		
			4 tubes, bottom, 3 feet long ...	1 17 0	Each.		
			4 cross pieces, length over all 3′ 6″ ...	7 10 0	,,		
			Total of contract ...	548 15 2	...		
4683 5/254	4-5-91 21-12-91	Trollies.	Platelayer's, light, wheels with axles for— ,, light, wheels and axles for—	5 3 0 5 2 6	Pair. ,,	North-Western Railway (standard gauge.)	
2/239	19-10-91	Tubs.	Mining, coal, or trams, Hudson's patent...	4 15 0	Each.	Umaria Colliery.	
4985	31-7-91	Winches.	Crab, hand, double purchase, to lift 2½ tons direct from the barrel ...	22 0 0	Each.	Mu Valley Railway.	To have plate sides, half of each kind ordered on this contract to be provided with levers, and half with Weston's patent brakes. Both kinds of crabs to be capable of being "unshipped" to double or single purchase.
			Crab, hand, treble purchase, to lift 4 tons direct from the barrel	28 0 0	,,		
4/220	19-11-91		Crab, hand, to lift 6 tons from the barrel	25 0 0	,,	Umaria Colliery.	

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Read—again the following paper :—

G.O., dated 2nd June 1892, No. 1667 W., Public Works.

Read—also the following paper :—

Office-note from the Examiner, P.W. Accounts, dated 20th June 1892, No. 853 S.A.

Order—dated 14th July 1892, No. 2008 W., Public Works.

The Examiner, Public Works Accounts, will transfer to the Superintendent, Government Press, all available copies of the Government of India Code, Vols. I and II, for sale to officers of the Public Works Department, who will apply direct to the Superintendent for the copies required by them. The price to be recovered will be ascertained from the Superintendent, Government Printing, Calcutta, and will be communicated to the Superintendent, Government Press.

2. The Superintendent, Government Printing, Calcutta, will also be requested to send direct to the Government Press, Madras, the requisite number of standing orders to the code which may be issued from time to time. The following is the authorized scale of supply and distribution :—

Standing orders to Vols. I and II, 300 of each, to be distributed as follows :—

—	Circles.	Divisions.	Total.
Superintending Engineer, I Circle	2	10	12
" II "	2	10	12
" III "	2	8	10
" IV "	2	8	10
" V "	2	10	12
" VI "	2	8	10
Consulting Architect to Government	...	2	2
Superintendent of Works, No. I Periyár division ...	...	2	2
Chief Engineer for Irrigation	...	...	7
Consulting Engineer for Railways	...	...	4
Examiner, Public Works Accounts	...	...	12
Assistant Chief Engineer for Irrigation (Tank Restoration Scheme)	...	...	1
Public Works Secretariat	...	...	7
Inspector-General of Jails	...	...	1
For issue to purchasers of the code	...	...	198
Total number of copies ...	...	...	300

Standing orders to Vols. III and IV, 20 of each, to be distributed as follows :—

	Number of copies.
Consulting Engineer for Railways	6
Examiner, Guaranteed Railway Accounts	2
Examiner, Public Works Accounts	11
Public Works Secretariat	1

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Consulting Engineer for Railways.
To Superintending Engineers.
To the Superintendent of Works, Periyár Project.
" Consulting Architect.
" Examiner, Public Works Accounts.
" Examiner, Railway Accounts.
" Public Department.

Exd. A. D. Xavier.
Spare Copies

MEMORANDUM.

Requested for reference the undermentioned papers :—

For C. No. 7067

P. W. SECRETARIAT,
Chepauk 30 June 1892.

To The Chief Secretary to Government,

GENERAL.
ESTABLISHMENT.

Govt. of {1892} Madras.

PUBLIC WORKS.

Dated July, 14th.

Read. *Encl.*

G.O., 14th July 1892, No. 2008 W.

JULY.

Government of India
Public Works Department
Code

Entrusting the Superintendent, Government Press, Madras, with the sale of copies of the —, Vols. I and II, and requesting the Superintendent, Government Printing, Calcutta, to forward to that officer direct, for distribution, all standing orders connected therewith.

30TH JUNE 1892, No. 499, EDUCATIONAL.

GOVERNMENT OF MADRAS.

EDUCATIONAL DEPARTMENT.

READ—the following papers :—

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 9th June 1892, No. B.B.–627.

I have the honour to request that Government may be pleased to sanction an honorarium of Rs. 250 to Bábu Bhupatinath Bose, B.A., an Assistant Master of the Native College, Berhampore, for translating into Uriya Mr. Sinclair's *Outlines of the History of India*. There are no suitable text-books in Uriya on this subject, as indeed on many other subjects, and the absence of them places Uriya pupils at a great disadvantage. To remedy this the preparation of books by competent persons was directed in 1889.

2. The late Mr. Sinclair was good enough to allow Government to hold the copyright of the Uriya translation of this book, if such translation were made under the auspices of the department.

From D. DUNCAN, Esq., M.A., D.Sc., Acting Director of Public Instruction, to the Chief Secretary to Government, dated Madras, 18th June 1892, No. B.B.–663.

I have the honour to request that you will be good enough to obtain the sanction of Government for payment of an honorarium of Rs. 100 to M.R Ry. Bábu B. Chatterjí, Pleader, District Court, Berhampore, for his translation of Mr. Garthwaite's First Book into Uriya. This is one of the books selected for translation in 1889, and it will be published shortly.

ORDER—dated 30th June 1892, No. 499, Educational.

On the assumption that the copyright of both the works in question belongs to Government, the payment of honoraria of Rs. 100 to Bábu B. Chatterjí and Rs. 250 to Bábu Bhúpatinath Bose is sanctioned.

2. The Government considers it advisable to extend to all cases of this nature where the sanction of the Local Government is necessary to the payment of an honorarium the principle enunciated in paragraph 4 of the Resolution of the Government of India, Department of Finance and Commerce, dated 4th January 1889, No. 59, communicated to all Departments by G.O., dated 28th January 1889, No. 42, Financial. In future, therefore, Heads of Departments should in all such cases obtain the consent of Government to the payment of the proposed honorarium before the work is begun.

(True Extract.)

Chief Secretary.

To the Director of Public Instruction.
" the Accountant-General.
" the Commissioner for the U.C.S. Examinations.
" all Departments of the Secretariat.

Exd. A. Raitt.