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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Public Works DEPARTMENT

G.O. No. B.P. No:	<i>2060 W</i>	Press. Mts.
Dated	<i>27-7-1883</i>	<i>198</i>

L.D.

Not to be folded or roughly handled

9060
No. 187A.—G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.

General.

To

THE GOVERNMENTS OF MADRAS AND THE PUNJAB, IN THE PUBLIC WORKS DEPARTMENT.
THE CHIEF COMMISSIONERS, ASSAM AND COORG.
THE AGENTS TO THE GOVERNOR GENERAL FOR RAJPUTANA AND BILUCHISTAN.
THE SUPERINTENDENT OF PORT BLAIR AND CHIEF COMMISSIONER, ANDAMAN AND NICOBAR ISLANDS.
THE DIRECTOR GENERAL OF TELEGRAPHS.
THE INSPECTOR GENERAL OF MILITARY WORKS.
THE DIRECTOR-IN-CHIEF, INDIO-EUROPEAN TELEGRAPH.
THE DIRECTOR, PERSIAN TELEGRAPH.
THE DEPUTY DIRECTOR, PERSIAN GULF TELEGRAPH.

Simla, June 21, 1884.

SIR,

IN continuation of Public Works Department Circular No. XI Public Works, dated 21st June 1883, I am directed to request that indents for lists giving the classification and nomenclature of State Railway Stores, may be sent to the Director General of Railways for compliance by the Port Storekeeper, Calcutta.

I have the honor to be,

SIR,

Your most obedient Servant,

A. G. BEGGIE, Major, R.E.,

Offg. Under Secretary to the Government of India.

Documents accompanying.

N/L.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT
ACCOUNT.
General.

To

No. 187A.—G.

Dated Simla, June 31, 1883.

Received

Indents for lists of classification and nomenclature of State Railway Stores to be sent to the Director General of Railways.

G. C. B. Press, Simla.—No. 49 P. W. D. A. B.—26-6-83.—40.

No. 187 A.—G.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
General.

To

The Government of Madras and the Punjab, in the Public Works Department.
The Chief Commissioners, Assam and Coorg.
The Agents to the Governor General for Rajputna and Beluchistan.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Inspector General of Military Works.
The Director-in-Chief, Indo-European Telegraph.
The Director, Persian Telegraph.
The Deputy Director, Persia Gulf Telegraph.

Simla, June 31, 1883.

Sir,

In continuation of Public Works Department Circular No. XI Public Works, dated 1st June 1883, I am directed to request that indents for lists giving the classification and nomenclature of State Railways Stores, may be sent to the Director General of Railways for compliance by the Port Storekeeper, Calcutta.

I have the honor to be,

Sir,

Your most obedient Servant,

(Sd.) A. G. BEGGIE, Major R.E.

Offg. Under Secretary to the Govt.

of India.

Documents accompanying

Nil.

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
General.

To

No. 187 A-C.

Dated Simla, June 21, 1883

Received

Indents for lists of classification and nomenclature of State Railway Stores to be sent to the Director General of Railways.

[For Heads of Departments.]

Circular No. VI Public Works.
GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.
ACCOUNT.
General.

To

Simla, June 21, 1883.

The Governments of Madras, Bombay, Bengal, the North-Western Provinces and Oudh, and the Punjab, in the Public Works Department.
The Chief Commissioners, Central Provinces, British Burmah, Assam and Coorg.
The Resident at Hyderabad.
The Resident at Mysore (through Foreign Department).
The Agents to the Governor General for Central India, Laghatana, and Bhuchistan.
The Superintendent of Port Blair, and Chief Commis. of Andaman and Nicobar Islands.
The Director General of Telegraphs.
The Inspector General of Military Works.
The Accountant General, Public Works Department.
The Director General of Railways.
The Director in Chief, Indo-European Telegraph.
The Director, Persian Telegraph.
The Deputy Director, Persian Gulf Telegraph.
(For information and guidance.)
The Consulting Engineers to the Government of India.
Railways, Calcutta, Lahore, and Lucknow.
The Comptroller General.
The Accountant General, Bengal.
(For information only.)

Copy of the following is forwarded to the Local Governments and Administrations and Officers noted in the margin, for information and guidance, in continuation of Public Works Department Resolution Nos. 7-30A.G., dated 8th January 1881.

2. The nomenclature and classification of stores issued by the Director General of Railways for State Railway Public Works officers when preparing from England and the Annual Return paragraphs 20 and 23 respectively. The Returns submitted in Forms K and L attached to the Public Works Department take the place of the Returns in Form K are required from the several Governments of India on the 1st of August only is required from each Province of the Government of India not later than 31st August. In the General and Irrigation Branches, the Examiners of the Stores received from the Divisional Officers to be now laid down.

3. All articles of which the aggregate value purchased or received during the year does not exceed Rs. 1,000 should be grouped together under each class, as shown in the forms.

4. The Lists M and N appended to this Circular show: (M), the List of Public Works Stores, which are ordinarily manufactured in India; and (N), those stores which though not regularly manufactured on a large scale in India are procurable in certain localities on special order and which would probably be regularly manufactured were such articles to become in frequent demand.

By order,

W. S. TREVOR, Colonel R.E.

Secy. to the Govt. of India.

Documents accompanying.
Enclosure No. I and Appendices A, B, C, E, L, M, and N.

Financial Resolution No. 3574, dated 3rd November 1890

78	79	80	81	82	16th June 1881.
48	Clematis	49	50	51	15th March 1882.
52	53	54	55	56	21st " 1882

RESOLUTION.—The Governor General in Council having had under consideration the existing orders regarding the supply of articles of European manufacture required for the public service in India, and the preparation of the annual returns of expenditure on stores, required for transmission to Her Majesty's Secretary of State for India, is pleased to direct the publication in a consolidated form of the existing rules on the subject, and at the same time to prescribe modified forms for the submission of the annual statements required by the Secretary of State. Accordingly, in supersession of the orders cited above, the Governor General in Council prescribes the following rules. These rules apply to stores required for Imperial and Provincial Services and Incorporated Local Funds, but not to those required for Excluded Local Funds.

Articles of European Manufacture.

2. All articles required for the public service which cannot be manufactured in India are, as an almost invariable rule, to be obtained by indenting on the Secretary of State. The Store Department at the India Office constitutes a special agency, which is maintained for the express purpose of purchasing stores in England on account of the Government of India, and, save in the special cases hereafter mentioned, stores of European manufacture must not be bought in India or obtained direct from Europe independently of the India Office.

3. The special cases in which, with the previous sanction of the Government of India or of the Local Government, as the case may be, stores of European manufacture may be obtained in India are—

Let, when for any special reason it may be more appropriate to do so;

2nd, when stores intended for from England have not arrived, and inconvenience to the public service is anticipated from delay in the supply;

3rd, when the articles are perishable.

4. Indents must be prepared in the following form and transmitted to England in duplicate, accompanied by a letter from the Secretary to Government direct to the address of the Assistant Under Secretary of State for India or of the Departmental Secretary at the India Office, with an intimation that the supply has been authorised by the responsible Government. All indents for Military and Marine Stores, &c., are, however, to be transmitted through the Government of India in the Military Department. (see para. 5). The grant to which the cost of stores required for Imperial Service is chargeable should be specified in the indent, and all necessary particulars should be inserted in the proper columns; if in any case a column is left blank, the reasons for not filling it up should be stated:—

Column 1.—Name of article.

2.—Revenue to which cost is chargeable (Imperial, Provincial, Local, or Other).

11. Imperial head of account or grant to which chargeable.¹⁶

1. Enthalpy of formation

2. - if the established proportion is calculated.

(C) Number of entries in short on

7. Number of countries that in previous months.

5-10-64

10

10. Value of number or quantity due on previous indent.

1-10105

Figure 1. Schematic diagram of the experimental setup. The subject is seated in a chair and views the target through a video camera. The target is a vertical rod with a horizontal bar at the end. The subject's hand is positioned at the base of the rod. The distance between the subject's hand and the target is 100 cm. The target is 10 cm in diameter and 100 cm in length. The subject's hand is positioned at the base of the rod. The distance between the subject's hand and the target is 100 cm. The target is 10 cm in diameter and 100 cm in length.

12 - Shipped under provision.
13 - Expected to be received

13. - Proposed to be provided.
14. - Proposed for the Director.

14.—Remarks by the Director General of Marine.

5. This form is not applicable to Departments, such as the Ordnance Department, for which a special form has been prescribed by the Secretary of State or the Government of India.

Page Enclosed 30-1

or to indent for stamps and currency note forms. All indents for Military, Marine, and Medical stores (whether Provincial or Imperial) must be submitted to the Government of India in the Military Department for review and transmission to the Secretary of State for compliance.

* This column will be blank if the charge is not debitable to the Imperial Revenues.

* These are to be left blank for the Director General of Stores to fill up.

6. The established proportion is, as a general rule, three years' supply, and is, unless otherwise specially ordered, based on the average of the previous three years' consumption. Demands in excess of the established proportion should be explained. In the column "Remarks" should be entered the names of the last two or three vessels whose consignments have been included in the quantity in store, as shown in column 6.

7. Patterns or samples of articles required should accompany the indent in cases where the description of the article given in the indent is unavoidably vague or too general for guidance without the help of samples; and when paper is required, it should be explained whether it is wanted for drawing, writing, or printing.

8. Indents for stores required for Provincial Services, with the exception mentioned in paragraph 5, or for Incorporated Local Funds, should be forwarded to England direct by the Local Government concerned, a copy of each indent being simultaneously transmitted to the Government of India in the Financial Department and to the Local Accountant General. But in the case of stores required for Provincial Public Works, indents should be forwarded in triplicate through the Director General of Railways, who will retain the triplicate copy and forward it to the Government of India in the Financial Department for perusal. Indents for chemicals and scientific apparatus, &c., required for Colleges and Schools, will continue as heretofore to be submitted to the Government of India in the Military Department for review and transmission to the Secretary of State.

See Enclosure No. 1.

9. Indents for stores required for Imperial Services should be forwarded as follows:—

<i>Nature of Stores.</i>	<i>To be forwarded to England by the—</i>
Military, Marine and Medical	Military Department.
Public Works, including Railway and Telegraph	Public Works Department.
Stamps, Post Office, Mint, and Paper, Currency	Department of Finance and Commerce.
Department	
Other Civil Stores for use in Bombay	Government of Bombay.
" " " " Madras	" " Madras.
" " " " Hyderabad	Foreign Department.
" " " " elsewhere	The Department of the Supreme Government concerned.

10. The Governments of Madras and Bombay, and the several Departments of the Supreme Government, will furnish a copy of each indent to the Government of India in the Department of Finance simultaneously with the transmission of the original indents to the India Office; in the case of Military and Public Works Stores, the Governments of Madras and Bombay will forward a copy of each indent to the Government of India in the Military and Public Works Departments, respectively, and not direct to the Department of Finance. In the case of the Departments of the Supreme Government, the Department of Finance will return the copies of the indents after perusal with any remarks that may seem called for.

11. With each indent, whether for Imperial or Provincial services, an explanatory memorandum or statement should be transmitted to the India Office when practicable, in the form published with this Department Circular No. 1020, dated 21st March 1882, giving the reasons for retaining in the indent any articles included in Appendix C to this Resolution, or such articles as are to any extent manufactured in India, instead of substituting for them articles procurable locally.

Books, Newspapers, &c.

12. Books and newspapers are exempted from the general rule requiring all articles of European manufacture to be obtained by indenting on the Secretary of State, and in regard to them the following procedure is prescribed.

13. Books, maps, and newspapers, or other periodicals published in Europe or America whether required for Imperial or Provincial services, or for Local Funds, shall be procured independently of the India Office, either through local book-sellers or by direct orders to agents or publishers in Europe or America.

14. For official publications, other than Parliamentary papers, whether periodical or not, requisitions, should be forwarded by the Departments of the Supreme Government, and by the Local Governments and Administrations requiring them for their own use and for the use of the officers subordinate to them, direct to the address of the Assistant Under Secretary of State for India; the revenues (Imperial, Provincial, or Local) to which the cost is chargeable, and, if Imperial, the head of account or grant to which it is debitable, being specified in the requisition.

15. Parliamentary papers required for departments and officers elsewhere than in the Madras and Bombay Presidencies will be supplied, as published, by the Secretary of State to the Home Department of the Government of India, under the terms of his Despatch No. 5, dated 13th January 1876. Any communications regarding their distribution should be made to the Secretary to the Government of India in the Home Department.

16. Parliamentary papers required by the Governments of Madras and Bombay should be obtained direct from the Secretary of State.

17. Government does not undertake to supply books and newspapers indiscriminately, and supplies must be confined to what is found actually necessary for the public service. Books for regimental schools, regimental and prison libraries, and Military Offices will, so far as the requisitions are in accordance with the rules in force in the Military Department, be bought under the orders of the Government of India, Military Department, for the Bengal Army, and of the Governments of Madras and Bombay for the Armies in those Presidencies. Books for the Educational Department should be obtained under the rules and usage of the several Local Governments concerned. Purchases of other works should be confined strictly to those books, principally of reference, which are of obvious practical necessity to the office for which it is proposed to purchase them, independently of the desire of officers for improvement on subjects connected with their duties. Purchases of other than hand-books, manuals, practical guides, and the like, should be rarely, if ever, made for executive officers, but mainly for officers charged, among other duties, with important deliberative duties of advising Government on special or important subjects.

18. All books and periodicals procured for any office should be registered or filed, and must not be permanently removed from the office for which they were intended.

19. Payment for books, newspapers, &c., procured from abroad should, by preference be made in India, either through an agent or a bank, on bills drawn by the supplier. When this is not practicable, the remittance should be made invariably through the local Accountants General and the accounting officers of the Military and Public Works Departments, who should be responsible for the purchase of the bills.

Annual Estimates of Stores required from England.

20. In order to facilitate the preparation by the India Office of the estimates of expenditure on stores, the Secretary of State has desired that forecasts shall be annually forwarded by the various indenting departments of the value of their probable requirements in respect of stores from England during the ensuing financial year. The Governor General in Council accordingly directs that all officers submitting indents for stores from England shall prepare and forward to the Local Government, or the Department of the Supreme Government concerned, as the case may be, for transmission to the Secretary of State, statements in the annexed form (Appendix A), showing in groups of principal articles the estimated gross quantities, rates, and value of stores required for the ensuing financial year.

21. Separate estimates should be prepared of stores required for Imperial Services and for Provincial Services or Incorporated Local Funds, and they should be carefully framed on the basis of previous experience, modified to meet the known or probable requirements of the service for the year which they may represent; those relating to Imperial services should be sent to the Government of India in the Department concerned, and those relating to Provincial services to the Local Government; and all should be despatched so as to reach the Local Government or the Government of India not later than the 1st of August in the year preceding that to which they relate. They should then be transmitted to the India Office so as to arrive there not later than the 1st of October in each year. The Public Works and Military Departments of the Government of India will arrange for the submission of the estimates by indenting officers in those Departments.

Annual Returns of Expenditure on Stores.

22. The existing system provides for the proper accounting for stores received from Europe and for the audit of store expenditure. For the Civil Departments of Government, instructions as to the account procedure are contained in Rule 15 of Chapter 72 and Rule 29 of Chapter 73 of the Civil Account Code; the latter rule refers to the annual report of the expenditure on stores prescribed in the Resolutions of this Department, No. 1297, dated 21st July 1871, and No. 5487, dated 10th September 1874 (for the Military and Marine Departments), and reproduces the form of the annual statement prescribed in the Resolution of this Department, No. 3574, dated 3rd November 1880, for transmission to the Secretary of State through the Government of India in the Department of Finance, showing to what extent and in what respects the intervention of the Store Department of the India Office has been dispensed with, distinguishing in groups of principal articles the stores procured in India from those imported from Europe, and giving financial results, as far as possible, whenever the system of local purchase has been adopted.

23. It is of great importance that the Secretary of State and the Government of India should have the means of observing the financial effect of the change which is being made in the mode of obtaining stores by substituting articles of local manufacture for imported stores, and also that sufficient information should be supplied to the Secretary of State to admit of a comparison between the rates of India Office purchases and those for corresponding articles of Indian manufacture purchased in considerable quantities. The Governor General in Council accordingly requests that returns for each province and department (including Military and Public Works) may be prepared commencing from the year 1882-83, in the form annexed as Appendix B to this Resolution, and submitted to the Government of India in the Department

of Finance for transmission to the Secretary of State. The statements, it should be observed are intended merely to be returns of stores received or purchased as the case may be, and it is not necessary that they should be agreed with the books of the departmental account officers, but each statement should be complete for the province or department to which it relates.

24. In future similar returns should be submitted by the 31st August in each year, and all returns, including those of the Military and Public Works Departments, should be forwarded to the Government of India in the Finance Department, in order that before transmission to the India Office, an abstract statement may be compiled showing the total value of stores produced of local manufacture and of stores imported, so as to set forth in a convenient form the progress made during the year in substituting local manufactures for imported articles.

25. A few remarks are offered in explanation of the form in which the statements are to be submitted and of which a specimen is annexed (Appendix B). The statement should be prepared in three parts, viz:—

1. European stores obtained through the Secretary of State.
2. European stores specially purchased in India.
3. Articles manufactured in India, or of Indian origin, and substituted for stores hitherto imported through the Secretary of State.

In the second and third parts the average price or rate for each class of articles, as well as all incidental charges, should be shown as far as possible in the prescribed columns, and also the estimated cost as far as can be given of similar articles if obtained through the India Office, and the gain or loss, being the difference between the actual and the estimated cost. Such observations as may seem necessary in regard to variations in quality being noted in a column of remarks. When the exact proportion of incidental charges cannot be ascertained, an approximate percentage charge may be made.

26. In the case of stores manufactured in Europe and obtained through the Secretary of State, no details are required; the articles should be grouped under a few main headings, in the manner indicated in the first column of the form, and the total value only should be given against each heading. In the case of articles of European manufacture purchased in India under the conditions stated in paragraph 3 of this Resolution, as well as in the case of articles of Indian manufacture substituted for articles previously obtained from England, details must be given of the different kinds of articles included under each major heading. The purchases of European articles in the local market being restricted to special cases, the items should not be numerous, and therefore no separate major headings need be laid down for them. They should be shown under appropriate headings in the prescribed column of the statement. As regards articles manufactured in India and purchased in lieu of stores hitherto imported, it is necessary that a uniform classification under major headings should be adopted in view to the compilation ultimately of an abstract statement; accordingly, a list has been prepared of the articles which can be produced of Indian manufacture, and is annexed as Appendix C. In this list the articles have been arranged under appropriate major headings which have been shown in alphabetical order; it is important that, in furnishing details in the prescribed column of Appendix B of the classes of articles of Indian manufacture substituted for articles hitherto imported, officers should follow as closely as possible the classification given in Appendix C. This classification as now published is, however, intended principally for the guidance of officers in the Civil Departments of Government; it is not in all respects applicable in its present form to the Public Works and Military Departments, and in reissuing this Resolution the Government of India in those Departments will circulate a revised Appendix C for the guidance of Public Works and Military officers in the preparation of the annual statements. Those Departments will also prescribe the major headings to be adopted on the principle above stated, in classifying in Appendix B the expenditure on European stores obtained through the Secretary of State.

27. The statement should include articles of importance only, that is to say, articles of which the consumption is considerable; petty articles as well as all stores which have been invariably obtained in India should be excluded. The major headings should invariably be placed in alphabetical order. Any articles not falling under one of the prescribed major headings, but which may have been received from England or purchased in the local market in considerable quantity, should be separately entered; but no articles of which the aggregate value purchased or received during the year does not exceed Rs. 1,000 should be so entered. The Governor General in Council requests that the necessary steps may be taken in the Public Works and Military Departments to ensure a uniform classification by officers in those Departments in the preparation of the statements now prescribed, and that instructions may be issued in those Departments on the principles laid down in this Resolution as to the limits of values, which should be observed in determining what articles should be included in the returns.

28. The orders of the Secretary of State make it incumbent on all officers of Government requiring stores of European manufacture to obtain them by indenting on the Secretary of State, and permit of the purchase in the local market of articles made in Europe or America only under the special circumstances mentioned in paragraph 3 of this Resolution. The Governor General in Council therefore desires again to invite the special attention of Local

Governments to the expediency of supplying the wants of Government by the purchase in the local market of articles of *bond fide* local manufacture. The Government of India is desirous to give the utmost encouragement to every effort to substitute for articles now obtained from Europe articles of *bond fide* local manufacture or of indigenous origin; and where articles of European and of Indian manufacture do not differ materially in price and quality, the Government would always be disposed to give the preference to the latter; and the Governor General in Council desires to remind all officers of Government that there is no reason why articles manufactured in India should not be obtained locally even although the raw material necessary to their manufacture may have been originally imported from Europe. It is most desirable to bear in mind the distinction between articles of European manufacture and articles produced or worked up in India from imported material; the former should not, save in exceptional cases, be purchased in the local market, while the latter should by preference be purchased locally whenever the quality is sufficiently good, and the price not higher than the cost of laying down the imported article. There are many articles which may not be immediately obtained in the local market, but which can be made in the event of Government encouraging the manufacture.

29. The list (C) appended to this Resolution is not to be understood to enumerate all the articles which should be obtained of Indian manufacture. It merely contains, for the information of the officers concerned, a list of the articles which, so far as has been yet ascertained by the Government of India, can be manufactured in India, and specifies the various sources, so far as at present known, from which the articles can be obtained of local manufacture; some of the articles named in the list, though they can be manufactured in India, are at present only made on a small scale on special order, but the Governor General in Council believes that, in the event of a constant demand arising for them, there is no reason why they should not become articles of regular manufacture in India. The list is also intended to serve as a guide to ensure that uniformity of classification which is necessary to serve as a guide for the compilation ultimately of a single annual statement. Other articles which may be procurable of *bond fide* local manufacture should be included under the appropriate headings or separately, in preparing the annual statement.

Enclosure No. 1 to Government of India, Public Works Department
Circular No. XI P. W., dated 21st June 1883.

No. 800, dated 16th April 1883.

RESOLUTION—By the Government of India, Department of Finance and Commerce.

Read again—

Financial Resolution No. 185, dated 10th January 1883, prescribing the procedure to be adopted for the supply of European stores required for the public service in India.

RESOLUTION.—In modification of the orders contained in paragraphs 5 and 8 of the Resolution read above, the Governor General in Council is pleased to direct that indents for chemicals and scientific apparatus required for Colleges and Schools shall be forwarded by the Local Government direct to the India Office, a copy of each indent being simultaneously transmitted to the Government of India in the Financial Department.

Appendix A to Government of India, Public Works Department Circular No.
XI P. W., dated 21st June 1883.

[See paragraph 29 of the Resolution of the Government of India in the Department of Finance and Commerce,
No. 185, dated 10th January 1883.]

*Estimate of the probable quantity and value of Stores required from England
for the use of during the official year 1884-85.*

Description or class of stores.	ACTUAL EXPENDITURE FOR THREE YEARS.			PROBABLE ESTIMATED RE- QUIREMENTS FOR 1884-85.		
	1880-81	1881-82	1882-83	Quantity	Rate.	Value.
	Rs.	Rs.	Rs.		Rs.	Rs.
Iron						
Copper						
Machinery						
Canvas						
Ironmongery						
Ordnance						
Shot and Shell						
Anchors						
Cable, &c.						
Stationery						
&c., &c.						

N.B.—In the estimates for 1884-85 and 1885-86, for Public Works Stores, the actual expenditure for one and two years respectively may be given if the figures for three years are not easily obtainable.

Appendix B to Government of India, Public Works

(See paragraph 23 of the Resolution of the Government of India

Annual Statement of Expenditure on Stores in the

(1) STORES MANUFACTURED IN EUROPE AND OBTAINED THROUGH THE SECRETARY OF STATE.		(2) STORES MANUFACTURED IN EUROPE BUT PURCHASED IN INDIA UNDER PARAGRAPH 2 OF GOVERNMENT OF INDIA FINANCIAL RESOLUTION NO. 185, DATED 10TH JANUARY 1883.							
Description or Class of Stores.*	Total cost, including charges.	Description or Class of Stores	Number or quantity.	ACTUAL COST IN INDIA.		ESTIMATED COST IF OBTAINED THROUGH INDIA OFFICE.			
				Average price or rate.	Incidental charges, cartage, &c.	Total cost.	Average price or rate.	Incidental charges, freight, cartage, &c.	Total cost.
	Rs.				Rs.	Rs.		Rs.	Rs.
Chemicals	...								
Coal	...								
Machinery	...								
Mint Stores	...								
Printing Materials	...								
Stationery	...								
Other articles should be grouped under appropriate headings.									

* Any stores imported from England or purchased in the local market in considerable quantities which do not fall under

Department Circular No. XI P.W., dated 21st June 1883.

in the Department of Finance and Commerce, No. 185, dated 10th January 1883.)

[here enter Presidency, Province or Department] for the official year 188 .

(3) STORES MANUFACTURED IN INDIA AND SUBSTITUTED FOR STORES FORMERLY IMPORTED THROUGH SECRETARY OF STATE.									
Description or Class of Stores.*	Number or quantity.	ACTUAL COST IN INDIA.			ESTIMATED COST IF OBTAINED THROUGH INDIA OFFICE.			DIFFERENCE.	
		Average price or rate.	Incidental charges, cartage, &c.	Total cost.	Average price or rate.	Incidental charges, cartage, &c.	Total cost.	Gain.	Loss.
				Rs.	Rs.		Rs.	Rs.	Rs.
AGRICULTURAL IMPLEMENTS—									
Axes	...	...	...						
Bill hooks	...	...	...						
(as in Appendix C)									
BUILDING AND ENGINEERING MATERIALS—									
Portland cement	...	...	...						
(and so on as in Appendix C)									

any of the headings given in this column or in Appendix C should be separately entered under appropriate headings.

List of articles which can be procured of Indian manufacture—concluded.

Names of articles.	Source from which obtainable of local manufacture, so far as known.	Names of articles.	Source from which obtainable of local manufacture, so far as known.
WOOLLEN GOODS—		WOOLLEN GOODS—contd.	
Blankets	Woollen Mills Co., Calcutta; Woollen Factory, Bangalore (Mr. S. Lee); Egerton Woollen Mills, Amritsar, Punjab.	Cloth, serge	Woollen Mills Co., Calcutta; Woollen Factory, Bangalore (Mr. S. Lee); Egerton Woollen Mills, Amritsar, Punjab.
Braid		Cloth, woollen	
Broudecloth		Flannel	
Bunting, assorted		Jerseys	
Capes		Lace woollen	
Carpets			
Cloth, hosiery			

Appendix K to Government of India, Public Works Department Circular No. XI P.W., dated 21st June 1883.

Estimate of the probable quantity and value of stores required from England for the use of _____ during the official year 1884-85.

Description or Class of Stores.	Actual expenditure for three years.			Probable estimated requirements for 1884-85.		
	1880-81	1881-82	1882-83	Quantity.	Rate.	Value.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
A.—BRIDGE-WORK—						
(Articles exceeding Rs. 1,000 each to be detailed) ...						
(Articles not exceeding Rs. 1,000 each to be grouped together) ...						
B.—ENGINEERS' PLANT—(excluding petty tools)						
(Articles exceeding Rs. 1,000 each to be detailed) ...						
(Articles not exceeding Rs. 1,000 each to be grouped together) ...						
C.—WORKSHOP MACHINERY AND HEAVY TOOLS—						
(Grouped as above) ...						
D.—BALLAST AND PERMANENT-WAY—						
(Grouped as above) ...						
E.—ROLLING STOCK—						
(a) Locomotive ...						
(Grouped as above) ...						
(b) Coaching and Goods Stock.						
(Grouped as above) ...						
F.—STATION MATERIALS AND FENCING—						
(Grouped as above) ...						
G.—TOOLS AND STORES—						
(Grouped as above) ...						

Appendix L to Government of India, Public Works Department Circular No. XI P.W., dated 21st June 1888.

(3) STORES MANUFACTURED IN EUROPE BUT PURCHASED IN INDIA UNDER PARAGRAPH 3 OF GOVERNMENT OF INDIA FINANCIAL REGULATION No. 185, DATED 10TH JANUARY 1883.					
Description of Class of Stores.	Total cost including charges.	Number or quantity.	ACTUAL COST IN INDIA.		ESTIMATED COST IF OBTAINED THROUGH INDIA OFFICE.
			Average price or rate.	Total cost.	
A.—BRIDGE WORK—	Rs.				
(Articles exceeding Rs. 1,000 each to be detailed) ...					
(Articles not exceeding Rs. 1,000 each to be grouped together) ...					
B.—ENGINEERS' PLANT—					
(excluding petty Plant)					
(Grouped as above).					
[And so on for the remainder of the classification as given in Appendix K.] ...					

Letter is answered in circular letter from Public Works Department dated 14th July 1914.

M. rubra, *M. rubra*, and *M. rubra*.

Belkows, milks	Mills, paint, hand
Bears, mauling	

Defect and Permanence:

Ballast.	Keys, wooden, for chairs or bowl sleepers.
Cushions, wooden, for bowl sleepers.	Sleepers, timber.

Relay Station

Glasses looking (ordinary).	Hides, horse.
Cloth, henna, green.	Stops, leather, door.
" " " "	Sawyer, leather, glass frame.
Dresses.	Thread, sewing.
Felt.	Waddies, leather for axle horses.

Bill hooks.
Brooms country.
Bows or jungle cutters.
Hammers.
Handies.
Hatchets.
Hold-fast joiners.
Kodjeks.
Mallets.
Maui.
Plovers.
Rammers.
Riddles or screens, iron.
Scissors.
Screens.
Shovels.
Sieves.
Slabs, painters stone with mullers.
Soldering irons.
Spades handled.
Spikes marlin.
Karnels, oil.
Dells.
Bottles, tin.
Packets, leather.
 " wooden.
Cans, tin.
Chain, brass or lamp.
Droppers and trays, tin for oil.
Drums, iron for oil, &c.
Feeders, oil.
Funnels.
Gongs, bell metal.
Lanterns.

Weights, brass, standard, Indian.
Lamps, common.
Bags, and/or leather.
 " cash
Belting.
Boats, leather.
Hides, tanned.
Leaves, belting, leather.
Skins, buffalo.
Washers, leather.
Oil, lard, rari.
 " " rolled.
Benches.
Beams.
Boards.
Coal.
Cots.
Kendalant.
Aglands.
Boxes.
Breastplates.
Carpettes.
Cans.
Casks.
Dummers.
Glasses, looking (ordinary).
Ladders.
Rails, slop.
Rankah sitting.
Bands, cap.
Belts.
Blankets.
Burlings.
Cups.

Tools and Stores—contd.

Cloth.	Oil, Rangoon.
Clodding.	" sweet.
Crockery.	Pasteboard.
Pouches for guards.	Pitch, Indian.
Sheeting.	Plumbobs.
Bags.	Potash, country.
Bands.	Ranging rods.
Baskets.	Rope.
Borax.	Rosin.
Buckets, wooden.	Salemonite.
Bungs (").	Salt.
Candles, composition (").	Sand moulders.
Cane rattan.	Shells.
Canvas.	Slates, roofing.
Cement, Portland.	Soap.
Fire clay.	Soda.
Cop.	Seaves, flag.
Cord.	Tallow.
Cotton ball thread for wicks.	Tamping rods.
Earth, fillers.	Tar, coal.
Clay, fire.	Tents.
Flags, building.	Tiles, flooring, Indian manufacture.
Flax.	Twine.
Glue, ordinary.	Waste, cotton, jute.
Gypsum.	Wax.
Gunpowder.	Webbing.
Gunny bags.	Wedges.
Hemp.	Wine, spirits of rice distilled.
Hose, canvas.	Yarn.
Jute.	Bottles, iron.
Lime.	Quarantine.
Oil, almond.	Knives, pen.
" Castor.	Paper, cartridge.
" coconut.	Rules, ebony, iron.
" kerosine.	Saddles, riding.
" mow.	Boards, drawing.
" mustard or rape.	Staves, levelled.
" poppy.	Tables, plain.

Appendix N to Government of India, Public Works Department Circular No. XI P.W., dated 21st June 1938.

LIST OF ARTICLES IN ORDINARY USE IN THE PUBLIC WORKS DEPARTMENT THAT ARE NOT MANUFACTURED IN INDIA BUT WHICH CAN BE MADE IN INDIA ON SPECIAL ORDERS AT A HIGHER PRICE.

Iron Bridge Work.

Castings of sorts.	Girders, plate.
Carbs.	Girders, triangulated.
Cylinders.	Hook bolts.
Girders, lattice.	

Engineers' Plant (excluding petty tools).

Anchors (small).	Portable forges.
Anvils.	Pug mills.
Blocks, iron.	Screw jacks.
Grapnels.	Skips.
Iron crows with levers.	Soakos mills.
Mortar mills.	

Railroad and Permanent-way.

Bolts.	Keypins, tang bolt.
Chairs, iron, for rails.	Head presses.
Clips for rails.	Spikes.

Railway Stock.

Bars, brass.	Caps, brass, for door handle nuts.
Beds, iron, upper for carriages.	Catchers, brass.
Bolts, brass, rod.	Chairs, iron.
Brackets.	Escutcheons, brass.
Glass paper.	Drawing instruments.
Touchers, iron, for rope.	Hammer, armoured.
Tickets, card.	Pens, drawing.
" copper.	Rebars, parallel.
Boxes, date (or tick).	Squares.
Chains, measuring.	Small plates.
Clinometers.	Straight edges.
Compasses.	Plates, brass.
Eyes, bronze.	Plugs for wash hand basins.
Wheels, brass.	Rolls, roller, brass for sliding doors.
Handles, brass.	Reflectors.
Hinges.	Rings, bronze and brass.
Hooks.	Sockets, brass.
Keys, carriage door.	Staples.
Lamps, coal.	Stops.
Lifts, brass.	Stools.
Locks.	Studs.
Mouldings, brass.	

Station materials and Fencing.

Pillars and brackets (cast iron).	Roofing iron.
Pipes, brass.	Tailor, cast iron.
Pipes, iron.	Welding.

Tools and Stores.

Axes, carpenters.	Saw, hand.
" platelayers.	Screws.
Anvils.	Screwdrivers.
Asphalting tools.	Senders.
Augers, carpenters.	Shovels.
Axle.	Spanners.
Axes.	Spatulas.
Bar, crow.	Spokeslaves.
Beaters, platelayers.	Squares.
Beet-hens for coopersmith.	Swages.
Bevils.	Timmen's tools.
Bits, copper, soldering.	Tongs.
Blacksmiths' tools.	Travels.
Bricks.	Turnscrews.
Brands.	Wires.

Tools and Stores.—contd.

Brass furnace tools.	Wrenches.
Brushes.	Bolt ends.
Chalks.	Bolts and nuts.
Chisels.	Boxes, cash, &c.
Coach-makers' tools.	Brads.
Compasses, combs, graining, steel.	Buckets, iron, galvanized.
Coppersmiths' tools.	Cans, copper.
Crowds.	Chain, iron.
Crowbars.	Cocks, brass.
Dills.	Escutcheons, brass for locks.
Drills, screw.	Hammers and staples.
Files, hand.	Hinges.
Files.	Hooks.
Gauges.	Locks.
Knives.	Measures, copper, liquid.
Ladders, ladders and figures, steel.	" tin.
Mops, washing.	Nails, brass.
Mullers, painters.	Nuts.
Needles.	Pins.
Nippers.	Pots, glue, and iron.
Placers, carpenters.	Rivets.
Plow irons.	Snackles.
Plows.	Sheaves.
Plowshares' tools.	Washers.
Pliers.	Weights, brass, standard, English.
Pokers.	" cast iron.
Punches.	Lamps, hand.
Rammers.	Wicks, argand.
Saws, crosscut.	Hose.
" hand.	Gold leaf.
Saws, pit.	

11/20/03

Order No. 2060 Sep 27/03

GOVERNMENT OF INDIA.
PUBLIC WORKS DEPARTMENT.

ACCOUNT.
General.



Communicated

to officers of the Public
Works Department for
information and guidance,

in continuation of G.O.

No. 469 W dated 12th

February 1883

To

No. XI Public Works.

Dated Simla, June 21, 1883.

Received

(True Extract)

No. 2060 W of July 27th 1883

Under Secy to Govt P.W.D.

Later cases

11 894 W of 11/11/83

R 1190 W of 26-11-83

R 1510-85

R 458 W of 15/11/84

R 430 C/85

R 1000 W of 11/11/85

R 1000 W of 11/11/85

R 1005 W of 11/11/85

R 1510 W of 11/11/85

R 1510 W of 11/11/85

R 1510 W of 11/11/85

R 1510 W of 11/11/85

R 1510 W of 11/11/85

R 1510 W of 11/11/85

Revised rules for the supply of European stores
and instructions for the preparation and submis-
sion of annual estimates and returns of expendi-
ture of stores.

Govt. C. B. Press, Simla.—No. 21 P. W. D. A. B.—25-3-85.—019.

With order