

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No.	1720	(14)	Press ~~Mis.~~
Dated	19-11-	1877	.

Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

19th November 1877, No. 1,720 W.

General.
Account.

Read the following paper :—

No. 178. Circular from the Assistant Secretary to the Government of India,
Public Works Department (Account—General), dated Simla, 6th November
1877, No. 65.

Revised Rules for Grants for construction of Churches.

Read again the following papers—

Letter from Inspector-General, Military Works, No. 3,578, dated 25th May 1875.
" to " No. 245 A—M & C, dated 28th July 1875.
Memorandum to Home Department, No. 286 A—M & C, dated 22nd June 1876.
" from " No. 369, dated 3rd November 1876.

Read also—

Revised rules for grants for construction of churches.

RESOLUTION.—These rules having received the approval of the Governor-General
in Council, the Government of India directs that they may be brought into operation
from the date of their receipt in supersession of the rules contained in Chapter X,
Section IV of Code.

The Governments of Madras and Bombay, in the Public Works Department, General,
Irrigation and Railway Branches.
The Governments of Bengal, North-Western Provinces and Oudh, and Punjab, in the
Public Works Department, General and Irrigation Branches.
The Chief Commissioners of the Central Provinces, British Burmah, Mysore and
Coorg, and Assam.
The Resident at Hyderabad.
The Agents to the Governor-General for Central India and Rajpootana.
The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar
Islands.
The Director-General of Telegraphs.
The Inspector-General of Military Works.

ORDER.—Ordered
that the foregoing
Resolution together
with the rules be com-
municated to the local
Governments, Admin-
istrations and Offi-
cers noted in the mar-
gin, for information
and guidance.

Also to the Financial, Home and Military Departments, for information.
(Signed) G. T. SKIPWORTH, Captain, R.E.,
Asst. Secy. to the Govt. of India.
To the Secretary to the Government of Madras, Public Works Department.

No. 179. ORDER THEREON, 19th November 1877, No. 1,720 W.
COMMUNICATED to the officers concerned and to the Ecclesiastical Department.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Govt., P.W.D.

To District Engineers.
To the Examiner of Public Works Accounts.
" Consulting Engineer for Railways.
" Ecclesiastical Department.

Exd. E. C. Shunker.
Spare Copies

19th November 1877, No. 1,720 W.

Read the following paper:—

Revised Rules for Grants for construction of Churches.

read again the following papers—
 Letter from Inspector-General, Military Works, No. 3,578, dated 25th May 1875.
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Revised rules for grants for construction of churches.

Section IV.

The Governments of Madras and Bombay, in the Public Works Department, General, Irrigation and Railway Branches.

The Governments of Bengal, North-Western Provinces and Oudh, and Punjab, in the Public Works Department, General and Irrigation Branches.

The Chief Commissioners of the Central Provinces, British Burmah, Mysore and Coorg, and Assam.

The Resident at Hyderabad.

The Agents to the Governor-General for Central India and Rajpootana.

The Superintendent of Port Blair and Chief Commissioner, Andaman and Nicobar Islands.

The Director-General of Telegraphs.

The Inspector-General of Military Works.

5511. Departments

ORDER.—Ordered that the foregoing Resolution together with the rules be communicated to the local Governments, Administrations and Officers noted in the margin, for information and guidance.

(Signed) G. T. SKIPWITH, Captain, R.E.,
Asst. Secy. to the Govt. of India.

No. 179. ORDER THEREON, 19th November 1877, No. 1,720 W.
the officers concerned and to the Ecclesiastical I

(True Extract.)

To District Engineers.
To the Examiner of Public Works Accounts.
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Enclosure to P. W. D. Circular No. 63 P. W. of 1877.

REVISED RULES.)

Section iv.—ECCLESIASTICAL.

A.—CHURCHES.

1. All charges for Churches, whether in Civil or Military Stations, are dealt with under the general head Civil Buildings. In the case of Churches in stations where there are Military Cantonments, and the Military Works in which are under the charge of the Inspector General, Military Works, and in the case of those Churches in Provinces to which the Provincial Service arrangements do not apply, the necessary funds for the works will be provided for from the Ordinary grant for Imperial Works under "Other Services." In other cases the funds will have to be provided for from the allotment for Provincial Services.

Classification of charges.

2. The provision from Public Works Funds of Churches at Military and Civil Stations is authorized under the limitations given in the following paragraphs.

Expenditure of Government money on Churches.

Military Stations.

3. At all permanent Military Stations, Churches will be provided by the Government for its Protestant and Roman Catholic British-born European Soldiers on the scale laid down in paragraph 6.

Cases in which Churches will be provided.

4. The amount of the Government grant for a Protestant Church at a Military Station will in no case exceed such a sum as will suffice to provide a plain, substantial building of the simplest ecclesiastical design, together with such plain furniture as is essentially necessary for the proper performance of the service according to the ritual of the Church of England. It will rest with private individuals to furnish the means of imparting any but the simplest ecclesiastical features and architectural decorations to the building, should they desire to do so, and also of supplying additional furniture, or furniture (including apparatus for lighting) of a more costly description.

Amount of grant for Protestant Military Church.

5. The same principles will regulate the grant for Roman Catholic Churches at Military Stations.

Roman Catholic Military Churches.

P. W. D. No. 580, G. C. B. Press—8-11-77—1,054.

REVISED RULES.

6. The number of sittings to be provided in Churches in Military Stations will be calculated on the following scale:—

DETAIL.	PROTESTANT.	ROMAN CATHOLIC.
	Nos.	Nos.
Regiment of British Infantry ...	400	300
Wing of " Cavalry ...	200	150
Regiment of " Cavalry ...	250	150
Wing of " Cavalry ...	150	100
Troop of Horse Artillery or Light Field Battery ...	100	50
Heavy Field Battery ...	100	50
Garrison Battery ...	50	...

May include provision for additional sittings in certain cases.

7. Any reasonable provision that may be necessary can also be made for Staff Officers, Officers of Native Regiments, and where no Civil Church exists, for British-born European subjects in the service of Government or of the local Railway Company.

Limitation on provision of Churches in each station.

8. As a rule, only one Protestant Church and one Roman Catholic Church will be provided at any Military Station, and where the number of sittings required for the troops according to the scale given in para. 6 is very large, the size of the Church may be regulated so as to allow of at least one-half of the troops attending service at one time.

Government grant for Churches.

9. The Government grants for Churches at Military Stations will be regulated on the following basis. The Executive Engineer should prepare a ground plan, which will afford accommodation for the total congregation to be provided for, according to the scale laid down in paras. 6 and 7, allowing 6 superficial feet per sitting, exclusive of all passages and other parts not actually occupied by the congregation. To the total superficial area thus arrived at and sanctioned by competent authority may be applied a rate per superficial foot 25 per cent. in excess of that which prevails at the Station (or at any Station in the District where the general rates for works are the same) for ordinary single-storied buildings. The result will represent the Government grant.

Civil Stations.

Churches at principal Civil Stations.

10. At the chief Civil Station of a District, or at a Railway Station where there are at least 25 British-born European subjects, Protestants or Roman Catholics, in the service of Government or of a Railway Company, and where no Church

REVISED RULES.

number below the number required will be at the rate of the next lowest number in the table. And in no case will the Government grant be allowed until these contributions, together with the grant, amount to the estimated cost of the Church.

Church accommodation to be provided only for British-born European subjects.

11. The number of sittings required for any particular Civil Station, other than a Railway Depot or Station, will be finally determined by the Government, solely with regard to the number of the British-born European subjects in the service of Government. No grant for Churches in Civil Stations will be made until private subscriptions have been obtained, and then the Government grant will not exceed double the amount of private subscriptions actually realized; the maximum figure in column 2 of the Table above being in any case the extreme limit of the grant towards the scale of accommodation which stands opposite in column 1.

Combination of Civil with Military Church.

12. It is desirable, whenever such a course will not be attended by inconvenience, to combine the Civil with the Military Church of a Station, the grant allowed for the Church accommodation of the British troops given in para. 9 being supplemented by a grant according to the scale shown in para. 10, and to the probable number of seats that will be required for the Civil British-born European residents in the service of Government or of a Railway Company.

General.

Authorized scale not to be exceeded.

13. The scales of sizes, and of expense, for all Churches above laid down, are in no case to be exceeded without a reference to the Government of India, even though the proposed expenditure from Public Funds may be within the powers of sanction vested in the Local Government or Administration.

House for Chowkeedar to be provided: As also in certain cases for other servants.

14. A house for the Chowkeedar or resident bearer may be provided. In cases, however, where the Church is distant from the bazaar, and where special grounds are shown, accommodation may be provided for other duly authorized servants, but such further accommodation will be limited to shelter for day use only. These houses should, when practicable, be adjoining to, and not within the Church compounds, but when within them they should be erected in keeping with the other Church buildings.

Churches for non-official residents require sanction of Government of India.

15. Church accommodation for non-official residents, either British-born Europeans or others, or for official residents other than British-born, should not be sanctioned by the Local Governments or Administrations without reference to the Government of India.

REVISED RULES.

3

exists already, the Government will contribute towards Church accommodation upon the following terms:—

(1). Number of sittings required.	(2). Maximum Government grant. Rs.
25	2,000
50	3,500
100	5,000
150	6,000
200	7,000
250	8,000
300	9,000
350	10,500
400	12,000
For any excess over 400	Rs. 30 per seat in excess.

Note.—For Protestants accommodation will be provided for the Church of England service only.

In ascertaining the number of seats to be provided, women, children and pensioned soldiers and their families may also be taken into account, two children being counted as one adult. In cases of stations where abnormal rates prevail, special application may be made to the Government of India for an increase to the grant given by the State.

But no grant for more than 200 sittings will be made except at seats of Local Governments and Administrations, at Hill Sanatoria, or at Railway Depôts. In the two latter cases, the number of European-born British subjects in Government or Railway service must exceed (without their families) 120, to warrant the grant for a Church of greater accommodation than 200 sittings. When the number of sittings required is intermediate between the number given in the table, the grant for the seats in excess of the nearest

Number of sittings to be provided to include provision for women, children and pensioned soldiers.

Limit on number of sittings to be provided.

REVISED RULES.

5

16. When private contributions are made towards building a Church in aid of a Government grant, the procedure to be adopted is as follows.

Private contributions.

17. The amount of private contributions being known, a definite design and estimate will be prepared by the Executive Engineer, and submitted for sanction in the usual way, the limit by which the Executive Engineer will be guided in his designs being the aggregate of the Government grant according to the scales given in paras. 8, 9 and 11, and the amount of private contributions actually realized.

Basis of design and estimate.

18. Before the work is commenced, the amount of the private contributions must be paid into a Government Treasury, and carried to credit of Deposits in the accounts of the Public Works Department, as laid down in Chapter XX, Section v, para. 16. The expenditure incurred from the Government grant, and the contributions, will be adjusted in the manner directed in Chapter XX, Section ii, para. 51, and on the principle laid down in para. 53 of the same Section.

Private contributions to be deposited.

Note.—In the case of a grant from the Church building fund for the Diocese of Calcutta, a certificate instead of a cash payment in advance may be accepted showing the amount of the contribution to be allowed. The conditions on which this certificate may be accepted are that in every case definite arrangements must be made with the Local Government or Administration concerned respecting the precise dates on which the contributions will be paid, and that, until the payment is made, the Government shall have a primary lien on the funds of the Society. In case of any failure in paying up the stipulated payment on due date, the privilege herein allowed is to cease.

19. In dealing with cases of this nature, unless it be otherwise specifically ordered, the private contribution is to be looked upon as an addition to the Government grant, instead of the money allowed from Public Funds being considered as a grant in aid of private contributions, and the responsibility of Public Works Officers with respect to the preparation of estimates, and the construction of such buildings with reference to excess of expenditure over the estimate, will be as strictly enforced as in a case where only public funds are expended.

Mode of treating these contributions.

20. The supply of Church furniture will be regulated by the following rules. All expenditure connected with the articles to be supplied by the Public Works Department will be provided for under the rules laid down in Chapter Section of Code.

Supply of Church furniture to be regulated by following rules.

I.—Each Government Protestant Church, Civil or Military (Cathedrals excepted), will be supplied by the Public Works

REVISED RULES.

Department with the following articles, the cost of which will be allowed in addition to the grant for the building:—

	Maximum cost.	Rs.
a.—Appliances to seat the congregation, and to allow them to kneel in decent comfort—		
Officers per seat ...	...	5
" stool ...	...	2
Soldiers per seat ...	...	4
" stool ...	...	1
b.—Communion table, each ...	...	45
" rails per running foot ...	...	4
c.—Pulpit, each ...	...	200
d.—Reading desk and stool ...	...	60
e.—Font and cover ...	...	60
f.—Vestry almirah ...	...	45
" table ...	...	12
Two Vestry chairs, per pair ...	...	10
g.—One Altar chair ...	...	12
h.—Punkahs, complete, per running foot ...	...	2
Thermantidotes when necessary, each ...	...	200
i.—Lighting apparatus, per 100 seats ...	...	100
Candlesticks for Pulpits, per set ...	...	40
" for Lectern ...	...	30
" for Reading desk ...	...	30
j.—Lectern ...	...	50
k.—One Bell of reasonable size to summon the congregation to Church, at a cost not exceeding Rs. 300 for a first class Church (<i>viz.</i> , those containing more than 400 sittings,) and Rs. 200 for a second class Church (<i>viz.</i> , those containing less than 400 sittings).		

NOTES.

REFERENCE TO MADRAS P.W.D. CODE.

PARAS. 2140-8, 2283-5, and 2254-5.

1. The mode of keeping this Register is fully explained in the paragraphs quoted above. It is kept in two parts, the first of which shows in the usual manner the work done, and the second the quantity and value of the out-turn. This value will be as nearly as possible the actual cost of the articles turned out.

2. A separate account should be opened for each operation. In cases of lime and soorkee manufacture, the account should be closed every half-year. The account of manufacture of bricks may, however, be closed once every year.

3. When there is any balance at debit or credit of the operation after the account has been completed, the Executive Engineer will adjust it in the following manner, after obtaining the authority of the Superintending Engineer in each case:—

- (a.) When there has been a loss—by crediting the manufacture and debiting the sub-head of stock concerned.
- (b.) When there has been a profit—by debiting the manufacture and crediting the sub-head of stock concerned.

In either case the adjustment should be made through Forms Nos. M10 and M11.

4. An analysis of the balance at debit under each operation at end of March every year should be submitted with the half-yearly stock register ending that date.

5. All losses should be reported to the Superintending Engineer for orders.

6. The Executive Engineer will initial the register of each manufacture, on which there has been any expenditure, or from which there has been any out-turn during the month.

[No. 5 of 1885.]

P. W. D. FORM.
No. M38A.

Register of Manufacture.

CHINGLEPUT

Name of Manufacture—Manufacture of
Authority, G.O., No 126 W.

Month, &c.	1		2		3		4	
	Moulding		Landing		Firing kiln.		Coal.	
	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
Estimate No. 10 of 1879-80	740,000	555 0 0	740,000	133 0 0	50 0 0	3,800 1 425 0 0		
Rate								
Expenditure of previous years brought forward								
November 1879	260,000	195 0 0						
Rate								
December 1879	400,000	300 0 0	650,000	121 14 0	22 11 6	2,523 948 7 0		
Rate								
January 1880	600,000	495 0 0	650,000	121 14 0	22 11 6	2,523 948 7 0		
Rate								
Total	700,000	525 0 0	690,000	129 0 0	54 1 0	2,529 948 0 0		

REVISED RULES.

2.—Chicks or bamboo blinds for doors and windows where absolutely necessary } At market rates.

The "Reading desk" should be simply a desk (however appropriately shaped), and not an enclosure, expensive from its size, and occupying needless space.

II.—The Civil Department will provide the following articles:—

	Rs.
Suitable set of Communion Plate	150
Safe for custody of Communion Plate, which is also to be used for records	150
Altar cover of red embroidered cloth	150
Bibles and Prayer-book for the Clergyman	50
Fair linen cloth and napkins for Communion Service	35

III.—Each Roman Catholic Church built by Government, Civil or Military, for the use of the European Soldiers, will be supplied by the Public Works Department with the following articles, the cost of which will be allowed in addition to the grant for the building:—

	Maximum cost.
a.—One Bookstand	8
b.—One Almira for Altar vestments, &c., at least 4 feet long by 2 feet 5 inches broad	45
c.—Three Altar chairs for Officiant and Assistants	36
d.—One Table and three chairs for the Vestry	27
e.—One Font and Cover	60
f.—Seats and kneeling accommodation for the congregation—	
Officers, per seat	5
stool	2
Soldiers, per seat	4
stool	1
g.—Altar Table.	
h.—Communion Rail.	200
i.—Pulpit, each	
j.—Punkabs where required, complete, per running foot	2
k.—Apparatus for lighting, per 100 seats	100
l.—One Bell as in k.	

7,700	462 0 0	75 0 0	130 0 0	115 15 0
6 0 0				

REVISED RULES.

A second Altar Table may be supplied to Churches intended to accommodate more than 500 persons.

IV.—The following articles will be supplied to Roman Catholic Churches by the Military Department on the Executive Engineer's certificates of the necessity of original supply or renewal, as the case may be:—

	Rs.
1.—One Tabernacle, inside covered with silk	150
2.—One Pyx with Silver Cup, inside gilt ...	100
3.—One Chalice	100
4.—One Monstrance	180
5.—Six Altar Candlesticks and Crucifix ...	150
6.—Two Cruets and one Plate	10
7.—One Altar Lamp	30
8.—One Missal	25
9.—Altar Canons (one set of three) ...	8
10.—Altar Vestments of silk (five sets of the five colours)	300
11.—Two Copes, one white and one black, of silk	120
12.—Humeral for Benediction	30
13.—Altar linen, comprising Albs, Altar covers, Communion cloth, &c. ...	80

The Executive Engineer will be guided in granting the certificates above alluded to by the following principles:—

Class I.—Churches built by Government.—The certificate should state that the Church was built by Government for the use of European Troops or British-born European subjects in the service of Government or of the local Railway Company, and is still maintained for the same purpose.

Class II.—Churches which have received building grants from Government.—The certificate should state that the Church received a building grant of Rs. ———, equal to the ——— part of the total cost of the building, and that the grant was made on account of European Troops or British-born European subjects in the service of Government or of the local Railway Company, and that the building is still used by them.

For this class of Churches a proportion of the standard cost of the articles will be sanctioned equal to the proportion of the grant-in-aid to the total cost of the building itself.

REVISED RULES.

Class III.—Churches rented by Government.—The certificate should state that the Chapel is wholly rented by Government for the use of European Troops or British-born European subjects in the service of Government or of the local Railway Company.

In this class the articles necessary for service will be given by the Military Department, but returned into Store if the building ceases to be rented for the performance of Divine Service to a Military congregation.

In none of the classes described above should any article of furniture be allowed with retrospective effect, and the required certificates should afford information as to when the article was originally supplied, and by whom, and the reason for recommending its renewal. When, however, the Government pay for the use of a certain varying number of seats in a Church, the hire of the seats should include everything necessary for the performance of the Service.

V.—When a Church, whether Protestant or Roman Catholic, is to be furnished, the Executive Engineer should communicate with the Ecclesiastical authorities concerned with a view to afford the congregation an opportunity of furnishing the Church by private subscriptions in more costly style, should they wish to do so. It is to be understood, however, that any article of furniture to which any public funds may have been applied will remain the sole property of Government, even though a portion of its cost may have been contributed by private persons. And in cases where articles of Church furniture are procured from England, they should be purchased through the Secretary of State in the ordinary way, with the exception of the "fair linen cloth, napkins, Bibles and Prayer-books," which may be purchased in India.

21. Where Pew rents are charged, the renewal and repair of furniture will be met from that fund, and not be allowed to be brought forward as a public charge.

Renewals of furniture to be a charge against Pew rents.

22. The care of Church clocks is to be charged against the above fund where it exists.

Clocks.

23. The pay of Chowkeedars of Churches will be disbursed through Chaplains.

Chowkeedars.

24. Churches are under the control of the Bishop of the Diocese in respect to the erection of tablets, ornaments, &c., while in course of construction, as well as after completion and consecration.

Tablets, &c.

25. All Churches built by Government under these rules shall be considered the property of the Government.

Churches built by Government to be considered property of Govt.

REVISED RULES.

Compensation for accommodation for Roman Catholic soldiers in Chapels neither belonging to nor rented by Government.

26. The rate of compensation for sittings for Roman Catholic soldiers shall be determined by the Public Works Department with reference to the value and description of the accommodation provided, subject to a limit of Rs. 3 per seat per annum, broken periods counting as a year.

27. The number of sittings for which compensation is allowed will be subject to the same limit as is imposed in the case of the number allowed in churches built at Government expense (para. 6) the maximum allowed being 300 for a regiment of European Infantry or 33 per Company.

28. The outlay will appear in the Public Works Department budget-estimates and accounts under the head of Civil Buildings—Repairs.

29. Charges for compensation require the previous sanction of the Government of India, and must be supported by a certificate from the officer commanding the station of the numbers of Roman Catholic Soldiers, and by women and children for whom chapel accommodation has been obtained and by a receipt for the money paid.

NOTES.

REFERENCE TO MADRAS P.W.D.
PARAS. 2296 TO 2304.

1. This form is intended to exhibit expenditure on, and the out-turn from manufacture of stock, and is similar to ordinary works (Form No. M43), with an additional page for the details of the out-turn.

2. The last line on the out-turn represents the difference between the expenditure and out-turn, and will be either a credit balance under manufacture, or the expenditure or value of out-turn.

3. The total of all these balances for several manufactures should agree with the balance under the head "Stock manufactured" in Part III of the Stock Abstract B.

[No. 5 of 1885.]

For para. 2296, substitute the following :—

2296. The work vouchers to accompany the monthly accounts submitted to the Examiner will be prepared, under the following rules, the entries comparing estimate with work done, and payments made being taken from the register of works.

I. All works and items of repair estimated to cost Rs. 2,500 and under, will be included in a single work voucher, Form No. M 49. In this form will also be included items of works or repairs estimated to cost over Rs. 2,500, when the executed quantity of work done has not amounted in the case of any sub-head to half the estimated quantity: in Form No. M48, will be sub-

II. A separate work voucher, in Form No. M48, will be submitted for every work and repair estimated to cost over Rs. 2,500, so soon as the executed quantity on any one sub-head reaches half the estimated quantity.

III. When a work is entirely carried out by the agency of one contractor, a work voucher will not be necessary, as the contract certificate takes its place.

IV. For manufacture, a work voucher in Form No. M48A, showing outturn as well as outlay will be submitted in every case in which the estimate is over Rs. 2,500.

Para. 2297. For the words, "the work voucher," in the 2nd line, substitute, "Form No. M48."

For para. 2298, substitute the following:—

For para. 2298, substitute the following:—
2298. Charges for Tools and Plant and Establishment will be accounted for in the following forms:—
1. For the manufacture of Tools and Plant, a work

I. For purchase and manufacture of Tools and Plant, a work voucher in Form No. M48 will be submitted, showing the number, rate and description of each article in every case.

II. For repairs of Tools and Plant, a work voucher in Form No. M48, will be required in every case in which the form prescribed in para. 1946 is not used.

III. For Establishment charges, Form No. M50 will be used.
[No. 33 of 1885.]

[illegible]

No. 34.

P.W.D. Book of Forms.

Form No. M5. Add as note 2A:—

2A. When, under the provisions of Code, para. 2102A, the accounts of a work are not to be kept by sub-heads, Parts I and III of the form will show the labor employed and materials used each day, but not the distribution thereof by sub-heads of estimate. [No. 34 of 1885.]

Form No. M6. In the 5th line of note 1, for the words, "under each sub-head," substitute, "respectively in gross, or by sub heads, as the case may be." [No. 34 of 1885.]

Form No. M38. Cancel note 3, and in note 4, for the words, "and in the case of works estimated to cost over Rs. 2,500, with the sub-heads of estimate," substitute, "as provided in Code, para. 2250." [No. 34 of 1885.]

Form No. M48. For the 2nd sentence of note 1, substitute:—

"When the register of works exhibits the outlay on sub-heads according to the normal cost (see Code, para. 2250), the heading of column 7, "Rate of actual cost," will be altered in this form to show "Normal Cost," and entries will be posted from the Register of Works; in columns 9 and 10, entries will be necessary only for items 12 and following."

In note 3, expunge the word, "for which accounts have to be kept by sub-heads, and," in the 5th and 6th lines. [No. 34 of 1885.]

7,700	462	0	0	75	0	0	130	0	0	115	15	6	2,439	13	6
...	6	0	0	...	...	...	...	...	...	...	...	...	...	...	...

Amount	
Rs.	A. P.
618	0 0
278	0 0
1,655	0 0
506	13 6

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.
STANDING ORDERS.
1885.

No. 35

• P.W.D. Code, Chap. I. •

Para. 12. To the gradation of the Upper Subordinate Establishment, add:—
 "Apprentice Overseer." [No. 35 of 1885.]

No. 36.

P.W.D. Cole, Chap. I.

24. Similarly, all proposals for alterations in sanctioned establishments, whether permanent or temporary, requiring the sanction of the Government, must be submitted in Form No. M184, accompanied by explanations as to the necessity for the changes proposed.

No. 37.

• P.W.D. Code, Chap. 1

Cancel para. 50. [N^o 37 of 1885.]

No. 38.

P.W.D. Code, Chap. I.

Para. 67. Expunge the words, "or deputation," in the 1st line.
[No. 38 of 1885.]

[illegible]

Public Works Department.						
1	2	3		4		5
Letter.	Article.	1st class by number.	2nd class by number.		Repairs.	
		Number of plate in stand and plan.	Number to be issued.	Number of plate in stand and plan.		Number to be issued.
B	Bars, horizontal	...	1	...		
	Do. horizontal, iron.	VI	1	...		
	Beam, horizontal	VII	1	...		
F	Do. great, cross	III	1	1	Should be used more as a support to 120	
L	Fort or prepared wall.	I	1	1	1	
	Ladder, bridge	II	1	1	1	
	Do. elastic	VIII	1	1	1	
O	Octagon	IV	1	1	1	
S	Shelf	V	1	1	1	

NOTE.—When Sheet ...

ORDNANCE STORES.

Articles to be supplied by the Public Works Department.

1	2	3
Articles.	Proportion allowed by Regulation.	Surplus to be kept by regiments.
	<i>Fire-engines and their Appurtenances.</i>	
Buckets, wooden, small.	20 Per company barrack having thatched roofs and water tanks.	None.
Ladders, bamboo.	8 Per fire-engine for filled barracks.	1 or 2 For each building.
Ladders, fire, bamboo.	16 Per fire-engine for thatched barracks.	None.
	For public buildings occupied by Native troops and for such departmental buildings as are liable to fire.	To be supplied by the Public Works Department except for ordnance buildings where there is an arsenal, in which case they should be provided by the Ordnance Department.
	To be supplied on indent in the proportion which will be communicated by Superintending Engineers.	
Fire, with hooks and run.	2 Per twenty barracks with thatched roofs.	None.

[No. 4 of 1885]

[No. 4 of 1895.]

[illegible]

DIVISION.

bricks at Chingleput during the year 1879-80.

dated 15th June 1879.

tion.

5		6				7		8				9	
Firewood.		Unloading.				Land and kilns.		General charges.				Total.	
Quantity.	Amount.	Quantity.	Amount.			Quantity.	Amount.	Quantity.	Amount.			Quantity.	Amount.
MDS.	RS. A. P.	NO.	RS. A. P.			RS. A. P.		RS. A. P.				RS. A. P.	
1,500	90 0 0	700,000	94 0 0			100 0 0		165 0 0				2,618 0 0	
300	18 0 0							65 0 0				278 0 0	
300	18 0 0					100 0 0		65 0 0				278 0 0	
600	36 0 0		75 0 0					50 15 6				1,655 0 0	
900	54 0 0		75 0 0			100 0 0		115 15 6				33 0 0	
6,800	408 0 0					30 0 0						806 13 6	
7,700	462 0 0		75 0 0			130 0 0		115 15 6				2,439 13 6	

Re
Ja

Rate

129	8 0	54	1 0	2,529	948	7 0
0	3 0				0	6 0

Name of Manufacture—Manufacture of bricks at Chingleput during 1879-80—(Continued).

[illegible]

	Rd.	RS.	A. P.	No.	RS.	A. P. C. FY.	RS.	A. P.	RS.	A. P.	RS.	A. P.
Estimated No. 10 of 1879-80	410,000	2,200	0 0	150,000	360	0 0 1,933	58	0 0	2,618	0 0	...	...
Bals...		5	0 0	...	2	0 0	3	0 0	...	...	...	...

279 00 A.B.
19-12-79

13 6 A. B. 16.1.50

10

Rate

Total ..	700,000
----------	---------

700,000

BRIGATION BRANCH.

No. 1.—General Abstract of Fine.

Estimate Cons.	Name of Project	Direct Charges.	RS.
	A.—Canal		...
	B.—Canal		...
	C.—Project		...
	D.—Ancient		...
	E.—River Works		...
	and so on.		...

NOTE.—Separations should be omitted.

[No. 28 of 1885.]

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

STANDING ORDERS

1885.

No. 6.

P.W.D. Code, Chap. I.

Add to para. 63 :—

"See para. 830." [No. 6 of 1885.]

No. 7.

P.W.D. Code, Chap. I.

Para. 166. After the word, "Draftsmen," in the 2nd line of page 27, insert, "on the permanent Establishment." [No. 7 of 1885.]

No. 8.

P.W.D. Code, Chap. III.

Add to para. 491 :—

"See also para. 934." [No. 8 of 1885.]

No. 9.

P.W.D. Code, Chap. III.

Para. 512. *P. W. D. Code, Chap. III.*
After the words, "in India," in the 5th line, insert,
"on or." [No. 9 of 1885.]

No. 10.

P.W.D. Code, Chap. V.

Add to para. 746:—

"See para. 852." [No. 10 of 1895.]

MANUFACTURE COMMENCED IN NOVEMBER 1879.
Name of Manufacturer Manufacture of Bricks at Chinglepat during 1879-80. (Continued).

	Outturn.				Balance at debit or credit of manufacture (difference between columns 9 and 13).		Initials of Executive Engineer to transactions of the month.
	10	11	12	13			
	Bricks 11" x 7" x 4"	Bricks 11" x 7" x 4"	Bricks 11" x 7" x 4"	Total.			
	Quantity	Amount	Quantity	Amount			
Balance forward					2,619	0 0	
1879-80	410,000	2,200	0 0	19,000	350	0 0	
1880-81	1,000	5	0 0	200,000	200	0 0	
1881-82	1,000	5	0 0	200,000	200	0 0	
1882-83	1,000	5	0 0	200,000	200	0 0	
1883-84	1,000	5	0 0	200,000	200	0 0	
1884-85	1,000	5	0 0	200,000	200	0 0	
1885-86	1,000	5	0 0	200,000	200	0 0	
1886-87	1,000	5	0 0	200,000	200	0 0	
1887-88	1,000	5	0 0	200,000	200	0 0	
1888-89	1,000	5	0 0	200,000	200	0 0	
1889-90	1,000	5	0 0	200,000	200	0 0	
1890-91	1,000	5	0 0	200,000	200	0 0	
1891-92	1,000	5	0 0	200,000	200	0 0	
1892-93	1,000	5	0 0	200,000	200	0 0	
1893-94	1,000	5	0 0	200,000	200	0 0	
1894-95	1,000	5	0 0	200,000	200	0 0	
1895-96	1,000	5	0 0	200,000	200	0 0	
1896-97	1,000	5	0 0	200,000	200	0 0	
1897-98	1,000	5	0 0	200,000	200	0 0	
1898-99	1,000	5	0 0	200,000	200	0 0	
1899-00	1,000	5	0 0	200,000	200	0 0	
1900-01	1,000	5	0 0	200,000	200	0 0	
1901-02	1,000	5	0 0	200,000	200	0 0	
1902-03	1,000	5	0 0	200,000	200	0 0	
1903-04	1,000	5	0 0	200,000	200	0 0	
1904-05	1,000	5	0 0	200,000	200	0 0	
1905-06	1,000	5	0 0	200,000	200	0 0	
1906-07	1,000	5	0 0	200,000	200	0 0	
1907-08	1,000	5	0 0	200,000	200	0 0	
1908-09	1,000	5	0 0	200,000	200	0 0	
1909-10	1,000	5	0 0	200,000	200	0 0	
1910-11	1,000	5	0 0	200,000	200	0 0	
1911-12	1,000	5	0 0	200,000	200	0 0	
1912-13	1,000	5	0 0	200,000	200	0 0	
1913-14	1,000	5	0 0	200,000	200	0 0	
1914-15	1,000	5	0 0	200,000	200	0 0	
1915-16	1,000	5	0 0	200,000	200	0 0	
1916-17	1,000	5	0 0	200,000	200	0 0	
1917-18	1,000	5	0 0	200,000	200	0 0	
1918-19	1,000	5	0 0	200,000	200	0 0	
1919-20	1,000	5	0 0	200,000	200	0 0	
1920-21	1,000	5	0 0	200,000	200	0 0	
1921-22	1,000	5	0 0	200,000	200	0 0	
1922-23	1,000	5	0 0	200,000	200	0 0	
1923-24	1,000	5	0 0	200,000	200	0 0	
1924-25	1,000	5	0 0	200,000	200	0 0	
1925-26	1,000	5	0 0	200,000	200	0 0	
1926-27	1,000	5	0 0	200,000	200	0 0	
1927-28	1,000	5	0 0	200,000	200	0 0	
1928-29	1,000	5	0 0	200,000	200	0 0	
1929-30	1,000	5	0 0	200,000	200	0 0	
1930-31	1,000	5	0 0	200,000	200	0 0	
1931-32	1,000	5	0 0	200,000	200	0 0	
1932-33	1,000	5	0 0	200,000	200	0 0	
1933-34	1,000	5	0 0	200,000	200	0 0	
1934-35	1,000	5	0 0	200,000	200	0 0	
1935-36	1,000	5	0 0	200,000	200	0 0	
1936-37	1,000	5	0 0	200,000	200	0 0	
1937-38	1,000	5	0 0	200,000	200	0 0	
1938-39	1,000	5	0 0	200,000	200	0 0	
1939-40	1,000	5	0 0	200,000	200	0 0	
1940-41	1,000	5	0 0	200,000	200	0 0	
1941-42	1,000	5	0 0	200,000	200	0 0	
1942-43	1,000	5	0 0	200,000	200	0 0	
1943-44	1,000	5	0 0	200,000	200	0 0	
1944-45	1,000	5	0 0	200,000	200	0 0	
1945-46	1,000	5	0 0	200,000	200	0 0	
1946-47	1,000	5	0 0	200,000	200	0 0	
1947-48	1,000	5	0 0	200,000	200	0 0	
1948-49	1,000	5	0 0	200,000	200	0 0	
1949-50	1,000	5	0 0	200,000	200	0 0	
1950-51	1,000	5	0 0	200,000	200	0 0	
1951-52	1,000	5	0 0	200,000	200	0 0	
1952-53	1,000	5	0 0	200,000	200	0 0	
1953-54	1,000	5	0 0	200,000	200	0 0	
1954-55	1,000	5	0 0	200,000	200	0 0	
1955-56	1,000	5	0 0	200,000	200	0 0	
1956-57	1,000	5	0 0	200,000	200	0 0	
1957-58	1,000	5	0 0	200,000	200	0 0	
1958-59	1,000	5	0 0	200,000	200	0 0	
1959-60	1,000	5	0 0	200,000	200	0 0	
1960-61	1,000	5	0 0	200,000	200	0 0	
1961-62	1,000	5	0 0	200,000	200	0 0	
1962-63	1,000	5	0 0	200,000	200	0 0	
1963-64	1,000	5	0 0	200,000	200	0 0	
1964-65	1,000	5	0 0	200,000	200	0 0	
1965-66	1,000	5	0 0	200,000	200	0 0	
1966-67	1,000	5	0 0	200,000	200	0 0	
1967-68	1,000	5	0 0	200,000	200	0 0	
1968-69	1,000	5	0 0	200,000	200	0 0	
1969-70	1,000	5	0 0	200,000	200	0 0	
1970-71	1,000	5	0 0	200,000	200	0 0	
1971-72	1,000	5	0 0	200,000	200	0 0	
1972-73	1,000	5	0 0	200,000	200	0 0	
1973-74	1,000	5	0 0	200,000	200	0 0	
1974-75	1,000	5	0 0	200,000	200	0 0	
1975-76	1,000	5	0 0	200,000	200	0 0	
1976-77	1,000	5	0 0	200,000	200	0 0	
1977-78	1,000	5	0 0	200,000	200	0 0	
1978-79	1,000	5	0 0	200,000	200	0 0	
1979-80	1,000	5	0 0	200,000	200	0 0	
1980-81	1,000	5	0 0	200,000	200	0 0	
1981-82	1,000	5	0 0	200,000	200	0 0	
1982-83	1,000	5	0 0	200,000	200	0 0	
1983-84	1,000	5	0 0	200,000	200	0 0	
1984-85	1,000	5	0 0	200,000	200	0 0	
1985-86	1,000	5	0 0	200,000	200	0 0	
1986-87	1,000	5	0 0	200,000	200	0 0	
1987-88	1,000	5	0 0	200,000	200	0 0	
1988-89	1,000	5	0 0	200,000	200	0 0	
1989-90	1,000	5	0 0	200,000	200	0 0	
1990-91	1,000	5	0 0	200,000	200	0 0	
1991-92	1,000	5	0 0	200,000	200	0 0	
1992-93	1,000	5	0 0	200,000	200	0 0	
1993-94	1,000	5	0 0	200,000	200	0 0	
1994-95	1,000	5	0 0	200,000	200	0 0	
1995-96	1,000	5	0 0	200,000	200	0 0	
1996-97	1,000	5	0 0	200,000	200	0 0	
1997-98	1,000	5	0 0	200,000	200	0 0	
1998-99	1,000	5	0 0	200,000	200	0 0	
1999-00	1,000	5	0 0	200,000	200	0 0	
2000-01	1,000	5	0 0	200,000	200	0 0	
2001-02	1,000	5	0 0	200,000	200	0 0	
2002-03	1,000	5	0 0	200,000	200	0 0	
2003-04	1,000	5	0 0	200,000	200	0 0	
2004-05	1,000	5	0 0	200,000	200	0 0	
2005-06	1,000	5	0 0	200,000	200	0 0	
2006-07	1,000	5	0 0	200,000	200	0 0	
2007-08	1,000	5	0 0	200,000	200	0 0	
2008-09	1,000	5	0 0	200,000	200	0 0	
2009-10	1,000	5	0 0	200,000	200	0 0	
2010-11	1,000	5	0 0	200,000	200	0 0	
2011-12	1,000	5	0 0	200,000	200	0 0	
2012-13	1,000	5	0 0	200,000	200	0 0	
2013-14	1,000	5	0 0	200,000	200	0 0	
2014-15	1,000	5	0 0	200,000	200	0 0	
2015-16	1,000	5	0 0	200,000	200	0 0	
2016-17	1,000	5	0 0	200,000	200	0 0	
2017-18	1,000	5	0 0	200,000	200	0 0	
2018-19	1,000	5	0 0	200,000	200	0 0	
2019-20	1,000	5	0 0	200,000	200	0 0	
2020-21	1,000	5	0 0	200,000	200	0 0	
2021-22	1,000	5	0 0	200,000	200	0 0	
2022-23	1,000	5	0 0	200,000	200	0 0	
2023-24	1,000	5	0 0	200,000	200	0 0	
2024-25	1,000	5	0 0	200,000	200	0 0	
2025-26	1,000	5	0 0	200,000	200	0 0	
2026-27	1,000	5	0 0	200,000	200	0 0	
2027-28	1,000	5	0 0	200,000	200	0 0	
2028-29	1,000	5	0 0	200,000	200	0 0	
2029-30	1,000	5	0 0	200,000	200	0 0	
2030-31	1,000	5	0 0	200,000	200	0 0	
2031-32	1,000	5	0 0	200,000	200	0 0	
2032-33	1,000	5	0 0	200,000	200	0 0	
2033-34	1,000	5	0 0	200,000	200	0 0	
2034-35	1,000	5	0 0	200,000	200	0 0	
2035-36	1,000	5	0 0	200,000	200	0 0	
2036-37	1,000	5	0 0	200,000	200	0 0	
2037-38	1,000	5	0 0	200,000	200	0 0	
2038-39	1,000	5	0 0	200,000	200	0 0	
2039-40	1,000	5	0 0	200,000			

Nam	
Month, &c.	
Estimate No. 10 of 1879-80	Rate
Outturn of previous year brought forward November 1879	
Rate	Total
December 1879	
Rate	Total
January 1880	293
	100
Rate	Total
	393

S. DEAN,
Accountant.

Completed—Account closed.

A. BROWN, Lieut.,
Executive Engineer.

2

No. 11.

P.W.D. Code, Chap. V.

Add to para. 811:—

"See para. 217 et seq." [No. 11 of 1885.]

No. 12.

P.W.D. Code, Chap. V.

Para. 849. Omit, "See Appendix A," in the last line. [No. 12 of 1885.]

No. 13.

P.W.D. Code, Chap. V.

Add to para. 853:—

"See also para. 749." [No. 13 of 1885.]

No. 14.

P.W.D. Code, Chap. V.

Para. 868. For the words, "G.O., No. 19 of 1872 (vide Appendix A)," in the 2nd line, substitute, "the Madras Army Regulations." [No. 14 of 1885.]

No. 15.

P.W.D. Code, Chap. V.

Para. 897. Omit, "See Appendix A," in the last line. [No. 15 of 1885.]

No. 16.

P.W.D. Code, Chap. V.

Add to para. 909:—

"See also para. 1230 A." [No. 16 of 1885.]

No. 17.

P.W.D. Code, Chap. V.

Para. 985, Note 2. For, "Other Public Works," in the 3rd line, read, "Provincial." [No. 17 of 1885.]

IRRIGATION BRANCH.

No. 14—General Abstract of Findings

Name of Project.	Estimate		Direct Charges.	ss.
	Cons.			
A.—Canal				
B.—Canal				
C.—Project				
D.—Ancient				
E.—River Works				
and so on.				

Notes.—Separate general abstracts should be prepared for Protective, Irrigation and Navigation Works, and Irrigation Works, and Navigation Works, and not classed as Protective, in which the last five columns should be omitted. [No. 23 of 1885.]

Nat

Month, &c.

Estimate No. 10 of
1879-80
Rate ...

Outturn of previous
year brought for-
ward
November 1879

Rate Total
December 1879

Rate Total
January 1880

Rate Total

Manufacture completed—Account closed.

S. DEAN,
Accountant.

A. BROWN, Lieut.,
Executive Engineer.

3

No. 18.

P.W.D. Code, Chap. VI.

Add to para. 1011:—

"See Appendix I, para. 12 et seq." (No. 18 of 1885.)

No. 19.

P.W.D. Code, Chap. X.

Para. 1316. Omit, "and Appendix A," in the 3rd line.
[No. 19 of 1885.]

No. 20.

P.W.D. Code, Chap. XI.

Cancel paras. 1592—94, and for para. 1591, substitute the following:—

1591. The expenditure on construction or repair of such salt works as may be made over to the Public Works Department for execution will be recorded in the estimates and accounts of the Public Works Department. All works carried out by the agency of the Salt Department will be provided for in the estimates of the Salt Department and charged accordingly. The transfer of works from the Salt to the Public Works Department or vice versa will carry with it the necessary transfer of grants from the estimates of the transferring Department. [No. 20 of 1885.]

No. 21.

P.W.D. Code, Appendix A.

Cancel Appendix A. [No. 21 of 1885.]

No. 22.

P.W.D. Code, Appendix I.

Para. 3, Rule 4. Expunge the words, "out of contingent allowances, if the officers making such purchases are granted such allowances," in the 3rd, 4th, and 5th lines. [No. 22 of 1885.]

No. 23.

P.W.D. Book of Forms.

Form No. M. 134—(Continued). Substitute the accompanying form for the form of 'General Abstract of Financial Results,' in page 601:—

IRRIGATION BRANCH.

No. 15—General Abstract of Financial Results.

Estimates
Constr.

Name of Project

Direct Charges

A.—Canal

B.—Canal

C.—Project

D.—Ancut

E.—River Works

and so on.

Notes.—Separate General Abstracts should be prepared for Protective, Irrigation and Navigation Works, and Irrigation and Navigation Works not classed as Protective, in which the last five columns should be omitted.
[No. 23 of 1885.]

Nan

Month, &c.

Estimate No. 10
1879-80
Rate ...

Outturn of previous
year brought for-
ward
November 1879

Total
Rate
December 1879

Total
Rate
January 1880

Total
Rate

Manufacture completed—Account closed.

S. DEAN,
Accountant.

A. BROWN, Lieut.,
Executive Engineer.

Out-turn to date with Sanctioned Estimate.

Number and description of sub-head as per estimate and register of works.	As per estimate.						A.
	Quantity	Rate.	Per	Esti- mated out- turn.	Actual quantity to date.	Rate	
11	12	13	14	15	16	17	
1. Bricks, full burnt, 11"X5"X2 1/2" ...	440,000	Rs. 5 0 0	1,000	Rs. 2,200	393,924	Rs. 5 0	
2. " half burnt, 11"X5"X2 1/2" ...	190,000	2 0 0	1,000	360	200,000	2 0	
3. Brick bats ... C. ft.	1,933	3 0 0	100	58	4,000	3 0	
4. Total of estimate and value of out-turn ...					2,613		
5. Deduct out-turn of previous year ...							
6. Out-turn of current year ...							
7. Balance at debit (or credit) of manufacture ...							

posted in regard to Part I from the Register of Manufacture.

Accountant.

Executive

IRRIGATION BRANCH.

No. 14—General Abstract of Final

Name of Project	Estimated Constr.	Direct Charges		A.
		Rs.	P.	
A.—Canal				
B.—Canal				
C.—Project				
D.—Ancut				
E.—River Work				
and so on				

Note.—Separate general abstracts should be prepared for Protective, Irrigation and Navigation Works, not classed as Productive, in which the last five columns should be omitted.
[No. 23 of 1885.]

Nar

[Out-turn].

executed.

Actual outturn.
Up to date. During the month.

18 19

Estimate No. 10
1879-80
Rate

P. Rs. A. P. Rs. A. P.
0 1,969 10 0 500 0 0

0 400 0 0 40 0 0

Outturn of previous
year brought forward
November 1879

0 120 0 0

Rate Total
December 1879

2,489 10 0 540 0 0

2,489 10 0 540 0 0

Rate Total
January 1880

-49 12 6

Engineer.

Rate Total

Manufacture completed—Account closed.

S. DEAN,
Accountant.

A. BROWN, Lieut.,
Executive Engineer.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

STANDING ORDERS.
1885.

No. 1.

P.W.D. Code, Chap. VIII.

Para. 1259. Expunge the words, "Civil or Military," in the 1st line of Rule I; and add after, "building", in the 4th line of the Rule:—

"In the case of military churches, fixtures only will be supplied by the Public Works Department, the Commissariat Department providing moveable articles."

In Rule III, expunge the words, "Civil or Military for the use of the European Soldiers," in the 2nd line. [No. 1 of 1885.]

No. 2.

P.W.D. Code, Chap. X.

Add to para. 1495:—
"For list of furniture, &c., authorized for regiments and departments, to be supplied by the Public Works Department, see Appendix J." [No. 2 of 1885.]

No. 3.

P.W.D. Code, Chap. XVI.

Para. 2298. For the word, "the same as Form No. M48," substitute, "Form No. M48A." [No. 3 of 1885.]

IRRIGATION BRANCH.

No. 1—General Abstract of Financial Details

Name of Project	Estimated Co. Construct	Direct Charges		Indirect Charges	
		Rs.	P.	Rs.	P.
A—Canal					
B—Canal					
C—Project					
D—Anicut					
E—River Works					
and so on.					

Note.—Separate general abstracts should be prepared for Protective, Irrigation and Navigation Works, and Irrigation Works not classed as Protective, in which the last five columns should be omitted. [No. 1 of 1885.]

Name	
Month, &c.	
Estimate No. 10 of 1879-80 Rate	
Outturn of previous year brought forward November 1879	
Rate December 1879	
Total	
Rate January 1880	
Total	
Rate	
Total	

Engineer.

Manufacture completed—

S. DEAN,
Accountant.

Chief Engineer.

PROVINCE.

PUBLIC WORKS DEPARTMENT.
ADMINISTRATIVE ACCOUNTS FOR THE YEAR 188-8.

No. 1.—General Abstract of Financial Results, showing the estimated Cost of Construction of Irrigation and Navigation Works, the Capital Outlay thereon, the Revenue derived therefrom, the Working Expenses, and the Interest on the Debt incurred in respect of those Works.

PRODUCTIVE PUBLIC WORKS.

PRODUCTIVE PUBLIC WORKS.																								
Name of Project.	Estimated Cost of Construction.						Capital Outlay.				Receipts during 188-8		Working Expenses during 188-8		Net result, excluding Interest (difference between Revenue and Working Expenses).				Simple Interest during 188-8		Net Result including Interest.			
	During 188-8		To end of 188-8		Total.		Total.	Collected with Land Revenue.	Total.	Direct Charges.	Indirect Charges.	Total.	Excess Revenue (Surplus).	Excess Expenditure (Deficit).	Of Excess Revenue.	Of Excess Expenditure.	Rate Per cent.	Excess Revenue (Surplus).	Excess Expenditure (Deficit).	Of Excess Revenue.	Of Excess Expenditure.	Rate Per Cent.		
	Direct Charges.	Indirect Charges.	Total.	Direct Charges.	Indirect Charges.	Total.																		
A.—Canal	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.	RS.		
B.—Canal																								
C.—Project																								
D.—Ancient																								
E.—River Works																								
and so on.																								

Note.—Separate general abstracts should be prepared for Protective, Irrigation and Navigation Works, and Irrigation and Navigation Works not classed as Productive, in which the last five columns should be omitted.
[No. 23 of 1885.]

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.
STANDING ORDERS.
1885.

No. 24.

P.W.D. Code, Chap. III.

Add as para. 535A:—

535A. Two periodic increments of Rs. 50 per mensem may be granted by Government to Civilian Sub-Engineers, 1st grade, and Accountants, 1st grade, of long and meritorious service under the following conditions:—

I. The first increment may be given to

(a) Sub-Engineers, 1st grade, who have been five years continuously in receipt of the maximum pay of their grade.

(b) Accountants, 1st grade, who have been five years in receipt of the maximum pay of their grade.

II. The second increment may be given to either of the above classes of officers after ten years' such service.

III. These increments are not to be given merely on account of long service, but only on special recommendations to the Government, in each case, on account of exceptionally good service. [No. 24 of 1885.]

No. 25.

P.W.D. Code, Chap. XVII.

Para. 2326. In clause III, for the words, "for new works or repairs, costing above Rs. 200 each," substitute, "for major works." [No. 25 of 1885.]

No. 26.

P.W.D. Code, Appendix F.

Part VI, para. 14. From the List of Civil Buildings, under "I—Imperial Services," exchange, "2—Customs buildings," and under "III—Provincial Services (Provincial)," insert in the proper place, "19B—Customs buildings." [No. 26 of 1885.]

No. 5.

P.W.D. Book of Forms.

Insert the accompanying forms:—

Public Works Department Form No. M38A—Register of Manufacture.

Public Works Department Form No. M43A—Work Voucher for Manufacture. [No. 6 of 1895.]

No. 27.

P.W.D. Code, Appendix I.

Para. I. For the sentence, "These rules apply to stores required for Imperial and Provincial Services and Incorporated Local Funds," substitute, "These rules apply to stores required for Imperial and Provincial Services, Incorporated Local Funds and Contributional Works." [No. 27 of 1895.]

GOVERNMENT OF MADRAS:
PUBLIC WORKS DEPARTMENT.
STANDING ORDERS,
1885.

No. 28.

P.W.D. Code, Chap. XIV.

Para. 2048. Omit the words, "under each sub-head of estimate," in the 4th line.

Para. 2049. Expunge the words, "But whatever the form," &c., to the end of the paragraph. [No. 28 of 1885.]

No. 29.

P.W.D. Code, Chap. XII.

Para. 2061. Expunge the words, "Thus, for works estimated to cost," &c., to the end of the paragraph. [No. 29 of 1885.]

No. 30.

P.W.D. Code, Chap. XV.

Para. 2102. Omit the words, "or in the case of large works, the number employed on each portion of the work. On the reverse," in the 2nd and 3rd lines.

Insert as para. 2102A:—

2102A. In the case of works estimated to cost over Rs. 10,000, the number of laborers employed each day, and the quantity of materials used on each portion of the work, will be distributed under the several sub-heads of the sanctioned estimate. Sub-heads costing Rs. 200 and under will be lumped together. In the case of works estimated to cost more than Rs. 2,500, and up to Rs. 10,000, the distribution of labor and materials by sub-heads will be made only when the Superintending or Executive Engineer may specially require such distribution; otherwise, and for works estimated to cost Rs. 2,500 and under, there will be no distribution of labor and materials by sub-heads. [No. 30 of 1885.]

No. 31.

P.W.D. Code, Chap. XV.

For para. 2111, substitute:—
2111. The accounts of expenditure on works estimated to cost Rs. 200 and under may be shown in Part III of Form No. M7; in the case of works estimated to cost more than Rs. 200 and up to Rs. 2,500, the work abstract, Form No. M6, will be used; in these cases no distribution of charges by sub-heads is required.

Add as para. 2111A.
2111A. In the case of works estimated to cost more than Rs. 2,500 and up to Rs. 10,000, expenditure will be recorded in gross or by sub-heads according to the arrangement ordered for the daily reports (see para. 2102A). But the quantities of work done must be shown in all cases without exception. For works estimated to cost over Rs. 10,000, the expenditure must be recorded by sub-heads in every case. [No. 31 of 1885.]

No. 32.

P.W.D. Code, Chap. XVI.

For para. 2250, substitute:—
2250. The Register of Works will be kept in the following detail:—

I. For works estimated to cost over Rs. 10,000, the actual expenditure, as recorded in the work abstract, will be posted under the respective sub-heads of the estimate, rates (where required, see para. 2250A) being struck monthly on each description of work done up to date. Items estimated to cost Rs. 200 and under, will show quantities only in detail, the cost being entered in gross in the manner shown in the illustrative entries in Form No. M38.

II. For works estimated to cost more than Rs. 2,500 and up to Rs. 10,000, where the initial accounts of the work have been ordered to be kept by sub-heads (see paras. 2102A and 2111A), the expenditure will be recorded as for works costing over Rs. 10,000. Where the initial accounts are not kept by sub-heads, the quantities of work done under each sub-head will be posted, and the cost arrived at by applying the estimated rates to these quantities. This is termed the normal cost. The total normal cost of all the sub-heads will be posted into a separate column for comparison with the gross actual cost. Fractions of rupees will be excluded in entering normal cost.

III. For works estimated to cost over Rs. 200 and up to Rs. 2,500, the register will show only
Total value of work done (column 12 of Form No. M38).
Deduct arrears due (column 13 of do. do.).
Total payments (column 14 of do. do.).

Para. 2251. For the words, "estimated to cost upwards of Rs. 2,500" in the 2nd line, substitute, "the accounts of which are kept by sub-heads," and cancel the last three lines of the paragraph. [No. 32 of 1885.]

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Rules -

Revised rules for grants for construction of Churches.

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Communicated to
the officers concerned
and to the Ecclesiastical
Department.

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

- To
- The Governments of Madras and Bombay, in the Public Works Department, General, Irrigation and Railway Branches.
 - The Governments of Bengal, North-Western Provinces and Oudh, and Punjab, in the Public Works Department, General and Irrigation Branches.
 - The Chief Commissioners of the Central Provinces, British Burmah, Mysore and Coorg, and Assam.
 - The Resident at Hyderabad.
 - The Agents to the Governor General for Central India and Rajpootana.
 - The Superintendent of Port Blair, and Chief Commissioner, Andaman and Nicobar Islands.
 - The Director General of Telegraphs.
 - The Inspector General of Military Works.
 - The Financial Department.
 - The Home Department.
 - The Military Department.

Circular No. 65 Public Works.

Dated SIMLA, November 6, 1877.

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PUBLIC WORKS.

To *Resident Engineer.*

Dated

Issued

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Encl.

G. O. 19 Nov 1877. No. 1725

Nos. 178-179

*Grants for construction of
Churches. The revised
presented by the suby India
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the officers concerned and
to the local depts.*

S.S.

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