(1) பக்கங்களின் எண்ணிக்கை 36

(2) புதுக்கித் திருப்பிய நாள் 6/9/89

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

(33)

தமிழ்நாடு அரசு

PWD துறை

அரசாணை எண். 1979
மு. கோப்புத் தாள் எண்.

அச்சகம்
பலவகை

நாள் : 23. 7. 1987 19 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

18 sheets

ஆவண, கா-1—18,006—15-6-87.

1979

20th August 1885, No. 1928 W., Public Works.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

Read—the following papers:—

G.O., dated 22nd June 1885, Mis. No. 3168, Revenue.

Read—again G.Os., dated 12th and 23rd February 1885, Mis. Nos. 754 and 914, Revenue.

Read—also Board's Proceedings, dated 4th June 1885, Mis. No. 5188.

Read—the following letter from W. S. FOSTER, Esq., Collector of Godávari, to the Secretary to the Board of Revenue, dated Cocanada, 23rd May 1885, No. 247.

In reply to Board's Proceedings, Mis. Nos. 1786 and 1901, dated 24th and 27th February last, respectively, I have the honor to inform you that the revision of the estimates for the construction of third-class cutcherries at Tuni and Pithápuram was necessary, because the original estimates were on the old standard plan and the revised estimates were ordered by the Chief Engineer in his memorandum, No. 1086 C., dated 3rd June 1884, copy of which is enclosed.

2. The present estimates conform strictly to the standard designs and estimates of quantities approved in G.O., Public Works Department, dated 7th March 1879, No. 786.

3. The site plans of the buildings are herewith sent.

Resolution—dated 4th June 1885, Mis. No. 5188.

Submitted for the information of Government with reference to G.Os., dated 12th and 23rd February 1885, Mis. Nos. 754 and 914, respectively.

(A true Copy and Extract.)

(Signed) E. GIBSON,
Secretary.

Order—dated 22nd June 1885, Mis. No. 3168, Revenue.

The revised plans and estimates for third-class taluk offices for sub-magistrates at Tuni and Pithápuram, Godávari district, resubmitted with the Board's Proceedings of the 4th instant, are approved and will be transferred to the Public Works Department for necessary orders.

(Signed) W. WILSON,
Ag. Secretary to Government.

From the Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Dowlaishweram, 24th July 1885, No. 158 G.L.

I have the honor to return the original documents received with your endorsement, No. 1143 C., dated 4th July 1885, and to state that, in my opinion, one latrine will be sufficient for each office under the circumstances.

Telegram from the Superintending Engineer, I Circle, Rajahmundry, to the Secretary to Government, Public Works Department, dated 6th August 1885.

Your telegram 3rd August. Jail latrine should be struck out of estimates.

ORDER—dated 20th August 1885, No. 1928 W., Public Works.

The undermentioned revised estimates are sanctioned, in supersession of the sanctions conveyed in G.O., No. 1314, dated 8th May 1875, and classified as Civil Buildings, Original Works :—

	RS.	
(1) Constructing a sub-magistrate's office at Tuni ...	9,436	Provincial No. 107 W. of 1885-86.
(2) Constructing a sub-magistrate's office at Pithápuram	8,983	Provincial No. 108 W. of 1885-86.

2. Funds have been provided for the two works in the Provincial budget for the current year.

(True Extract.)

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

To the Superintending Engineer, I Circle, with four enclosures.
„ Examiner, Public Works Accounts, with two duplicate general abstract estimates.
„ Revenue Department.

Exd. J. Henricus.
Spare Copies

1979

2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1885} Madras.

PUBLIC WORKS.

Dated August, 20th.

Recd. *Encl.*

G.O., 20th Aug. 1885, No. 1928 W.

AUGUST.

Sub-Magistrates' Offices at Tuni and Pithapuram, Godavari District

Revised estimates for —, sanctioned.

1979

30TH MARCH 1886, No. 858 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

From D. C. GORDON, Esq., Examiner, Public Works Accounts, to the Secretary to Government, Public Works Department, dated Madras, 25th February 1886, No. 125 W.

With reference to paragraph 5 of my office note No. 675, dated 25th November 1885, I have the honor to submit, for the approval of Government, a set of forms and instructions in view to giving effect to the requirements of the Government of India (*vide* letter No. 277 A.G., of 30th October 1885, printed with G.O., No. 2950 W., dated 9th December 1885).

2. The General Superintendent, Presidency Workshops, has tested the forms in their general character, and though I have somewhat modified them since they were so tested, the alterations will not cause any practical difficulties in their compilation. The annual administrative accounts of the shops will be prepared as heretofore, the introduction of the forms now proposed affecting only monthly procedure and accounts.

3. Provision has been made for charges on account of—

Additions and repairs to block,
Sanctioned permanent establishment,
Purchase and repairs of machinery and plant,

being debited to the Provincial budget grant under—

Original Works.
Repairs.
Establishment.
Tools and plant.

4. Charges, outturn, and balance on works done in the shops will be recorded in a special suspense account, termed the "Workshop manufacture suspense." In this account will be included "raw materials in hand," *i.e.*, for current use, the object being to obviate the inconvenience which the General Superintendent represents would be caused by obtaining all articles required for immediate use from the Stores division. The value of materials charged under this head is not to exceed Rs. 5,000 at any time.

5. A subsidiary account, termed "sales," is proposed, chargeable to the budget grant, for the purpose of recording deposits, which are compulsory prior to commencement of work in certain cases and for adjustments in advance of completion of work (see Code paragraphs 2283 A to 2283 E).

6. With reference to Code paragraph 2283 D, it is proposed that "jobs of a trifling character" may be considered to be works estimated to cost Rs. 2,500 and under for which monthly adjustment in anticipation of completion will not be considered necessary.

7. Work done for the Public Works Department will be billed for at the cost as brought into the workshop manufacture suspense account, that is, at the actual cost of labor and materials *plus* a percentage of the general and contingent charges of manufacture distributed at the discretion of the General Superintendent to the works in hand.

3

8. For works undertaken for other departments, for municipalities, and miscellaneous orders, an additional charge is necessary to cover general liabilities; this, it is proposed, should, for the present, be 25 per cent. above the charge to the Public Works Department, arrived at as follows for—

1. Interest on capital	5 per cent.
2. Depreciation	2 „
3. Establishment	10 „
4. Tools and plant	1 „
5. Additional percentage for profit	7 „
Total ...	25 „

It will be for the General Superintendent to propose, for consideration of Government, any modification in this percentage which a year's practical working may show to be requisite.

9. The proceeds of the percentages above proposed under items 3 and 4 will be taken directly in reduction of the charges to the budget grant for establishment and tools and plant, respectively; those under items 1, 2 and 5 will be credited to Provincial revenue.

10. Losses, if any, will be debited to Tools and Plant under a separate sub-head, "Loss," but in view to prevent undue exaggeration of credits to Revenue for profits, and charges to grant for loss, it is proposed to show at the end of each month only the net result, net credit for profit or net debit for loss.

11. A matter for consideration of Government is to what extent work should be done on estimates furnished by the shops and approved by customers. Ordinarily the amount of the estimate is that which is recoverable, and the shops take the risk of working within or beyond. I would suggest that, for purely departmental work, an estimate furnished to an Executive Engineer should be treated only as indicating the probable liability he will have to meet, but that the eventual charge be made as proposed in paragraph 7. To other departments, and for miscellaneous orders, the estimate amount must, I presume, be binding, unless otherwise stipulated by the General Superintendent when undertaking the work.

12. Under the new procedure now proposed, grants in regular course must be assigned for the charges mentioned in paragraph 3. For establishment and tools and plant the assignments would be subject to such reduction as might be anticipated under the working proposed in paragraph 9.

13. If Government approves these proposals, the procedure might be introduced in the workshops at the Presidency and at Dowlaishweram from 1st April 1886, details being settled direct with this office by the officers in charge.

From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepâk, 22nd March 1886, No. 5219.

I have the honor to return your endorsement No. 856 C., dated the 3rd instant, and to state that I consider the accounts may be modified generally as proposed by the Examiner.

2. With reference to paragraph 8 of the Examiner's letter, the General Superintendent of the Public Works Workshops considers that the additional charge of 25 per cent. for other departments, municipalities, &c., will tend to drive away work, and he wishes to have no such additional charges made. I am of opinion, however, that the Government Workshops are intended not to attract work generally, but to allow of its being done where the general market fails, or in consequence of its superiority. I recommend, therefore, that the 25 per cent. additional charge be established.

3. As to the Examiner's paragraph 11, the General Superintendent desires that his estimate should be binding, both for work done for Executive Engineers as well as for miscellaneous orders. The workshops would then be in the position of a contractor

who engages to carry out a work for a lump sum. This arrangement is a favorable one for the Public Works Department, and altogether I am of opinion that it may be tried; for, in the event of alterations being made in an indent on the workshops, a revised estimate would also be made so as to adjust the probable cost.

4. The Examiner proposes, in note 2 on form 7, that no work is to be undertaken for municipalities, &c., before the whole estimated cost has been paid. There would then be no debts outstanding; but Mr. O'Connell thinks credit should be given to municipalities, firms and persons of position; and proposes that the enforcing of payment in advance should be left to the discretion of the General Superintendent. Cases will happen at the presidency town where emergent work has to be done without estimate and without regard to cost; in these cases prepayment of a definite sum cannot be made. But as contributions from Local Fund Boards are credited to the Government before work is carried out by the Public Works Department, the same system will probably be followed with advantage when orders are sent from the districts to the workshops.

From H. O'CONNELL, Esq., General Superintendent, Public Works Workshops, to the Superintending Engineer, V Circle, dated Madras, 5th March 1886, No. 1867 W.

I have the honor to request that you will be good enough to obtain the sanction of Government for the grant of Rs. 1,50,000 for the operations of the Public Works Workshops for the year 1886-87.

2. As the workshop is now open to all departments of Government and the general public, I have increased the amount applied for last year by Rs. 50,000.

Endorsement on the above.

No. 5050.

Recommended to the Chief Engineer, Public Works Department, for sanction.

(Signed) H. L. PRENDERGAST, Colonel, R.E.,
11th March 1886. Superintending Engineer, V Circle.

Office note from the Examiner, Public Works Accounts, dated Madras, 17th March 1886, No. 942.

Your office note No. 1065 C., dated the 16th March 1886.

According to the proposals made in my letter No. 125 W., dated the 25th February 1886, the system hitherto adopted of sanctioning an annual lump sum estimate for the workshops will have to be discontinued, and, like an ordinary division, the workshops will have to be provided with budget grants from Provincial funds according to the requirements of the Executive Engineers under the following items of expenditure:—

1. Original Works, Civil Buildings—Additions to block.
2. Repairs, Civil Buildings—Repairs to block.
3. Establishment—Sanctioned permanent establishment.
4. Tools and Plant—Purchase and repairs of machinery and plant.

Order—dated 30th March 1886, No. 858 W., Public Works.

The introduction in the Presidency Public Works Workshops, from 1st April 1886, of the modified system of accounts proposed by the Examiner, Public Works Accounts, is sanctioned.

2. The grants required for the year 1886-87 under the heads mentioned in paragraph 3 of the Examiner's letter should be reported without delay.

3. The proposal to make an additional charge of 25 per cent. for works undertaken for other departments and for local bodies, &c., is approved. The Superintending Engineer will report, after the end of 1886-87, whether the charge may be reduced.

4. The arrangements suggested in paragraph 3 of the Superintending Engineer's letter, with respect to estimates for work, may be tried as suggested. The recovery of payment for work will be guided by the rules in paragraphs 2283, A to E, of the Public Works Code. In emergent cases work may be commenced in anticipation of payment at the discretion of the General Superintendent, but such cases should be rare.

5. The requisite orders for introducing the modified system of account in the Dowlaishweram Workshops will issue in the Irrigation Branch.

(True Extract.)

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

To the Chief Engineer for Irrigation.
" Superintending Engineer, V Circle.
" " " I "
" Examiner, Public Works Accounts.

Exd. J. Henricus.
Spare Copies

1979

1

GENERAL.
ACCOUNT.

Govt. of {1886} Madras.

PUBLIC WORKS.

Dated March, 30th.

Recd. *Encl.*

G.O., 30th Mar. 1886, No. 858 W.

MARCH.

Presidency Public Works Workshops

The introduction in the —, from 1st April 1886, of the modified system of accounts proposed by the Examiner, Public Works Accounts, sanctioned with remarks.

1979

12TH APRIL 1888, No. 1098 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from A. JOYCE, Esq., General Superintendent, Public Works Workshops, to the Deputy Chief Engineer, Public Works Department, dated Madras, 23rd February 1888, No. 2751 W.:—

With reference to your memorandum, No. 651 C., dated 14th February 1888, and in continuation of my letter, No. 2748 W., dated 22nd idem, I have the honor to enclose standard plan and revised estimate for iron record-racks for record-rooms.

ORDER—dated 12th April 1888, No. 1098 W., Public Works.

The standard plan for iron record-racks for record-rooms, as finally approved, will be lithographed, and the revised specification and estimates will be printed and circulated to officers and departments concerned, for information and guidance, in continuation of G.O., No. 2391 W., dated 5th September 1887.

(True Extract.)

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

To Superintending Engineers,
To the Chief Engineer for Irrigation,
" Consulting Engineer for Railways,
" Examiner, Public Works Accounts,
" Consulting Architect to Government,
" Judicial Department,
" Revenue " } with copies of plan and estimates.

Pub. Dept

Exd. J. Moses.
Spare Copies

1979

ANNEXURE.

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
	Wooden Ladder, measuring 10′ × 1½′.	RS. A. P.		RS.	RS.
¾ cub. ft.	of Tricanamalley wood	3 8 0	cub. ft.	3	
16 lb.	of iron	0 1 0	lb.	1	
...	Carpenter's labor	...	...	3	
...	Filers and Smiths, &c.	...	...	3	
...	Painting, Chuckler's labor including leather	...	...	1	
	Total ...	...	...	11	
	General charges at 10 per cent. ...	...	...	1	
	Total amount of Estimate ...	...	...	...	12
	Grand Total of Estimate ...	...	...	...	12

SEVEN WELLS,
23rd February 1888.

(Signed) A. JOYCE,
Genl. Supt., P.W. Workshops and Stores.

7

ESTIMATE FORM—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Record Racks, measuring 6′ × 2¼′ × 9¾′.					LB.	LB.
Wrought-iron work—						
Angle iron for standards ...	4	9′ 9″	0′ 2″	0′ ¼″	130	
Do. for crosses ...	32	3′ 0″	0′ 1¼″	0′ ¼″	192	
Do. for ties ...	8	6′ 0″	0′ 1¼″	0′ ¼″	96	
Do. for holding ...	6	0′ 4″	0′ 3″	0′ ⅜″	15	
T iron for centre of standards ...	2	9′ 9″	0′ 2″ × 1″ × ¼″		49	
Do. for crosses ...	16	3′ 0″	0′ 2″ × 1″ × ¼″		120	
Bolts, holding	6	1′ 6″	0′ 1″ Dr.		24	
Wall plates	3	6′ 6″	0′ 4″	0′ ⅜″	98	
Wastage	...	...	...	...	33	
Total lb. of wrought-iron work.	...	...	...	...	...	757
Sweedish iron for revets and bolts	...	...	...	...	...	50
Castings	...	...	...	...	...	220
Teak-wood work—						
Battens	150	6′ 0″	0′ 1½″	0′ 1½″	11′ 8″ 7‴	
Do. below	60	2′ 6″	0′ 1½″	0′ ½″	0′ 9″ 0‴	
Plank top	1	6′ 0″	2′ 6″	0′ ½″	0′ 7″ 6‴	
Total cub. ft. of teak-wood work.	...	...	...	...	...	13′ 1″ 1‴

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate. Rs. A. P.	Per	Amount. Rs.	Total. Rs.
	Record Racks, measuring 6′ × 2¼′ × 9¾′.				
757 lb.	of wrought-iron work	0 1 3	lb.	59	
50 „	of Sweedish iron	0 2 0	„	6	
220 „	of castings	0 0 10	„	11	
13 cub. ft.	of teak-wood work	2 0 0	cub. ft.	26	
...	Wood screws	...	...	3	
...	Painting	...	...	3	
...	Fuel	...	...	5	
...	Smith's labor	...	...	20	
...	Filers	...	...	8	
...	Machine men	...	...	6	
...	Carpenters	...	...	10	
...	Bricklayer's labor including materials	...	...	3	
	Total ...	...	...	160	
	General charges at 10 per cent. ...	...	...	16	
	Total amount of Estimate ..	...	...	...	176
	Grand Total of Estimate ...	...	...	...	176

SEVEN WELLS,
March 1888.

(Signed) A. JOYCE,
Genl. Supt., P.W. Workshops and Stores.

1979

ESTIMATE FORM—Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Record Racks, measuring 6′ × 1¼′ × 12′.					LB.	LB.
Wrought-iron work—						
Angle iron for standards...	4	12′ 0″	0′ 2″	0′ ¼″	161	
Do. for crosses ...	40	1′ 9″	0′ 1¼″	0′ ¼″	140	
Do. for ties ...	10	6′ 0″	0′ 1¼″	0′ ¼″	120	
Do. for holding ...	6	0′ 4″	0′ 3″	0′ ⅜″	15	
T iron for centre standards ...	2	12′ 0″	2″ × 1″ × ¼″		60	
Do. for crosses ...	20	1′ 9″	2″ × 1″ × ¼″		88	
Bolts, holding	6	1′ 6″	0′ 1″ Dr.		24	
Wall plates	3	6′ 6″	0′ 4″	0′ ⅜″	98	
Wastage	...	...	...	...	38	
Total lb. of wrought-iron work.	...	...	...	...	...	744
Sweedish iron for revets and bolts	...	...	...	...	...	60
Castings	...	...	...	...	...	220
Teak-wood work—						
Battens	95	6′ 0″	0′ 1½″	0′ 1½″	7′ 5″ 1‴	
Do. below	76	1′ 3″	0′ 1½″	0′ ½″	0′ 6″ 0‴	
Plank top	1	6′ 0″	1′ 3″	0′ ½″	0′ 3″ 9‴	
Total cub. ft. of teak-wood work.	...	...	...	...	...	8′ 2″ 10‴

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate. Rs. A. P.	Per	Amount. Rs.	Total. Rs.
	Record Racks, measuring 6′ × 1¼′ × 12′.				
744 lbs.	of wrought-iron work	0 1 3	lb.	58	
60 „	of Sweedish iron	0 2 0	„	7	
220 „	of castings	0 0 10	„	11	
8½ cub. ft.	of teak-wood work	2 0 0	cub. ft.	17	
...	Wood screws	...	...	3	
...	Painting	...	...	3	
...	Fuel	...	...	6	
...	Smith's labor	...	...	25	
...	Filers	...	...	9	
...	Machine men	...	...	6	
...	Carpenters	...	...	12	
...	Bricklayer's labor including materials	...	...	4	
	Total ...	...	...	161	
	General charges at 10 per cent. ...	...	...	16	
	Total amount of Estimate ...	...	...	...	177
	Grand Total of Estimate ...	...	...	...	177

SEVEN WELLS,
7th March 1888.

(Signed) A. JOYCE,
Genl. Supt., P.W. Workshops and Stores.

8

Iron Record Racks with Wooden Shelves (Public Works Workshop Specification).

The racks are built of T and L irons bolted together with $\frac{5}{16}$" bolts and nuts.

2. The four corner uprights are angle irons 2" × 2" × $\frac{1}{4}$" to which the horizontal L iron frame pieces are bolted. Each rack has a centre T iron stiffener 2" × 1" × $\frac{1}{4}$" front and back, to which the T iron cross frames are attached.

3. The shelves are frames of teak-wood battens; each frame is in two parts to enable it to be slipped into position easily. The top of each rack is closed with $\frac{1}{2}$" moveable planking.

4. Each rack is provided with 6 cast-iron shoes to take the ends of the uprights as shown in the drawing.

5. When the racks are placed against walls, they are secured by bolts passing through the walls as shown in the drawing.

6. Where there is no adjacent wall, the racks are kept upright by means of tie bars, one arrangement of which is shown in the drawings.

1929

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated April, 12th.

Read. *Encl.*

G.O., 12th Apr. 1888, No. 1098 W.

APRIL.

Iron Record Racks

Directing that the standard plan for — for record-rooms, as finally approved, be lithographed, and the revised specification and estimates be printed and circulated to officers and departments concerned.

1979

5TH SEPTEMBER 1887, No. 2391 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From H. T. ROSS, Esq., Registrar of the High Court of Judicature, to the Chief Secretary to Government, dated Madras, 9th July 1886, No. 1942.

In circular No. 2514, dated 10th September 1885, to all District Judges on the subject of Court records and record-rooms, the High Court concluded their instructions with the following paragraph :—

"Much space is now wasted in most record-rooms by the racks or bureaux being of an unsuitable character. Low bureaux are out of place in lofty rooms, and racks too broad for a double row of records involve a loss of space. The Registrar has been directed to procure designs and estimates for racks formed of painted iron bands, each shelf to measure about 6 feet in length, 2½ in breadth and 6 inches in height. On such a shelf two rows of records could be placed on their sides, and access could be easily had to one row from each side of the rack. The whole could be removed, dusted and replaced in a very few minutes, and any particular bundle found in a few seconds. There will be sufficient space above for the hand to move, and for air to circulate. The height of the racks, or, in other words, the number of shelves, will only be limited by the height of the record-room, for a light iron ladder could easily be provided with them. The High Court hopes to see racks of some such description furnished to all the District Courts before long, and, on learning which of the Courts are most in want of space and new racks, it will be prepared to ask Government for a special grant."

2. In his letter No. 38, dated 3rd February 1886, the District Judge of Godávari intimated that fifty-four iron racks and two ladders were required for the record-room in the new Court-house before the records could be transferred from the old building, if the serious inconvenience of having the records of the Court in a separate building was to be avoided.

3. Messrs. Massey and Company were accordingly requested to state at what price and within what time they could supply the racks required. Their answer is that they could complete and despatch, in from three to four months from date of order—

	Rs.
36 racks, 6 feet long × 2½ feet wide × 13 feet high, 12 shelves one foot apart, at Rs. 95	3,420
18 racks, 3 feet long × 2½ feet wide × 13 feet high, 12 shelves one foot apart, at Rs. 75	1,350
2 Wrought-iron ladders, 12 feet long, at Rs. 15	30
Total ...	4,800

4. I am directed by the Honorable the Judges to request that Government will be pleased to sanction a special grant wherewith the District Judge's indent can be met. Though costly in the original outlay, the iron racks now recommended to be purchased are, in the opinion of the High Court, so much more convenient and durable than the present wooden shelves, that they will be economical in the end. The High Court has not at its disposal the funds wherewith to supply the improved racks, and if a special grant be sanctioned for the purpose, further indents from other Courts where such racks are wanted will in due course be submitted.

10

Order—dated 14th August 1886, Mis. No. 2147, Judicial.

The Government approve the proposal of the Honorable the Judges of the High Court to provide iron record-racks for District Courts, but regret that, at the present time, they are unable to allot any funds for the purpose.

(True Extract.)

(Signed) E. F. WEBSTER,
Chief Secretary.

To the Registrar, High Court.

Read—the following Proceedings of the Madras Government, dated 15th January 1887, Mis. No. 74, Judicial :—

Note on Judicial current by the Honorable P. P. Hutchins, dated 14th December 1886.

Order—dated 15th January 1887, Mis. No. 74, Judicial.

The foregoing note of the Honorable Mr. Hutchins, with connected papers, will be referred to the Chief Engineer, Public Works Department, for remarks.

(True Extract.)

(Signed) H. A. STUART,
Under Secretary.

From A. JOYCE, Esq., General Superintendent, Public Works Workshops, to the Deputy Chief Engineer, Public Works Department, dated Madras, 10th August 1887, No. 1142 W.

I have the honor to forward herewith two models * of iron record racks, executed in wood complete, with the ladder proposed, for your approval. I also return some papers left with me at the time it was determined to make the models. Estimates will follow, if desired, very shortly. I would observe that, if these be approved of by Government and sanctioned once for all as standard plans, there will be much correspondence and trouble saved. They can be divided into single and double racks for purposes of classification; also they can be made of various sizes to suit various rooms and capacities for containing papers required. Government will then, when ordering them, have simply to state in the order, single or double, height and length.

* Packed in a wooden case.

With regard to construction of racks in order to secure better transfer of them when going to their destination and also when travelling from cutcherry to cutcherry as required, I would recommend that each layer, as it were, for containing papers be made complete in itself, fastened down by rivets, and the whole layer be then fastened on to the L iron standards by bolts. The L iron standards can themselves be fastened into cast-iron feet or slip directly into the masonry of the floor where this is pucka and convenient. As the model was executed in wood, these cast-iron feet could not be shown, but they can easily be imagined.

From A. JOYCE, Esq., General Superintendent, Public Works Workshops, to the Deputy Chief Engineer, Public Works Department, dated Madras, 13th August 1887, No. 1185 W.

In continuation of my letter, No. 1142 W., dated 10th August 1887, I have the honor to submit two estimates for iron record racks measuring 6′ × 2½′ × 10′ and 6′ × 1¼′ × 12′, amounting to Rs. 130 and 100 respectively.

1979

ENCLOSURES.

ESTIMATE FORM.—Detail Measurements.

No. 1.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or contents.	Total quantity of each description of work.
Iron Rack, measuring 6′ × 2½′ × 10′, of 16 shelves and of 7 hoop-iron bars in each shelf.		FEET.				
Iron, angle, for leg, 2″ × 2″ × ¼″.	4	10	...	...	135	
Do. T do. 2¼″ × 1½″ × ¼″.	2	10	...	...	67	
Do. angle, for ties, 1½″ × 1½″ × ¼″.	8	6	...	...	120	
Do. do. 1¼″ × 1¼″ × ¼″.	48	2½	...	...	250	
Wall plates, 3″ × ⅓″	6	3½	...	...	105	
Bolts plates, ¾″ diameter	6	3	...	...	27	
					704	
Allowance for wastage ...	5 per cent.	...	...	...	36	
Hoop iron, 1½″ × 1/16″	112	6	...	...	430	740
Allowance for wastage ...	5 per cent.	...	...	...	20	
						450
Swedish iron for bolts and rivets ...	...	...	...	...	...	50

No. 2.

Iron Rack, measuring 6′ × 1¼′ × 12′, of 20 shelves and of 4 hoop-iron bars in each shelf.						
Iron, angle, for legs, 2″ × 2″ × ¼″	4	12	...	...	160	
Do. T do. 2¼″ × 1½″ × ¼″	2	12	...	...	81	
Do. angle, for ties, 1½″ × 1½″ × ¼″	9	6	...	...	136	
Do. do. 1¼″ × 1¼″ × ¼″	60	1¼	...	...	150	
Wall plates, 3″ × ½″	8	2½	...	...	100	
Bolts plates, ¾″ diameter	8	3	...	...	36	
					663	
Allowance for wastage ...	5 per cent.	...	...	...	33	
Hoop iron, 1½″ × 1/16″	80	6	...	...	203	696
Allowance for wastage ...	5 per cent.	...	...	...	10	
						213

(Signed) A. JOYCE,
General Supt., P.W. Workshops.

ESTIMATE FORM.—Abstract.

Double Rack.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS. A. P.		RS. A. P.	RS.
740 lb.	Wrought iron	0 1 0	lb.	46 0 0	
450 „	Hoop iron	0 0 10	„	24 0 0	
50 „	Swedish iron	0 2 0	„	6 0 0	
40 „	Castings	0 1 0	„	2 8 0	
	Fuel	...	...	5 0 0	
	Smith's labor	...	...	20 0 0	

Estimate Form—Abstract—*cont.*

Double Rack—cont.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		RS. A. P.		RS. A. P.	RS.
	Driller's labor	...	...	3 0 0	
	Bricklayer's labor for boring holes in masonry wall, including plastering ...	...	...	3 0 0	
	Filer's labor	...	...	8 8 0	
				118 0 0	
	General charges, 10 per cent.	...	...	12 0 0	
					130
	Grand Total of Estimate ...	...	...		130

Single Rack.

		RS. A. P.		RS. A. P.	RS.
696 lb.	Wrought iron	0 1 0	lb.	44 0 0	
213 „	Hoop iron	0 0 10	„	11 0 0	
35 „	Swedish iron	0 2 0	„	4 0 0	
40 „	Castings	0 1 0	„	2 8 0	
	Fuel		...	3 0 0	
	Smith's labor	...	...	12 0 0	
	Driller's labor	...	...	3 0 0	
	Filer's labor	...	...	7 0 0	
	Bricklayer's labor for boring holes in masonry wall, including plastering ..	...	...	4 0 0	
				90 8 0	
	General charges, 10 per cent.	...	...	9 8 0	
					100
	Grand Total of Estimate ...	...	...	...	100

(Signed) A. JOYCE,
General Supt., P.W. Workshops.

ORDER—dated 5th September 1887, No. 2391 W., Public Works.

The models and estimates are approved, and steps will be taken for the preparation of standard plans and estimates for iron record racks for general adoption in future.

(True Extract.)

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

To the Judicial Department, with original G.O., No. 2147, dated 14th August 1886, returned.
" Superintending Engineer, V Circle, with three plans.
To other Superintending Engineers.

Exd. L. Passaigne.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated September, 5th.

Read.

Encl.

G.O., 5th Sept. 1887, No. 2391 W.

SEPTEMBER.

Iron racks for record-rooms

Models and estimates for —. Orders approving of —, and directing preparation of standard plans and estimates for general adoption.

1929

BOARD OF REVENUE (LAND REVENUE), 14TH MAY 1889, No 322.

PROCEEDINGS OF THE BOARD OF REVENUE
(LAND REVENUE).

THE HON. J. GROSE, M.A., C.S.

READ—again the following Proceedings of the Board of Revenue (Land Revenue), dated 28th September 1888, Mis. No. 5851 :—

Read—the following letter from J. E. PAUL, Esq., Executive Engineer in charge of I Circle, to the Collector of the Godávari District, dated Dowlaishweram, 2nd May 1888, No. 407-G.D. :—

With reference to your letter, No. 105, dated 22nd June 1887, to the address of the Executive Engineer, Godávari Eastern Division, I have the honor to forward herewith a plan and an estimate, Rs. 2,230, for additional buildings—" a treasury room, a ryots' shed, and a well," &c.—to the Sub-Magistrate's cutcherry at Pithápuram, and to request that you will be good enough to obtain the sanction of Government to the same.

Endorsement by W. A. HAPPELL, Esq., Collector of the Godávari District, dated Cocanada, 23rd July 1888, No. 312.

Submitted to Government through the Commissioners of Land Revenue.

2. The proposed additions to the Pithápuram Deputy Tahsildar's office building, the construction of which was sanctioned in G.O., dated 20th August 1885, No. 1928-W., are absolutely necessary. Pending the construction of a treasury room, the cash chest is being kept in one of the smaller sub-jail cells.

Read—the following letter from W. A. HAPPELL, Esq., Collector of the Godávari District, to the Secretary to the Commissioners of Land Revenue, dated Cocanada, 4th August 1888, No. 343 :—

In continuation of my endorsement, No. 312, dated 23rd July 1888, on Superintending Engineer's letter, No. 407-G.D., dated 2nd May 1888, I have the honor to forward a plan of the Pithápuram Deputy Tahsildar's office building as it stands at present.

Resolution—dated 28th September 1888, Mis. No. 5851.

Ryots' sheds are usually unnecessary : the Collector must make out a strong case before the Board can recommend one.

2. The treasury room is proposed to be placed as far away from the police guard as possible. The Collector will consider the advisability of turning the present record-room into a treasury and making the new room a record-room : the size of the two is the same.

(True Copies and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

To the Collector of the Godávari District, with enclosures returned.

13

READ—again the following Proceedings of the Board of Revenue (Land Revenue), dated 5th November 1888, Mis. No. 6527 :—

Read—the following letter from W. A. HAPPELL, Esq., Collector of the Godávari District, to the Secretary to the Commissioners of Land Revenue, dated Cocanada, 18th October 1888, No. 418 :—

In reply to the Board's Proceedings, dated 28th September 1888, Mis. No. 5851, I have the honor to state that the ryots' shed may be given up, but there are no trees in the compound under which parties waiting at the court can find shelter, and the verandahs are narrow.

2. There is no objection to making the old record-room the treasury room. In that case one of the cells of the sub-jail might be converted into a record-room and the proposed additions abandoned. The jail contains more accommodation than is ever likely to be required. If this suggestion is not approved, a new record-room should be built.

3. The arrangement of the doors and windows of the treasury and record-rooms would require some alteration.

4. The enclosures are returned.

Resolution—dated 5th November 1888, Mis. No. 6527.

The Board approve of the Collector's suggestion ; he is requested to have the estimate altered accordingly.

2. It is presumed that no material alteration in the cell will be necessary to fit it for use temporarily as a record-room.

(A true Copy and Extract.)

(Signed) H. A. SIM,
Acting Secretary.

To the Collector of the Godávari District,
with 3 enclosures returned.

READ—also the following letter from J. E. PAUL, Esq., Executive Engineer in charge of I Circle, to the Collector of the Godávari District, dated Dowlaishweram, 23rd March 1889, No. 3450-G.D. :—

With reference to your letter, No. 201, of 16th November 1888, I have the honor to forward herewith a fresh plan and an estimate of Rs. 780 for additional works and alterations proposed to the Sub-Magistrate's office at Pithápuram, and to request you will be good enough to forward the same with your countersignature for the sanction of Government and appropriation of funds.

ENCLOSURES Nos. 1 to 4—Plan, estimate, &c.

Endorsement by W. A. HAPPELL, Esq., Collector of the Godávari District, dated Cocanada, 8th April 1889, No. 148.

Submitted to the Commissioners of Land Revenue in reference to their Proceedings, Mis. No. 6527, dated 5th November 1888.

RESOLUTION—dated 14th May 1889, No. 322.

The revised plan and estimate for executing certain additional works and alterations to the present Sub-Magistrate's office at Pithápuram are submitted for the sanction of Government and for the provision of funds in the Public Works budget.

1979

2. The estimate, which amounts to Rs. 780, provides for converting the present record-room and one of the cells of the sub-jail into a treasury and record-room, respectively. It further provides for a well and a culvert at the entrance gate.

(True Copies and Extract.)

(Signed) M. HAMMICK,
Secretary.

To the Secretary to Government, Revenue Department,
with 4 enclosures in original, to be returned.
Copy to the Collector of the Godávari District.

Exd. W. J. Lewis.

REVENUE DEPARTMENT.

1889.

Board of Revenue

(Land Revenue),

MADRAS.

P.W.C. No. 6280

Endorsement No. 4037

Approved and transferred to the Public Works Department.

No. 3988

Ootacamund
1st July, 1889

Secretary to Govt.

Printed June 5th.

Rec'd 30 May.

Proceedings, 14th May 1889, No. 322.

Submitting, for the sanction of Government and for the provision of funds in the Public Works budget, revised plan and estimate for certain alterations to the *Sub-Magistrate's office at Pithápuram*, Godávári District.

To

The P. W. D. S.
with enel.
" Judl. Deptt.
" Commrs. of Rd. & R.

No. Ano. 1098 w a/ 12.4.88.
" " 2391 w a/ 5.9.87.
" " 371-72 w a/ 25.5.86.
" " 858 w a/ 30.3.86.
" " 1928 w a/ 20.8.85.

6 W 0

B

The question of workshop
sheds must be settled.
2 The case in point, this
work is to be done for another
Dept. through the agency
of the P.W.D. and it seems
to me that the 25 %
charged for such done for
other Depts of Govt should
not be charged in this
& similar cases.
Look up the G.O. dividing
the charge of 25 per cent.

10.7.89

to levy 25% and sanctioned in
G.O. No: 858 W a/ 30 March 1886
leable only to the Presidency
es in which the ruling is
ly followed. In the case of
the estimate for working the printing
presses at the Govt Press, Madras,
with steam power, 25 per cent

was charged by the Superv
Workshops as the work was ord
by an officer of a Department
other than the P. W. D. and wa
never intended by the Supt to
to be carried out by the P. W. D

In the case of the Dowlais
weram Workshops, the procedu
ordered was different from tha
followed in the Presidency Wo
shops. As the entire cost of the
establishment of the Dowlais
weram Workshops is charged to
Godavari Delta, 42. Irrigati
Major Works, Working Expen
it was ordered vide para 2 of G.O
371, Dd/25 May 1889 that the wo
turned out at the Workshops for
Godavari Delta should be charg
at cost price plus a small percent
to meet general and contingent char
and that for all other works a
additional charge
should be ma
under reference has therefore be
charged with 25 per cent as
in G. O. No: 371, Dd/25 May

The Estimate under
consideration can be
Sanctioned.
15.7.8

C/
15/7.

C No. 6280

No 6

The original Estimate
for constructing a Sub-
Magistrate's office at
Pithapuram in the Godavari
District was sanctioned
in G.O. No. 1314, dated 8th
May 1875, and a revised
Estimate for the same amount
=ing to Rs 8,983 was sanc
=tioned in G.O. 1928 Works dated
20th August 1885.

As the work was completed
and the accounts closed
in 1887, a separate sanction
should be accorded to the
Estimate of Rs 780 now
received from the Revenue
Deptt. The amount being
within the Supdg Engineer's
powers of sanction it is
proposed to return the Estimate
to him for sanction and
Execution from the Minor
Works grant of Rs 5,000
provided for the Godavari
Eastern Division.

16 Maj
17/7

Public Works Department.

1979

Current No. 6286

Letter No. 4037

Dated 1st July 1879

...e Burma Dept:-

1979 PUBLIC WORKS DEPARTMENT.

17

(4) Alterations to the
wood work in
attempt it for a treasury

The rates as per est
can be checked & are
fair.

(4) Chuttas 2a 0r 2½p Rs 10
(5) Carriage to site - Rs 12
(6) Contage at 25% - Rs 75

Petty supervision and
contingencies are
charged for at about
5% p mate -
The plans & Est have
been submitted
for this town
approval
Revenue.

1879

Do 1979 W

PW/

1979

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 23rd July 1889

READ the following

Proceedings of the Board of Revenue (Land Revenue) — No. 322 dated 14th May 1889

Endorsement in the Revenue Department — No. 4037 dated 1st July 1889

The estimate is returned to the Superintending Engineer I Circle for sanction and Execution from the minor works grant for the fasli Eastern Division.

WWB
17.7.89
Audt
19.7.89

D Vol I

To
The Supdg Engineer I Circle
with 5 Encls
& Revenue Department

Cir 18

Maj

(18)