

- (1) பக்கங்களின் எண்ணிக்கை 40
 (2) புதுக்கித் திருப்பிய நாள் 2490
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 100

தமிழ்நாடு ஆவணக் காப்பகம்.

(42)

தமிழ்நாடு அரசு

சீ. ம. உ. துறை

அரசாணை எண்.	<u>2636</u>	அச்சகம்
மு. கோப்புத் தாள் எண்.		பலவகை
நாள் :	<u>21 — 9 — 1889</u>	

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

20.8.1889

ஆவண. கா-1-18,006-15-6-87.

20.8.1889

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Military Works.

READ—the following paper :—

From Brigadier-General M. PROTHEROE, C.B., C.S.I., Quartermaster-General,
to the Secretary to Government, Military Department, dated Ootacamund,
5th September 1889, No. 2716-A.

With reference to O.G., No. 3842,* dated 9th June 1888, I am desired to forward,
for sanction and transfer to the Public
* Public Works Department No. 1515 W., dated 22nd May 1888. Works Department for disposal, the estimate, plan, &c., below mentioned, which
have been approved by the Commander-in-Chief. The plan and estimate have been
countersigned :—

Plan and estimate, amounting to Rs. 7,790, for supplying the office of the
Examiner of Commissariat Accounts, Fort St. George, with iron record
racks.

No. 6158, Military.

Approved and transferred to the Public Works Department for disposal, with
reference to O.G., No. 1515 W., dated 22nd May 1888.

OOTACAMUND, (Signed) A. KENNEY-HERBERT, Brigdr.-Genl.,
7th September 1889. Secretary to Government.

ORDER—dated 21st September 1889, No. 2636 W., Public Works.

The estimate, amounting to Rs. 7,790, for providing iron record racks for the
office of the Examiner of Commissariat Accounts, Fort St. George, is sanctioned for
execution when funds are available.

2. This sanction has been registered as Imperial No. 14 W. of 1889-90, and
classified as Military, Original Works.

(True Extract.)

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

To the Superintending Engineer, V Circle, with five enclosures.
„ Examiner, Public Works Accounts, with duplicate
„ Military Department. abstract estimate.

Exd. P. L. Pereira.
Spare Copies

15

1

Govt. of {1889} Madras.

PUBLIC WORKS.

Dated September, 21st.

Recd.

Encl.

G.O., 21st Sept. 1889, No. 2636 W.

SEPTEMBER.

Record Racks

Estimate for providing — for the office
of the Examiner of Commissariat Accounts,
Fort St. George, sanctioned.

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

2636

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 Godáviri
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.

1 (2)

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.

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 pukka 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' x 2½' x 10' and 6' x 1½' x 12', amounting to Rs. 130 and 100 respectively.

ENCLOSURES.

ESTIMATE FORM.—Detail Measurements.

No. 1.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Iron Rack, measuring 6' x 2½' x 10', of 16 shelves and of 7 hoop-iron bars in each shelf.</i>		FEET.				
Iron, angle, for leg, 2" x 2" x ¼".	4	10	...	...	135	740
Do. T do. 2½" x 1½" x ¼".	2	10	...	...	67	
Do. angle, for ties, 1½" x 1½" x ¼".	8	6	...	...	120	
Do. do. 1½" x 1½" x ¼".	48	2½	...	...	250	
Wall plates, 3" x ½" ...	6	3½	...	...	105	
Bolts plates, ¾" diameter ...	6	3	...	...	27	
					704	
Allowance for wastage ...	5 per cent.	...	...	...	36	
Hoop iron, 1½" x ¼" ...	112	6	...	...	430	
Allowance for wastage ...	5 per cent.	...	...	...	20	
Swedish iron for bolts and rivets ...	...	...	...	...	...	50

No. 2.

Iron Rack, measuring 6' x 1½' x 12', of 20 shelves and of 4 hoop-iron bars in each shelf.						
Iron, angle, for legs, 2" x 2" x ¼"	4	12	...	...	160	
Do. T do. 2½" x 1½" x ¼"	2	12	...	...	81	
Do. angle, for ties, 1½" x 1½" x ¼"	9	6	...	...	136	
Do. do. 1½" x 1½" x ¼"	60	1½	...	...	150	
Wall plates, 3" x ½"	8	2½	...	...	100	
Bolts plates, ¾" diameter	8	3	...	...	36	
					663	
Allowance for wastage	5 per cent.	...	...	...	33	695
Hoop iron, 1½" x ¼"	80	6	...	...	203	
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	

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4 5TH SEPTEMBER 1887, No. 2391 W., PUBLIC WORKS.

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.

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

Captain, R.E.,
Under Secy. 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

3

4

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1887) Madras.
PUBLIC WORKS.

Dated September, 5th.

Recd.

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.

2636
19TH DECEMBER 1887, No. 3469 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

G.O., dated 14th December 1887, No. 2849, Judicial.

Read again—

G.Os., dated 14th August 1886, No. 2147, and 15th January 1887, No. 74.

Read—also the following papers:—

From the Registrar, High Court, dated 29th March 1887, No. 884.

Memorandum, dated 11th August 1887, No. 2760 C., Public Works.

G.O., dated 5th September 1887, No. 2391 W., Public Works.

Order—dated 14th December 1887, No. 2849, Judicial.

The new iron record racks, having been specially designed for records folded lengthwise, will not be suitable for old records. One or two racks will be supplied at once to the courts of such District Judges as desire to try them, on particulars being furnished as to the exact height of room and the nature of the roof and as to whether the racks should be single or double.

(True Extract.)

(Signed) A. G. CARDEW,
Acting Under Secretary.

Note by the Chief Engineer, Public Works Department.

Record Racks.—The weak point in the iron racks, if made according to the models lately furnished by the Public Works Workshops, will be the hoop-iron partitions forming the shelves; these will certainly sag, and it is a question whether it would not be better to use wooden battens in place of hoop-iron. If made of teak, they will not be liable to be destroyed by white-ants, and they will, like the hoop-iron, allow air to pass through the shelves, which is of importance if records are to be kept for any length of time without being moved.

2. In order to compare the internal capacity, space occupied, and cost of different classes of racks, the workshops have made a tracing of wooden racks of about the same shelf capacity as the iron racks, and the three classes may be lettered thus:—

- A. Iron racks according to the models, with hoop-iron partitions for shelves.
- B. Wooden racks according to the tracing attached.
- C. Iron racks according to the models, but with wooden battens to form the shelves in place of hoop-iron.

Class C is, in my opinion, the best.

14 (5)

3. Comparison of shelf capacity, cost, &c., of classes A, B, C.—

							Double Racks. C. FT.	Single Racks. C. FT.
Cubic space occupied by A	...	...	...	...	...	...	150	90
Do. do. by B	...	...	...	...	...	...	161½	100
Do. do. by C	...	...	...	...	...	...	157½	98½
Shelf capacity of A	...	...	...	...	...	...	120	75
Do. of B	...	...	...	...	...	...	112½	71½
Do. of C	...	...	...	...	...	...	112½	71½
Cost of A	...	...	...	...	...	...	Rs. 130	Rs. 100
Do. of B	...	...	...	...	...	...	Rs. 121	Rs. 109
Do. of C	...	...	...	...	...	...	Rs. 130	Rs. 112

4. From these figures it will be seen that there is not very much advantage in using iron in place of wood for record racks.

5. By using wooden battens the shelf capacity of the iron racks is reduced; but it must be remembered that the shelf capacity of the racks is calculated on the assumption that the partitions will not sag, which they are sure to do with hoop-iron.

6. I think the cost of the single rack entered as Rs. 112 may be wrong, as the substitution of wooden battens for hoop-iron has caused no increase of cost in the case of the double racks, and it is not clear why it should add Rs. 12 to the price of the single racks. Class C would, I think, be found the most suitable, and I would recommend a practical trial of them on the first opportunity.

7. A tracing of a ladder is furnished, which will be light and strong, and is very similar to the class of ladder used in workshops for oiling, ~~shutting~~ shifting belts, &c.; the hooks might be made with blunter points and be covered with leather.

19th October 1887.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 19th December 1887, No. 3469 W., Public Works.

Communicated, with copy of note by the Chief Engineer, Public Works Department, dated 19th October 1887, to the General Superintendent, Public Works Workshops, for information and guidance.

(True Extract.)

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

To the General Superintendent, Public Works Workshops,
through the Superintending Engineer, V Circle, with plan.

Exd. J. Moses.
Spare Copies

2636

5

6

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of Madras.
PUBLIC WORKS.

Dated December, 19th.

Recd.

Encl.

G.O., 19th Dec. 1887, No. 3469 W.

DECEMBER.

Iron Record Racks

Proceedings in the Judicial Department on the subject of the new —, communicated, with copy of note by the Chief Engineer, Public Works Department, to the General Superintendent, Public Works Workshops, for information and guidance.

2636
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.,
Secretary to 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.

— *William D. P.*

Exd. J. Moses.
Spare Copies

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ANNEXURE.

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
	<i>Wooden Ladder, measuring 10' x 1½'.</i>	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.

ESTIMATE FORM—Detail Measurements.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Record Racks, measuring 6' x 2½' x 9½'.</i>					LB.	LB.
Wrought-iron work—						
Angle iron for standards ...	4	9' 9"	0' 2"	0' 1"	130	
Do. for crosses ...	32	3' 0"	0' 1½"	0' 1"	192	
Do. for ties ...	8	6' 0"	0' 1½"	0' 1"	96	
Do. for holding ...	6	0' 4"	0' 3"	0' 1"	15	
T iron for centre of standards ...	2	9' 9"	0' 2" x 1" x 1"		49	
Do. for crosses ...	16	3' 0"	0' 2" x 1" x 1"		120	
Bolts, holding ...	6	1' 6"	0' 1" Dr.		24	
Wall plates ...	3	6' 6"	0' 4"	0' 1"	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' 1½"	0' 9" 0"	
Plank top ...	1	6' 0"	2' 6"	0' 1"	0' 7" 6"	
Total cub. ft. of teak-wood work.	...	...	...	...	...	13' 1" 1"

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
	<i>Record Racks, measuring 6' x 2½' x 9½'.</i>	RS. A. P.		RS.	RS.
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.

ESTIMATE FORM—Detail Measurements.

Detail of Work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
<i>Record Racks, measuring 6' x 1½' x 12'.</i>					LB.	LB.
Wrought-iron work—						
Angle iron for standards ...	4	12' 0"	0' 2"	0' 1"	161	
Do. for crosses ...	40	1' 9"	0' 1½"	0' 1"	140	
Do. for ties ...	10	6' 0"	0' 1½"	0' 1"	120	
Do. for holding ...	6	0' 4"	0' 3"	0' 1"	15	
T iron for centre of standards ...	2	12' 0"	2" x 1" x 1"		60	
Do. for crosses ...	20	1' 9"	2" x 1" x 1"		88	
Bolts, holding ...	6	1' 6"	0' 1" Dr.		24	
Wall plates ...	3	6' 6"	0' 4"	0' 1"	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' 1½"	0' 6" 0"	
Plank top ...	1	6' 0"	1' 3"	0' 1"	0' 3" 9"	
Total cub. ft. of teak-wood work.	...	...	...	...	...	8' 2" 10"

ESTIMATE FORM—Abstract.

Quantity.	Description of work.	Rate.	Per	Amount.	Total.
	<i>Record Racks, measuring 6' x 1½' x 12'.</i>	RS. A. P.		RS.	RS.
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
9

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

The racks are built of T and L irons bolted together with $\frac{1}{4}$ " bolts and nuts.

2. The four corner uprights are angle irons $2" \times 2" \times \frac{1}{4}"$ to which the horizontal L iron frame pieces are bolted. Each rack has a centre T iron stiffener $2" \times 1" \times \frac{1}{4}"$ 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 $\frac{1}{4}"$ 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.

2636

9

(10)

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1888) Madras.

PUBLIC WORKS.

Dated April, 12th.

Recd.

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.

Public Works Department.

1888

Current No.

3524

Letter No.

2416

Dated

11th April 1888

From the

Secy. to Govt. P.W.D. Madras.

Return to S.E. and request
that if possible two more
racks be provided.

NOTE OF REMARKS.

The estimate under
Rs 1860 provided

for constructing record
shelves in the office
of the Examiner
of Commissariat
Accounts in Fort
St. George.

It may be
well to have
two more
racks made
according to
the type design?

The rates are 10

per - 20/4/88

The first is for specimens of specimens on brackets, so it is not
certain, whether two more racks
are required.

Rediff. Plan. Draft plan

1888

P. W. DEPARTMENT

Current No. 3527

From

The Military Dept

ENCLOS.—

No. 2416

Dated 11 April 1888

Received 16 - do —

SUBJECT.

Approving & transg: letter from
the Dr. Mr. Genl subing: for
sanction estimate andg. to
Rs 1860 for providing new
record shelves for the office
of the Exr. of Commissariat
accounts in Fort. St.
George.

DISPOSAL.

No. 1655 Dated 21 April 1888

Referred to the Supts:
Engineer & circle, for report
in communication with the
Examiner Commissariat
Accounts, whether iron
record racks in
accordance with the
Regl. plan

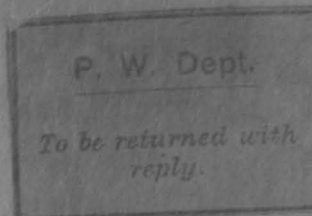
plan recently approved,
can be substituted
for the proposed
wooden shelves.

(B.O.)

(sd) W. L. C. B.

D.W.

2636



2636

Reg. No. 1655 C
23-4-88

No. 1655 C d/21 April 1888

Referred to the Super-
Engineer I Circle, for
report in communication
with the Examiner Com-
missioners Accounts,
whether iron record
racks in accordance
with the plan recently
approved, can be
substituted for the
proposed wooden shelves.

(By order)

W. C. Baildon

Capo R. B.

Under Secy to Govt. of India

497

12

(13)

MILITARY (1885.) DEPARTMENT.

No. 2



Ootacamund
11th April 88.

No. 2416. Approved
and transferred to the
Public Works Department
for disposal.

By order.

Attest: Herbert King
Secy to Govt. M. D.

From
THE QUARTER MASTER GENERAL,
OOTACAMUND,
To
THE SECRETARY TO GOVERNMENT,
MILITARY DEPARTMENT.

Dated 9th }
Received 10 } April

No. 1535-A

Enclosures 4

Forwards for sanction and transfer to the
Public Works Department for disposal, plan
and estimate for providing new
record shelves for office of
Exr. Comst. accty.

O.L.S. 61-12-6-88.

12-11-88

SUPERINTENDING ENGINEER'S OFFICE,

V CIRCLE, MADRAS,

Bangalore 6th May 1888.

No. 497

From
Colonel H. M. Vibart. R.E.
SUPERINTENDING ENGINEER,

V CIRCLE,

To
THE Chief Engineer
Public Works Department.

SIR,

Enclosures 5

In returning your endorsement No
1655 C dated 21st April 1888 I have the honor
to state that the Examiners Commissariat
accounts is in favor of iron record racks in
accordance with the patterns recently approved
by Government as per G.O. No 2391 W and No
3649 W dated 5th September & 19th December
1887 being substituted for the proposed
wooden shelves.

I have the honor to be

Sir 13

Your Most Obedt. Servant

Attest: Robert
Col R.E.

Supy. Engineer V circle



no. 239/4 of 5.9.87
 - 3469W of 19-12-87.
 - 1655 C of 21-4-88.
 - 1098 W of 12-4-88.

From
 THE SUPERINTENDING ENGINEER,
 V CIRCLE,

To
 THE Chief Engineer
 P.W.D.

Dated 6th } May 1888.
 Recd. 9 }

ENCLOSURES. 5

No. 1575 W of 22-5-88

No. 497

Iron Record Racks.
 States the Examiner of
 Commisg Accounts is in favor
 of - instead of Wooden ones -

16/5
 1097

P.W.C. No. 4310

13/5

No. 1575 W

PUBLIC WORKS DEPARTMENT.

2636

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the 26th May 1888

Read the following

From the Qr. Mr. General. H. No. 1535 A of 9 April 1888
 Endorsement in the Chy. Deptt. No. 2416 of 11 April 1888
 From the Suptg. Eng. & Circle No. 497 of 10 May 1888.

The Suptg. Engineer
 & Circle will submit through
 the usual channel, an
 estimate for supplying the
 office of the Examiner Com-
 missariat Accounts with
 iron record racks, in
 accordance with the plan
 sanctioned in G.O. No.
 1098W of 12 April 1888.

PAH
 15 May

Wm
 15.5.88

18.5.88

17/5/88

14

(15)

To the Suptg. Eng. & Circle
 with 4 inclos.
 " Chy. Deptt.

23/5

Ca

H.C.

HEADING *Special & Miscellaneous*

QUARTER MASTER GENERAL

Ootacamund, *5th Septem*

No. *2716 A*

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

From

BRIGADIER GENERAL M. PROTHEROE, C.B., C.S.I.,

QUARTER MASTER GENERAL,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

SIR,

*With reference to O.C. No. 384*2 dated 9th June*

*FWD No. 1515 W
dated 22nd May
1888.*

1888, I am desired to forward for sanction and transfer to the Public Works Department for disposal, the estimate, plan, &c., below-mentioned which have been approved by the Commander-in-Chief. The plan and estimate have been countersigned.

*Plan and Estimate amounting to Rs. 7790
for supplying the office of the Examiner of
Commissariat Accounts Fort Saint George
with iron record racks.*

*I have the honor to be
Sir 16*

Your obedient servant

M. Protheroe *(16)* *Brig. Genl.*

Quarter Master General

No. 1469

2P

E. 8

(1/1/1890)

13.9.89

From

THE QUARTER MASTER GENERAL,

OOTACAMUND,

To

THE SECRETARY TO GOVERNMENT,

MILITARY DEPARTMENT.

Dated 5th } September 1889
Received 6 }

No. 1515W/22-5-88
" 1078W. 12-4-88
" 2391W. 5-9-87
" 3469W. 19-12-87

No. 2716A

Enclosures

Forwards for sanction and transfer to the Public Works Department for disposal, plan and estimate amounting to Rs. 7790 for supplying the office of Examiner of Branch Accts. For South Gorge with iron record racks

Oct. 17/89

Approved
and transferred to the
Public Works Department
for disposal, with reference
to O.G. No. 1515. W. dated
22nd May 1889.

A. Kennedy *Secretary*
Secy. to Government.

Ootacamund } Tuesday
7th Sept. 1889 } 9th

13/9/89

(18)

H. 19-

2636

Public Works Dep.

Current No. 8570

Letter No. 6158

Dated 7th September 1889

From the Military Dept.

NOTE OF REMARKS.

With reference to G.O.
No. 1515 or 22nd May 1888,
the plan & estimate amount
ing to Rs. 7790 for supplying
iron record racks (design
circulated with G.O. No. 1098 or
7/12-4-88) for the Office
of Examiner of Con-
sariat accounts Fort
St. George.

2636
18

(17)

hij

23.
209 pds = 418
= 14
#522

For First Floor.

29 x 1 1/2 x 6 = 428
9 x 1 1/2 x 6 = 144
- 8 1/2 x 1 1/2 x 6 = 144
6 - 6 1/2 x 1 1/2 x 6 @ 114 1/2 each = 684
14 - 6 x 1 1/2 x 6 @ 107 - do = 428
2 - 5 1/2 x 1 1/2 x 6 @ 100 - do = 200
15 Racks #2023

Total Rs 7,246

Petty Superintendence @ 2 1/2% 182
Contingencies @ 5% = 363

Grand Total Rs 7,799

The rates are fair, but having
visions are made in the
to such as wood screws,
Fuel, Smith's labor,
cannot be checked.

H. M. 19-

No. 2636 of

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the Quarter Master
General - No. 2716 A dated 5th September 1887.
Endorsement thereon in
the Military Department - No. 6158 d/7th September 1887.

3 p

The estimate
amounting to Rs 7,799, for
providing iron record racks
for the Office of the Examiner
of Commissioned Accounts,
Fort St. George,
Madras. Sanctioned for
Execution when funds are
available.

del
colly.

2. This sanction has
been registered as Imperial
No 14 W of 1887-90 and
classified as Military,
Original Works.

per
5/10

19.9.89

19.9.89

To
The Supt Engineer V Circle
with 5 enclosures.

Examined W accounts,
with dup abstracts & items
Military Department.

CM

19

hij

2636

20

20

8570.

Govt. of Madras

PUBLIC WORKS.

25/9/59

Date

From

To

G.O. 21 Sept 1959 2636W.

Record Books.

Estimate for providing
for the office of the
Superintendent of
Accounts Fort St George
Cantonment.

100/5

(20)

for 24/9/59

25/9/59