

- (1) பக்கங்களின் எண்ணிக்கை 28
 (2) புதுக்கித் திருப்பிய நாள் 4/89
 (3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம் 10-9

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

P.W துறை

அரசாணை எண். மு. கோப்புத் தாள் எண்.	<u>651 W</u>	அச்சகம் பலவகை
நாள் :	<u>28-2-1890</u>	<u>198</u>

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

28

11TH MAY 1885, No. 1108 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Inspector-General of Registration, Madras, dated Commamur Canal, 17th January 1885, No. 2433 K.S.

I have the honor, with reference to G.O., No. 1383, Judicial, of the 6th June 1884, to forward, herewith, for your countersignature and transmission to the Chief Engineer, Public Works Department, an estimate, amounting to Rs. 5,462, for the construction of a registrar's office at Masulipatam.

- 1 Plan.
- 1 Abstract estimate.
- 1 Duplicate do.
- 1 Report.

2. The details of the estimate are explained in the report attached thereto.

Endorsement on the above.

T. No. 75.

The estimate is countersigned and transmitted to the Chief Engineer, Public Works Department.

2. The estimate does not appear to provide for weather boards over the office windows on the sides, and it is not clear whether the door between the record and office rooms is to be a batten door with imitation venetians.

3. In the letter to the Chief Secretary to Government, T. No. 1676, dated 16th May 1884, it was requested (paragraph 8) that there may be "a basement of sufficient height to guard against the rooms being flooded during any extraordinary inundation of the country."

4. The report on estimates shows that the basement is to be only "3 feet above ground."

ICHÁPUR,
2nd February 1885.

(Signed) G. HAMNETT,
Insp.-Genl. of Registration.

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Chief Engineer, Public Works Department, dated Masulipatam, 12th March 1885, No. 2823 K.S.

With reference to your No. 360 C., dated 21st February 1885, I have the honor to return, herewith, the estimate (Rs. 5,510) for constructing a district registrar's office at Masulipatam, weather boards to office room windows having been added.

No. 310 C., of 21st February 1885, with its five enclosures.

2. As regards the door between the office and record-room, I do not know what the Inspector-General means by a batten door with "imitation venetians." The draft estimate accompanying the standard design allows "two venetian and panel doors," viz., one for the entrance door and one for the record-room. This means, I conclude, two-thirds venetians and one-third panel. My estimate was based on this assumption. If desired the record-room door can, of course, be made panelled throughout; this is less clumsy than a battened door.

3. As regards the height of the basement, 3 feet is the height of the basement of the Collector's cutcherry and of the best of the houses and merchants' godowns at Masulipatam.

4. If it is desired to make the basement higher than the storm wave of 1864, it would probably be necessary to make it at least 3 feet higher. The 3 feet basement as allowed by me is sufficiently high to make the building dry during all land floods.

5. I beg to suggest whether it would not be better to locate the district registrar's office at Bezvada, if the risks to which it is subject at Masulipatam are considered too serious.

No. 621 C.

Referred to the Inspector-General of Registration, with advertence to paragraph 5 of the Superintending Engineer's letter.

(By Order.)

CHEPÂK,
24th March 1885.

(Signed) C. BOWEN, Major, R.E.,
Deputy Chief Engineer, P.W.D.

From G. HAMNETT, Esq., Inspector-General of Registration, to the Chief Engineer, Public Works Department, dated Madras, 25th March 1885, G. No. 1722.

In returning endorsement, No. 621 C., dated the 24th instant, I have the honor to state that, if the registrar's office were removed to Bezvada, it would be necessary to have a sub-registrar's office at Masulipatam, the records of which would be exposed to the same risk as those of the registrar's office. It seems to me that it would be better to spend a little more money now in raising the basement than run the risk of having valuable records of title destroyed by floods hereafter.

2. A case has just occurred in South Arcot. During the recent floods the water got into the newly-built sub-registry office at Panruti and damaged several volumes which were kept in the lower shelves of an almirah. The writing in one of the volumes has already faded so much that it has become necessary to have the entire volume, consisting of 500 pages of royal medium, recopied. The other volumes are being carefully watched, and the registering officer has been instructed to have them also recopied should he find it necessary to do so.

No. 710 C.

Retransmitted to the Superintending Engineer, II Circle, who will revise the estimate so as to provide a basement which will be above any "extraordinary inundation of the country" as demanded by the Inspector-General of Registration.

(By Order.)

CHEPÂK,
1st April 1885.

(Signed) C. BOWEN, Major, R.E.,
Under Secy. to Govt., P.W.D.

From J. W. RUNDALL, Esq., Superintending Engineer, II Circle, to the Inspector-General of Registration, Madras, dated Bezvada, 18th April 1885, No. 112 K.S.

I forward, herewith, a revised estimate, amounting to Rs. 6,540, for the proposed district registrar's office at Masulipatam, the basement having been made 6 feet high, to be above any extraordinary inundation of the country.

1 Abstract estimate in duplicate.

1 Site plan.

1 Report.

1 Superintending Engineer's letter,
No. 2433 K.S.

1 Do., 2323 K.S.

1 E. W., No. 710 C.

2. If this is approved please countersign and send the estimate to the Chief Engineer, Public Works Department, returning, at the same time, the original

papers received from his office and herewith transmitted.

T. No. 402.

Transmitted to the Chief Engineer, Public Works Department.

OOTACAMUND,
27th April 1885.

(Signed) G. HAMNETT,
Insp.-Genl. of Registration.

ORDER—dated 11th May 1885, No. 1108 W., Public Works.

The estimate, amounting to Rs. 6,540, for constructing a registrar's office at Masulipatam, is sanctioned.

2. A sum of Rs. 3,338 has been provided for the work in the Provincial budget for 1885-86; but no expenditure on it is at present admissible under orders from the Government of India restricting outlay.

3. This sanction has been registered as Provincial No. 31 W. of 1885-86, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, II Circle, with three enclosures.
" Examiner, Public Works Accounts, with duplicate abstract estimate.
" Judicial Department.

Exd. A. Grubert.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1885) Madras.

PUBLIC WORKS.

dated May, 11th.

sed.

Encl

G.O., 11th May 1885, No. 1108 W.

MAY.

Registrar's Office at
Masulipatam

Estimate for —, sanctioned.

65/3
7TH MAY 1888, No. 1333 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From G. HAMNETT, Esq., C.I.E., Inspector-General of Registration, to the Executive Engineer, Kurnool Division, dated Madras, 1st March 1888, G. No. 875.

In returning the enclosed estimates for constructing a Sub-Registry office at Giddalur, sent to the Registrar of Kurnool for his countersignature, I have the honor to inform you that the Inspector-General is the officer in the Registration Department who has to countersign such estimates.

2. In my letter to the Government, Judicial, T. No. 3817, dated the 9th August 1886, I recommended "the construction of an office on the revised standard design," namely, the design sanctioned in G.O., Public Works, dated the 5th May 1885, No. 1049 W., and *not* the terraced design sanctioned in G.O. No. 120 W., dated 14th January 1882.

3. Further, it is desirable that the suggestions approved by the Government in their G.O., Public Works, dated 16th January 1888, No. 163 W., should be adopted, with the addition of a lightning conductor.

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Inspector-General of Registration, dated Bellary, 24th March 1888, No. 2693.

With reference to your letter No. 875, dated 1st March 1888, to the Executive Engineer, Kurnool, I have the honor to inform you that the Executive Engineer reports that tiles are not procurable at Giddalur, and that the standard design, sanctioned in G.O. No. 1049 W., dated 5th May 1885, for Sub-Registrar's office cannot therefore be adopted, unless *Mangalore tiles* are used, and this would be very expensive, and would involve an expensive wooden ceiling underneath the tiles.

2. Under these circumstances, the estimate prepared for the terraced design, approved in G.O. No. 120 W., dated 14th January 1882, is retransmitted.

3. Lightning conductors are not necessary for such small and unimportant buildings.

G. No. 1666.

Submitted for the sanction of the Government, together with a copy of letter to the address of the Executive Engineer, Kurnool Division, G. No. 875, dated the 1st March 1888.

2. The necessity for constructing a Sub-Registry office at Giddalur was brought to the notice of the Government in my letter T. No. 3817, dated the 9th August 1886.

MADRAS,
27th March 1888.

(Signed) G. HAMNETT,
Inspector-General of Registration.

Approved and transferred to the Public Works Department.

(By Order.)

6th April 1888.

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

From G. HAMNETT, Esq., C.I.E., Inspector-General of Registration, to the Chief Secretary to Government, dated Madras, 28th March 1888, G. No. 1706.

The Government in their Judicial No. 2076, dated 23rd May 1887, recorded in G.O., Public Works, No. 1427 W., dated 25th idem, approved of the preparation of a plan and estimate for constructing a Sub-Registry office at Alvár Tirunagari.

2. The plan and estimate herewith submitted were prepared accordingly.

3. But as the Government have recently directed that the type design for Sub-Registry offices should be revised, I have the honor to recommend that, before sanctioning the plan and estimate now submitted, they be referred to the Consulting Architect to the Government, in view to his revising the estimate in accordance with the suggestions adopted yesterday at my interview with him.

Referred to the Public Works Department.

(By Order.)

14th April 1888.

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

From Colonel H. SMALLEY, R.E., Superintending Engineer, III Circle, to the Inspector-General of Registration, dated Bellary, 9th April 1888, No. 59.

With reference to G.O. No. 1277 W., dated 20th May 1886, on G.O. No. 1128, dated 1st May 1886, in the Judicial Department, I have the honor to forward an estimate, amounting to Rs. 2,698, for constructing a Sub-Registrar's office at Atmakúr, agreeably to the standard design approved in G.O. No. 120 W., dated 14th January 1882.

2. Standard design approved in G.O. No. 1049 W., dated 5th May 1885, has not been followed, as it is intended only for Sub-Registrars' offices to be built in the compound of taluk offices, and moreover, as stated in my previous letter, good tiles are not procurable in the Kurnool district.

G. No. 2052.

Submitted for the sanction of the Government.

2. The necessity for constructing an office at Atmakúr was brought to notice in my letter recorded in Judicial G.O., dated 1st May 1886, No. 1128.

MADRAS,
11th April 1888.

(Signed) G. HAMNETT,
Inspector-General of Registration.

Approved and transferred to the Public Works Department.

(By Order.)

19th April 1888.

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

ORDER—dated 7th May 1888, No. 1333 W., Public Works.

The estimates, received with the papers above recorded, will be returned to the Superintending Engineers concerned, in view to their being held over, pending the issue of revised type designs for Registration offices now under preparation by the Consulting Architect.

2. All calls on other Superintending Engineers for estimates for Registration offices on existing type designs will similarly be held over, pending issue of the revised type plans.

(True Extract.)

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

To the Superintending Engineer, III Circle,
with estimates for Registration offices at Giddalur and Atmakúr.
To the Superintending Engineer, VI Circle, with estimate for ditto at Alvár Tirunagari.
To Other Superintending Engineers.
To the Consulting Architect to Government.
Judicial Department.

Esd. F. B. Bantlemen.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1888) Madras.

PUBLIC WORKS.

Dated May, 7th.

Recd.

Encl.

G.O., 7th May 1888, No. 1333 W.

MAY.

Registration Offices

Directing that all estimates, and calls for estimates for —, be held over, pending the issue of revised type designs now under preparation.

ANNEXURE.

Revised standard design for a Sub-Registrar's office with terraced roofing.

Descriptive Specification.

Foundations.—A depth of 4 feet is provided in the estimate, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be carried up in English bond two bricks thick, verandah wall one brick thick.

Stone-work.—The stone-slabs under verandah posts should measure $10\frac{1}{2}$ " $\times$ $10\frac{1}{2}$ " $\times$ 6" with mortice holes 2" square and 2' deep, into which the posts will be tenoned. The steps may also be of stone-slabs, if easily procurable.

Wood-work.—The verandah posts, bressummers and joists should be of Burma or Indian teakwood, well seasoned.

Doors.—Provide a venetian and panel door for the entrance and a strong battened door for the record room (according to the detail shown in the plan for tiled roofing), both doors to be provided with a good Europe rim lock.

Windows.—Venetian windows to be provided for the office and windows with glazed inner shutters, battened outer shutters and iron bars, $\frac{3}{4}$ inch square, set diagonally, for the record room. The sills of all windows should slope outwards with a small opening under the frame to allow water to flow out. All doors and windows to be provided with strong iron bolts and hinges and hooks for fastening when opened, and the venetians to have wooden buttons for securing when closed.

Sun-shades.—Sun-shades to be provided for each of the end windows of the office.

Roofing.—The roofing of the office and record room will be of "pukka terracing," care being taken that proper slopes are made for drainage towards the weep-holes, which will have shoots made with redwood or teakwood projecting at least 2 feet from the face of the wall. The verandah roof will be of Bengal terrace or of Mangalore tiles, where they are easily obtainable.

Flooring.—The floor may be of square bricks or stone-slabs, if the latter are easily procurable. The record room should be floored with asphalt, $\frac{3}{4}$ inch thick.

Interior and exterior finishing.—The interior of the building should be plastered and rubbed smooth or plastered and whitewashed. Where good bricks or stone is available, the exterior should be pointed, otherwise plastered.

If the soil is damp, river sand to a depth of 1 foot at least should be laid below the flooring, and the interior walls to a depth of about 3 feet all round plastered with Portland cement half an inch thick. The exterior plinth should also be plastered with cement.

Painting.—The roof timbers, sun-shades, doors and windows to be painted with three coats of Carson's oak paint.

Ventilation.—Holes to be left between the joists measuring 4" $\times$ 6" sloping outwards and closed with wire-netting of $\frac{3}{4}$ inch mesh to prevent birds and bats entering.

(Signed) J. W. BRASSINGTON,
Consulting Architect to Government.

Detail measurements.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area of contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
Excavation for foundations—		FT. IN.	FT. IN.	FT. IN.		
Outer walls	...	108 0	3 6	4 0	1,855	
Cross wall	1	24 6	3 6	4 0		
Verandah wall	...	35 6	2 4 $\frac{1}{2}$	4 0	837	
Steps	...	12 0	3 6	1 0	42	
					C. feet.	2,234

Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area of contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
		FT. IN.	FT. IN.	FT. IN.		
Earth filling in basement—						
Record room	1	25 6	12 0	1 6	747	1,243
Clerks' do.	1	16 0	12 0	1 6		
Registrar's room	1	9 6	12 0	2 6	285	
Verandah	1	24 6	5 9	1 6	211	
					C. feet.	
Concrete—						
Outer walls	...	108 0	3 6	1 6	696	864
Cross wall	1	24 6	3 6	1 6		
Verandah wall	...	35 6	2 4	1 6	126	
Steps	...	12 0	3 6	1 0	42	
					C. feet.	
Brick-work in foundations and basement—						
Outer walls footing course	...	108 0	2 7½	1 6	522	1,468
Cross wall do.	...	24 5½	2 7½	1 6		
Verandah wall do.	...	36 5½	1 6	1 6	82	
Outer wall above footing course	...	108 0	1 10½	3 0	749	
Cross wall do.	...	25 1½	1 10½	3 0		
Verandah wall do.	...	37 1½	0 9	3 0	81	
Steps do.	1	7 8	1 0	0 6	4	
Do. do.	1	9 8	2 0	0 6	10	
Do. do.	1	11 6	3 0	0 6	17	
					C. feet.	
Brick-work in superstructure—						
Outer walls	...	108 0	1 6	13 0	2,106	2,821
Cross wall	1	25 6	1 6	13 9	526	
Parapet	...	109 6	1 1½	1 0	123	
Coping	...	117 0	0 9	0 9	66	
Deductions—						
Doors	2	4 0	1 6	8 0	96	392
Windows	8	3 6	1 6	5 0	210	
Arch-work as per details	...	...	...	...	86	
					C. feet.	
*Arch-work over doors and windows—						
Over doors	2	5 6	1 6	1 1½	86	C. feet.
Windows	8	5 0	1 6	1 1½		
Stone-work—						
Under posts	1	0 10½	0 10½	0 6	2	C. feet.
Teakwood wrought and put up—						
Joists	42	13 6	0 3	0 7	83	
Verandah posts	4	0 6	0 6	7 6	8	
Do. brasseummers	1	28 0	0 6	0 6	7	
Do. rafters	22	8 6	0 3	0 4	16	

Detail measurements—cont.

Detail of work.	Number.	MEASUREMENTS IN FEET.			Area or contents.	Total quantity of each description of work.
		Length.	Breadth.	Depth.		
Teakwood wrought and put up— <i>cont.</i>		FT. IN.	FT. IN.	FT. IN.		
Verandah pieces at ends ...	2	7 0	0 3	0 4	1	
Do. planks at ends ...	2	7 0	0 1	1 6	2	
Railing in clerks' room—						
Hand rail ...	1	9 6	0 3	0 2 $\frac{1}{2}$	1	
Bottom piece ...	1	9 6	0 3	0 2 $\frac{1}{2}$		
Uprights ...	17	3 0	0 1 $\frac{1}{2}$	0 1 $\frac{1}{2}$	1	
Do. at end ...	1	3 6	0 3	0 3		
					C. feet.	119
Venetian and panel door with frames, &c., complete ...	1	4 0	...	8 0	32	S. feet.
Batten door with frames complete ...	1	4 0	...	8 0	32	S. feet.
Venetian windows with frames complete—						
For office ..	2	3 6	...	5 0	35	S. feet.
Venetian windows with frames and glazed inner shutters complete ...	2	3 6	...	5 0	35	S. feet.
Batten windows with frames, iron bars $\frac{3}{4}$ " square and inner glazed shutters complete—						
For record room ...	4	3 6	...	5 0	70	S. feet.
Galvanised iron wire-netting to cover holes between joists ...	40	0 6	...	0 8	13	S. feet.
Sun-shades complete ...		2 in number.				
Terrace roofing—						
For office and record room ...	1	27 0	...	27 0	729	S. feet.
					Squares.	7 29
Bepgal terrace—						
For verandah ...	1	27 6	...	8 0	220	S. feet.
					Squares.	2 20
Plastering with chunam interior walls—						
Office and record room ...	2	75 0	...	9 0	1,350	
Door jambs ...	2	14 0	...	1 6	42	
Window jambs ...	8	17 0	...	1 6	204	
Top of parapet ...	...	109 0	...	1 3	136	
Inside of parapet ...	...	104 0	...	1 0	104	
						1,836
Deductions—						
Doors ...	3	4 0	...	5 0	60	
Windows ...	8	3 6	...	5 0	140	
						200
					S. feet.	1,636
					Squares.	16 36
Plastering with Portland cement $\frac{1}{2}$ an inch thick—						
Office and record room ...	2	75 0	...	3 0	450	
Plinth exterior ...	...	128 0	...	2 3	288	

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1888) Madras.

PUBLIC WORKS.

Dated July, 21st.

Recd.

Encl.

G.O., 21st July 1888, No. 2230 W.

JULY.

Type-designs

Circulating the revised — with descriptive specifications and estimates of quantities for Sub-Registrars' offices in supersession of previous type-designs.

16TH NOVEMBER 1889, No. 3247 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following paper :—

From the Superintending Engineer, II Circle, dated 30th October 1889.

ORDER—dated 16th November 1889, No. 3247 W., Public Works.

A sum of Rs. 200 being the available balance of the reserve with the Government under Imperial Civil Works, Telegraph Repairs, is allotted to the Kistna Eastern division under that head. The question of supplementing the grant will be considered later in the year if funds become available.

2. The following sums surrendered by the Superintending Engineer are resumed and credited to the Provincial reserve with the Government :—

	RS.
Registrar's office at Masulipatam	4,000
Collector's office, Nellore	2,000
Civil Buildings, Repairs, Nellore division	1,000
Do. do. Kistna Western division	300
Miscellaneous Public Improvements, Repairs, Kistna Eastern division	320
Training the banks of the Adyar river	170
Total	7,790

3. The following appropriations are made from the Provincial reserve :—

	RS.
Constructing corrugated iron goods-shed at Masulipatam	610
Extensions to the Sub-Registrar's office, Bezvada	1,520
Civil Buildings, Minor Works, Nellore division	2,700
Miscellaneous Public Improvements, Minor Works, Buckingham Canal division	170
Total	5,000

4. The grant of Rs. 40 for the maintenance of the ferry road at Bezvada together with Rs. 10, being the percentage charge for establishment and tools and plant, is resumed and replaced at the disposal of the Revenue Department.

(True Extract.)

(Signed) R. R. E. DRAKE-BROCKMAN, Lt.-Col., R.E.
Ag. Joint Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Examiner, Public Works Accounts.
" Revenue Department.

Exd. J. Moses.
Spare Copies

GENERAL.
ACCOUNT.

Gobt. of {1889} Madras.

PUBLIC WORKS.

Dated November, 16th.

Recd.

Encl.

G.O., 16th Nov. 1889, No. 3247 W.

NOVEMBER.

Surrenders and Demands

Orders on statement of — submitted by
the Superintending Engineer, II Circle.

INDIAN TELEGRAPH.				Local No. 10775
To (Station) Madras				From (Station) Payvada
Words	Day	Hour	Minute	OFFICIAL INSTRUCTION
23/9	26	18	30	deft
To (Person) Madras Worries				From (Person) Supg Engr 2nd Circle

modification statement II decem -
her surrender refuses 2540
registrars office masulipatam
not accepted wire acceptance

Recd. from
At
Hrs.
Min. By
Date

SENT TO
At
Hrs.
Min. By
Date

L. N.
Min. By

MADRAS 26-2-90

Telegraph Master

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Read the following

From the S. E. II Circle: d/ 11th December 1889.
 Telegram from the S. E. II Circle: d/ 26. Feb. '90.

Recd 27.2.90

The grant of
 Rs 2540 for the
 Registrar's office at
 Masulipatam,
 surrendered by the
 Suptg Engineer II Circle
 is resumed and
 credited to the
 Provincial reserve
 with the Government.
 2. The following telegram
 will be sent to the S. E.
 II Circle.

S. E. II Circle
 Et P. W. Dept

"Your telegram 26".
 Sums of Rs 2540 for
 Registrar's office Masulipatam, accepted."

D/3

27.2.90

CM

27.2.90 Recd
 27.2.90

No 2260 w. 21.7.86

3247 w. 16.11.87

226 w. 24.1.90

2700 w. 13.10.87

572 a. 21.1.87

No 6516 Star - 1987