(1) பக்கங்களின் எண்ணிக்கை 112

(2) புதுக்கித் திருப்பிய நாள் 19.7.88

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

பொதுப்பணித் துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 2630(W) அச்சகம்
பலவகை

நாள் : 27-8-1888

படிக்கவோ கண்டபடி கையாளவோ கூடாது

ஆவண. கா-1—18,000—15-6-87.

2630
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From T. M. HORSFALL, Esq., Acting Registrar of the High Court of Judicature at Madras, Appellate Side, to the Acting Chief Secretary to Government, dated Madras, 20th July 1888, No. 1837.

I am directed to forward, for the sanction of Government, the accompanying plans and estimates, amounting to Rs. 17,420, for the construction of a new court house for the District Munsif of Karúr in the Coimbatore District, and to request that they may be sanctioned at an early date, in order to enable the Public Works Department to utilise, during the current year, the sum of Rs. 10,000 allotted for the work in this year's budget.

2. The Acting District Judge submits that he does not consider the present plan satisfactory; but that it would be out of place to make any further suggestions for its improvement.

Approved and transferred to the Public Works Department.

(By Order.)

1st August 1888. (Signed) A. G. CARDEW,
Ag. Under-Secretary.

Note by the Chief Engineer, Public Works Department.

The revised estimate of Rs. 17,420 for constructing a District Munsif's Court at Karúr is submitted for the sanction of Government with the following remarks :—

2. This estimate shows a saving of Rs. 15,170 over that sanctioned in G.O. No. 2508 W., dated 25th September 1886, due to the adoption of the standard plan issued with G.O. No. 2008 W., dated 27th July 1887.

3. The rates for the following items are in excess of those given in the schedule for the Coimbatore Division; and the Superintending Engineer will consider whether any reduction can be made in them :

Excavation.	Flooring.
Brick-in-mortar.	Plastering.
Terracing.	Pointing.

20th August 1888. (Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, P.W.D.

ORDER—dated 27th August 1888, No. 2630 W., Public Works.

The revised estimate, amounting to Rs. 17,420, for constructing a District Munsif's Court at Karúr in the Coimbatore District, is sanctioned in supersession of the estimate of Rs. 32,590 sanctioned in G.O. No. 2508 W., dated 25th September 1886.

2. Attention is drawn to the Note by the Chief Engineer, Public Works Department, above recorded.

3. This sanction has been registered as Provincial No. 76 W. of 1888-89, and classified as Civil Buildings, Original Works.

(True Extract.)

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

To the Superintending Engineer, IV Circle, with six enclosures.
" Examiner of Public Works Accounts,
with the duplicate general abstract estimate.
" Judicial Department.

Exd. F. R. Bantleman.
Spare Copies

2632/2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1888} Madras.

PUBLIC WORKS.

Dated August, 27th.

Read. *Encl.*

G.O., 27th Aug. 1888, No. 2630 W.

AUGUST.

District Munsif's Court at Karur

Revised estimate for constructing a — in the Coimbatore District, sanctioned.

2680/3

15TH OCTOBER 1883, No. 2909 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From G. MACKENZIE, Esq., Officiating Registrar of the High Court of Judicature at Madras, to the Acting Chief Secretary to Government, dated Madras, 3rd August 1883, No. 2554.

I am directed to forward, in original, letters, No. 12, dated 15th June, and No. 64, dated 20th July, from the District Judge of Coimbatore, with their enclosures, and also copy of the High Court's letter, No. 2201, dated 9th July, to the District Judge.

2. This correspondence relates to proposed alterations of the court-house of the district munsif at Karúr, and it is the opinion of the Honorable Judges that as Karúr is an important town and will always have a munsif's court, it is preferable to erect a new court-house. I am therefore to suggest that these papers be transferred to the Public Works Department for the necessary action.

ENCLOSURES.

From H. WIGRAM, Esq., District Judge of Coimbatore, to the Chief Secretary to Government, through the High Court of Judicature at Madras, dated Coimbatore, 15th June 1883, No. 12.

I have the honor to submit, for the sanction of Government, an estimate framed by the district munsif of Karúr for the erection of a new court-house.

The estimate has been framed below Rs. 1,000 in accordance with my instructions and has been checked by the Executive Engineer of the division, who certifies that the work can be executed for the amount given in the estimate.

The inconvenience of the present court-house attracted the attention of both Mr. Carr-Gomm and myself when we officially inspected it. The office is accommodated in verandahs whilst the court-house itself is below the level of the road. The present court-house (plan with urzi, dated 27th October 1881, enclosed) will now be available for the clerks whilst the new court-room will be raised three feet from the ground.

I consider the work to be absolutely essential and request that, if possible, funds may be allotted for its execution in the current year.

From W. MORGAN, Esq., Deputy Registrar of the High Court of Judicature at Madras, to the Acting District Judge of Coimbatore, dated Madras, 9th July 1883, No. 2201.

With reference to your letter, dated 15th June 1883, No. 12, addressed to the Government through the High Court, I am to state that the Court observes that the total area of the existing court is 728 square feet, and deducting dais, say $9 \times 9 = 81$ square feet, the area for vakils and public is 647 square feet. The total area of proposed court is 405 square feet, and if the portion shown in the plan, 8×15 square feet, be deducted for dais, there will remain $19 \times 15 = 285$ square feet for the vakils and public, a much smaller space than is now available. The proposed hall itself is upwards of 200 square feet less in area than the existing court-room. I am directed to request that you will be so good as to report to this Court why the present building cannot be raised; and an additional room built for the office.

The plan of the compound should be sent up with your report.

From T. WEIR, Esq., Acting District Judge of Coimbatore, to the Deputy Registrar of the High Court of Judicature at Madras, Appellate Side, dated Coimbatore, 20th July 1883, No. 64.

In reply to your letter, dated the 9th instant, No. 2201, I have the honor to forward herewith a letter from the district munsif of Karúr furnishing the information asked for. It will be seen that it is proposed to improve the new court-house hall by an addition hereafter of a verandah and chamber-room. The old court-house is incapable of improvement as a court-house, but can be utilized for the accommodation of the clerks who have hitherto been lodged in the verandah.

2. In the circumstances stated in the munsif's letter, I have the honor to request that the necessary sanction may be given by an early date.

No. 1537, Judicial.

Approved and transferred to the Public Works Department.

Ootacamund, 13th August 1883.

(Signed) M. HAMMICK,
Acting Assistant Secretary.

No. 1571 C.

MEMORANDUM.

Forwarded to the Superintending Engineer, Fourth Circle, for opinion—

(1) as to whether the old building is worth preserving;
(2) whether the proposal is suitable for the object intended, and estimate sufficient;
(3) whether an altogether new court-house on standard plan would not be a better solution of the difficulty.

2. In the last case it must be remembered that with pressing demands on our limited Provincial Funds, delay in allotting money for the work must necessarily occur.

3. The return of the original papers forwarded herewith is requested.

(By Order.)

20th August 1883.

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

From Colonel J. BEATTY, R.E., Superintending Engineer, Fourth Circle, to the Chief Engineer, Public Works Department, dated Coimbatore, 2nd October 1883, No. 418.

With reference to your endorsement, No. 1571 C., of 20th August 1883, I have the honor to report that I have visited Karúr and consulted with the district munsif on the spot.

One original letter, No. 2554, of 3rd August 1883, from Officiating Registrar of High Court of Judicature to the Acting Chief Secretary to Government, with nine enclosures.

2. The old building is ill-ventilated and ill-lighted, but it is substantially built, water-tight, and in a good state of preservation. The compound of the present building is sufficiently large for the present court but it is not large enough to contain any considerable additional buildings without interfering with the lighting and ventilation of the present building which is now bad. The present munsif's court is worth Rs. 2,700.

3. I do not think the present proposal * suitable. The munsif agrees with me that the court should be 18 feet wide by 30 feet long, have a retiring room 10 feet wide by 18 feet, and verandahs. Such a building would cost Rs. 4,400.

* The one under reference.

4. In addition to this the munsif considers an attached-property room indispensable, and a latrine. The former would cost Rs. 700, and the latter Rs. 200.

5. Probably a compound wall would also be needed, and with this the value of the whole would not be less than Rs. 9,000; while the buildings would be crowded together on the site and interfere with the lighting and ventilation of one another.

6. An entirely new building on a good site and on the standard design, would probably cost Rs. 14,000 but I would strongly recommend it in preference to making additions on the present low and confined site.

7. I return the enclosures of your endorsement under reference.

Order—dated 15th October 1883, No. 2909 W., Public Works.

The Superintending Engineer, Fourth Circle, will submit, as early as practicable, an estimate for a new building on the standard plan for the district munsif's court at Karúr, the design being modified, if necessary, to suit the locality and to meet the requirements enumerated by the munsif.

2. As regards the existing building, the question whether it should be dismantled and the materials sold, or utilized for some public purpose, or sold as it stands to any private individual willing to purchase it, can be considered hereafter.

(True Extract.)

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

To the Superintending Engineer, Fourth Circle, with seven enclosures.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1883} Madras.

PUBLIC WORKS.

Dated October, 15*th*.

Recd. *Encl.*

G.O., 15th Oct. 1883, No. 2909 W.

OCTOBER.

District Munsif's Court at Karur

Estimate for a new building for the —, called for.

2430/5

15TH NOVEMBER 1884, No. 2854 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From Major J. L. L. MORANT, R.E., Officiating Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 4th October 1884, No. 1086.

With reference to Public Works G.O., No. 1837 W., dated 29th July 1884, I have the honor to submit a type design in twelve sheets and four schedule of quantities, embodying the suggestions of the High Court, for a Sub-judge's or District Munsif's Court with flat roofs.

12 Plans.
4 Estimates.
1 Specification.

2. The plans show two alternative positions for the record-room.

3. The present design affords 3,127 square feet of room and 2,599 square feet of verandah accommodation. The filed design sanctioned in Public Works G.O., No. 2294 W., dated 6th September 1879, gives 2,508 square feet of room and 2,048 square feet of verandah accommodation.

4. The design has been drawn up so as to admit of modifications to suit different districts and courts. At present Madras rates it would cost Rs. 26,000. But by omitting every kind of ornament, it might be built for Rs. 22,000. In districts where stone is not easily procurable, the stone-projecting slab might be replaced by tiles and the stone corbels supporting it by bricks and the stone joists by wood as is shown in sheets Nos. 11 and 12. The property-room door which opens into the court might in some cases be even omitted, as a second iron-barred door is also provided.

5. Looking to the high price of first-class timber, the design has been drawn with stone girders or joists carrying brick arches. There is no timber in any part of the roof.

6. Every room and even the verandahs are supplied with ample ventilation of the best kind under roof and over doors as is shown in sheets Nos. 6, 7, 9, 10 and 12. All the rooms are also lighted by clear-story windows protected from the heat by projecting stone slabs.

7. Wherever further ventilation is considered necessary, it is suggested that a damp proof course of vitrified stone-ware, 1½ inches thick, be laid in the walls at a level of 3 to 6 inches above the floors. These slabs which are perforated would admit air at the floor level, and might be very useful in cases where doors have to be shut. They would also prevent damp from rising up the walls. These slabs have only been provided in the latrine (see plan No. 12).

8. To avoid gutters and pipes, the drainage of all the roofs falls over the stone slabs on to the ground through numerous holes in the parapet. The stone slab projection keeps the drip 4 feet away from the outer walls of the building.

9. The dome of the muntapam might be constructed, if thought preferable, like a Syrian roof (*vide* papers printed with G.O., No. 2045 W., dated 30th August 1880).

10. I append a descriptive specification. Detailed specifications will doubtless be prepared by the officers who submit their designs for sanction.

11. In some cases (where the sunlight is strong and aspect of building exposed to it, &c.) tinted glass might be used in the clear-story lights of the court room: this can now be supplied from either the School of Arts, or from this office, at a moderate price.

No. 755 E., Public Works.

Forwarded for the approval of the Honorable the Judges of the High Court, and of Government in the Judicial Department.

Ootacamund, 13th October 1884.

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

No. 2351, Judicial.

Forwarded to the Honorable the Judges of the High Court for approval.

(By Order.)

Ootacamund, 18th October 1884.

(Signed) M. HAMMICK,
Acting Assistant Secretary.

G.O., dated 12th November 1884, Mis. No. 2913, Judicial.

Read—the following letter from the Acting Registrar of the High Court of Judicature at Madras, Appellate Side, to the Chief Secretary to Government, dated the 29th October 1884, No. 3136:—

With reference to the proceedings of Government, dated the 18th October 1884, No. 2351, Judicial, forwarding, for the approval of the Honorable the Judges, a letter from the Officiating Consulting Architect to Government, dated the 4th idem, No. 1086, submitting the type designs embodying the suggestions of the High Court for a subordinate judge's or district munsif's court-house, I am directed, in returning the plans, to state that, in the opinion of the Judges, they appear very satisfactory.

Order—dated 12th November 1884, Mis. No. 2913, Judicial.

Communicated to the Public Works Department.

(True Extract.)

(Signed) M. HAMMICK,
Acting Assistant Secretary.

Order—dated 15th November 1884, No. 2854 W., Public Works.

The type design, with schedule of quantities and descriptive specification, for a sub-judge's or a district munsif's court, will be circulated to officers of the Public

Works Department, in continuation of proceedings of Government, No. 1837 W., dated 29th July 1884.

(True Extract.)

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

To Superintending Engineers.
To the Consulting Architect to Government.
" Judicial Department.

Fxd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1884} Madras

PUBLIC WORKS.

Dated November, 15th.

Read. *Enc*

G.O., 15th Nov. 1884, No. 2854 W

NOVEMBER.

Sub-Judge's or District Munsif's Court

Type design, with schedule of quantities and descriptive specification, for a —, circulated to officers of the department.

2630/7

27TH JULY 1887, No. 2008 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From J. W. BRASSINGTON, Esq., Officiating Consulting Architect to the Government of Madras, to the Chief Engineer, Public Works Department, dated Chepâk, 25th May 1887, No. 248.

With reference to paragraph 2 of G.O., No. 1098 W., dated the 21st April 1887, I have the honor to submit, for approval, a design for a sub-judge or district munsif's court-house with a terraced roof.

No. 164 D.

Forwarded for the approval of Government in the Judicial Department.

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

27th May 1887.

No. 1259, Judicial.

Approved, and retransferred to the Public Works Department.

(By Order.)

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

13th June 1887.

From J. W. BRASSINGTON, Esq., Consulting Architect to Government, to the Chief Engineer, Public Works Department, dated Chepâk, 19th July 1887, No. 592.

With reference to G.O., No. 1259, dated the 13th June 1887, forwarded with your endorsement, No. 232 D., dated the 15th June 1887, I have the honor to submit the revised standard plan of court-house for a sub-judge or district munsif, with a terraced roof, with descriptive specification and schedule of quantities.

ORDER—dated 27th July 1887, No. 2008 W., Public Works.

The revised type design, with schedule of quantities and descriptive specification, for a sub-judge's or district munsif's court-house, with terraced roof, will be circulated to officers of the Public Works Department, for information and guidance, in continuation of G.O., No. 1098 W., dated 21st April 1887, and in supersession of the design circulated with G.O., No. 2854 W., dated 15th November 1884.

(True Extract.)

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

To Superintending Engineers.
To the Consulting Architect to Government.
" Judicial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of [1887] Madras.

PUBLIC WORKS.

Dated July, 27th.

Recd.

Encl.

G.O., 27th July 1887, No. 2008 W.

JULY.

Sub-Judge's or District Munsif's Court-house

A revised type design for a —, with terraced roof, circulated to officers of the Public Works Department.

2630/6

Accompaniment to G.O., No. 2008 W., dated 27th July 1887.

SUB-JUDGE OR DISTRICT MUNSIF'S COURT-HOUSE.

ALTERNATIVE DESIGN WITH TERRACED ROOFING.

DESCRIPTIVE SPECIFICATION.

Foundations.—A depth of 5 feet is provided in the quantities, but this should be settled locally in accordance with the nature of the soil.

Walling.—The walls should be built in English bond, 2½ bricks, 2 bricks and 1½ bricks thick. It may be necessary to mould special bricks for the verandah piers shown 15 inches square.

Stonework.—Stone slabs should be placed at the bearings of all beams and over the terrace to receive water falling from the spouts. The steps may also be of stone, if procurable without great expense.

Woodwork.—The beams and joists may be of well seasoned Burma or Indian teak or any other durable country wood proof against white-ants.

Doors and windows.—The doors and windows to be of well seasoned Burma or Indian teak-wood. All doors opening into verandahs will be of ⅓ panel and ⅔ venetians. Inner doors to be panelled throughout. The windows will have outer venetianed shutters and glazed shutters opening inside with 1 inch square iron bars fixed diagonally. The ventilators will be of fixed glazed sashes in two parts set apart not less than 6 inches, for permanent ventilation, with galvanized iron wire netting with ½ inch holes stretched across to prevent bats from entering.

Roofing.—The roofing will consist of "pucka terracing," care being taken that proper slopes are made for drainage towards the weep-holes, which will have shoots made of red-wood or teak-wood covered with sheet lead as shown in detail.

Flooring.—The floor may be laid with square bricks or stone slabs, if the latter are easily procurable. Where the soil is damp, the space below the flooring should be filled with river sand. Asphalte flooring is provided for the record and property room.

Interior and exterior finishing.—The interior walls will be fine plastered with shell lime and polished or plastered and washed. Where good bricks are obtainable, the exterior should be pointed. In damp soils the plinth and interior walls, about 3 feet above floor level, should also be plastered with cement.

The different kinds of work to be done will be executed in conformity with the standard specification of the Public Works Department.

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

ESTIMATE FORM.—Detail Measurements.

Detail of Work	Number.	Measurements in Feet.			Area or Contents.	Total Quantity of each description of Work.
		Length.	Breadth.	Depth.		
Excavation for Foundations.						
Court walls, four sides	...	103 6	4 10½	5 0	2,523	
Record and property room, outer walls	...	62 9				
Do. do. partitions ...	...	19 0				
Front, rear and end walls of gumastahs', head clerk's and vakils' rooms, &c.	2	99 6	4 6	5 0	6,317	
Partitions of do. do.	3	12 0	4 1½	5 0	743	
Verandah in front	...	154 9	4 3	5 0	5,180	
Do. in rear	2	44 6				
Steps	5	9 9	3 0	1 6	219	
Total, Cubic feet ...	...	...	...	...	...	14,982

Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Concrete in Foundations.						
Court walls, four sides	...	103 6	4 10½	1 6	757	
Record and property room, outer walls	...	62 9				
Do. do. partitions ...	...	19 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	99 6	4 6	1 6	1,895	
Partitions of do.	3	12 0	4 1½	1 6	223	
Verandah in front	...	154 9	4 3	1 6	1,554	
Do. in rear	2	44 6				
Steps	5	9 9	3 0	1 6	219	
Total, Cubic feet ...	...	...	...	...	...	4,648
Brickwork in Foundations.						
Footings.						
Court walls, four sides	...	103 6	2 10½	1 6	446	
Record and property room, outer walls	...	64 9				
Do. do. partitions ...	...	21 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	101 6	2 6	1 6	1,083	
Partitions of do.	3	14 0	2 1½	1 6	134	
Verandah in front	...	156 9	2 3	1 6	843	
Do. in rear	2	46 6				
Above Footings to Ground Level.						
Court walls, four sides	...	103 6	1 10½	2 0	388	
Record and property room, outer walls	...	65 9				
Do. do. partitions ...	...	22 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	102 6	1 6	2 0	878	
Partitions	3	15 0	1 1½	2 0	101	
Verandah in front	...	157 9	1 3	2 0	632	
Do. in rear	2	47 6				
Extra thickness for plinth	...	345 0	0 3	2 0	173	
Total, Cubic feet ...	...	...	...	...	...	4,678
Brickwork in Basement.						
Court walls, four sides	...	103 6	1 10½	2 0	388	
Dais walls	...	22 0	1 6	2 0	66	
Do. steps	2	4 0	2 0	2 0	32	
Record and property room, outer walls	...	65 9				
Do. do. partitions ...	...	22 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	102 6	1 6	2 0	878	
Partitions	3	15 0	1 1½	2 0	101	
Verandah in front	...	157 9	1 3	2 0	632	
Do. in rear	2	47 6				
Extra thickness for plinth	...	345 0	0 3	2 0	173	
Steps	5	9 9	3 0	0 6	73	
Do.	5	7 9	2 0	0 6	39	
Do.	5	5 9	1 0	0 6	14	
Total, Cubic feet ...	...	...	...	...	...	2,396

Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Brickwork in Superstructure.						
Court walls, four sides	...	103 6	1 10½	20 9	3,881	
Dais	...	22 6	1 3	1 6	42	
Steps	2	4 0	2 0	0 6	8	
Do.	2	4 0	1 0	0 6	4	
Record and property room, outer walls ...	...	65 9				
Do. do. partition ...	1	22 0				
Front, rear and end walls of gumastahs', head clerk's, and vakils' rooms, &c.	2	102 6	1 6	15 0	6,587	
Partitions	3	15 0	1 1½	15 0	759	
Verandah walls in front	...	157 9	1 3	10 6	3,317	
Do. rear	2	47 6				
Parapet over court	...	106 0	1 3	1 6	199	
Do. extra height at corners ...	4	9 9	1 3	1 0	49	
Do. over property and record room	...	66 3	1 3	1 6	124	
Do. extra height at corners ...	2	5 6	1 3	1 0	14	
Binding wall over partition in do.	1	22 3	1 6	1 0	33	
Parapet over gumastahs', head clerk's and vakils' rooms, &c.	2	103 0	1 3	1 6	386	
Do. extra height at corners ...	4	9 3	1 3	1 0	46	
Binding walls over partitions ...	3	15 6	1 1½	1 0	52	
Parapet over verandah in front ...	...	159 5	0 10	1 3	266	
Do. in back verandah	2	47 11				
Do. extra height at corners ..	4	3 2	0 10	1 0	17	
Do. do. do. ...	2	3 8				
Coping to parapet	...	303 0	0 3	0 5	94	
Do.	...	641 0	0 3	0 3	40	
Band in verandah piers, &c. ...	...	247 0	0 3	0 6	31	15,949
Deductions—						
Doorways in court	7	4 0	1 10½	8 0	420	
Do. in gumastahs', &c., rooms	14	4 0	1 6	8 0	672	
Do. in do. partitions ...	3	4 0	1 1½	8 0	108	
Windows	4	4 0	1 6	6 0	144	
Ventilators in court room ...	8	4 0	1 10½	1 9	105	
Do. in gumastahs', &c., rooms	14	3 0	1 6	1 9	126	
Ventilators in record and property room	2	3 0	1 6	1 9		
Verandah arches	27	5 9	1 3	8 0	1,753	
Do.	4	5 0	1 3	8 0		
Archwork as per details ...	...	...	...	...	754	4,082
Total, Cubic feet ...	...	...	...	...	...	11,867
Filling in Basement.						
Court	...	30 0	18 0	1 6	810	
Dais	1	6 6	6 9	1 0	44	
Gumastahs' room	...	25 0				
Head clerk's do.	...	16 1½				
Judge's retiring-room	...	10 0	15 0	1 6	1,825	
Vakils' room	...	15 0				
Nazarat do.	...	15 0				
Record and property room	2	22 0	8 7½	1 6	369	
Verandah in front	...	140 3	7 6	1 6	2,450	
Do. in rear	2	38 9				
Total, Cubic feet ...	...	...	...	...	...	5,698

Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Archwork.						
Over court doorways	7	5 3	1 10½	1 1½	77	
Over doorways in gumastahs', &c., rooms	14	5 3	1 6	1 1½	124	
Do. in partitions ...	3	5 3	1 1½	1 1½	20	
Over windows	4	5 3	1 6	1 1½	35	
Do. ventilators in court	8	5 3	1 10½	1 1½	89	
Do. do.	16	4 0	1 6	1 1½	108	
Do. verandah openings	27	7 0	1 3	1 1½	301	
Do. do.	4	6 3	1 3	1 1½		
Total, Cubic feet ...	...	...	...	...	...	754
Stone-work, Dressed.						
Slabs under beams for court ...	4	2 0	1 10½	0 6	8	
Do. gumastahs', &c., rooms ...	16	1 6	1 6	0 4	12	
Do. for steps	5	29 3	1 0	0 6	73	
Slabs on terrace below shoots ...	32	2 0	2 0	0 3	32	
Total, Cubic feet ...	...	...	...	...	...	125
Teak-wood wrought and put up.						
Court—						
Beams	2	21 0	0 10	1 4	47	
Joists, 18″ centre to centre ...	13	32 0	0 3	0 6½	56	
Record and property room—						
Joists, 18″ centre to centre ...	32	10 1½	0 3	0 6	41	
Gumastahs' rooms—						
Beams	3	17 6	0 7½	1 1	36	
Joists	11	27 0	0 3	0 5	31	
Head clerk's room—						
Beams	1	17 6	0 8	1 1	13	
Joists	11	17 9	0 3	0 5	20	
Judge's retiring-room—						
Joists	11	11 6	0 3	0 6½	17	
Vakils' room—						
Beams	2	17 6	0 7½	1 1	24	
Joists	11	16 6	0 3	0 5	19	
Nazarat establishment—						
Beams	2	17 6	0 7½	1 1	24	
Joists	11	16 6	0 3	0 5	19	
Verandahs—						
Beams at angles	4	12 0	0 5	0 7½	13	
Joists	126	9 0				
Do. at angles	8	8 3				
Do. do.	8	6 9				
Do. do.	8	4 9	0 3	0 5	140	
Do. do.	8	3 9				
Do. do.	8	2 6				
Total, Cubic feet ...	...	...	...	...	...	500
Venetian and Panel Doors with Frames.						
Doors opening into verandah ...	19	4 0	...	8 0	608	S. ft.
Panelled Doors with Frames.						
Inner doors	5	4 0	...	8 0	160	S. ft.
Venetian windows with frames and iron bars including glazed inner shutters	4	4 0	...	6 0	96	S. ft.

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Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Ventilators with fixed glazed sashes and wire netting across.						
For court rooms	8	4 0	...	2 1	67	
„ other „	16	3 0	...	2 1	100	
Total, Square feet ...	...	...	...	...	...	167
Terraced Roofing.						
Court	...	31 0	...	19 0	1,026	
Record and property room	...	25 0	...	19 0		
Gumastahs', judge's, &c., rooms ...	2	43 0	...	16 0	1,376	
Verandah, front	...	142 3	...	8 0	1,138	
Do. back	2	39 9	...	8 0	636	
Square feet ...	...	...	...	...	...	4,176
Total, Squares ...	...	...	...	...	...	41·76
Flooring basement with 9″ square bricks over concrete 6 inches thick.						
Court	1	18 0	...	30 0	540	
Gumastahs', head clerk's rooms judge's retiring room, &c.	...	81 1½	...	15 0	1,217	
Verandahs, front	...	140 3	...	7 6	1,633	
Do. rear	2	38 9	...			
Square feet ...	...	...	...	...	...	3,390
Total, Squares ...	...	...	...	...	...	33·90
Paving door pieces with 9″ square bricks.						
Court doorways	7	4 0	...	1 10½	53	
Doorways	12	4 0	...	1 6	72	
Do.	3	4 0	...	1 1½	14	
Verandah arches	27	5 9	...	1 6	203	
Do.	4	5 0	...			
Square feet ...	...	...	...	...	...	402
Total, Squares ...	...	...	...	...	...	4·02
Flooring with asphalte ½″ thick over a bed of concrete 6″ thick.						
Record and property room	2	22 0	...	8 7½	380	
Door pieces	2	4 0	...	1 6	12	
Square feet ...	...	...	...	...	...	392
Total, Squares ...	...	...	...	...	...	3·92
Plastering interior.						
Court	...	96 0	...	19 0	1,824	
Dais sides	2	8 0	...	1 0	16	
Record and property room	2	81 3	...	14 0	1,715	
Gumastahs' room	...	80 0	...	14 0	1,120	
Head clerk's room	...	62 3	...	14 0	872	
Judge's retiring-room	...	50 0	...	14 0	700	

Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Plastering interior—cont.						
Vakils' and nazarat room	2	60 0		14 0	1,680	
Door, jambs and soffits ...	7	20 0	...	1 10½	263	
Do. do. ...	14	20 0	...	1 6	420	
Do. do. ..	3	20 0	...	1 1½	68	
Window do. ...	4	20 0	...	1 6	120	
Ventilator do. ...	8	11 6	...	0 11½	86	
Do. do. ...	16	9 6	...	0 9	114	
Binding walls	3	15 6	...	3 1½	145	
Do.	1	22 3	...	3 6	78	
						9,221
Deductions—						
Doorways						
Windows	20	4 0	...	8 0	928	
Ventilator	4	4 0	...	6 0	96	
Do.	8	4 0	...	1 6	48	
	16	3 0	...	1 6	72	
						1,144
Square feet ...	...	...	...	...	...	8,077
Total, Squares ...	...	...	...	...	...	80·77
Pointing exterior.						
Basement all round	...	310 9	...	2 0	622	
Front verandah interior	...	305 6				
Back do.	2	92 6	...	9 6	4,660	
Property room rear and ends ...	...	41 9	...	15 0	626	
Do. clearstorey ...	2	8 9	...	4 6	79	
Court do. ...	...	62 9	...	9 6	596	
Do. do. ...	...	48 3	...	5 0	241	
Gumastahs' and nazarat ends ...	2	25 6	...	15 0	765	
Do. do. clearstorey ...	4	40 0	...	4 6	720	
Verandah exterior	...	160 3				
Back verandah exterior	2	48 9	...	10 6	2,706	
Parapet walls over court ...	...	108 6				
Do. additional height ...	4	9 9	...	4 3	461	
Do. over property and record room			...	2 0	78	
Do. additional height ...	...	60 0				
Do. over gumastahs', &c., rooms	2	5 6	...	4 3	255	
Do. additional height ...	2	104 3	...	2 0	22	
Do. over front verandah...	4	9 3	...	4 3	886	
Do. additional height ...	...	106 3	...	2 0	74	
Ventilator jambs	...	29 0	...	3 4	334	
Do.	8	11 6	...	2 0	40	
	16	9 6	...	0 11½	86	
			...	0 9	114	
Deductions—						
Doorways						13,365
Windows	19	4 0				
Ventilators	4	4 0	...	8 0	608	
Do.	8	4 0	...	6 0	96	
	16	3 0	...	1 6	48	
			...	1 6	72	
						824
Square feet ...	...	...	...	...	...	12,541
Total, Squares ...	...	...	...	...	...	125·41
Wooden hand railing for dais ...	...	...	...	...	25	Lineal feet.

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Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Painting doors and windows, 3 coats of Carson's oak paint.						
Venetian and panel doors	3	...	...	608	1,824	
Panelled doors	2	...	...	160	320	
Venetian windows with iron bars ...	4	...	...	96	384	
Ventilators	2	...	...	167	334	
Square feet	...	...	...	...	...	2,863
Total, Squares	...	...	...	...	...	28·62
Painting with 3 coats of zinc white paint.						
Glazed shutters for windows ...	2	...	...	96 0	192	
Court—						
Beams	2	21 0	...	3 6	147	
Joists	13	32 0	...	0 10	347	
Record and property room—						
Joists	32	10 1½	...	1 3	405	
Gumastahs' room—						
Beams	3	17 6	...	2 9½	147	
Joists	11	27 0	...	1 1	322	
Head clerk's room—						
Beams	1	17 6	...	2 10	50	
Joists	11	17 9	...	1 1	212	
Judge's retiring-room—						
Joists	11	11 6	...	1 4	169	
Vakils' room—						
Beams	2	17 6	...	2 9½	98	
Joists	11	16 6	...	1 1	197	
Nazarat establishment—						
Beams	2	17 6	...	2 9½	98	
Joists	11	16 6	...	1 1	197	
Verandah—						
Beams	4	12 0	...	1 6	72	
Joists	126	9 0	...	1 1	1,454	
Do. at angles	...	203 0	...	1 1		
Square feet	...	...	...	...	...	4,107
Total, Squares	...	...	...	...	...	41·07
Punkah, 10 feet long	...	1 in number.			...	...

ESTIMATE FORM.—Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		Rs.		Rs.	Rs.
14,982 C. ft.	Excavation for foundations		1,000 C. ft.		
4,648 „	Concrete in do.		100 „		
4,678 „	Brickwork in do.		100 „		
2,396 „	Do. in basement		100 „		
11,867 „	Do. in superstructure		100 „		
5,698 „	Filling in basement		1,000 „		
754 „	Archwork		100 „		
125 „	Stonework, dressed		C. ft.		
500 „	Teak-wood wrought and put up		„		

Estimate Form—Abstract—*cont.*

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		Rs.		Rs.	Rs.
608 Sq. ft.	Venetian and panel doors with frames ...		Sq. ft.		
160 „	Panelled doors with frames		„		
96 „	Venetian windows with frames, iron bars and inner glazed shutters		„		
167 „	Ventilators with fixed glazed sashes and wire netting across		„		
41·76 Sqrs.	Terraced roofing		Sqr.		
33·90 „	Flooring basement with 9-inch square bricks over concrete 6-inches thick		„		
4·02 „	Paving door pieces with 9-inch square bricks.		„		
3·92 „	Flooring with asphalte ½ inch thick over a bed of concrete 6-inches thick		„		
80·77 „	Plastering interior		„		
125·41 „	Pointing exterior		„		
25 L. ft.	Railing for dais		L. ft.		
28·62 Sqrs.	Painting doors and windows with 3 coats of Carson's oak paint		Sqr.		
41·07 „	Painting glazed shutters and roof timbers with 3 coats of zinc white paint		„		
1 in No.	Punkah, 10 feet long		Each.		
	Petty supervision		...		
	Contingencies		...		

MADRAS,
19th July 1887.

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

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ESTIMATE FORM.

DETAIL MEASUREMENTS.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work
Court-house. *Design Nos.* 1 *and* 2.						
Excavation for foundations—						
Court-room walls	...	131 6	5 9	4 6		
Property-room walls ...	...	53 7½	5 9	4 6		
Record-room do. ...	...	18 0	5 9	4 6		
Head Clerk's and Gumastahs' rooms	...	120 0	5 9	4 6	11,453	
Judge's retiring, Vakils' room, &c.	...	120 0	5 9	4 6		
Partitions in do. ...	3	14 0	5 3	4 6	992	
Verandah in front of court-room	...	53 10	6 6½	4 6	1,584	
Verandah in front	2	62 3	5 9	4 6	6,275	
Do. do.	2	54 3	5 9	4 6		
Do. partitions ...	2	4 6	5 9	4 6	213	
Do. do.	2	4 6	5 3	4 6		
Steps	...	25 0	4 0	2 0	752	
Do.	4	12 6	4 0	2 0		
Do.	2	9 6	4 0	2 0	21	
Do.	1	3 6	3 0	2 0		
				Cubic Feet ...	21,290	
Concrete—						
Court-room walls	...	131 6	4 9	1 6	1,458	
Property-room walls ...	...	54 7½	4 9	1 6		
Record-room	...	19 0	4 9	1 6		
Head Clerk's and Gumastahs' room	...	121 0	4 9	1 6	1,724	
Judge's retiring, Vakils' room, &c.	...	121 0	4 9	1 6		
Partitions for do. ...	3	15 0	4 3	1 6	287	
Verandah in front of court-room	...	52 10	5 6½	4 6	439	
Verandah in front	2	63 3	4 9	1 6	1,771	
Do. in back	2	55 6	4 9	1 6		
Do. in partitions ...	2	5 6	4 9	1 6	79	
Do. in do. ...	2	5 6	4 3	1 6		
Steps	1	25 0	4 0	1 6	564	
Do.	4	12 6	4 0	1 6		
Do.	2	9 6	4 0	1 6	16	
Do.	1	3 6	3 0	1 6		
				Cubic Feet ...	6,329	
Brickwork in foundations—						
Footings—						
Court-room walls	...	131 0	2 9	1 6	1,875	
Property-room walls ...	...	56 7½	2 9	1 6		
Record-room do. ...	...	21 0	2 9	1 6		
Head Clerk's and Gumastahs' room	1	123 0	2 9	1 6		
Judge's retiring, Vakils' room, &c.	1	123 0	2 9	1 6		

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Brickwork in foundations—Footings—*cont.*						
Partitions	3	17 0	2 3	1 6	172	
Verandah in front of court-room, under pillars ...	...	50 10	3 6½	1 6	270	
Verandahs, front	2	65 3	2 9	1 6		
Do. back	2	57 6	2 9	1 6	1,075	
Do. partitions ...	2	7 6	2 9	1 6		
Do. do. ...	2	7 6	2 3	1 6	51	
Above footings to ground-level—Court-room walls	...	131 0	1 9	1 6	344	
Do. corner pilasters.	2	3 9	0 3	1 6	3	
Property-room do. ...	...	57 7½	1 9	1 6		
Record-room do. ...	...	22 0	1 9	1 6		
Head Clerk's and Gumastahs' room	...	124 0	1 9	1 6	860	
Judge's retiring, Vakils' room, &c.	...	124 0	1 9	1 6		
Partitions	3	18 0	1 3	1 6	101	
Verandah in front of court-room	...	49 10	2 8	1 6	199	
Extra under columns ...	3	3 0	0 7½	1 7½		
Do. do. corners.	2	5 4½	0 7½	1 7½	20	
Verandah, front	2	66 3	1 9	1 6		
Do. back	2	58 6	1 9	1 6		
Do. partitions ...	2	8 6	1 9	1 6	700	
Do. do. ...	2	8 6	1 9	1 6		
Plinth, extra thickness ...	...	355 0	1 3	1 6	32	
Steps	1	25 0	0 2	1 6	89	
Do.	4	12 6	4 0	0 6		
Do.	2	9 6	4 0	0 6	188	
Do.	1	3 6	3 0	0 6	5	
				Cubic Feet ...	5,984	
Brickwork in basement—Court-room walls	...	131 0	1 9	2 0		
Do. corner pilasters.	2	3 9	0 3	2 0	459	
Property-room walls ...	...	57 7½	1 9	2 0	4	
Record-room walls ...	...	22 0	1 9	2 0		
Head Clerk's and Gumastahs' room	...	124 0	1 9	2 0	1,147	
Judge's retiring, Vakils' room, &c.	...	124 0	1 9	2 0		
Partitions	3	18 0	1 3	2 0	135	
Verandah in front of court-room	...	49 10	2 8	0 6	66	
Do. do. ...	...	49 6	2 6	1 0	124	
Extra under columns ...	3	3 0	2 9	0 6	69	
Do. do. corners.	2	5 4½	0 7½	2 0		
Verandah, front	2	66 3	1 9	2 0	24	
Do. back	2	58 6	1 9	2 0		
Do. partitions ...	2	8 6	1 9	2 0		
Do. do. ...	2	8 6	1 9	2 0	933	
Plinth, extra thickness ...	...	355 0	1 3	2 0		
Do. do. ...	...	355 0	0 2	0 6	43	
Dais walls	...	23 6	0 3	0 6	30	
Do. steps	2	3 0	1 3	2 0	44	
			4 0	2 0	59	
					48	

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ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Brickwork in basement—*cont.*						
Steps		94 0	4 0	0 6	188	
Do.		82 0	3 0	0 6	123	
Do.		70 0	2 0	0 6	70	
Do.		60 0	1 0	0 6	30	
Do.					11	
Do. to W. C.	1	3 6	2 0	1 6		3,607
Deduct—						
Stone in steps as per details. ...		...	...	...	228	
Do. in plinth		...	...	...	278	506
				Cubic Feet ...		3,101
Brickwork in superstructure—Court-house walls	...	131 0	1 9	25 6	5,846	
Do. corner pilasters.	2	3 9	0 3	25 6	48	
Do. coping		133 0	2 3	1 0	299	
Property-room walls		57 7½	1 9	14 0	1,412	
Do. coping		58 7½	2 3	0 9	99	
Record-room walls		22 0	1 9	18 3	703	
Do. coping		22 6	2 3	0 9	38	
Head Clerk's and Gumastah's room	...	124 0	1 9	18 3		9,645
Judge's retiring, Vakils' room, &c.	...	124 0	1 9	18 3		
Partitions	3	18 0	1 9	18 3	422	
Coping for do.	2	125 0	2 3	0 9		
Verandah in front of court-room	...	...	...	...		...
Pillars, base	3	3 0	3 0	0 6	14	
Do. do.	3	2 0	0 1½	0 6	1	
Do. do.	3	2 9½	2 9½	1 0	23	
Do. do.	3	1 9½	0 1½	1 0	1	
Do. do.	3	2 0	2 0	0 6	6	
Do. do.	3	1 0	0 1½	0 6	1	
Do. shafts	3	1 9	1 9	6 7½	61	
Do. do.	3	0 9	0 1½	6 7½	1	
Capitals	3	2 3	2 3	1 1½	11	
Do.	3	1 3	0 3	1 1½	2	
Do.	3	3 0	3 0	0 6	14	
Corner pillars	...	...	...	...		
Bases	2	4 3	3 1½	0 6	13	
Do.	2	4 0½	2 11	1 0	24	
Do.	2	3 3	2 1½	0 6	2	
Shafts	2	3 0	1 10½	6 7½	75	
Capitals	2	3 6	2 4½	1 1½	18	
Do.	2	4 3	3 0	0 6	13	
Returns, bases	2	1 1½	3 0	0 6	3	
Do. do.	2	1 1½	2 9½	1 0	6	
Do. do.	2	1 1½	2 0	0 6	2	
Do. shafts	2	1 1½	1 9	6 7½	26	
Capitals	2	1 1½	2 3	1 1½	6	
Do.	2	1 1½	3 0	0 6	3	
Over pillars	1	46 0	1 9	10 0		844
Do. returns ...	2	1 1½	1 9	10 0		
Pilasters	3	0 9	0 1½	10 0		15
Do. at corners	2	5 0½	0 1½	10 0		
Verandah at sides	2	27 1½	1 9	20 3		1,922

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Brickwork in superstructure—*cont.*						
Coping	1	47 0	2 4½	1 0	112	
Do.	2	28 3	2 3	1 0	127	
Verandahs	2	48 3	1 9	14 0	5,231	
Do. back	2	58 6	1 9	14 0		
Coping		215 6	2 3	0 9	364	
Dais walls		23 6	1 3	2 6	73	
Do. steps	2	4 0	2 0	1 6	24	
						27,555
Deductions—						
Court-room doors	8	5 0	1 9	9 0	630	
NOTE.—The semi-circular head is not deducted, the extra work allowed to cover cost of mullions to fix terracotta panels.						
Property-room door ...	1	3 10	1 9	7 6	50	
Doors in Gumastahs' retiring room, &c.	15	4 6	1 9	8 6	1,004	
Do. and lamp-room ...	3	4 6	1 8	8 6	143	
Door for W. C.	1	3 6	1 9	7 0	43	
Glazed head to do. ...	1	5 0	Area.	1 9	9	
Retiring-room door ...	1	3 0	1 9	7 0	37	
Do.	1	3 0	1 9	8 6	45	
Do. windows ...	6	3 0	1 9	5 0	158	
Gumastahs' and Nazarat establishment	4	2 6	1 9	5 0	88	
Record-room window ...	1	3 0	1 9	7 6	39	
Ventilators in court-room ...	16	3 6	1 9	2 7½	257	
Ventilators in Gumastahs' room, &c.	18	4 0	1 9	1 7½	205	
Ventilators in property and record-room	4	3 6	1 9	1 4½	34	
Ventilators in W. C. ...	1	3 6	1 8	1 4½	6	
Archways in verandah square portion	4	6 6	1 9	10 3	466	
Semi-circular heads to do. ...	4	14 0	Area.	1 9	98	
Archways, square portion ...	21	6 6	1 9	7 0	1,673	
Do. semi-circular heads	21	14 0	Area.	1 9	574	
Do. in front of court-room	4	8 6	Area.	1 9		
NOTE.—Only half the area of these four arched openings is deducted, the other half allowed to cover cost of cusping.						
Archwork as per details		...	...	...	1,384	
						6,943
				Cubic Feet ...		20,612
Earthfilling in basement—						
Court-room		40 0	22 0	1 6	1,320	
Property-room		22 0	10 1½	1 6	488	
Record-room		10 1½	10 1½	1 6		
Gumastahs' room, &c.		98 9	18 0	1 6	2,666	
Verandahs		42 6	7 1½	1 6	454	
Do.		211 0	8 6	1 6	2,690	
				Cubic Feet ...	7,618	

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ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Archwork—						
Over court-room doors ...	8	11 0	1 9	1 3	383	
Property-room door ...	1	4 9	1 9	1 3		
Doors in Gumastahs' and retiring-rooms	15	5 6	1 9	1 3		
Doors in lamp-room ...	3	5 6	1 3	1 3	26	
Doors for W.C.	1	3 0	1 9	1 3	88	
Retiring-room doors ...	2	4 0	1 9	1 3		
Do. windows ...	6	4 0	1 9	1 3		
Gumastahs' and Nazarat establishment do. ...	4	6 0	1 9	0 9	32	
Record-room windows ...	1	4 0	1 9	1 3	9	
Court-room ventilators ...	16	4 3	1 9	0 9	222	
Gumastahs' room, &c., do....	18	4 9	1 9	0 9		
Property and record-room, do.	4	4 0	1 9	0 9		
Property and W.C. ...	1	4 0	1 3	0 9	4	
Verandah arches	4	14 6	1 9	1 6	152	
Do.	25	11 0	1 1½	0 4½	116	
Do.	25	12 6	1 6	0 9	352	
				Cubic Feet ...	1,384	
Archwork for roof over stone beams—						
Court verandah	4	11 6	8 0	0 9	276	
Verandah	17	10 9	8 6	0 9	1,165	
Do.	2	12 0	8 6	0 9	153	
Do.	3	9 0	8 6	0 9	172	
Property-room arches ...	3	7 6	10 1½	0 9	254	
Record-room	1	11 9	10 1½	0 9		
				Cubic Feet ...	2,020	
Cut-stone work in basement and steps—						
Course over ground and top of plinth	...	711 0	1 0	0 6	356	
Steps		365 0	1 3	0 6	228	
				Cubic Feet ...	584	
Cut-stone work moulded—						
Corbels for court-room doors	16	1 0	0 4½	0 9	5	
Corbels for arches in verandah	50	1 3	1 3	0 9	59	
Corbels under stone beam ...	82	1 9	0 10	1 1½	135	
Corbels under heading court room verandah ...	11	0 8	2 0	1 1	16	
Corbels above	25	1 0	3 0	1 1½	84	
Other verandahs, &c.—						
Corbels under hooding ...	93	0 7	1 3	0 10½	77	
Court-room, upper part ...	26	0 7½	1 3	0 10½		
Do. above	26	0 11	2 6	1 0	60	
Do.	113	0 10	2 3	0 10½	185	
Stone terminals over court-room	4	2 0	2 0	0 9½	13	
Do. do. ...	4	1 3	1 3	1 0	6	
Do. do. ...	4	0 9	0 9	1 6	3	

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Other verandahs, &c.—*cont.*						
Stone terminals over verandah, &c.	47	1 6	1 6	0 9½	84	
Do. do. ...	47	1 0	1 0	0 9	35	
Do. do. ...	47	0 8	0 8	1 1	23	
				Cubic Feet ...	785	
Stone joists—						
Court-house verandah ...	3	9 9	0 10	1 3		
Do. do. ...	2	13 0	0 10	1 3	461	
Do. do. ...	30	10 6	0 10	1 3		
Do. do. ...	6	12 0	0 10	1 3		
Do. do. ...		112 0	0 9	1 0	84	
To support hoodings ...	...	140 0	0 8	0 10½	82	
Do. do. ...	...	556 0	0 7½	0 9	261	
Do. do. ...	...					
				Cubic Feet ...	888	
Stone under iron joists—	66	1 6	1 0	1 0	99	Cubic feet.
Cuddapah slabs for hooding—						
Court-room verandah		113 0	...	6 0	678	
Do. do.		160 0	...	5 6	880	
Other verandahs and rooms. ...		620 0	...	5 0	3,100	
				Square Feet ...	4,658	
Doors and windows, venetian and panel, with frames—						
Court-room doors ...	8	5 0	...	9 0	360	
Doors in Gumastahs, &c., room	18	4 0	...	8 6	612	
Do. in W. C. with glazed head	1	3 6	...	9 6	33	
Retiring-room door ...	1	3 0	...	8 6	26	
Do.	1	3 0	...	7 0	21	
Do. and lamp-room windows... ...	3	3 0	...	5 0	45	
Gumastahs' and Nazarat rooms do.	4	2 6	...	5 0	50	
				Square Feet ...	1,147	
Panelled door with frame and iron-railed shutters for property room	1	8 10	...	7 6	29	Square Feet.
Windows with frames and iron bars—						
Record-room	1	3 0	...	7 6	23	
Property-room	3	3 0	...	5 0	45	
				Square Feet ...	68	
Glazed shutters without frames for windows in Gumastahs' and Nazarat room ...	4	2 1	...	4 7	38	
For property-room	3	2 6	...	4 6	34	
				Square Feet ...	72	

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Ventilators, glazed with frames—						
Court-room ventilators .. (Only glazed portion, the rest taken as terracotta)	16	3 6	...	1 5	79	
Gumastahs, &c., rooms ...	18	4 0	...	1 7½	117	
				Square Feet ...	196	
Terracotta panels—						
For court-room doors ...	24	1 3	...	1 3	38	
Do. do. ...	8	1 3	...	1 7	18	
Do. do. ...	16	1 0	...	1 0	16	
For ventilators	15	1 0	...	1 0	15	
				Square Feet ...	87	
Terracotta insertions in piers, &c	28	9 7½	...	...	270	
				Lineal feet ...	270	
Circular terracotta ornaments for doors and windows—						
Court-room doors	..	...	...	...	32	
Gumastahs' and nazarat room windows	...	...	...	...	8	
				Number ...	40	
Wooden railing for dais—				Lineal Feet ...	36	
Rolled iron joists—						
For court-room 10″ × 6″ ...	9	25 0	×	43	9,675	
For gumastahs', &c., rooms, 8″ × 6″	24	20 6	×	34	16,728	
				lb ...	26,403	
				Tons ...		11.79
Wrought iron work—						
Ties 1½″ × ¾″ flat iron for court-room.	3	42 0	= 126			
Ties, gumastahs' room, &c.	3	104 0	= 312			
			438	×	1·87	= 819 lb.
Arched roofing over rolled iron joists—						
Court-room	..	40 0	...	30 0	1,200	
Gumastahs' rooms, &c. ...	...	103 0	...	18 0	1,854	
				Square Feet ...	3,054	
				Squares ...		30·54

ESTIMATE FORM—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Laying concrete backing to arched roofing over stone joists and one course of flat tiles over—						
Court-house verandah	...	42 6	...	8 0	340	
Do do. ...	2	20 6	...	8 6	349	
Verandahs	2	38 0	...	8 6	646	
Do.	2	48 3	...	8 6	820	
Record-room	1	10 1½	...	10 1½	325	
Property-room	1	22 0	...	10 1½		
	...	...	Square Feet ...		2,480	
	...	...		Squares ...		24·80
Flooring with stone slabs—						
Court-room		40 0	...	22 0	880	
Property-room		22 0	...	10 1½	325	
Record-room		10 1½	...	10 1½		
Gumastahs' rooms, &c.		98 9	...	18 0	1,778	
Verandahs		42 6	...	7 1½	303	
Do.	2	20 6	...	8 6	349	
Do.	2	38 0	...	8 6	646	
Do.		48 3	...	8 6	410	
Do.		45 9	...	8 6	389	
Door pieces	8	5 0	...	1 4	53	
Do.	1	3 10	...	1 3	5	
Do.	15	4 0	...	1 4	80	
Do.	3	4 0	...	0 10	10	
Do.	2	3 0	...	1 4	8	
Do.	1	3 6	...	1 4	5	
Archways	25	6 6	...	1 6	244	
Do.	4	7 5½	...	2 4½	71	
			Square Feet ...		5,556	
				Squares ...		55·56
Plastering interior and over arched roofing—						
Court-room		124 0	...	24 6	3,038	
Property-room		64 3	...	13 0	835	
Record-room		40 6	...	17 3	699	
Gumastahs' room, &c.		377 6	...	17 3	6,512	
Lamp room and W. C. ...	2	34 0	...	13 0	884	
Over arched roofing on stone joists.		...	...	...	2,480	
Coping interior		603 0	...	2 10	1,709	
Do.		47 0	...	3 1½	147	
Ceilings of roof over stone joists		39 6	...	7 9	306	
Do. do.		211 0	...	8 6	1,794	
Do. do.		20 0	...	10 1½	294	
		9 0	...	10 1½		
			Square Feet ...		18,698	
				Squares ...		187

NOTE.—No deduction made for apertures and no allowance for jambs and soffits.

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ESTIMATE FORM—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Pointing exterior—						
Court-room verandah interior		166 6	...	19 3	3,205	
Court-room exterior		86 9	...	24 0	2,064	
Do. do. ...	2	16 6	...	6 3	131	
Do. clear-story		138 0	...	7 0	966	
Record-room	1	15 0	...	21 9	326	
Do.	1	10 6	...	4 3	45	
Verandahs	2	113 6	...	13 0	5,369	
Do.	2	93 0	...	13 0		
Do. exterior		221 6	...	17 6	4,585	
Property-room exterior		40 6	...	17 6		
Ends of rooms	2	28 0	...	21 9	1,218	
Clear-story		200 0	...	6 3	1,250	
Sides and soffits of arches ...	21	25 6	...	1 9	1,161	
Do. do. ...	4	32 0	...	1 9		
Do. do. ...	4	56 6	...	1 10½	274	20,594
Deduct archways—						
Verandah in front of court-room	8	7 9	...	2 0	124	
Do. do. ...	8	8 8½	...	6 7½	460	
Do. do. ...	8	8 0	...	1 7½	104	
Verandah in semi-circular portion	8	8 6	area	...	68	
Archways square portion ...	8	6 6	...	10 3	533	
Do. do. ...	42	6 6	...	7 0	1,911	
Do. semi-circular portion.	50	14 0	area	...	700	
Doors	6	5 0	...	9 0	270	
Do. semi-circular heads ...	6	2 2	area	...	59	
... ...	16	4 0	...	8 6	544	
Do.	1	3 0	...	8 6	26	
Do.	1	3 6	...	7 0	25	
Windows	1	5 0	area	...	5	
Do.	6	3 0	...	5 0	90	
Ventilators	4	2 6	...	5 0	50	
Do.	16	3 6	...	2 6	140	
Do.	18	4 0	...	1 6	108	
	5	3 6	...	1 3	22	
						5,239
			Square Feet ...		15,355	
				Squares ...		153·55
Painting with 3 coats of Carson's Paint—						
Doors, venetian and panel ...	3	1147 0	...	...	3,441	
Do. with iron railed shutters	4	29 0	...	...	116	
Windows with iron bars ...	4	68 0	...	...	272	
Glazed shutters	2	38 0	...	...	76	
Ventilators	...	...	...	...	196	
Iron joists for court-room ...	...	225 0	...	3 6	788	
Do. for gumastahs' room, &c.	...	624 0	...	3 2	1,976	
			Square Feet ...		6,865	
				Squares ...		68·65

ESTIMATE FORM.

Abstract.

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
		Rs.		Rs.	Rs.
21,290 cubic feet.	Excavation for foundations ...				
6,329 "	Concrete in foundations				
5,984 "	Brickwork in foundations				
3,101 "	Do. in basement				
20,612 "	Do. in superstructure ...				
7,618 "	Earth-filling in basement				
1,384 "	Archwork				
2,020 "	Archwork for roof				
784 "	Cutstone work in basement and steps.				
785 "	Do. moulded for corbels terminals				
888 "	Stone joists, &c.				
99 "	Stone under iron joists				
4,658 square feet	Cuddapah slabs for hooding ...				
1,147 "	Venetian and panel doors and windows with frames				
29 "	Panelled door with frame and iron railed shutters for property-room.				
63 "	Windows with frames and iron bars for record-room				
72 "	Glazed shutters without frames ...				
196 "	Ventilators with glass				
87 "	Terracotta panels				
270 l. feet.	Do. insertions in piers ...				
40 No.	Circular terracotta ornaments for doors and windows				
36 l. feet.	Railing for dais				
11·79 tons.	Rolled iron joists fixed				
819 lb.	Wrought-iron in ties				
30·54 squares.	Arched roofing over rolled iron joists including plastering of top and ceiling				
24·80 "	Laying concrete backing to arched roofing over stone joists and one course of flat tiles over				
55·56 "	Flooring with stone slabs over a 4-inch bed of concrete				
187 "	Plastering interior				
153·55 "	Pointing exterior				
98·65	Painting with 3 coats of Carson's Paint				
1 No.	Punkah complete				
	Contingencies at 5 per cent. ...				
	Grand Total of Estimate ...				

Madras,
4th October 1884.

(Signed) J. L. L. MORANT, Major, R.E.,
Offg. Consulting Architect to Government.

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ESTIMATE FORM.

Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house.						
Alternative design No. 3.						
Excavation for foundations—						
Court-room walls	...	131 0	5 9	4 6		
Property-room walls ...	...	49 6	5 9	4 6		
Record-room	...	24 9	5 9	4 6	11,521	
Gumastahs' and Head Clerk's rooms	...	120 0	5 9	4 6		
Judge's retiring, Vakils' room, &c.	...	120 0	5 9	4 6	992	
Partitions for do. do.	3	14 0	5 3	4 6	1,585	
Verandah in front of court-room under pillars ...	...	53 10	6 6½	4 6		
Verandahs	1	62 3	5 9	4 6		
Do.	1	52 6	5 9	4 6	5,906	
Do. back	2	54 6	5 9	4 6		
Do. partitions ...	1	4 6	5 9	4 6	213	
Do. do.	2	4 6	5 3	4 6		
Steps	1	25 0	4 0	2 0		
Do.	4	42 6	4 0	2 0	752	
Do.	2	9 6	4 0	2 0		
Do.	1	3 6	3 0	2 0	21	
				Cubic Feet ...	20,990	
Concrete—						
Court-room walls	...	131 0	4 9	1 6		
Property-room walls ...	...	50 6	4 9	1 6		
Record-room do. ...	...	25 9	4 9	1 6	3,201	
Gumastahs' and Head Clerk's rooms	...	121 0	4 9	1 6		
Judges' retiring, Vakils' room, &c.	...	121 0	4 9	1 6	321	
Do. partitions ...	3	15 0	4 9	1 6	439	
Verandah in front of court-room	...	52 10	5 6½	1 6		
Verandahs, front	1	63 3	4 9	1 6		
Do. do.	1	53 6	4 9	1 6	1,662	
Do. back	2	55 6	4 9	1 6		
Do. partitions ...	1	5 6	4 9	1 6	70	
Do. do. ...	2	5 6	4 3	1 6		
Steps	1	25 0	4 0	1 6		
Do.	4	12 6	4 0	1 6	564	
Do.	2	9 6	4 0	1 6		
Do.	1	3 6	3 0	1 6	18	
				Cubic Feet ...	6,273	
Brick work in foundations—						
Footings—						
Court-room walls	...	131 0	2 9	1 6		
Property-room walls ...	...	52 6	2 9	1 6		
Record-room do. ...	...	27 9	2 9	1 6	1,686	
Gumastahs' and Head Clerk's room	...	123 0	2 9	1 6		
Judge's retiring, Vakils' room, &c.	...	123 0	2 9	1 6	172	
Do. partitions ...	3	17 0	2 3	1 6		

ESTIMATE FORM—Detail Measurements.—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Brick work in foundations—Footings—						
Verandah in front of court-room	...	50 10	3 6½	1 6	270	
Verandahs	1	65 3	2 9	1 6		
Do.	1	55 6	2 9	1 6	1,003	
Do. back	2	57 6	2 9	1 6		
Do. partitions ...	1	7 6	2 9	1 6		
Do. do. ...	2	7 6	2 3	1 6	51	
Above footings to ground-level—Court-room walls ...	...	131 0	1 9	1 6	344	
Do. corner pilasters	2	3 9	0 3	1 6	3	
Property-room walls ...	...	53 6	1 9	1 6		
Record-room do. ...	...	28 9	1 9	1 6		
Gumastahs' and Head Clerk's room	...	124 0	1 9	1 6	867	
Judges' retiring, Vakils' room, &c.	...	124 0	1 9	1 6		
Do. partitions ..	3	18 0	1 3	1 6	101	
Verandah in front of court-room	...	49 10	2 8	1 6	199	
Extra under columns ...	3	3 0	0 7½	1 7½	20	
Do. corners ...	2	5 4½	0 7½	1 7½		
Verandahs, front	1	66 3	1 9	1 6		
Do. do.	1	56 6	1 9	1 6	652	
Do. back	2	58 6	1 9	1 6		
Do. partitions ...	1	8 6	1 9	1 6	32	
Do. do. ...	2	8 6	1 3	1 6	88	
Plinth, extra thickness ...	...	350 0	0 2	1 6		
Above footings to ground-level—Steps	1	25 0	4 0	0 6	188	
Do.	4	12 6	4 0	0 6		
Do.	2	9 6	4 0	0 6	5	
Do.	1	3 6	3 0	0 6		
			Cubic Feet ...		5,881	
Brickwork in basement—Court-room walls	...	131 0	1 9	2 0	459	
Do. corner pilasters.	2	3 9	0 3	2 0	4	
Property-room walls ...	...	53 6	1 9	2 0		
Record-room do. ...	...	28 9	1 9	2 0		
Gumastahs' and Head Clerk's room	...	124 0	1 9	2 0	1,156	
Judge's retiring, Vakils' room, &c.	...	124 0	1 9	2 0		
Do. partitions ...	3	18 0	1 3	2 0	135	
Verandah in front of court.	...	49 10	2 8	0 6	66	
Do. do. ...	...	49 6	2 6	1 0	124	
Do. do. ...	...	50 0	2 9	0 6	69	
Do. extra under columns ...	3	3 0	0 7½	2 0	24	
Do. do. at corners.	2	5 4½	0 7½	2 0		
Do. front	1	66 3	1 9	2 0		
Do. do. ...	1	56 6	1 9	2 0	869	
Do. back ...	2	58 6	1 9	2 0		
Do. partitions ...	1	8 6	1 9	2 0		
Do. do. ...	2	8 6	1 3	2 0	43	
Plinth, extra thickness ...	...	350 0	0 2	0 6	29	
Do. do. ...	...	350 0	0 3	0 6	44	

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ESTIMATE FORM—Measurements.—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Brickwork in basement—*cont.*						
Dais walls		23 6	1 3	2 0	59	
Do. steps	2	3 0	4 0	2 0	48	
Steps		94 0	4 0	0 6	188	
Do.		82 0	3 0	0 6	123	
Do.		70 0	2 0	0 6	70	
Do.		60 0	1 0	0 6	30	
Do. to W. C. ...	1	3 6	2 0	1 6	11	
					228	3,551
Deduct—Stone in steps as per details.	...	...	...	...	262	490
Do. in plinth ..	...	...	...	...		
			Cubic Feet ...			3,061
Brickwork in superstructure—Court-house walls	...	131 0	1 9	25 6	5,846	
Do. corner pilasters ...	2	3 9	0 3	25 6	48	
Property-room walls ...	...	53 6	1 9	18 3		
Record do. ...	...	28 9	1 9	18 3		
Gumastahs' and Head Clerk's room walls	...	124 0	1 9	18 3	10,547	
Judge's retiring, Vakils' room, &c.	...	124 0	1 9	18 3		
Do. partitions	3	18 0	1 3	18 3	1,232	
Coping over court-room ...	...	133 0	2 3	1 0	299	
Do. over property Gumastahs, Judges' retiring room, &c.	...	333 9	2 3	0 9	563	
Verandah in front of court-room	...	...	...	...	...	
Pillars base	3	3 0	3 6	0 6	9	
Do. do.	3	2 0	0 1½	0 6	1	
Do. do.	3	2 9½	2 9½	1 0	23	
Do. do.	3	1 9½	0 1½	1 0	1	
Do. do.	3	2 0	2 6	0 6	6	
Do. do.	3	1 0	0 1½	0 6	1	
Shafts	3	1 9	1 9	6 7½	61	
Do.	3	0 3	0 1½	6 7½	3	
Capitals	3	2 3	2 3	1 1½	17	
Do.	3	1 3	0 3	1 1½	2	
Do.	3	3 6	3 0	0 6	14	
Corner pillars bases ...	3	4 3	3 1½	0 6	13	
Bases	2	4 0½	2 11	1 0	24	
Do.	2	3 3	2 1½	0 6	2	
Shafts	2	3 0	1 10½	6 7½	15	
Capitals	2	3 6	2 4½	1 1½	18	
Do.	2	4 3	3 0	0 6	13	
Returns, bases	2	1 1½	3 0	0 6	3	
Do. do.	2	1 1½	2 9½	1 0	6	
Do. do.	2	1 1½	2 0	0 6	2	
Do. shafts	2	1 1½	1 9	6 7½	26	
Do. capitals	2	1 1½	2 3	1 1½	6	
Do. do.	2	1 1½	3 0	0 6	3	
Over pillars	1	48 0	1 9	10 0	844	
Do. returns	2	1 1½	1 9	10 0		
Pilasters	3	0 9	1 1½	10 0	25	
Do. at corners	2	5 0½	1 1½	10 0	111	
Do. at sides	1	27 1½	1 9	20 3	1,382	
Do. do.	1	11 10½	1 9	20 3		

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Brickwork in superstructure—*cont.*						
Pilasters coping	1	47 0	2 4½	1 0	112	
Do. do. sides ...	1	28 3	2 3	1 0	93	
Do. do.	1	13 0	2 3	1 0		
Verandahs	1	48 3	1 9	14 0	5,108	
Do.	1	43 3	1 9	14 0		
Do. back	2	58 6	1 9	14 0		
Coping over back		210 6	1 9	0 9	276	
Dais walls		23 6	1 3	2 6	73	
Do. steps	2	4 0	2 0	1 6	24	
Deductions—						
Court-room doors	6	5 0	1 9	9 0	520	
Do.	1	3 0	1 9	9 0		
NOTE—The semi-circular head is not deducted, the extra work allowed to cover cost of mullions to fix terracotta pannels.						
Property-room door ...	1	3 10	1 9	7 6	50	
Doors in Gumastahs', Judges' retiring room, &c. ...	14	4 6	1 9	8 6	937	
Doors and lamp-room ...	2	4 6	1 3	8 6	96	
Door for W. C.	1	3 6	1 9	7 0	43	
Head for W. C.	1	5 0	Area	1 9	9	
Retiring-room door ...	1	3 0	1 9	7 0	37	
Do. do.	1	3 0	1 9	8 6	45	
Retiring and lamp-room windows	3	3 0	1 9	5 0	79	
Record-room windows ...	2	2 6	1 9	10 0	88	
Gumastah's and Nazarat establishment windows ...	4	2 6	1 9	5 0	88	
Ventilators in court-room ...	16	3 6	1 9	2 7½	257	
Ventilators in Gumastah's, Judge's and retiring room, &c.	18	4 0	1 9	1 7½	316	
Ventilators, property-room...	8	4 0	1 9	1 7½		
Do. record-room ...	2	3 6	1 9	1 7½		
Do. W. C. ...	1	3 6	1 3	1 4½	6	
Archways in verandah square portion	19	6 6	1 9	7 0	1,565	
Do. do.	1	4 3	1 9	7 0		
Do. do.	3	6 6	1 9	10 3	396	
Do. do.	1	2 7½	1 9	10 3		
Archways semi-circular heads	22	14 0	Area	1 9	612	
Do. do.	1	5 0	„	1 9		
Do. do.	1	2 9	„	1 9		
Do. do. in front of court-room	4	8 6	„	1 9		
NOTE—Only half the area of these four arched heads is deducted, the other half allowed to cover cost of cusping.						
Archwork as per details		...	...	...	1,295	6,440
				Cubic Feet ...		20,480
Earthfilling—						
Court-room		40 0	22 0	1 6	1,320	

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Earthfilling—*cont.*						
Property-room		22 0	14 0	1 6	462	
Record-room		13 6	13 6	1 6	273	
Gumastah's room, &c.		98 9	18 0	1 6	2,666	
Verandah		42 6	7 1½	1 6	454	
Do.		190 9	8 6	1 6	2,432	
				Cubic Feet ...	7,607	
Archwork—						
Over court-room doors ...	6	11 0	1 9	1 3	323	
Property-room door ...	1	4 9	1 9	1 3		
Doors in Gumastahs' room, &c.	14	5 6	1 9	1 3	17	
Doors in Gumastah's room, &c.	2	5 6	1 3	1 3		
Door for W. C.	1	8 0	1 9	1 3	61	
Retiring-room doors ...	2	4 0	1 9	1 3		
Do. and lamp-room windows.	3	4 0	1 9	0 9	32	
Gumastahs' and Nazarat room windows.	4	6 0	1 9	1 3	13	
Record-room and Nazarat room windows.	2	3 0	1 9	0 9		
Ventilators in court-room ...	16	4 3	1 9	0 9	255	
Do. in Gumastahs' room, &c.	18	4 9	1 9	0 9		
Ventilators in property-room	6	4 9	1 9	0 9	3	
Ventilators in record-room...	2	3 6	1 3	0 9		
Do. in W. C. ...	1	3 6	1 3	1 6	152	
Verandah arches	4	14 6	1 9	0 4½	102	
Do.	22	11 0	1 1½	0 9	309	
Verandah arches	22	12 6	1 6	0 9	4	
Verandah	1	9 6	1 1½	0 4½	12	
Do.	1	11 0	1 6	0 9	3	
Do.	1	7 6	1 1½	0 4½	10	
Do.	1	9 0	1 6	0 9		
				Cubic Feet...	1,296	
Archwork for roofs—						
Over stone beams		...	...	...	...	
Court verandah	4	11 6	6 0	0 9	276	
Verandahs	14	19 9	8 6	0 9	1,285	
Do.	2	12 0	8 6	0 9		
Do. lamp-room and W. C.	3	9 0	8 6			
Verandahs	1	7 0	8 6	0 9	77	
Do.	1	5 0	8 6	0 9		
				Cubic Feet ...	1,638	
Cut stone in basement and steps—						
Course over ground		315 0	1 0	0 6	158	
Do. at top of plinth		364 0	1 0	0 6	182	
Steps		365 0	1 8	0 6	228	
				Cubic Feet ...	568	
Cut-stone work moulded—						
Corbels for court-room doors	14	1 0	0 4½	0 9	4	
Do. for arches in verandahs.	48	1 3	1 3	0 9	56	

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Cus-stone work moulded—*cont.*						
Corbels under stone beams.	66	1 9	0 10	1 1½	108	
Do. under hooding ...	10	0 8	2 0	1 1	14	
Court-room verandah ...	22	1 0	3 0	1 1½	74	
Do. above	73	0 7	1 3	0 10½		
Other verandahs, &c., corbels under hoodings.	26	0 7½	1 3	0 10½	65	
Court-room, &c., corbels under hoodings.	26	0 11	2 6	1 0	60	
Do. do. ...	91	0 10	2 3	0 10½	150	
Do. do. ...	4	2 0	2 0	0 9½	13	
Stone terminals over court-room.	4	1 3	1 3	1 0	6	
Do. do. ...	4	0 9	0 9	1 6	3	
Do. do. ...	45	1 6	1 6	0 9¼	78	
Stone terminals over verandahs, &c.	45	1 0	1 0	0 9	34	
Do. do. ...	45	0 8	0 8	1 1	22	
Do. do. ...						
				Cubic Feet ...	687	
Stone in joists, &c.—						
Court-room verandah ...	3	9 9	0 10	1 3		
Do. at corners ...	2	13 0	0 10	1 3	364	
Other verandahs	28	10 6	0 10	1 3		
To support hoodings		93 0	0 9	1 0	70	
Do. do.		140 0	0 8	0 10½	82	
Do. do.		534 0	0 7½	0 9	250	
				Cubic Feet ...	766	
Stone under iron joists—.....	84	1 6	1 0	1 0	126	Cubic feet.
Cuddapah slabs for hooding—						
Court-room verandah		98 0	...	6 0	588	
Court-room		160 0	...	5 6	880	
Other verandahs and rooms. ...		496 0	...	5 0	2,480	
				Square Feet ...	3,948	
Doors and windows, venetian and panel with frames—						
Court-room doors	6	5 0	...	9 0	270	
Do. do.	1	3 0	...	9 0	27	
Doors in Gumastah's room, &c	16	4 0	...	8 6	544	
Doors for W. C. with glazed head.	1	3 6	...	9 6	33	
Retiring-room doors ...	1	3 0	...	7 0	21	
Do. do. ...	1	3 0	...	8 6	26	
Retiring and lamp-room windows.	3	3 0	...	5 0	45	
Gumastahs' and Nazarat room windows.	4	2 6	...	5 0	50	
				Square Feet ...	1,016	
Panel door with frames and iron railed shutter for property room—	1	3 10	...	7 6	29	Square feet.

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Windows with frames and iron-bars for record-room—	2	2 6	...	10 0	50	Square feet.
Glazed shutters without frames, windows for 'Gumastahs' and Nazarat establishment—	4	2 1	...	4 7	38	Square feet.
Ventilators glazed with frames—						
Court-room ventilators (only glazed portion, the rest taken as terracotta).	16	3 6	...	1 5	79	
Gumastahs', &c., rooms ...	26	4 0	...	1 7½	169	
				Square Feet ...	248	
Terracotta panels—						
For court-room doors ...	20	1 3	...	1 3	31	
Do. do. ...	7	1 3	...	1 7	14	
Do. do. ...	12	1 0	...	1 0	12	
Do. ventilators.	48	1 0	...	1 0	48	
For record-room and W. C. ventilators	9	1 0	...	1 0	9	
				Square Feet ...	114	
Terracotta insertions in piers—	26	9 7½	...	...	250	Lineal feet.
Circular terracotta ornaments for doors and windows—				38 in number.		
Wooden railing for dais—				36 lineal feet.		
				per foot lb.		
Rolled iron joists—						
For court-room ... 10″×6″	9	25 0	×	43 =	9,675	
For Gumastah's room, &c., ... 8″×6″	24	20 6	×	34 =	16,728	
For property-room 8″×5″	5	16 0	×	29 =	2,320	
,, record-room ... 8″×5″	4	15 6	×	29 =	1,798	
				lb.	30,521 Tons.	13·63
Wrought iron work—						
Ties 1½″×⅜″ flat iron for court-room	3	42 0	= 126			
For Gumastah's room, &c. ...	3	104 0	= 312			
,, property-room ...	2	24 0	= 48			
,, record-room	2	14 6	= 29			
			515	× 1·87	963	lb.
Arched roofing over rolled iron joists complete, including plastering of top and ceiling—						
Court-room	...	40 0	...	23 0	920	
Property-room	...	22 0	...	15 0	330	
Gumastah's room, &c. ...	...	103 0	...	18 0	1,854	
Record-room	...	14 6	...	13 6	196	
				Square Feet ...	3,300 Squares.	33

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Laying concrete backing to arched roofing over stone joists, and one course of flat tiles over—						
Court-house verandah	...	42 6	...	8 0	340	
Do. do.	...	20 6	...	8 6	174	
Do. do.	...	5 3	...	8 6	45	
Verandahs	...	38 0	...	8 6	323	
Do.	...	35 0	...	8 6	298	
Do.	...	48 3	...	8 6	820	
Do.	2					
			Square Feet ...		2,000	
					Squares.	20
Flooring with stone slabs—						
Court-room		40 0	...	22 0	880	
Property-room		14 0	...	22 0	308	
Record-room		13 6	...	13 6	182	
Gumastahs' room, &c.		98 9	...	18 0	1,778	
Verandahs		42 6	...	7 1½	303	
Do.		5 3	...	8 6	45	
Do.		20 6	...	8 6	174	
Do.		38 0	...	8 6	323	
Do.		33 0	...	8 6	281	
Do.		48 3	...	8 6	410	
Do.		45 9	...	8 6	389	
Door pieces	6	5 0	...	1 4	40	
Do.	1	3 0	...	1 4	4	
Do.	1	3 10	...	1 3	5	
Do.	14	4 0	...	1 4	75	
Do.	2	4 0	...	0 10	8	
Do.	1	3 6	...	1 4	5	
Do.	2	3 0	...	1 4	8	
Archways	21	6 6	...	1 6	205	
Do.	1	2 7½	...	1 6	4	
Do.	1	4 3	...	1 6	6	
Do.	4	7 5½	...	2 4½	71	
			Square Feet ...		5,504	
					Squares.	55·04
Plastering interior and over arched roofing—						
Court-room		124 0	...	24 6	3,038	
Property-room		72 0	...	17 3	} 8,685	
Judge's retiring room, &c.		377 6	...	17 3		
Record-room		54 0	...	17 3		
Lamp-room and W. C. ...	2	34 0	...	13 0	884	
Over arched roofing on stone joists		193 3	...	8 6	1,643	
Do. do.		42 3	...	7 9	327	
Coping interior		718 6	...	2 10	2,036	
Do.		47 0	...	3 1½	147	
Ceilings of roof over stone joists		39 6	...	7 9	306	
Do. do.		191 0	...	8 6	1,624	
			Square Feet ...		18,690	
					Squares.	186·90

NOTE.—No deduction made for apertures, and no allowance for jambs and soffits.

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Pointing exterior—						
Court-room verandah	...	110 6	...	19 3	2,127	
Do. exterior	...	81 0	...	24 0	1,944	
Do. do. ...	1	15 6	...	6 3	97	
Do. clear-story	..	138 0	...	7 0	966	
Record-room	...	10 0	...	21 0	210	
Do.	...	10 3	...	4 3	44	
Verandahs, interior	...	364 0	...	13 0	4,732	
Do. exterior ...	...	216 6	...	17 6	3,789	
Ends of rooms	2	28 0	...	21 9	1,218	
Property-room	...	39 6	...	21 9	858	
Clear-story	...	184 9	...	6 3	1,155	
Property-room, upper part.	2	7 0	...	4 3	60	
Sides and soffits of arch ...	19	25 6	...	1 9	848	
Do. do. ...	3	32 0	...	1 9	168	
Do. do. ...	1	22 0	...	1 9	39	
Do. do. ...	1	26 6	...	1 9	46	
Do. do. ...	4	36 6	...	1 10½	274	
						18,575
Deduct—						
Archways	...	...	...	...	...	
Verandah in front of court room	8	7 9	...	2 0	124	
Do. do. ...	8	8 8½	...	6 7½	460	
Do. do. ...	8	8 0	...	1 7½	104	
Semi-circular portion ...	8	8 6	Area.	...	68	
Archways, square portion ...	38	6 6	...	7 0	} 1,789	
Do. do. ...	2	4 3	...	7 0		
Do. do. ...	6	6 6	...	10 3	} 427	
Do. do. ...	1	2 7½	...	10 3		
Archways, semi-circular portion	44	14 0	Area.	...	616	
Do. do. ...	2	5 0	Do.	...	10	
Do. do. ...	2	2 9	Do.	...	6	
Do. do. ...	2	17 0	Do.	...	34	
Doors, ...	4	5 0	...	9 0	180	
Do.	1	3 6	...	9 0	27	
Door semi-circular heads ...	4	9 9	Area.	...	39	
Do. do.	1	3 6	Do.	...	4	
Doors	14	4 0	...	8 6	476	
Do.	1	3 0	...	8 6	26	
Do.	1	3 6	...	7 0	25	
Do.	1	5 0	Area.	...	5	
Windows	3	3 0	...	5 0	45	
Do.	2	2 6	...	10 0	50	
Do.	4	2 6	...	5 0	50	
Ventilators	16	3 6	...	2 6	140	
Do.	18	4 0	...	1 6	108	
Do.	2	3 6	...	1 6	11	
Do.	1	3 6	...	1 3	4	
						4,828
					Square ft.	13,747
					Squares.	137·47
ing—						
Doors, venetian and panel...	3	1,016	...	...	3,048	
Do. with iron-railed shutter.	4	29 0	...	...	116	
Windows with iron bars ...	4	50 0	...	...	200	

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Court-house—cont.						
Painting—*cont.*						
Glazed shutters	2	38 0	...	...	76	
Ventilators	...	248 0	...	...	248	
Iron joists for court-room...	...	225 0	...	3 6	788	
Do. for Gumastah's room, &c.	...	624 0	...	3 2	1,976	
Do. property room ...	...	80 0	...	3 0	240	
Do. record-room ...	...	62 0	...	3 0	186	
				Square Feet.	6,878	
				Squares.		68·78

—

ESTIMATE FORM.

Abstract.

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
		Rs.		Rs.	Rs.
20,990 C. ft.	Excavation for foundations				
6,273 „ ...	Concrete in do.				
5,881 „ ...	Brickwork in do.				
3,061 „ ...	Do. in basement				
20,480 „ ...	Do. in superstructure				
7,607 „ ...	Earth filling in basement				
1,296 „ ...	Archwork				
1,638 „ ...	Do. for roofs				
568 „ ...	Cut-stone work in basement and steps ...				
687 „ ...	Cut-stone moulded for corbels terminals.				
766 „ ...	Stone joists, &c.				
126 „ ...	Stone under iron joists				
3,948 S. ft.	Cuddapah slabs for hooding				
1,016 „ ...	Venetian and panel doors and widows with frames				
29 „ ...	Panelled door with frame and iron-railed shutter for property-room				
50 „ ...	Windows with frames and iron bars for record-room				
38 „ ...	Glazed shutters without frames ...				
248 „ ..	Ventilators with glass				
114 „ ...	Terracotta panels				
250 L. ft.	Do. insertions in piers				
38 No.	Circular terracotta ornaments for doors and windows				
36 L. ft.	Railing for dais				
13·63 Tons.	Rolled iron joists fixed				
963 lb.	Wrought iron in ties				
33 Sqrs.	Arched roofing over rolled iron joists including plastering of tops and ceiling				
20 „ ...	Laying concrete backing to arched roofing over stone joists and one course of flat tiles over				

ESTIMATE FORM—Abstract—*cont.*

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
		Rs.		Rs.	Rs.
55·04 Sqrs.	Flooring with stone slabs over a 4" bed of concrete				
186·90 „ ...	Plastering interior				
137·47 „ ...	Pointing				
68·78 „ ...	Painting with three coats of Carson's paint				
1 No.	Punkah complete				
	Contingencies at 5 per cent. ...				
	Grand Total of Estimate ...				

Madras,
4th October 1884.

(Signed) J. L. L. MORANT, Major, R.E.,
Offg. Consulting Architect to Government.

ESTIMATE FORM.

Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Mantapam.						
Excavation for foundation—						
Longitudinal walls... ...	2	44 0	10 3	4 6	4,566	
Transverse do.	2	5 6	10 3	4 6		
Do. do.	2	5 6	6 0	4 6	297	
Steps	4	11 9	2 0	2 0	188	
				Cubic Feet ...	5,051	
Concrete—						
Longitudinal walls... ...	2	43 0	9 3	1 6	1,374	
Transverse wall	2	6 6	9 3	1 6		
Do. do.	2	6 6	5 0	1 6	98	
Steps	4	11 9	2 0	1 6	141	
				Cubic Feet ...	1,613	
Brickwork in foundations—Footings—						
Longitudinal walls	4	41 0	3 0	1 6	1,005	
Transverse walls	6	8 6	3 0	1 6		
Do. do.	12	1 3	3 0	1 6		
Above footing to ground level—						
Longitudinal walls... ...	4	40 0	2 0	1 6	732	
Transverse walls	6	9 6	2 0	1 6		
Do. do.	12	2 3	2 0	1 6		
Plinth all round	...	125 0	0 3	1 6	47	
Steps	4	11 9	2 0	1 0	94	
				Cubic Feet ...	1,878	
Brickwork in basement—						
Longitudinal walls	4	40 0	2 0	1 6	732	
Transverse walls	6	9 6	2 0	1 6		
Do. do.	12	2 3	2 0	1 6		
Plinth all round	...	125 0	0 3	1 6	47	
Steps	4	11 9	2 0	0 6	47	
Do.	4	9 9	1 0	0 6	20	
						846
Deduct—Stone-work in steps ...	...	...	...	...	...	59
				Cubic Feet ...		787
Earthfilling in basement—						
.....	1	9 6	9 6	1 0	90	
.....	2	7 0	9 6	1 0	133	
.....	4	9 6	2 3	1 0	86	
.....	4	7 0	2 3	1 0	63	
.....	4	2 3	2 3	1 0	20	
				Cubic Feet ...	392	
Brickwork in superstructure—						
Longitudinal walls... ...	4	40 0	2 0	14 9	7,198	
Transverse walls	6	9 6	2 0	14 9		
Do. do.	12	2 3	2 0	14 9		
Coping	...	126 0	2 6	1 0	315	
Corbelling to support Cuddapah slabs—over piers.	20	2 0	1 9	1 6	105	

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Estimate Form.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Mantapam—cont.						
Brickwork in superstructure—*cont.*						
Over arches	4	9 6	1 6	1 3	158	
Do.	4	7 0	1 6	1 3		
Do.	8	2 3	1 6	1 3	116	
Corbelling for dome ...	4	2 10½	2 10½	3 6		
Do. for supporting roof ...	4	9 6	1 1½	1 3	66	
Do. do. ...	4	2 3	1 1½	1 3		
Do. do. ...	4	7 0	1 1½	2 6	79	
Cusping for small exterior arches	8	13 0	1 6	0 9	117	
Parapet	4	7 0	1 3	1 0	58	
Do.	8	2 3	1 3	1 0		
Do.	4	7 0	0 9	1 6	52	
Do.	8	2 3	0 9	1 6		
Do.	16	1 3	0 9	0 9	11	8,275
Deductions—						
Openings, square portion ...	4		1 6	4 6	216	
Do. do. do. ...	4	8 0	0 6	4 6	86	
Do. do. do. ...	2	9 6	2 0	4 6	171	
Do. do. do. ...	4	9 6	2 0	2 9	209	
Do. do. do. ...	8	9 6	2 0	4 6	504	
Do. do. do. ...	20	7 0	2 0	9 9	878	
Do. arched do. ...	4	2 3	1 6	6 3	234	
Do. do. do. ...	4	6 3	0 6	7 0	105	
Do. do. do. ...	6	7 6	2 0	7 0	630	
Do. do. do. ...	4	7 6	1 6	5 4	144	
Do. do. do. ...	4	4 6	0 6	5 8	64	
Do. do. do. ...	20	5 7½	2 0	1 9	123	
Archwork as per details ...	...	1 9	...	...	1,191	4,555
				Cubic Feet ...		3,720
Archwork—						
.....	4	17 0	1 6	1 1½	115	
.....	4	14 6	1 6	0 4½	31	
.....	10	21 0	2 0	1 3	525	
.....	8	17 0	2 0	1 3	340	
.....	20	6 0	2 0	1 9	180	
				Cubic Feet ...	1,191	
Arched roofing—						
.....	2	7 0	11 9	0 9	123	Cubic feet.
Dome work—						
Ring	1	38 6	1 3	1 0	48	
Half sphere $\frac{12 \cdot 25^2 \times 3 \cdot 1416}{2}$ ...		235 8	Area	1 3	295	
				Cubic Feet ...	343	
Stone in steps—						
.....	4	23 6	1 3	0 6	59	
				Cubic Feet ...	59	

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Mantapam—cont.						
Cut-stone work moulded—						
Corbels for arches	32	1 0	1 6	0 9	36	
Terminals	16	1 6	1 6	0 8	24	
Do.	16	1 0	1 0	0 9	12	
Do.	16	0 7½	0 7½	1 0	6	
Terminal over dome ...	1	2 0	2 0	0 8	3	
Do.	1	2 0	2 0	1 8	7	
Do.	1	1 0	1 0	2 0	2	
Do.	1	0 9	0 9	0 9	1	
Key stone	1	1 2	1 2	1 10½	3	
				Cubic Feet ...	94	
Cuddapah slabs for hooding—	...	156 0	...	6 0	936	
				Square Feet ...	...	936
Perforated panels for—						
Parapet	8	3 0	...	1 6	36	
Do.	8	1 9	...	1 6	21	
				Square Feet ...	57	
Laying concrete backing over arched roofing and one course of flat tiles with proper slopes for drainage—	1	36 0	...	18 0	648	
Deduct—Dome 13′ 6″ diar. ...	...	143 0	Area	...	143	
				Square Feet ...	505	
				Squares ...	...	5·05
Flooring with Cuddapah or other stone slabs over a 4-inch bed of concrete—	...	40 6	...	22 6	911	
						911
Deduct—						
Parapets	...	46 0	...	1 3	58	
Piers	24	2 0	...	2 0	96	
	8	1 6	...	0 9	9	
						163
				Square feet ...	748	
				Squares ...	7·48	
Plastering—						
Interior walls	2	33 0	...	11 6	759	
.....	1	38 0	...	15 0	570	
.....	4	23 6	...	14 0	} 2,856	
.....	4	18 6	...	14 0		
.....	4	9 0	...	14 0		
Segments	4	9 6	...	1 3	48	
Sides and soffits of arches ...	4	23 2	...	2 0	185	
Do. do. ...	2	27 0	...	2 0	108	
Do. do. ...	4	23 6	...	2 0	188	
Do. do. ...	12	24 6	...	2 0	588	

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Mantapam—cont.						
Plastering—*cont.*						
Arched ceilings	2	11 0	...	7 0	154	
Interior of dome— $\frac{11^2 \times 3{\cdot}1415}{2}$ ...	1	190 0	Area	...	190	
Exterior of dome— $\frac{13{\cdot}5^2 \times 3{\cdot}1415}{2}$ ...	1	286 0	Area	...	286	
Top of roof	1	18 0	...	36 0	648	
Parapet, inside	1	108 0	...	1 0	108	
Do. upper surface ..	1	126 0	...	2 3	284	
						6,972
Deductions—					143	
Dome 13′ 6″ diar.	...	143 0	Area	...	209	
Archways, square portion ...	8	9 6	...	2 9	171	
Do. do. ...	4	9 6	...	4 6	378	
Do. do. ...	12	7 0	...	4 6	144	
Do. do. ...	4	8 0	...	4 6	702	
Do. do. ...	32	2 3	...	9 9	630	
Do. arched portion ...	12	7 6	...	7 0	150	
Do. do. ...	4	6 0	...	6 3	380	
Do. do. ...	12	5 6	...	5 9	98	
Do. do. ...	32	1 9	...	1 9		3,005
					Square Feet ...	3,967
					Squares ...	39·67
Pointing exterior—	...	124 0	...	18 0	2,232	
Sides and soffits of outer arches	4	26 0	...	2 0	208	
Do. do. ...	4	25 0	...	2 0	200	
Do. do. ...	8	24 0	...	2 0	384	
Parapets	...	46 0	...	8 0	368	
						3,392
Deduct—						
Archways, square portion ...	4	8 0	...	4 6	144	
Do. do. ...	4	7 0	...	4 6	126	
Do. do. ...	8	2 3	...	4 6	81	
Do. arched portion ...	4	6 3	...	6 3	156	
Do. do. ...	4	4 6	...	5 4	96	
Do. do. ...	8	1 6	...	4 0	48	
						651
					Square Feet ...	2,741
					Squares ...	27·41
Cornice—						
Inside dome	...	...		28	Lineal feet.	...

ESTIMATE FORM.

Abstract.

Quantity.	Description of Work.	Rate.	Per	Amount.	Total.
		Rs.		Rs.	Rs.
5,051 C. ft.	Excavation for foundations				
1,613 „	Concrete				
1,878 „	Brickwork in foundations				
787 „	Do. in basement				
392 „	Earthfilling in do.				
3,720 „	Brickwork in superstructure				
1,191 „	Archwork				
123 „	Do. for roof				
343 „	Dome work				
59 „	Stone in steps				
94 „	Cut-stone work moulded				
936 S. ft.	Cuddapah slabs for hooding				
57 „	Perforated stone panels for parapet ...				
5·05 Sqrs.	Laying concrete backing over arched roofing and one course of flat tiles over ...				
7·48 „	Flooring with stone slabs or a 4-inch bed of concrete				
39·67 „	Plastering				
27·41 „	Pointing exterior				
28 L. ft.	Cornice inside dome				
	Contingencies at 5 per cent.				
	Grand Total of Estimate ...				

Madras,
4th October 1884.

(Signed) J. L. L. MORANT, Major, R.E.,
Offg. Consg. Architect to Govt.

2630/25

ESTIMATE FORM.

Detail Measurements.

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Latrine.						
Excavation for foundations—						
Pillars	12	5 6	5 6	4 6	1,634	
Between pillars	6	2 4	4 9	4 6	406	
Do.	4	1 3	4 9	4 6		
Partitions	2	2 4	4 6	4 6		
Do.	1	3 0	4 6	4 6		
Do.	2	1 3	4 6	4 6		
Do.	2	4 6	4 6	4 6	631	
Do.	1	3 0	4 6	4 6		
Seat partitions	3	2 6	4 6	4 6		
Do.	1	1 6	4 6	4 6		
Cistern	1	4 6	1 0	2 6	11	
				Cubic Feet ...	2,682	
Concrete—						
Pillars	12	4 6	4 6	1 6	365	
Between partitions ...	6	3 4	3 9	1 6	163	
Do.	4	2 3	3 9	1 6		
Partitions	2	3 4	3 6	1 6		
Do.	1	3 0	3 6	1 6		
Do.	2	2 2	3 6	1 6		
Do.	2	4 6	3 6	1 6	185	
Do.	1	3 0	3 6	1 6		
Seat partitions	3	2 6	3 6	1 6		
Do.	1	1 6	3 6	1 6		
Cistern	1	2 0	3 6	0 6	4	
	...	...		Cubic Feet ...	717	
Brickwork in foundations footings—						
Pillars	12	2 6	2 6	1 6	113	
Between pillars	6	5 4	1 9	1 6	129	
Do.	4	4 3	1 9	1 6		
Partitions	2	5 4	1 6	1 6		
Do.	1	3 0	1 6	1 6		
Do.	2	4 3	1 6	1 6		
Do.	2	4 6	1 6	1 6	97	
Seat partitions	1	3 0	1 6	1 6		
Do.	3	2 6	1 6	1 6		
	1	1 6	1 6	1 6		
Above footings to ground level—						
Pillars	12	1 6	1 6	1 6	41	
Between pillars	6	6 4	0 9	1 6	66	
Do.	4	5 3	0 9	1 6		
Partitions	2	6 4	0 6	1 6		
Do.	1	3 0	0 6	1 6		
Do.	2	5 3	0 6	1 6		
Do.	2	4 6	0 6	1 6	35	
Do.	1	3 0	0 6	1 6		
Seat partitions	3	2 6	0 6	1 6		
Do.	1	1 6	0 6	1 6		

ESTIMATE FORM.—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Latrine—cont.						
Above footings to ground level—*cont*—						
Cistern	1	2 3	3 6	0 6	4	
Do.	1	7 0	0 9	1 6	8	
Plinth, extra thickness		87 6	0 3	1 6	22	
				Cubic Feet ...	515	
Brickwork in basement—						
Pillars	12	1 6	1 6	1 0	27	
Between pillars	6	6 4	0 9	1 0	44	
Do.	4	5 3	0 9	1 0		
Partitions	2	6 4	0 6	1 0		
Do.	1	3 0	0 6	1 0		
Do.	2	5 3	0 6	1 0		
Do.	2	4 6	0 6	1 0	24	
Do.	1	3 0	0 6	1 0		
Seat partitions	3	2 6	0 6	1 0		
Do.	1	1 6	0 6	1 0		
Cistern	1	7 0	0 9	0 3	1	
Do.	1	7 0	0 6	0 6	2	
Do.	2	2 0	0 6	0 9	2	
Plinth all round		87 6	0 3	1 0	22	
				Cubic Feet ...	122	
Brickwork in superstructure—						
Pillars	12	1 6	1 6	8 9	236	
Between pillars	6	6 4	0 9	3 9	122	
Do.	1	5 3	0 9	3 9		
Between terracotta panels ...	18	6 4	0 9	0 6	79	
Do. ...	3	5 3	0 9	0 6		
Do. ...	81	1 0	0 9	0 6		
Partitions	2	6 4	0 6	6 0		
Do.	1	3 0	0 6	6 0		
Do.	2	5 3	0 6	6 0		
Do.	2	4 6	0 6	6 0	142	
Do.	1	3 0	0 6	6 0		
Do.	3	2 6	0 6	6 0		
Seat partitions	1	1 6	0 6	6 0		
Do.		12 0	2 6	0 9	23	
Seats	6	2 6	0 9	2 6	28	
Do.	1	8 1½	0 6	2 9	11	
Earth-bin	2	25 0	1 6	2 6	188	
Wall over pillars	2	12 0	1 6	2 6	90	
Do.		76 0	2 0	0 9	114	
Coping				Cubic Feet ...	1,033	
Earthfilling in basement—						
.....		21 6	10 6	0 6	113	Cubic feet.
Arched roofing—						
.....	2	12 0	8 0	0 9	144	
.....	1	12 0	8 9	0 9	79	
				Cubic Feet ...	223	
Dome work—						
For ventilators						
$\frac{4{\cdot}50^2 \times 3{\cdot}1415}{2}$ ...	3	31 9	Area	0 6	48	Cubic feet.

2630/26

ESTIMATE FORM—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Latrine—cont.						
Cut-stone work—						
Beams under arches ...	8	9 6	1 0	0 9	57	
Breastsummers	4	10 3	1 6	0 9	62	
Do.	2	7 3	1 8	0 9		
Do.	4	9 6	0 9	0 9	21	
Stone to support slab ...	4	8 0	0 6	1 0	41	
Do. ...	2	7 10	0 6	1 0		
Do. ...	4	8 9	0 6	1 0		
Corbels	14	2 2	0 9	0 9	17	
				Cubic Feet ...	198	
Cuddapah slabs for hooding, &c.—						
Hooding	...	104 0	...	5 0	520	
Ventilators	12	4 0	...	1 6	72	
				Square Feet ...	592	
Terracotta panels, 13½″ × 13½″ (manufactured by the Madras School of Arts)		102 in number.				
Perforated damp proof course for ventilation (Taylor's patent) 9″ × 9″ × 3″		46 in number.				
Laying concrete backing over arched roofing and one course of flat tiles with proper slopes for drainage	1	12 0	...	22 0	264	Square feet. 2·64
				Squares ...		
Flooring with asphalte, ¾″ thick over a 5″ bed of concrete		24 9	...	12 9	316	316
Deduct—						
Pillars	2	1 6	...	1 6	5	
Do.	6	1 6	...	0 4½	3	
Do.	4	0 4½	...	0 4½	1	
Partitions	2	6 4	...	0 6		
Do.	2	5 3	...	0 6	19	
Do.	2	4 6	...	0 6		
Do.	2	3 0	...	0 6		
				Square Feet ...	288	28
				Squares ...	2·88	
Plastering interior walls and top of roof—						
Piers, ...		23 8	...	6 0	142	
Piers, upper portion		36 0	...	2 9	99	
Segments at ends of arches.	6	6 9	...	1 0	41	
Between pillars	6	6 4	...	4 0	173	
Do.	1	5 3	...	4 0		
Partitions		47 2	...	12 6	590	
Earth-bin		7 6	...	2 9	21	
Do.		9 0	...	2 9	25	
Do.		8 0	...	0 6	4	
Cistern		8 0	...	2 6	20	
Do.		9 6	...	1 0	10	
Between terracotta panels ...		408 0	...	0 4½	153	
Do. do.		130 0	...	0 6	65	
Ceiling		12 0	...	23 0	276	

7

ESTIMATE FORM—Detail Measurements—*cont.*

Detail of Work.	Number.	Measurements in Feet. Length.	Breadth.	Depth.	Area or Contents.	Total Quantity of each description of Work.
Latrine—cont.						
Plastering interior walls and top of roof—*cont.*						
Ventilators	3	4 9	...	1 0	14	
$\frac{2 \cdot 25^2 \times 3 \cdot 1415}{2}$	3	7 1	Area.	...	21	
Top of terrace		22 0	...	12 0	264	
Do. coping.		68 0	...	1 6	102	
Do. do.		76 0	...	1 9	133	
Do. of ventilators $\frac{3^2 \times 3 \cdot 1415}{2}$	3	14 2	Area.	...	43	
				Square Feet ...	2,196	
				Squares ...		22
Pointing exterior—						
Pillars		37 0	...	8 9	324	
Between pillars		43 3	...	4 6	195	
Basement		84 0	...	1 3	105	
Above pillars		80 0	...	4 3	340	
Between terracotta panels		408 0	...	0 4½	153	
Do. do.		130 0	...	0 6	65	
				Square Feet ...	1,182	
				Squares ...		11·82
Covers for cisterns			1 in number.			
Bucket			1 in number.			

ESTIMATE FORM.

ABSTRACT.

Quantity.	Description of Work.	Rate.	Per.	Amount.	Total.
2,682 Cubic feet.	Excavation for foundations ...	RS.		RS.	RS.
717 „	Concrete				
515 „	Brickwork in foundations ...				
122 „	Do. in basement ...				
1,033 „	Do. in superstructure ...				
113 „	Earthfilling in basement ...				
223 „	Arched roofing				
48 „	Dome work				
198 „	Cut-stone work				
592 Square feet.	Cuddapah slabs for hooding ...				
102 Number.	Terracotta panels ...				
46 „	Perforated damp proof course ...				
2·64 Squares.	Laying concrete backing over arched roofing and one course of flat tiles with proper slopes for drainage				
2·88 „	Flooring with asphalte ½" thick over a 5" bed of concrete ...				
22 „	Plastering interior walls				
11·82 „	Pointing exterior walls				
1 Number.	Covers for cisterns				
1 „	Bucket				
	Contingencies at 5 per cent. ...				
	Grand Total of Estimate ...	...	...	...	...

MADRAS,
4th October 1884.

(Signed) J. L. L. MORANT, Major, R.E.,
Offg. Consulting Architect to Government.

26/30/27

DESCRIPTIVE SPECIFICATION.

General.—The whole building to be built of selected materials in mortar.

Concrete to be of broken stone or hard vitrified brick in mortar laid in the usual way.

Brick-work.—Wherever good bricks are obtainable, the brick-work to be shown up and pointed.

Brick archwork to be, if possible, of gauged bricks moulded into the form of the cusps where these are shown in the drawings.

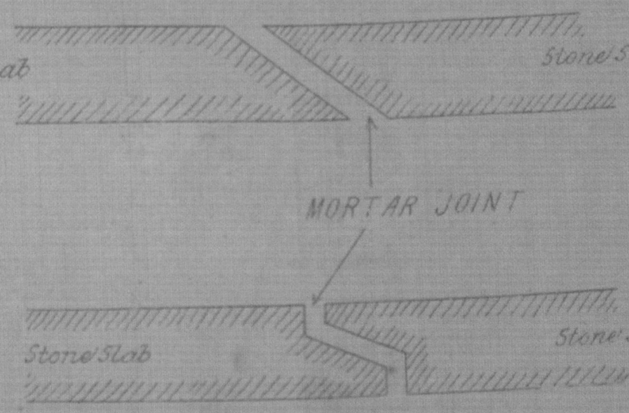
Moulded bricks to be used for jamb and other mouldings.

Arched terracing for roofs over rooms to be formed as described in the standard specification, page 28.

Terracing over verandahs to be of 9" brick arches turned between stone girders or beams with concrete backing brought to a level surface and covered with a course of flat tiles plastered over.

Dome work to be formed of bricks radiating to the centre plastered inside and outside, or to be made like a Syrian roof, *vide* Public Works G. O., No. 2045 W., dated 30th August 1880, and volume I, page 92, of the Professional Papers of the Madras Engineers.

Stone slabs.—The Cuddapah or other slabs must be carefully selected and examined before erection to discover cracks. They must be laid very carefully on a smooth sloping even bed in fine ground mortar or cement, and be well supported not only until the brick-work over them is laid but for a fortnight after it is laid. They must be of one whole length as given in the drawings (plans Nos. 4, 6, 9, 10, 11 and 12), but of any convenient width. The side edges may butt against each other, or be made to join thus if thought preferable :



The slabs will be joined to each other with cement or finely ground mortar, such as is used for first-class stone work. They will be tooled as smooth as circumstances permit.

Floors to be of stone or tiles or plaster or brick on edge laid in mortar or in cement according to pleasure.

Interiors to be fine chunam plastered with shell lime, or if otherwise to be white-washed.

Stone joists to be of carefully selected stone, free from cracks or flaws, or other blemishes likely to weaken resistance to a transverse strain.

Terracotta work to be procured either from the School of Arts or from the Government Brickfield, Madras, under charge of the Consulting Architect to Government.

Rolled iron joists and perforated damp-proof course to be procured from England through the Secretary of State on indent in the usual way.

Roof drainage will all fall over the projecting stone slabs on to the ground through holes in the parapets. There are to be no gutters or pipes.

CHEPÁK,
4th October 1884.

(Signed) J. L. L. MORANT, Major, R.E.,
Offg. Consulting Architect to Government.

24 30
28

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

Memorandum from the Chief Engineer, Public Works Department, dated 18th October 1887, No. 3559 C.

With reference to the absence in the type design circulated with G.O., No. 1098 W., dated 21st April 1887, of any provisions for muntapums and latrines, the Proceedings of Government marginally noted will be forwarded for information to Superintending Engineers who have not yet received them.

No. 1528 W., dated 7th June 1887.
„ 2491 W., „ 21st Sept. „

2. It will be seen that muntapums were advisedly omitted from the new type design, as verandahs are supposed to supply necessary shelter, and that they are only to be provided when special circumstances as to their necessity can be adduced. Also that latrines should be estimated for in accodance with the former type designs.

From Lieutenant-Colonel J. PENNYCUICK, R.E., Superintending Engineer, VI Circle, to the Chief Engineer, Public Works Department, dated Theckady, 25th October 1887, No. 1392 T.J.

With reference to your memorandum, No. 3559 C., dated 18th instant, I have the honor to report that all the type designs and the printed estimates circulated with G.O., No. 505 W., dated 6th March 1885, were returned to the Consulting Architect with my letters, Nos. 1340 T.J., dated 6th December 1886, and 9th April 1887, respectively, in obedience to your circulars, Nos. 4202 C. and 1043 C. of 26th November 1886 and 18th March 1887, respectively. Consequently, I have no plan of the latrine to estimate for, as directed in the last part of your memorandum under reference, and also to use in constructing the district munsif's court-house at Tiruvalur sanctioned in G.O., No. 2491 W., dated 21st September 1887.

2. I have therefore the honor to request that you will be good enough to supply me with 16 copies of the type designs with schedule of quantities for latrines to the district munsif's court.

From the Consulting Architect to Government, dated 3rd November 1887, No. 1029.

ORDER—dated 10th November 1887, No. 3019 W., Public Works.

The Government consider that the plan of latrine provided in the type design for a Sub-Judge's or District Munsif's Court-house, circulated with G.O., No. 505 W., dated 6th March 1885, is on a more expensive scale than is necessary, and that the

plan of "jail latrine" for taluk cutcherries, issued with G.O., No. 1014, dated 20th April 1874, is more suitable to the present type design for district munsifs' Court-houses. The last-mentioned plan, with the specification and schedule of quantities given in the Government Order of 1874 will, therefore, be adopted as a guide in framing estimates for sub-court latrines.

(True Extract.)

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

To Superintending Engineers, with copies of the design of 1874.
To the Consulting Architect to Government.
" Judicial Department, } with copy of the design of 1874.
" Revenue " }

Exd. A. Aubert.
Spare Copies

2630/29

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1887} Madras.

PUBLIC WORKS.

Dated November, 10th.

Read. *Encl.*

G.O., 10th Nov. 1887, No. 3019 W.

NOVEMBER.

Sub-Judge's or District Munsif's Court Latrines

Directing that the plan of "jail latrine" for taluk cutcherries issued in 1874 be adopted as a guide in framing estimates for —.

P. W. Department

No. 166 Cay 28th January 88. 2630/30

Memorandum

Proceedings of the Madras Govt Judicial Dept.

No. 1109 Mis: of 5th May 1884.x

Forwarded to the Supdg Engineer VI Circle who will revise the plans and estimates to accord with the type design circulated with G.O. No. 2854 W of 15th Nov 1884. and resubmit them to this office through the prescribed channel

2 If the circumstances of the locality or climate render a tiled roofed Court-house

x C No. 4273/84.

(Proc: of the Jud Deptt No. 1109 Mis: dy 5-5-84, approving and transferring plan and estimate for the construction of a new District Munsiff's Court house at Paramagudi in the Madura Distt)

house imperatively necessary, the documents may be retained in the Division office pending receipt of a revised type design for tiled roofed buildings, which will shortly be circulated.

CE.
26.1.83

26.1.83

No. 2352 Cdy 18-12-82

No. 166 Cap 28-1-83

1-2/84

B H

To

The Supdg. Engineer VI Circle
With papers in original &
Judl. Deptt
Dasd. 28-1-83.

2630/31 4272
4273

Estimate for District Munsiff's Courts at Karur & Paramagudi

Dw.

In both these cases, the High Court approve the estimate subject to such modification of the plan as have been recommended in their letter Dy. 748 dy 4.3.84.

The letter referred to was sent to the Concy. Architect, with this office endorsement No. 729 C dy 24.3.84, for submission of a fresh type design, on the lines indicated by the High Court.

The two estimates now submitted must

2630/31 4272

No. 996 D. Nil 4529

GOVT. OF MADRAS. } 188 . { P. W. DEPT.

SECRETARY.

Chepâk, 28th May 1884.

OFFICE NOTE.

Re 165-Cay 28-1-85

To

C. a.

Please say when the modified type design for district munsif's Courts, called for in this office Re 729 C 07 24.3.82., will be ready for submission to Govt.

CJ.

Re 309

To D. W. (Gl. P. 1544/26-5-84)

This design will be sent by an Overseer

Jewels C. A.

29.5.84 await receipt of design CJ 29/5

L 30/33

C. No. 4273
" 4529+
" 4532

L. C. pending receipt of reply from Govt. Dept. to Endorsement on C. No. 4584/E of 1884 - x No. 238 E. dt 6-6-84.

Ch

3-6-84

Awaiting issue of L.C. No. 1837 W dt 29-7-84 from the Revs Dept.

Issued this day - L.C. sent up.

Under Govt orders, Mr. Fuller must communicate to L.C. pending receipt of plan and designs called for by Govt vide G.O. No. 1844 W dt 25.7.84

(5A)

Public Works Department, 188

2630/34

Current No. 4272
Letter No. 1175 Revs
Dated the 12th May 84
From the Chief Engr to Govt

NOTE OF REMARKS.

1. The accompanying is an estimate for the construction of a District Munsiff's Court at Karur, Coimbatore District. The estimated amount is Rs 16,270.

2. This Court-house is to be built in accordance with the standard design sanctioned in G.O. No. 294 dt. 6th Sept 1879. The estimate shows that the dimensions of foundations differ from those allowed in the standard but that all other items agree with the corresponding items of the standard.

3. The estimate has

been countersigned by the District Judge. A site plan has been submitted.

25th May 1884
DSH

P. W. Department

No. 165 Cap 28th January 85

Memorandum

Proceedings the Madras Govt. Judicial Department

No. 1175 Mis. dt 12th May 1884

Forwarded to the Supdg. Engineer LV Circle, who will revise the plans and estimates to accord with the type design circulated with G.O. No. 2854 W dt 15th Nov. 1884, and resubmit them to this office through the prescribed channel

2. If the circumstances of the locality or climate render

C.R. No. 4272/84.

*(Proc of the Jud Dept No. 1175 Mis dt 12-5-84, approving and transferring plan and estimate for the Construction of a new Municipal Court House at Karur)

2680/50

Current No. 4273

Letter No. 1109 Dis.

Dated the 5th May/84

From the Chief Secy. to Govt.

Note of Remarks.

1. This estimate, with site plan, provides for constructing a District Munsiff's Court-house at Paramagudi in the Madura District. The estimated amount is Rs. 15,350.

2. The Court-house is to be built according to the standard lately sanctioned in G.O. No. 294 Dt. of the 6th Sept. 79. Except a difference in foundations, the estimate submitted and the standard agree in all particulars. Rs. 100 are allotted for land compensation.

3. This estimate has been approved in the

...ender a tiled roofed

...urt-house imperatively

...cessary, the documents

...ay be retained in the

...nsion office pending

...ceipt of a revised type

...sign for tiled roofed

...uildings, which will

...hortly be circulated.

CS.
26.1.85

26/1/85

G.O. 1837 W dy 29 July 1884
Pc. 996 D dy. 28 May '84
Pc. 648 W dy. 10 March '84
G.O. 93 W dy. 12 Jany '84
G.O. 2909 W dy 15 Octr. '84

No. 165 Coy 28-1-

The Supdg. Engineer IV Circle
With papers in original

Judicial Department
the site has been approved
by the District Judge
and Collector.

5th May 82
8378

2630/37
8378

Public Works Department.

2630 W

2680/38

Current No. 7670

Letter No. Sit

Dated 12th August 1888

From the Supt & Govt Judicial Depth,

Sanction Note by EW written

NOTE OF REMARKS. 15.8.88

The Estimate under review amounting to Rs 17,420 for Constructing a Dismb Thanna & Court House at Karur in the Coimbatore District is submitted for Sanction in Supersession of the Estimate for Rs 32,690 Sanctioned in G.O. No 2508 dt/25th September 1886 -

It is explained in the Report accompanying the Estimate that the first Estimate, amounting to Rs 16,270 was framed on type designs circulated with G.O. No 2294 dt/5th September 1879 for a Tiled building, this Estimate was returned with Chief Engineers Memo No 165C dt/28th January 1885 to be revised in accordance with the type designs for a terraced roof build-

O. 17.8.88

approved of in G.O. 2854 W
of 15th November 1864 -
A revised Estimate amounting to Rs 32,570 was accordingly submitted and sanctioned in G.O. No 2508
W/25th September 1866 -
Subsequently a revised design was circulated with G.O. No 2008 W of 27. July 1867 and the Engineer directed that a fresh Estimate should be prepared on that design, and it is that Estimate amounting to Rs 17,420, or Rs 15,170 less than the sanctioned Estimate, that is now under report.

It is further explained that the Primary object of the Road Board has an Examination pound to be made Soil and with for building purposes and that Shantung work a good Suitable site selected by the Engineer in the

2680/39

Vicinity of the Road is made in the Estimate.

A sum of Rs 10,000 has been allotted for Expenditure on this work during the Current Official Year -

The following extract from the Proceedings of the Board of Directors of the Southern Indian Railway Company agreeing to make over the land for the purpose and understanding that a Compound wall Limbar be built Round the Railway Station should be Constructed on three sides at the Expense of the Railway Company. Provision for a Compound wall of this kind is made in the Estimate.

A sum of Rs 10,000 has been allotted for Expenditure on this work during the Current Official Year -

The following extract from the Proceedings of the Board of Directors of the Southern Indian Railway Company agreeing to make over the land for the purpose and understanding that a Compound wall Limbar be built Round the Railway Station should be Constructed on three sides at the Expense of the Railway Company. Provision for a Compound wall of this kind is made in the Estimate.

1 Excavation - Rs 4-8-- per 100 Cft. against Rs 3-8--

2 Brick in mortar - Rs 23 per 100 cft against Rs 20--

3 Terracing - Rs 27 per 100 Sq ft against Rs 25--

4 Flooring with 3/4 inch thick Asphalt laid on 6" of Concrete - Rs 30 per 100 Sq ft against Rs 20 for 3/4" inch Asphalt laid on 4" of Concrete.

5 Plastering with 2 coats of Chunam - Rs 3--- against Rs 2-8--

6 Jointing with Chunam Rs 3--- against Rs 1-8--

If the rates in the Schedule are adopted a saving of Rs 1033 will be effected -

The rates of Concrete under the flooring is too much it would safely be reduced to 4 to 1 ratio -

A Punkah pull is no longer to be charged for at Rs 30 as Rs 3 per running foot which seems high.

2630/40

Rs 240 are provided in the Estimate for Civil Consulting Boards which is at the rate of Rs 40 each, as the details are not given How they cannot be checked A lump sum of Rs 125- is provided in the Estimate for a Teak wood gate with Masonry pillars but no details are given -

A sum of Rs 52 is provided for Clerical the like & Contingencies & Public Supervision are charged 5 & 2½ per cent respectively -

The plans & Estimates have been Countersigned by the Chief Engineer and approved by Govt in the Pub. Deptt

Cmt P
14/8/88.

D.W.C. 7670

Init'g E.W.K.

Re revised Estimate of
~~Rs~~ 17420 for constructing
a District Messiffs Court
at Karen is submitted
for the sanction of Govt with
the following remarks.

This Estimate shows an
saving of ~~Rs~~ 15,170 over
that sanctioned in G.O
2554 A of 15th Nov. 1954, due
to the adoption of the Standard
plan carried with G.O No 2058/4
of 27th July 1957.

The following rates are in
excess of those given in the
Schedule for the Coimbatore District
and the Pte will
consider whether any reduction
can be made in the Estimate;
Excavation, Brick in Mortar,
Terracing, Flooring, Plastering
& Painting.

[illegible]
15.8.58

2508 W of 25 September 1958

2630/42

Judicial Department.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

2630/42

READ the following

From the Ag Registrar of the High Court
Appellate Side, d/25th February/84 —
No 669.

Order thereon 1st March/84 No 527 Judl.

This letter will be transferred to the Public Works Department, with request that early provision of funds may be made for the Karur Munsiff's Court.

2. Attention will also be invited to para 2.

/True Extract/
Forbes Leicester
Chief Secretary

To
The Public Works Department,
with original papers.

S.W
D.Ibrahim Saiyer

No. 669

24/83

High Court of Judicature,
Madras, 25th February 1884.

From,

J. A. Davies Esquire,
Ag: Registrar of the High Court
of Judicature at Madras.

To,

The Honourable E. F. Webster,
Chief Secretary to Government.

Sir,

I am directed to submit a copy of the Letter No. 16 dated the 4th instant, with its enclosures, from the District Judge, Coimbatore, regarding the building of a new Munsif's Court at Karur for which an estimate was called for under G. O. dated 15th October 1883. No. 2909 W. Public works, and to request that Government will be pleased to provide funds for the work as soon after 1st April 1884 as possible.

2. The work is shown at Page 24 of the Provincial Public Works Budget

for 1884-85, as item Nº 18 of Class B works for which no grant has been provided.

3. I am to take this opportunity of pointing out that in the said Budget, the Puttur District Munsif's Court is shown as item Nº 43 under Class A works at p. 8-9 with an allotment of Rs 7,000- and again as item Nº 53 at pages 10-11, with a further allotment of Rs. 2,440, which double entry appears to be an error.

I have the honor to be,

Sir,

Your most obedt. Servant

J. Davis

Ag: Registrar,

Appellate Side.

No 16

2630/83

Coimbatore District Court D.
4th February 1884.

From

H. Wigram Esquire
District Judge of
Coimbatore.

To

A. Davies Esquire
Ag Registrar of the High Court
of Judicature.
Appellate Side at
Madras.

Sir,

In forwarding copies of correspondence between myself and the Superintending Engineer regarding the new Court-house at Karur, I have the honor to request that you will move the Government to provide funds for it as an emergent work as soon after 1st April 1884 as possible.

I have &c

(Signed) H. Wigram
District Judge

Kurur.

28th January 1884

2680/40

Most Respected Sir,

I learn that the Estimate and plan for my Court house have been prepared and sent to the Superintending Engineer for submission to Government, and I am informed that unless the Superintending Engineer brings to the notice of Government that the work is an emergent one, the Government will merely sanction the construction of the building when funds are available. In my last interview with Colonel Beatty, he suggested to me that your honor should be asked by me to inform him that the work is urgently needed. As your honor has seen my present Court house and has already expressed an opinion that it is very inconvenient

I

May that your Honor will be pleased to remind Colonel Beatty of the urgency of building a new Court for me. It will, I learn, be too late to write to Colonel Beatty after the sanction of Government is received.

I beg &c.

(Signed) A. David,
Dist. Munsif.

(True copy)
(Signed) N. Wigram,
District Judge

Enclosures

Letter from N. Wigram Esquire, District Judge Coimbatore, to Colonel J. Beatty R.E., Superintending Engineer, Coimbatore, dated 29th January 1884, No. 27.

Sir,

I have the honor to request that the construction of the new Munsif's Court at Karur may be entered as an emergent work and the work proceeded with as early as possible.

The District Munsif experiences great inconvenience from the small accommodation provided in his present Court-house.

I have &c.
(Signed) N. Wigram,
District Judge.

From the Superintending Engineer 4th Circle Coimbatore to the District Judge of Coimbatore, dated 2d February 1884, No. 18/M

Sir, With reference to your letter No. 27 of 29th ultimo, I have the honor

2630
4c

to inform you that the Karur District Munsif's Court will be found given at page 24 of the printed Budget for 1884-85 of which I presume you have had a copy. It is Item N°. 18 of Class B works, for which no grant has been provided and the work cannot be proceeded with without a special order of Government.

2. You should, as you consider the work emergent, and in this I quite agree from my own inspection of the building now in use, move Government through the High Court to provide funds for going on with it. If Government now decide that the work is to go on from 1st. April, arrangements may be made at once in the way of preparation of materials during the present dry season.

I have &c.

(Signed) J. Beatty, Lt. R.E.,
Supg: Engineer, 4th Circle.

(True copy)

H. Wigram,
Distrct Judge.

(True copies)

Ja. Davis

Ag Registrar,
Appellate Side.

Ed
D Ramagopalaiah

Mch 1884

[6]

Govt. of 188 } Madras.

No. 2909 W - 15-10-83.
934 - 12-1-84
3465 - 8-2-84.

To

The PW Dept

Rs 3

Rs 3/3/84

Proceedings, dated 1st March 188 4
No. 527 Jud.

Subject.

N. 648 W dy 10th March/84

Regarding New Munsiff's Court at Karur

PUBLIC WORKS DEPARTMENT.

No 648 W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 10th March 1884

READ the following

Proceedings of Government in the Judicial Deptt } M. G. No: 527 Jud dt 1st March/84

The provision of funds for the new District Munsiff's Court at Karur will be considered on receipt of the estimate called for in G. O. No: 2909 W of the 15th October 1883, ~~the submission of~~ which the L. G. IV Circle was directed to submit as early ~~as possible~~ as practicable. His attention is again called to the matter

2. The error pointed out by the High Court in regard to the District Munsif's Court at Puthur having been twice entered in the preliminary issue of the Provincial Budget, has already

already been noted for rectification in the final issue of the budget.

CS
4-3-84

M
5.3.84

No. 648 W of 10 K/

To

The Supg. Engr. W Circle
" Judicial Department
Dear Sir 10/3/84

Cir 4/84 11/3 K/ 13/3

No. 1837 CURRENT NO. 2266 1/0

V/32/57

High Court of Judicature,
Madras, 20th July 1888.

From

J. M. Horsfall, Esquire,
Acting Registrar of the
High Court of Judicature
at Madras.

To

J. F. Price, Esquire,
Acting Chief Secretary
to Government,
Fort Saint George.

Sir,

I am directed to forward, for the sanction of Government, the accompanying plans and estimates amounting to Rs. 17,420 for the construction of a new Court-house for the District Munsif of Karur in the Coimbatore District and to request that they may be sanctioned at an early date in order to enable the Public Works Department to utilize during the current year the sum of Rs. 10,000 allotted for the work in this year's Budget.

3 Plans.
2 Estimates.
1 Report.
6

2.

2. The Acting District Judge submits that he does not consider the present plan satisfactory; but that it would be out of place to make any further suggestions for its improvement.

I have the honor to be,
Sir,
Your most obedient servant,

Acting Registrar,
Appellate Side.

Encl. Venkatarama Naidu.

Go 17. 5; 88 No 4 p 72
7. 11. 87 1279 Fmk

2 v°

H.M. 31st Aug 1888 31/8

Approved & transferred to the P.W.D
(by order)
A.G. Carden
Ag. Under Secy

31/8.

Judicial {1888} Department.

No.

FROM

Ag.
THE REGISTRAR OF THE HIGH COURT
OF JUDICATURE AT MADRAS,
APPELLATE SIDE.

Dated 20th July
Received 23rd } 1888.
Read 4-8-88.

No. 1837.
Encs 5-6.

Submitting for sanction, at an early date, plans and estimates amounting to Rs 17,420. for the construction of a new Court house for the District Munsif of Karur, Coimbatore District.

over

Nos. 2909 W of 15.10.83.
648 W " 10.3.84
2854 W " 15.11.84
165 C " 28.1.85
166 C " 28.1.85
2508 W " 15.9.86.
2008 W " 27.7.87
3019 W " 10.11.87.

Submitted P.C. 17.8.88

Note by the Chief Engr. P.W.D.

The revised estimate of Rs. 17,420 for constructing a District Munsif's court at Karur is submitted for the sanction of Govt. with the following remarks.

2. This estimate shows a saving of Rs. 15,170 over that sanctioned in G.O. No: 2508 W dy 25th September 1886 due to the adoption of the standard plan issued with G.O. No: 2008 W dy 27th July 1887.

3. The rates for the following items are in excess of those given in the schedule for the Coimbatore Division; and the Supdg. Engineer will consider whether any reduction can be made in them.

Excavation
Brick in mortar
Terracing
Flooring
Plastering
Pointing

Approved
17.8.88

Jo 20/8/88
E.W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Registrar of the High Court of Judicature. N. E. No: 1837 of 20th July 1888.
Endorsement by the Judicial Department dt 1st August 1888.
Note by the Chief Engineer P.W. Department dt

The revised estimate amounting to Rs. 17,420, for constructing a District Mounsif's court at Karur in the Coimbatore District, is sanctioned in supersession of the estimate of Rs. 32,590 sanctioned in G. O. No: 2508 W dated 25th September 1886.

2. Attention is drawn to the note by the Chief Engineer P.W. Department above recorded.

3. This sanction has been registered as Provincial No: 76 W of 1888-89, and classified as Civil Buildings, Original Works.

To
The Suptg. Engr. IV Circle with 6 enclos.
" Examiner of P.W. Accts with the duplicate general abstract estimate
" Judicial Department.

Govt. of [1868] Madras.

PUBLIC WORKS.

2814

Dated

Read. Encl.

G.O. 27th Augt 1868, No 2630

District Munsif's
Court at Karur

Revised estimate for
Constructing a —— in
the Coimbatore District,
Sanctioned.

90
1/6