

(1) Number of pages \_\_\_\_\_

(2) Date of repair \_\_\_\_\_

(3) Initials of the Referencer \_\_\_\_\_

# MADRAS RECORD OFFICE

## Government of Madras

*Public Works*

DEPARTMENT

|                     |      |      |                 |
|---------------------|------|------|-----------------|
| G.O. No.            | 1966 | (W)  | Press           |
| <del>B.P. No.</del> |      |      | <del>Mis.</del> |
| Dated               | 2-8- | 1876 |                 |

Not to be folded or roughly handled

*Proceedings of the Madras Government, Public Works Department,  
2nd August 1876. No. 1,966.*

Read the following papers :—

No. 41. From Major J. W. HINDLE, Officiating District Engineer, Vizagapatam, to Major-General G. W. WALKER, R.E., Secretary to Government, Public Works Department, dated Waltair, 2nd September 1875, No. 859.

WITH reference to G.O., No. 278, of 27th April 1875, I have the honor to submit herewith, for the sanction of Government, a plan and estimate,\* with specification report, for making certain additions and improvements to the Collector's Cutcherry at Vizagapatam.

- 1 Plan.
- 1 Estimate (abstract).
- 1 Specification.

\* Amounting to Rupees 5,620.

No. 41-A. From K. F. NORDMANN, Esq., Officiating District Engineer, Vizagapatam, to Colonel W. T. F. FAREWELL, Officiating Under Secretary to Government, Public Works Department, dated Vizianagram, 6th May 1876, No. 246.

WITH reference to your memorandum, No. 672, dated 8th November 1875, returning the estimate and plan for improvements to the Collector's Cutcherry at Vizagapatam with certain remarks, I have the honor to forward herewith the plan, with a fresh estimate and specification report, in lieu of the above.

- 1 Plan.
- 1 Estimate.
- 1 Specification.
- 1 Comparative statement showing the difference of rates, &c.
- 1 Copy of letter, No. 2,309, dated 21st December 1875.

2. With regard to paragraph 2 of your memorandum under reply, I enclose a copy of the Collector's letter explaining the necessity for the several alterations and additions proposed to the building and the object of each.

3. The remarks in your paragraph 3 regarding terracing have been attended to. The reason why teakwood planking, with two courses of flat tiles and asphalt, was provided for the floor of the upper verandah of the Assistant Collector's room is that the other portions of the verandah have been similarly done.

4. The notes on the rates alluded to in your paragraph 4 seem, by some oversight, to refer to the rates in Ganjam. The rates in the estimate (with a few unavoidable exceptions) agree with those in the district schedule. The rates noted in your schedule are not of those of Vizagapatam.

From N. A. ROUPELL, Esq., Acting Principal Assistant Collector, to K. F. NORDMANN, Esq., District Engineer, Vizagapatam, dated Vizagapatam, 21st December 1875, No. 2,309.

In reply to your letter, No. 1,521, dated 15th instant, I have the honor to inform you that the proposed improvements and their object were fully described in this office letters, No. 318, dated 5th March 1874, and No. 1,717, dated 13th November 1874.

2. There is no room provided for the Assistant Collector. The rooms at present occupied by the Printing Establishment and the Birth and Death Register Offices are quite unfitted for the purpose. No alteration having been made in the old building, it is very dark and ill-ventilated. The windows of the shroff's room have no shunshades on the south side, and the occupants are exposed to the heat of the sun. Parties who come to the treasury for paying into

Proceedings of the Madras Government, Public Works Department,  
2nd August 1876. No. 1,966.

or receiving from it money have no accommodation whatever. The windows of the shroff's room are fitted with wooden bars, and the substitution of iron bars has been considered necessary to ensure safety. The record-room has no verandah, and consequently no protection from sun and rain. It has not sufficient ventilation. The rooms occupied by the Printing Establishment having been considered insufficient, the room used by the Birth and Death Registration Department was added thereto; necessity for the construction of a room for the Registration Department has therefore arisen. The ridge ventilation, and the ventilators in the upper rooms let in the rain.

3. To supply the wants and remedy the defects the following proposals were made and approved:—

(1.) To pull down the shroff's room and rebuild it as a two-storied block; the upper story affording the accommodation needed by the Assistant Collector; adding the requisite verandah and iron bars to the lower room.

(2.) To enlarge and otherwise improve the rooms occupied by the Printing Establishment, throwing the whole of the two buildings used by the Press and Registration Departments into one, and making additional windows where practicable to give more light.

(3.) To construct a verandah on the north of the record-room, a window on the north-eastern corner, and a few air-holes for ventilation.

(4.) A new room for the Birth and Death Registration Department in the present unused gunshed.

(5.) Providing wooden planks for ridge ventilation and the ventilators in the upper rooms.

No. 42. ORDER THEREON, 2nd August 1876, No. 1,966.

CIVIL WORKS, No. 8.

(a) Heads of Service.—Provincial.  
Fund.—Ordinary.  
Class.—Original Works.  
Main-head.—Civil Buildings.  
Sub-head.—B, Revenue Department.  
Section.—General District and Divisional Cutcheries.  
Name of Work.—Additions and improvements to the Collector's Cutcherry at Vizagapatam.  
Amount.—Rupees 5,300.  
To be carried out by the Public Works Department.

HIS GRACE the Governor in Council sanctions the estimate of Rupees 5,300 for additions and improvements to the Collector's Cutcherry at Vizagapatam already approved of in G.O., No. 624, dated 20th April 1875, in the Revenue Department.

2. There are no funds available for the work at present.

3. This sanction has been registered as Provincial No. 99 W. of 1876-77.

(True Extract.)

Colonel,

Offg. Under Secy. to Govt., P.W.D.

To the District Engineer, Vizagapatam.  
„ Examiner of Public Works Accounts.  
„ Revenue Department.  
„ Judicial „

Exd. J. W. Fischer.

Spate Copies

(a) Heads of Service—Provincial

Fund.

Class.

Main-head.

Sub-head.

B. Revenue Department  
Section—General, Dist. Divisional Cutcheries  
Name of Work. Additions and improvements to the Collector's Cutcherry at Vizagapatam.

Amount. Rs. 5,300

To be carried out by the P.W.D. Department.

Print in the margin of G.O. No. 1466 of 2/8/76—

State of Remarks

On plans and Estimate for additions and improvements  
to the Collectors Quarters at Vinayapattinam.

18<sup>th</sup> October 1875

The following items  
in the District Estimate  
differ in rates from those  
in District Schedule  
for Ganjam.

Concrete - Less than District  
Schedule.

Rubble masonry in chun-  
nam. Less.

Brick in chunnam -  
Less.

Archwork - more than  
District Schedule.

Plastering with 2 coats  
of chunnam and white  
washing - Less than District  
Schedule.

Flooring with stone and  
pointing - Less.

Ironing - Less.

Teakwood - In excess  
of District Schedule.

Iron barred windows &c.  
In excess -

Brick in Chumam. In  
Excess -

Archwork. In excess

Plastering with 2 coats  
of Chumam & white washing.

In excess -

Dormer & Frenchman's panel  
with iron fixtures  $4 \times 6\frac{1}{2}$  -

Considerably in excess of  
District Schedule -

Windows, venetian with  
iron fixtures  $4 \times 5\frac{1}{2}$  -

Considerable in excess  
of District Schedule -

Attic windows with  
frames and opening

Shutters  $3 \times 1\frac{1}{2}$ . Considerable  
in excess of District Schedule.

Teakwood shutters, 6 -

At present attic window  
with iron hinges and

bolts  $4 \times 4\frac{1}{2}$  - In excess, more

Teakwood battin windows  
with frames and iron fixtures.

In excess -

Teakwood battin doors  
with frames and iron

fixtures  $3 \times 5\frac{1}{2}$  - In excess

Roofing with country  
wood in pins, nails, flat

and fair tiles, Chumam  
boards  $4 \times 6$  - Less than

District Schedule.

Teakwood battin doors  
with frames and iron

fixtures  $3\frac{1}{2} \times 6$  - In excess.

Glazed windows with  
teakwood frames and

battin shutters with  
iron fixtures  $4 \times 4\frac{1}{2}$  -

Considerable in excess  
of District Schedule.

Teakwood battin  
windows with glazed

shutters  $4 \times 4\frac{1}{2}$  - Less

than District Schedule.

Althe windows with  
Swinging glazed shutters  
and frames with  
iron fixtures at  $3 \times 1\frac{1}{2}$  -  
In excep-

Teakwood sash  
windows with shutters  
frames and iron fixtures  
at  $3 \times 4\frac{1}{2}$  - In excep-

Country wood latten  
door complete -  $3\frac{1}{2} \times 6$  -  
As per Schedule

The rate for brickwork  
in upper story is very  
much in excess of that  
for lower story.

Comparative Statement showing difference of Rates between  
the Estimate submitted by the District Engineer and the  
Ganja District Schedule for Certain Additions and  
improvements to the New Collectors Cutcherry at  
Vizagapatam.

| Description of Work.                                                                          | Paliope Estimate<br>submitted by the<br>District Engineer. |     |    |     | Difference. | Remarks. |
|-----------------------------------------------------------------------------------------------|------------------------------------------------------------|-----|----|-----|-------------|----------|
|                                                                                               | Rs.                                                        | As. | P. | Rs. |             |          |
| <u>Cutcherry</u>                                                                              |                                                            |     |    |     |             |          |
| Concrete work                                                                                 | 18                                                         |     |    |     |             |          |
| Rubble masonry in Chumam                                                                      | 12                                                         |     |    |     |             |          |
| Brick work in Chumam                                                                          | 24                                                         |     |    |     |             |          |
| Arch work in Chumam                                                                           | 13                                                         |     |    | 13  |             |          |
| Plastering with 2 Coats Chumam                                                                |                                                            |     |    |     |             |          |
| White washing                                                                                 | 26                                                         |     |    |     |             |          |
| Flooring with rectangular Cut<br>stone slabs in parallel                                      |                                                            |     |    |     |             |          |
| Courses of pointed with<br>bituminous Mortar                                                  | 11                                                         |     |    |     |             |          |
| Terracing with Brick on Edge 3rdly                                                            |                                                            |     |    |     |             |          |
| 3 Courses flat tiles with 3 Coats of<br>plaster to top of Terrace                             | 18                                                         |     | 20 | 2   |             |          |
| Asphalt to Verandah laid over<br>2 Courses of flat tiles over<br>planking                     | 20                                                         |     |    |     |             |          |
| Teakwood wrought & put up                                                                     | 48                                                         |     |    | 8   |             |          |
| do do do do                                                                                   | 38                                                         |     |    |     |             |          |
| Ornamental Eaves                                                                              | 14                                                         |     |    |     |             |          |
| Honey Comb brick work parapets                                                                | 8                                                          |     |    |     |             |          |
| Iron barred windows with Curks<br>fixed in Cut stone, teakwood<br>batten shutters including - |                                                            |     |    |     |             |          |
| fixing 4x7 inside dimensions Each                                                             | 50                                                         |     |    | 8   |             |          |
| Varnishing to wood work of Roof                                                               | 30                                                         |     |    |     |             |          |
| Cut stone slabs under beams                                                                   | 14                                                         |     |    |     |             |          |
| Brick work in Chumam                                                                          | 32                                                         |     | 3  | 9   |             |          |
| Arch Work in do                                                                               | 6                                                          |     | 2  |     |             |          |
| Plastering with 2 Coats of Chumam<br>and white washing                                        | 32                                                         |     |    | 9   |             |          |

|                                                                                                                           |             |     |    |
|---------------------------------------------------------------------------------------------------------------------------|-------------|-----|----|
| Roofing to Verandah with<br>teakwood rafters, reapers nails,<br>3 ply, 3 courses of flat-tiles<br>with 3 coats of plaster | sq. yds. 50 |     |    |
| Roofing with teakwood rafters, reapers<br>nails flat & pan tiles Chunam<br>border &c                                      | sq. yds. 38 |     |    |
| Teakwood wrought & put up                                                                                                 | sq. ft. 1   |     |    |
| Doors 2/3 Venetian 1/3 panelled<br>with iron pistons 4x6 1/2                                                              | Each 15     | 224 |    |
| Do Venetian Windows with iron<br>pistons &c 3 1/2 x 5                                                                     | do 26       | 108 |    |
| Attic Windows with frames &<br>working shutters 3x1 1/2                                                                   | do 8        | 38  |    |
| Art. Glass pillars with Capital                                                                                           | do 8        |     |    |
| Teakwood Doors with principal<br>rafters & joints &c                                                                      | do 75       |     |    |
| Teakwood shutters to the present<br>attic windows with iron<br>hinges & bolts &c                                          | do 3        | 3   |    |
| Verandah to second floor                                                                                                  |             |     |    |
| Earth work                                                                                                                | sq. ft. 1   |     |    |
| Flooring with square bricks laid<br>over clay & pointed with<br>betuminous mortar                                         | sq. yds. 48 |     |    |
| Roofing with teakwood rafters<br>reapers, nails, flat & pan tiles<br>Chunam border &c                                     | do 36       |     |    |
| Teakwood battens windows with<br>frames & iron pistons 3x1 1/2                                                            | Each 12     | 11  |    |
| Do Venetian Windows                                                                                                       |             |     |    |
| Teakwood Battens door with<br>frames & iron pistons &c<br>3x5 1/2                                                         | Each 14     | 15  | 86 |
| Verandah to second floor                                                                                                  |             |     |    |
| Roofing with Country wood rafters<br>reapers, nails flat & pan tiles<br>Chunam border &c                                  | sq. yds. 20 | 264 |    |
| Country wood wrought & put up                                                                                             | sq. ft. 18  |     |    |
| Teakwood battens doors with frames<br>& iron pistons 3 1/2 x 6                                                            | Each 18     | 171 | 15 |
| Glazed windows with teakwood<br>frames & battens shutters &<br>iron pistons &c 3x4 1/2                                    | do 22       | 138 | 88 |
| New glazed shutters to the present<br>Windows                                                                             | Each 12     |     |    |
| Teakwood Battens windows with<br>glazed shutters &c &c 4x4 1/2                                                            | do 24       | 294 | 57 |

Specification to accompany Plan and Estimate  
of the probable cost of making certain additions and  
improvements to the New Collectors' Cutcherry at  
Viragapatam.

Estimate Rs. 5300

Attic Windows with working glazed  
shutters &c frames & iron pistons

&c 3x1 1/2 Each 10 70 211

Attic to 2nd floor

Teakwood Venetian Windows with  
shutters frames & iron pistons

&c 3x4 1/2 Each 15 15 3

Latines for doors

Country wood battens door with

shutters frames &c 3 1/2 x 6 do 10 108 8 10

Govt. Little Department.  
Tob. Ch. Group.  
Madras. 18th October 1875.  
J. P. Chinnayyan

building will be 1 1/2 feet thick built of well burnt  
bricks in chunam. The Chunam for the above  
work to be one partunker lime to one of sand.  
To be of 2 coats of chunam, and 2 of  
gray washing to the outside of upper and lower stories,  
and whitewashing inside.

The flooring to the Sharoff's room, and  
Verandah

Bengal Terracing to Verandah with  
 teakwood rafters, reapers, nails  
 3" jelly, 3 courses of flat-tiles  
 with 3 coats of plaster ————— Sqm — 50 —  
 Roofing with teakwood rafters, reapers  
 nails flat & pane tiles Chunam  
 borders &c ————— do — 38 —  
 Teakwood wrought & put-up ————— Cft — 1 —  
 do Doors 2 1/2 Venetian 1/3 paneled  
 with iron fixtures 4x6 1/2 ————— Each — 45 — 22 4 —  
 Venetian Windows with iron

Roofing with Cinnamon wood rafters  
 reapers, nails flat & pane tiles  
 Chunam borders &c ————— Sqm — 20 — 20 15 —  
 Cinnamon wood wrought & put-up ————— Cft — 18 — 18 —  
 Teakwood battens doors with pane  
 & iron fixtures 3 1/2 x 6 ————— Each — 15 — 17 1 — 15 —  
 Glazed windows with teakwood  
 panes & battens shutters &  
 iron fixtures &c 3 1/2 x 4 1/2 ————— do — 22 — 15 8 — 88 —  
 Two glazed shutters to the present  
 windows ————— Each — 12 — — —  
 Teakwood Battens windows with  
 glazed shutters 4' x 4' 1/2 ————— do — 24 — 29 4 — 54 —

Specification to accompany Plan and Estimates  
 of the probable cost of making certain additions and  
 improvements to the New Collector's Cutcherry at  
 Viragapatam.  
 Estimate Rs. 5300

Concrete work There will be concrete under the foundations  
 of the building one foot thick and will project 6  
 inches on either side.

Rough Stone in Chunam The foundations, and basement of all the build-  
 ings, and the superstructure of the Sharoff's room, and  
 verandah rooms, to the Press Office, will be built  
 of rough stone in Chunam.

Brick in Chunam The walls of the upper story, Salt Deputy Collec-  
 tor's room and Office, and latrine to the Clerks, will be  
 of brick in Chunam. The walls on top of the  
 lower room to the depth of 1 1/2 foot, and spaces  
 between the arches of the doors and windows, will  
 also be built of brick in Chunam.

Archwork brick } All the circular and flat arches of the  
 in Chunam. } building will be 1 1/2 feet thick built of well burnt  
 bricks in Chunam. The Chunam for the above  
 work to be one part kunker lime to one of sand.

Plastering and } To be of 2 coats of Chunam, and 2 of  
 whitewashing } gray washing to the outside of upper and lower stories,  
 and whitewashing inside.

The flooring to the Sharoff's room, and  
 Verandah

verandahs to the Press Office &c to be of rectangular cutstone slabs in parallel courses and pointed with bituminous mortar. The flooring to the verandah of the record room to be of square bricks, laid over clay and pointed with chinam.

The roof of the sharoff's room and the Verandah floor of the upper story will be of brick on edge, 3 inches jelly, 3 courses of flat tiles, with 3 coats of plaster to the top of terrace.

The roofing of the Assistant Collector's room to be supported on teak wood trusses, purlins, and ridge beams, and covered with tiling on teak wood rafters, piers, nails, flat and pantiles and Chinam borders &c complete. The verandah of the record room to be of teak wood rafters, piers, nails, flat and pantiles, chinam borders &c complete. The roof to the verandah and the room of the Press Office to be of country wood rafters, piers, nails flat and pantiles, Chinam borders &c complete. The roof of the upper story verandah will have a Bengal terracing, with teak wood rafters, piers, nails, 3 inches jelly, 3 courses of flat tiles, with 3 coats of plaster.

All the wood made use of must be sound and free from all cracks and flaws.

Doors & windows. flaws.

The doors and windows of all the proposed work will be made to suit the dimensions marked on the plan. The particulars of each description is shown in the abstract Estimate.

Virianagram Range Office  
Virianagram 27 July 1875

(signed) J. M. Bell C.E.  
Asst Engr. Virianagram.

(signed) J. W. Hindle Captain  
Offg. Dist. Engr. Viragapatam

(signed) H. Goodrich  
Asy. Collector.

M. M. M.  
Offg. District Engineer  
Viragapatam

Woodwork

P. No. 8501/11

Abstract Estimate No. 170 of 1875-76.  
 Abstract Estimate of the probable cost of making  
 certain additions and improvements to the new Collectors  
 Quarters at Vizagapatnam.

| Quantity | Particulars of work.                                                                                         | Rate | Per Item | Amount  | Total     |
|----------|--------------------------------------------------------------------------------------------------------------|------|----------|---------|-----------|
|          | <u>+ Cutcherry</u>                                                                                           |      |          |         |           |
| 22 1/2   | Cyds of Concrete work                                                                                        | 1    | 8        | Cyd 33  | 2         |
| 129 1/2  | Do of rubble masonry in chunam                                                                               | 1    | 12       | do 226  | 13 7      |
| 19 1/2   | Do of brick work in do                                                                                       | 2    | 14       | do 55   | 9         |
| 17 5/8   | Do of arch work in do                                                                                        | 4    | 13       | do 84   | 5 7       |
| 30-08    | Sqrs of plastering with 2 coats of chunam & white washing                                                    | 2    | 6        | Sqrs 71 | 7         |
| 9.65     | Do of flooring with rectangular cut stone slabs in parallel courses and pointed with continuous mortar       | 11   | -        | do 106  | 2 4       |
| 12.6     | Do of terracing with brick on edge 3 jelly 3 courses of flat tiles with 3 coats of plaster to top of terrace | 18   | -        | do 226  | 12 9      |
| 78.13    | Cft. of teak wood wrought & put up                                                                           | 4    | 8        | Cft 351 | 9 4       |
| 187.56   | Do Do                                                                                                        | 3    | 8        | do 656  | 7 4       |
| 80       | Rft. of ornamental eaves                                                                                     | 4    | 5        | Rft 20  | 1         |
| 69       | Do of honey comb brick work parapets                                                                         | 8    | 4        | do 34   | 8         |
|          |                                                                                                              |      |          | C. O.   | 1608 8 11 |

III Bath room to the Treasury

Deputy Collector marked B on plan

|       |                                                                                                       |    |    |      |    |    |    |
|-------|-------------------------------------------------------------------------------------------------------|----|----|------|----|----|----|
| 7     | Cyds of rubble masonry in chunam                                                                      | 1  | 12 | Cyds | 1  | 5  | 9  |
| 1/2   | Do of arch work in do                                                                                 | 4  | 13 | do   |    | 6  | 5  |
| 2 3/4 | Do of brick work in do                                                                                | 2  | 14 | do   | 8  | 4  | 10 |
| 2.40  | Lys of plastering with 2 coats of chunam and white washing                                            | 2  | 6  | Sqr  | 5  | 11 | 2  |
| 1     | Pair of teak wood batten door with frames and iron fixtures &c complete (3 x 5 1/2) inside dimensions | 14 |    | each | 14 |    |    |

Sundries and Superintendence 7 8 cent 2 3 10

Total Rupees 3

IV A new verandah room and some alterations to the Press Office marked D on Plan

|          |                                                                                                     |    |    |      |     |    |    |
|----------|-----------------------------------------------------------------------------------------------------|----|----|------|-----|----|----|
| 27 2/3   | Cyds of rubble masonry in chunam                                                                    | 1  | 12 | Cyds | 48  | 6  | 8  |
| 1 1/3    | Do of arch work in do                                                                               | 4  | 13 | do   | 6   | 6  | 8  |
| 6.47 1/2 | Lys of plastering with 2 coats of chunam & white washing                                            | 2  | 6  | Sqr  | 15  | 6  |    |
| 4.07     | Do of flooring with rectangular cutstone slabs in parallel courses & pointed with lutuminous mortar | 11 |    | do   | 44  | 12 | 3  |
| 6.29     | Do of roofing with country wood rafters, eepers, nails, flat & pantiles chunam borders &c complete  | 20 |    | do   | 125 | 12 | 9  |
| 3.08     | Cft. of country wood wrought & put up                                                               | 1  | 8  | cft  | 4   | 9  | 11 |
| 1        | Excavating foundations & filling in                                                                 |    |    |      | 3   |    |    |
| 1        | Pair of teak wood batten door with frames and iron fixtures (3 1/2 x 6) inside dimensions           | 18 |    | each | 18  |    |    |

Pairs of glazed windows with teak wood frames & batten shutter and iron fixtures &c complete 13 x 4 1/2 inside dimensions

22 each 88 354 6 3 cent 26 9 8

Sundries and Superintendence 7 8

Total Rupees 381

V Verandah to the Press Office Marked C on plan

|       |                                                                                                                                              |    |    |      |     |    |   |
|-------|----------------------------------------------------------------------------------------------------------------------------------------------|----|----|------|-----|----|---|
| 15 35 | Cyds of rubble masonry in chunam                                                                                                             | 1  | 12 | Cyds | 26  | 13 | 1 |
| 6.94  | Cft. of country wood wrought and put up                                                                                                      | 1  | 8  | cft  | 10  | 6  | 6 |
| 5.50  | Lys of roofing with country wood rafters, eepers, nails flat & pantiles chunam borders &c complete                                           | 20 |    | Sqr  | 110 |    |   |
| 4     | Cutstone pillars including capitals and pointed with chunam                                                                                  | 3  |    | each | 32  |    |   |
| 4.25  | Lys of flooring with rectangular cutstone slabs in parallel courses & pointed with lutuminous mortar                                         | 11 |    | Sqr  | 46  | 12 |   |
| 3     | Excavating foundations & filling in                                                                                                          |    |    |      | 3   |    |   |
| 1     | New glazed shutters to the present windows                                                                                                   | 12 |    | each | 36  |    |   |
| 1     | Pair of teak wood batten window with glazed shutters, frames and iron fixtures &c complete to the Press Office (4 x 4 1/2) inside dimensions | 24 |    | each | 24  |    |   |
| 4     | Altie windows with swinging glazed shutters frames & iron fixtures &c complete (3 x 1 1/2) inside dimensions                                 | 10 |    | each | 40  |    |   |

3.78 Cft of eaves board to the ridge  
ventilators to prevent the rain  
beating into to the Press and  
registration Office.

2 2 Pairs of teak wood windows with  
frames, battens & glazed shutters  
& iron fixtures &c complete  
(4x4½) in the Press room

*Supplies and Superintendence* 390 33  
 27 8 cent 29 129

Costal Dupuis

Improving Salt Deputy Collectors Office marked ☐ on plan

Office marked ☐ On plan

4  $\frac{1}{3}$  Cysd of rough stone in chue nam 1 12 Cysd 7 94

11  $\frac{1}{9}$  Do of brick work in 1 12 Cysd 7 94

|                  |                             |   |            |     |
|------------------|-----------------------------|---|------------|-----|
| 11 $\frac{1}{9}$ | Do of brick work in chuanam | 1 | 12 - Cgd 7 | 94  |
| 1 $\frac{1}{36}$ | Do of brick work in do      | 2 | 14 - do 31 | 151 |

|   |                |                       |    |   |    |    |    |     |
|---|----------------|-----------------------|----|---|----|----|----|-----|
| 1 | $\frac{1}{36}$ | Do of brick arch work | do | 2 | 14 | do | 31 | 151 |
| 9 | 35             | Do of plaster         | do | 4 | 13 | do | 4  | 151 |

9.35 Type of plastering with 2 coats of  
chuna. 4 13. do 4 151

2 chunam & white washing } 2 6 - 10p. 22 33

Peak wood venetian windows  
with shutters, frames

fixtures as to the Gall Deputy Collector's:

3 Collectors room (3 x 4 1/2) inside 15 - - each 30 - -  
Teak wood venetian.

wood venetian windows do 15 - - each 30 - -  
do do to the left 15 - - do 45 - -

1 Pair of teak wood batten door do <sup>to the clerk room</sup> 15 - - do 45 - -

~~do~~ ~~do~~ ~~do~~ } 18 -- do 18 --  
 (3½ x 6) inside dimension  
 9

2.00, inside dimensions } 18' - 0" do 18' - 0"

Demolishing the present wall  
and <sup>two</sup> 12' - 0" do 12' - 0"

|                                   |   |
|-----------------------------------|---|
| and fixing <sup>two</sup> windows | 5 |
|-----------------------------------|---|

|     |     |
|-----|-----|
| 164 | 109 |
|-----|-----|

VIII Latrine for the Clerks marked  
F on Plan

|                  |                                   |   |    |   |       |     |      |
|------------------|-----------------------------------|---|----|---|-------|-----|------|
| 2 $\frac{5}{12}$ | Cysts of rubble masonry in chunam | 1 | 12 | - | Cyd 4 | 3 8 | ✓    |
|                  |                                   | 2 | 11 | - | do    | 18  | 13.6 |

|    |                         |   |    |    |    |    |   |
|----|-------------------------|---|----|----|----|----|---|
| 65 | Do of brick work in—do— | 2 | 14 | do | 18 | 13 | 6 |
| 9  |                         | 1 | 13 | do | 5  | 6  | 5 |

$\frac{1}{12}$  Do of arch work in do - 4 13. do - 6 5 ✓

5-25 <sup>12</sup> Lgs of plastering with 2 coats of  
chunam & white washing — } 2 6 - Apr 12 7 6.

1 Pair of country wood latten door  
with shutters, frames, iron fixtures }

2-63 C. 11: Joques board to the ridge  
2-64 C. 12: Joques board to the ridge

|                                                                                     |                                                           |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|
| <p> <i>July 1881</i><br/> <i>Sundries and Superintendence</i><br/> <i>1880</i> </p> | <p> <i>71 8 - cent 56 3</i><br/> <i>Total Rupees</i> </p> |
|-------------------------------------------------------------------------------------|-----------------------------------------------------------|

VIII Raising the floor of the Registration Office marked c on Plan

31  $\frac{1}{9}$  Cysds of earth work ————— 12 cysd 151

4.20 Lys of flooring with square  
bricks laid over clay } 4 8. sgr 18 14 4

Sundries and Superintendence of "S. cont. 127  
Total Rs.

Grand Total Rupees

*In. feci. b. c.*

*Vigianagram Range Office*

*Cizianagram 17<sup>th</sup> February*

Assistant Engineer

*Pizianagram*

Morning  
Offg. District Engineer  
Elnagapatam.

N<sup>o</sup>. 2309

5

Viragapatam Collectors Office  
21<sup>st</sup> December 1875

The District Engineer  
Viridnagram 13

Sir,

In reply to your letter N<sup>o</sup>. 1521 dated 15<sup>th</sup> instant, I have the honor to inform you that the proposed improvements and their object were fully described in this Office letters N<sup>o</sup>. 318 dated 5<sup>th</sup> March 1874 and N<sup>o</sup>. 1717 dated 13<sup>th</sup> November 1874.

2. There is no room provided for the Assistant Collector. The rooms at present occupied by the Printing Establishment and the Birth and Death Register Offices, are quite unfitted for the purpose. No alteration having been made in the old building, it is very dark and ill ventilated. The windows of the Shroffs' room have no sunshades on the south side, and the occupants are exposed to the heat of the sun. Parties, who come to the Treasury for paying into or receiving from it money, have no accommodation whatever. The windows of the Shroffs' room are fitted with wooden bars, and the substitution of iron bars has been considered necessary to ensure safety.

The

P. R. 5501/13  
3

Abstract Estimate  
of the probable expense  
of certain additions &  
improvements to the  
Collectors' Quarters at  
Viragapatam  
Estimate No. 5586

N<sup>o</sup>. 2309

To

Viragapatam Collectors Office

21<sup>st</sup> December 1875

The District Engineer

Viridnagram

Sir,

In reply to your letter N<sup>o</sup>. 1521 dated 15<sup>th</sup> instant, I have the honor to inform you that the proposed improvements and their object were fully described in this Office letters N<sup>o</sup>. 318 dated 5<sup>th</sup> March 1874 and N<sup>o</sup>. 1717 dated 13<sup>th</sup> November 1874.

2. There is no room provided for the Assistant Collector. The rooms, at present occupied by the Printing Establishment and the Birth and Death Register Offices, are quite unfitted for the purpose. No alteration having been made in the old building, it is very dark and ill ventilated. The windows of the shroffs' room have no sunshades on the south side, and the occupants are exposed to the heat of the sun. Parties, who come to the Treasury for paying into or receiving from it money, have no accommodation whatever. The windows of the Shroffs' room are fitted with wooden bars, and the substitution of iron bars has been considered necessary to ensure safety.

The

P. O. N<sup>o</sup>. 2309/1/75  
3

Abstract Estimate  
of the probable expense  
of certain additions &  
improvements to the  
Collector's Quarters at  
Viragapatam  
Estimated by P. O. N<sup>o</sup>. 2309/1/75

The record room has no verandah, and consequently no protection from sun and rain. It has not sufficient ventilation. The rooms, occupied by the Printing Establishment, having been considered insufficient, the room used by the Birth and Death Registration Department was added thereto; necessity for the construction of a room for the Registration Department has therefore arisen. The ridge ventilation, and the ventilators in the upper rooms, let in the rain.

3. To supply the wants and remedy the defects, the following proposals were made and approved.

1. To pull down the throffs room, and re-build it as a two storied block. The upper story affording the accommodation needed by the Assistant Collector; adding the requisite verandah and iron bars to the lower room.

2. To enlarge and otherwise improve the rooms, occupied by the Printing Establishment, throwing the whole of the two buildings used by the Press and Registration Department into one; and making additional windows where

where practicable, to give more light.

3. To construct a verandah on the north <sup>side</sup> of the record room, a window on the north eastern corner, and a few air holes for ventilation.

4. A new room for the Birth and Death Registration Department, in the present unused gunched.

5. Providing wooden plants for ridge ventilation, and the ventilators in the upper rooms.

I have &c

(Signed) N. P. Roupeff

Ag Prin: Asst. Collector

(True Copy)

M. M. M. M.

Off. Dist. Engr. Viragapatam

S. D. S.

N<sup>o</sup> 246

District Engineer's Office Camp  
Virjaniagram 6<sup>th</sup> May 1876

From

K. J. Nordmann Esq<sup>r</sup>  
Off. District Engineer  
Viragapatam

The Under Secretary to Govt.  
Public Works Department,  
Madras.

Sir,

With reference to your Memo<sup>x</sup> N<sup>o</sup> 672<sup>h</sup>  
dated 8<sup>th</sup> November 1875, returning the Estimate  
and Plan for improvements to the Collector's  
Cutcherry at Viragapatam, with certain remarks,  
I have the honor to forward herewith ~~to return~~  
the plan, with a fresh Estimate and Specification  
Report, in lieu of the above.

2. With regard to para 2 of your Memo  
under reply, I enclose a copy of the Collector's  
letter explaining the necessity for the several  
alterations and additions, proposed to the Build-  
ing, and the objects of each.

3. The remarks in your para 3, regard-  
ing

P. N. 8502/76

3  
15  
regarding terracing, have been attended to.

The reason why teak would plank, with 2 courses of flat tiles and asphalt, was provided for the floor of the upper verandah of the Assistant Collector's room is, that the other portions of the verandah have been similarly done.

4. The Notes on the Rates, alluded to in your para 4, seem by some oversight to refer to the rates in Ganjam. The rates in the Estimate (with a few unavoidable exceptions) agree with those in the District Schedule. The rates, noted in your Schedule, are not of those of Viragapatam.

I have the honor to be  
Sir  
Your most obedt Servt  
W. M. M. M.  
Offg. District Engineer  
Viragapatam

807-6-75 No 278  
D. of 1 Feb 75 No 186  
Chengam. 6/2

P. & 1875 Defatures  
-P-3501

submitting Plan and  
Estimate for with  
certain information.  
Collector's Cutcherry at  
Viragapatam - re:  
improvements to Col.  
Viragapatam - 1975/6

The Off. District Engineer  
of Viragapatam  
The Under Secretary to Govt.  
Madras  
Date 6  
Sept 8 - May 1876  
Rec 2/14/76  
No 246

N-41A  
Cin. 7.76 B. 2 S. 78  
D. of 5 Dec 78-7.76 N-4-8-76.

No 859

District Engineer's Office  
Maltair 2 September 1875

From

The Offg. District Engineer  
Viragapatam

To

The Secretary to Government, P.W.D.  
Madras.

Sir,

Amounting to  
Rs. 5620/-

With reference to G.O. No 278 of 27<sup>th</sup> April  
1875, I have the honor to submit herewith for the  
sanction of Government a Plan and Estimate with  
specification report for making certain additions  
and improvements to the Collector's Cutcherry  
at Viragapatam.

I have the honor to be  
Sir

Your most Obedt. Servt.

M. W. Kiddle Major  
Offg. District Engineer, Viragapatam

avails 1875

2<sup>o</sup> August 1876

the following:—

From

The St. Engineer  
Vizagapatam.

No. 859 of 2<sup>o</sup> Sept 75 /  
" 246 of 5<sup>o</sup> May 76

His Grace the Governor  
in Council sanctions  
the estimate of Rs 5200  
for additions and im-  
provements to the Col-  
lector's bungalow at  
Vizagapatam already  
approved of in the  
order dated 20<sup>o</sup> April  
1876 in the Revenue  
Department.

There are no funds

No. 1001 of 1876  
1876-1877

S. M. 1875 Appl.  
No. 5741

The St. Engineer  
Vizagapatam

The Secretary to Govt. M.S.

Adm. No. 672 of 18-11-75

Dated 2<sup>o</sup> September 1875

No. 859

\* Dept. with Bureau  
-Sanction for sanction at

Plan and Estimate amount

ing to Rs. 5620 for making

Certain addition and

improvements to the Collector's

bungalow at Vizagapatam.

No. 1-1-

no. 7761 of 25.77  
Despatch No. 18-7761 of 8-76

available for  
at present.

3. This sanction has  
been registered as Pro-  
vincial No 99 of  
1876-77.

W.

R. Vijayapalan!  
J. H. Secty  
Revenue Dept.  
Central Dept.

available for  
at present.

3. This sanction  
has been registered as  
-vincial No. 99  
1876-77.

*W*

3501 5741

Gobt. of 1876 Madras.  
PUBLIC WORKS.

To  
H. E. Vijayapalan

Dated

Issued

Recd

Encl.

G. O. 2<sup>nd</sup> August 1876, No. 766.

No. 1, 1 / 2.

Additions and improve-  
ments to the Collectors  
Catchery at Vijayapalan

Estimate of Rs. 5300  
for ———— canal.

*Ant. in No. 1  
17-8-76*