# Public Works (1898) Department.

G.O., No. 2992 W

DATED 23rd Novr '98

24/11/98

[Despatch Abstract.]

Dy Tahsildar's Office at Kottapeta

Revised Estimate of Rs 21700 for constructing a —— in the Godavari (D.C.), Sanctioned, with remarks.

7/10/C.S.N.

[ P. W. 26. / 1,000—12-2-98. ]

Indexed.

## BACK PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

## FURTHER PAPERS.

| G.O. | No. | Department. | Date. | G.O. | No. | Department. | Date. |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

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BUILDINGS AND ROADS.
CIVIL WORKS.

# Government (1898) of Madras.

## PUBLIC WORKS.

*Recd.* } 1898. *Enclosures*
*Regd.* *Spare copies*

**G.O., No. 2992 W., 23rd November 1898.**

## NOVEMBER.

**Deputy Tahsildar's Office at Kottapeta**

Revised estimate of Rs. 21,700 for constructing a — in the Gódávari district, sanctioned, with remarks.

## GOVERNMENT OF MADRAS.

## PUBLIC WORKS DEPARTMENT.

### Buildings and Roads.
### Civil Works.

Read—the following papers :—

Proceedings of the Board of Revenue (Land Revenue), Mis. No. 1822, dated 12th July 1898.

Abstract.—Submitting, with remarks, to Government in the Public Works Department plans and estimates for the construction of a combined office for the Tahsildar and the Stationary Sub-Magistrate, Amalapur, and a revised estimate for the Deputy Tahsildar's office, Kottapeta, received from the Collector of Gódávari.

*Note by the Chief Engineer, Public Works Department.*

Estimate for constructing Deputy Tahsildar's office at Kottapeta, Gódávari District.

The revised estimate, amounting to Rs. 21,800, and reduced in this office to Rs. 21,700, is submitted for the sanction of Government in lieu of the estimate, amounting to Rs. 18,400, sanctioned in G.Os., Nos. 433 W. and 1875 W., dated 3rd February 1896 and 23rd June 1896, respectively.

2. The excess of Rs. 3,400, or 18·48 per cent., over the sanctioned amount, is due to the following causes :—

| | RS. |
|---|---|
| (*a*) Additional works ... ... ... ... ... ... ... | 974 |
| (*b*) Increase in rates ... ... ... ... ... ... ... | 928 |
| (*c*) Deviation in materials ... ... ... ... ... ... | 819 |
| (*d*) Omission in estimate ... ... ... ... ... .... | 747 |
| (*e*) Insufficient provision ... ... ... ... ... ... ... | 229 |
| (*f*) Contingencies and petty supervision ... ... ... ... | 45 |
| Total ... | 3,742 |
| Deduct savings ... | 342 |
| Total excess ... | 3,400 |

3. *Item* (*a*), *Additional works.*—The excess on this sub-head is due to the provision of a ryots' shed, including extra land compensation of Rs. 40 (*vide* G.O., No. 3356 W., dated 23rd November 1896, and Chief Engineer's circular memoranda noted in the margin).

Memo. No. 3671 C., dated 26th Nov. 1895.
„ „ 1983 C., „ 20th Apr. 1896.
„ „ 4610 C., „ 4th Dec. „
„ „ 631 C., „ 1st Feb. 1897.

4. *Item* (*b*).—The increase in rates is as follows :—

| Sub-heads. | Original estimate. | | | Revised estimate. | | | Remarks. |
|---|---|---|---|---|---|---|---|
| | RS. | A. | P. | RS. | A. | P. | |
| Rubble in mortar, foundations .. .. | 17 | 2 | 0 | 17 | 14 | 0 | Due to increased rates for lime. |
| Do. do. superstructure .. .. | 18 | 2 | 0 | 19 | 4 | 0 | Due to increased rates for labour. |
| Flat arch of brick .. .. .. .. | 31 | 0 | 0 | 35 | 0 | 0 | Due to omission of centrings. |
| Circular arch of brick .. .. .. | 32 | 0 | 0 | 39 | 0 | 0 | Do. do. |
| Cutstone work .. .. .. .. | 0 | 9 | 0 | 0 | 13 | 3 | Due to increased value for stones and to redressing edges. |
| Cement plaster .. .. .. .. | 6 | 12 | 0 | 8 | 10 | 0 | Due to increased value for cement in casks from Rs. 12-8-0 to Rs. 16-6-0 and to insufficient provision for labour. |
| Wood-oiling .. .. .. .. | 2 | 12 | 0 | 3 | 4 | 0 | Due to high workshop charges. |
| Doors and windows .. .. .. .. | Varying rates. | | | | | | Due to outer dimensions entered and to rates not being proportionately reduced by the workshop. |

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The increased rates are necessary and can be passed. Until the rates committee (recently ordered) has completed its labours, it is not likely that the district schedules can be considered a safe guide to determining rates.

5. *Item* (*c*).—The deviations in materials of construction are chiefly on the following sub-heads :—

(1) A portion of the edge of front verandah was laid with cutstone in lieu of rubble masonry.
(2) Brick segmental arches were built over doors and windows in lieu of stone lintels.
(3) Masonry compound wall was constructed in lieu of wire fence.
(4) Cutstone was used in lieu of masonry for the spiral staircase.

These deviations are recommended for sanction.

6. *Item* (*d*).—The excess is due to the omission of dressing the corner stones of rubble masonry, to the omission for levelling edges of brick arches, to the omission for fixing lightning conductors, and to the omission for conveyance of workshop materials, and for scaffolding charges. These should have been foreseen when the original estimate was framed.

7. *Item* (*e*).—The excess on this sub-head is due to the construction of the shed for storing materials and to the item of sundries which was not sufficiently provided for.

8. The original estimate was not prepared in a satisfactory manner, and it is hoped that the repeated orders, which have been issued for some months past, regarding the necessity for greater care in the preparation of estimates, will now effect a reformation in this respect.

9. The provision of Rs. 100 for a lightning conductor has been cut out. A supplemental estimate for the improved type of conductor should be sent in due course.

(Signed) W. B. deWINTON,
Chief Engineer.

5th November 1898.

Order—No. 2992 W., dated 23rd November 1898.

The revised estimate, amounting to Rs. 21,700, as altered by the Chief Engineer, for constructing a Deputy Tahsildar's office at Kottapeta in the Gódávari district, is sanctioned in supersession of the estimate of Rs. 18,400 sanctioned in G.Os., Nos. 433 W. and 1875 W., dated 3rd February and 23rd June 1896, respectively.

2. The outlay on the work to end of 1897–98 was Rs. 16,609 and the current year's grant is Rs. 5,190. The excess provision of Rs. 99 is withdrawn and credited to the Provincial reserve.

3. Attention is drawn to the Chief Engineer's note read above.

4. The Superintending Engineer will report the name of the officer who prepared the original estimate.

5. The sanction accorded in paragraph 1 of these Proceedings has been registered as Provincial No. 86 W. of 1898–99, and classified as Civil Buildings—Original Works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, I Circle, with 12 enclosures.
„ Examiner, Public Works Accounts.
„ Revenue Department.

Exd. T. K. Narayana Aiyangar.

P.W. **DEPARTMENT.**

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

Print abstract of Board's Pro. Print

Current No. 5921 of 1898, dated 12th July 1898, from The Board of Revenue 1822 M

" " " 189 , " November 1898, " The Chief Engineer P.W.D

" " " 189 , " , "

No: 2992 W. 23.11.98.

GOVERNMENT OF MADRAS
3 NOV 98
REVENUE DEPARTMENT

## ORDER.

Issue the order with para 4 as added in pencil.
AK
22.11.98.

Dw
W DD

To

The Revenue Department

for favour of counter initial

The revised estimate, amounting to Rs 21,700, as altered by the Chief Engineer, for constructing a Deputy Tahsildars Office at Kottapeta in the Godavari District, is sanctioned in supersession of the estimate of Rs 18.400 sanctioned in G. Os Nos 433W and 1875W, dated 3rd February and 23rd June, 1896 respectively.

2. The outlay on the work to end of 1897-98 was Rs 16.609 and the current years grant is Rs 5.190. The excess provision of Rs 99 is withdrawn and credited to the Provincial reserve.

3. Attention is drawn to the Chief Engineers note read above.

1. Appd.

2. ~~Please name~~ the officer who prepared the original Estimate.

A.H.
19.11.98

4

The Supdg: Engineer will report the name

4. The S. E. will report the name of the officer who prepared the of the officer who prepared the original estimate original estimate.

~~4~~ 5. The sanction accorded in para 1 of these Proceedings has been registered as Provincial No 86 W of 1898-99, and classified as Civil buildings, Original Works.

AK
2.11.98.

5.11.98
W

22.11.98

To

The S. E. I Circle with Enclos.
" Examr P. W. Accts
" Revenue Dept

14/11/98

P T 6

P. W. 4.
500—24-3-98.

Note. The estimate is reviewed in the Chief Engineer's note read above.

Ack
2.11.98.

R.S. 8-11-98. H.E. 17.11.98 R 22.11.98

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P.W.Department.

C.No.5921 of 98.

2P

Note by the Chief Engineer, P.W.D.
Estimate for constructing Dy. Tahsildar's office at Kottapatta, Godavari Dist.

The revised estimate, amounting to Rs.21,800, and ~~as~~ reduced in this office to Rs.21,700, is submitted for the sanction of Government in lieu of the estimate amounting to Rs.18,400 sanctioned in G.O.Nos. 433 W and 1875 W dated 3rd February 1896 and 23rd June 1896 respectively

2. The excess of Rs.3,400, or 18.48 % over the sanctioned amount, is due to the following causes:-

| | |
|---|---|
| (a)~~To~~ Additional works.............. | Rs. 974 |
| (b)Increase in rates................. | ,, 928 |
| (c)Deviation in materials............ | ,, 819 |
| (d)Omission in estimate.............. | ,, 747 |
| (e)Insufficient provision............ | ,, 229 |
| (f)Contingencies & Petty supervision | ,, 45 |
| Total | Rs.3742 |
| Deduct savings................ | ,, 342 |
| Total excess | ,, 3400 |

3. Item (a) Additional works. The excess on this subhead is due to the provision of a Ryots shed, including extra land compensation, of Rs.40, vide G.O.No.3356 W dated 23rd November, 1896, and ~~to~~ Chief Engineer's Circular Memoranda noted in the -- margin. x

x
Memo No.3671 C d/26th Nov.1895.
,, No.1983 C d/20th Apl.1896
,, No.4610 C d/4th Dec.1896.
,, No.631Cd/1st Feb.1897

4. Item (b). The increase in rates is

is as follows:-

| Subheads. | original estimate | Revised estimate | Remarks. |
|---|---|---|---|
| Rubble in mortar, foundations. | 17- 2-0 | 17-14-0 | Due to increased rates for lime. |
| -Do- -do- superstructure | 18- 2-0 | 19- 4-0 | -Do- for labour. |
| Flat arch of brick.......... | 31. 0-0 | 35- 0-0 | -~~Do~~ Due-to omission of centerings. |
| Circular arch of brick....... | 32. 0-0 | 39- 0-0 | Do- -do-. |
| Cut stone work.............. | 0- 9-0 | 0-13-3 | -~~Do~~ Due-to increased value for stomes and to redressing edges. |
| Cement plaster.............. | 6-12-0 | 8-10-0 | -~~Do~~ Due to- increased value for cement in casks from Rs.12-8-0 to Rs. 16-6-0 and to insufficient provision for labour. |
| Wood oiling................ | 2-12-0 | 3- 4-0 | -~~Do~~ Due-to high Workshop charges. |
| Doors and windows....... | varying rates | | -~~Do-~~ Due to outer dimensions entered and to ~~still~~ rates ~~have~~ not being proportionately reduced by the Workshop ~~;probably due to actual charges.~~ |

The increased rates are necessary and can be passed. Until the Rates Committee (recently ordered) has completed its labours, it is not likely that the District Schedules can be considered a safe guide to determining rates.

5. Item(c). The deviations in materials of construction are chiefly on the following subheads:-

(1) A portion of the edge of front verandah was laid with cutstone in lieu of rubble masonry.

(2) Brick segmental arches were built over doors and windows in lieu of stone lintels.

(3) Masonry compound wall was constructed in lieu of wire fence.

(4) Cut stone was used in lieu of masonry for the spiral staircase.

These deviations are recommended for sanction.

6. Item(d). The excess is due to the omission of dressing the corner stones of rubble masonry, to the omission for levelling -- edges of brick arches, to the omission for fixing -- lightning conductors, and to the omission for ~~to~~ conveyance of Workshop materials, and ~~to~~ for scaffolding charges. These should have been foreseen when the original -- estimate was framed.

7. Item(e). The excess on this subhead is due to the construction of the shed for storing materials and to the item of sundries which ~~were~~ was not sufficiently provided for.

8. The original estimate was not prepared in a satisfactory manner, and it is hoped that the repeated orders, which have been issued for some months past, regarding the -- necessity for greater care in the preparation of estimates, will now effect a reformation in this repect.

No. It was not. A.S.H.

9. The provision of Rs.100 for a Lightning Conductor has been cut out. A supplemental estimate for the improved type of Conductor should

should be sent in due course.

A.K.
2. 11. 98

5-11-98

E.W.

P. W. 60.
250—5-9-98.

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Public Works Department.

Current No. 5921

Letter No 1822 Mis.

Dated 12th July 1898.

From the Board of Revenue.

NOTE BY TECHNICAL SECTION.

Name of work Constructing Deputy Tahsildars Office at Kottapetta, Godavery Dist.

Amount of Estimate Rs 21,800.

The ~~accompanying~~ revised estimate ~~and reduced~~ in this Office to the rate, amounting to Rs 21,800, is submitted for the sanction of Govt in lieu of the estimate amounting to Rs 18,400 sanctioned in G.O. Nos 433 W & 1875 W dated 3d February 1896 and 23d June 1896 respectively.

2. The excess of Rs 3,400 or 18.48% over the sanctioned amount is due to the following causes:—

| | | |
|---|---|---|
| (a) | To additional works. | Rs 974 |
| (b) | Increase in rates | 928 |
| (c) | Deviation in materials | 819 |
| (d) | Omission in estimate | 747 |
| (e) | Insufficient provision | 229 |
| (f) | Contingencies & Petty Supt. | 45 |
| | Total Rs | 3742 |
| | Deduct savings | 342 |
| | Total excess Rs | 3400 |

Sanction estimate, and make fair copy of note

A.K.
26. 10. 98.

5.11.98

2/7/98

Fair copy the note and pass the file to me

3. Item (a) Additional works. The excess on this sub head is due to the provision of a Ryot's shed including extra land compensation of Rs 40, vide G.O. No. 3356 W dated 23rd Novr. 1896 and to E.W.'s circular Memo.* noted in the margin ~~ordering cut stones to doorways, increased coefficient for painting doors and windows & to iron outlet pipes to suit joint words~~ drawing,

* Memo No. 631 dated 1-2-97
3671C - do - 26.11-95
4610C - do - 4-12-96
1983C - do - 20.4-96

4. Item (b) The ~~following~~ increased are rates ~~have been increased with causes for the same.~~ is as follows:-

| Sub heads | Original Estimate | Revised Estimate | Remarks |
|---|---|---|---|
| Rubble in mortar, foundations | 17-2-.. | 17-14-.. | Due to increased rates for lime. |
| Do. Do. superstructure | 18-2-.. | 19-4-.. | Do ~~-do- to insufficient~~ for labour |
| Flat arch of brick | 31-..-.. | 35-..-.. | -do- to omission of centrings |
| Circular arch of brick | 32-..-.. | 39-..-.. | -do- do do |
| Cut stone work | ..-9-.. | ..-13-3 | -do- to increased rates for stones & to redressing edges. |
| Cement plaster | 6-12-.. | 8-10-.. | -do- increased rates for cement in casks from Rs 12-8-.. to Rs 16-6-.. and to insufficient provision for labour. |
| Wood oiling | 2-12-.. | 3-4-.. | |
| Doors and windows | Varying rates | | -do- to high workshop charges.<br>-do- outer dimensions altered still rates have not been proportionately reduced by the workshops probably due to actual charges. |

The increased rates ~~can be~~ are necessary & can be passed. Until the Co. Rates Committee (recently ordered) has completed its labours, it is not likely that the District Schedules can be considered as a safe guide to deter-

5. Item (c). The deviations in materials of construction are chiefly on the following sub heads.

(1). A portion of the edge of front verandah was laid with cut stone in lieu of rubble masonry;

(2) Brick segmental arches were built over doors & windows in lieu of stone lintels

(3) Masonry compound wall was constructed in lieu of wire fence

(4) Cut stone was used in lieu of masonry for the spiral staircase.

These deviations are recommended for sanction!

6. Item (d). The excess is due to the omission of dressing the corner of rubble masonry, to bevelling edges of brick arches, to fixing lightning conductors, to conveyance of workshop materials & to scaffolding charges, these ~~it is submitted~~ should have been foreseen when the original estimate was framed.

7. Item (e) The excess on this sub head is due to the construction of the shed for storing materials and to the items of sundries which were not sufficiently provided for.

The savings are due mainly to the substitution of rubble parapet wall for brick ornamental wall & to 2½" of Portland cement concrete being used in lieu of 3/4" asphalte for floor also to the substitution of earth filling in basement instead of sand.

It will be observed from item 56 in the comparative statement that a lump sum of Rs 219 is entered for scaffolding, the necessity for this entry is not apparent, particularly when the sub heads "rubble in mortar" & brick in

ASK 26-10-98.

8. The original estimate was not prepared in a satisfactory manner, & it is hoped that the repeated orders, which have been issued for some months past regarding the necessity for greater care in the preparation of estimates, will ~~obviate such~~ effect a reformation in this respect.

9. The provision of the cost of a lightning conductor has been ~~left out~~. A supplemental estimate of the necessary type of conductor should be sent in due course

is shown in the data sheets but omitted provision for scaffolding. The lump sum provision of Rs 219 may thus be eliminated —

Insufficient provision

A sum of Rs 100 is entered for lightning conductor which appears to be insufficient for a building some 90 feet long & 100 ft. wide.

Cut out

The revised estimate has been countersigned by the Collector of the Dist...

26/10/98.

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Public Works
~~Revenue~~ (1898) Department.

CURRENT No. 5921

Quote [illegible] & Govt [illegible] & date abstract

**From**

The Board of Revenue, Land Revenue, Madras.

**Order**

No. 1822 Misc.

**Dated** 12th July 1898

**Received** } 15.7.98
**Registered** }

**Enclosures** 37 (4 plans)

**Spare copies**

## SUBJECT.

Submitting, with remarks, to Govt in the P.W. Dept. plans & estimates for the construction of a combined office for the Tahr. & the Staty. Sub. Magistrate, Amalapur, and a revised estimate for the Dy. Tahr's. office, Kattapetta, received from the Collr. of Godavari.

T/ For Secretary 22.7.98 abstract

W/

## BACK PAPERS.

| G.O. | No. | Department. | Date. |
|---|---|---|---|
| | 1875 W | P. W. | 23-6-98 |
| | 433 W | " | 3-2-96 |

## FURTHER PAPERS.

| G.O. | No. | Department. | Date. |
|---|---|---|---|
| | | | |

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Dis No 2618/Rev of 98 - Godavari Collector's Office.
Dated 13.6.98.

From
V. A. Brodie Esqre
Collector of Godavari.

To
The Secretary to the Commissioner
of Land Revenue Madras.

Sir

Referring to B.P. No 977 Mis/15.3.97 Communicating Proceedings of Public Works Department No 630 W. dated 5.3.97 requesting the Superintending Engineer to submit plans and estimates for constructing a new office building according to the standard design for the Tahsildar and the × stationary Submagistrate Amalapur, I have the honor to forward herewith+ plans and estimates amounting to Rs 34,000/. for the construction of the new buildings and two estimates amounting to Rupees 795 for demolishing the old buildings duly countersigned by me and to request -

× Separately dealt with ~~vide~~ by memo No 4849C/4-11-98

+ by Book post

that the Board will be pleased to obtain the sanction of Government for the same.

I have the honor to be
Sir
your most obdt Servant.
(Sd) V. A. Brodie
Collector.

Venkatachalapathi Ramadas
For Collector.

Sd
14.6.92.

No 530 G D.

From W. C. De Morgan Esquire M I C E.
Executive Engineer in charge.
First circle.

To

The Collector
Godavari District

Waltaire 6th June 1898.

Enclosures.
Revised Esti-
-mate for cut-
-chery building
Do Do for kitchen
cook-house.
Do Do for Compound
wall.
Do Do for Ryots shed
Do Do for latrine (open)
1 Do Do for land
Compensation
1 General abstract
Estimate
1 Comparative
statement
1 Data state-
ment.

9.

Sir

I have the honor to forward herewith a revised estimate amounting to Rs 21,800, for constructing Dy Tahsildar's Cutchery with out-houses at Kottapeta and request you will be good enough to countersign and transmit the same for the sanction of Government.

2 The comparative statement accompanying the estimate affords full explanation for the cause of excess over each item.

3. The original and supplemental estimates were sanctioned in G.Os Nos $\frac{423\ W}{3.\ 2.\ 96}$ Hag J. & $\frac{1875\ W}{23.\ 6.\ 96}$ Hag S. respectively.

I have the honor &c.
(SD) W. C. De Morgan.
Ex. Engr. in charge.
1st circle.

Dis No $\frac{2729}{Rev.}$ of 98 d/ 15.6.98

Submitted to the Board of Revenue
Land Revenue with the estimates of
duly countersigned, with the request
that the sanction of Government may
be obtained thereto, in reference to
the Correspondence ending with B.P.
Nos $\frac{1011 \text{ Mis}}{27.2.96}$ & $\frac{3358 \text{ Mis}}{21.7.96}$.

(Sd) V. A. Brodie
Collector

E. S. Somayajulu
For Collector.

Owt.1
5521/58

2000
25-4-98.

# Proceedings of the Board of Revenue

## (Land Revenue).

NO.1822 Misc.Dated 12th July 1898

Read again Board's Progs.No.2987 Mis.d/.10.8.1897.

Read also letter from V.A.Brodie Esq.,Collector of Godavari to the Secretary to the Commissioners of Land Revenue,Madras,Dis.No.2618-Rev.,dated 13th June 1898.

Read also endorsement of the same officer,No.2729-Rev., dated 15th June 1898,on letter from the Executive Engineer,in charge,First Circle,No.530 G.D.,dated 6th June 1898.

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Resolution

The plans and estimates forwarded by the Collector are submitted to Government in the Public Works Department with reference to its Proceedings quoted in the margin.

with memo 12+24 9r 4-11-98

630 W,dated 5.3.1897.
433 W,dated 3.2.96
1875 W.,dated 23.6.96.

2. The Collector's attention is again drawn to para 4 (f) of Board's Proceedings No.232 dated 26th June 1896 under which the ~~plans~~ plans and estimates should have been submitted to Government direct.

(True Extract)

Lionel Davidson

Ag.Secretary.

To the Secretary to Govt.,P.W.Department,with
Collr's.letters & enclosures.

-- Collector of Godavari.

Q.B .