

(1) Number of pages 14

(2) Date of repair _____

(3) Initials of the Referencer _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works **DEPARTMENT.**

G.O. No. <u>262</u>	Press Mis.
Dated <u>26</u> <u>1</u> 18 <u>77</u>	

Not to be folded or roughly handled

No. 510. Read the following Proceedings of the Madras Government in the Revenue Department, dated 18th January 1877, No. 336 :—

Read the following Proceedings of the Board of Revenue, dated 4th January 1877, Miscellaneous No. 59, on letter from Collector of Vizagapatam, dated 28th November 1876, No. 1,692.

In the Petty Construction and Repairs Budget for 1876-77, a sum of Rupees 600 was sanctioned for constructing the Salt Superintendent's Cutcherry close to the platform at Bimlipatam, and the work was transferred to Department Public Works.

2. The District Engineer has submitted the enclosed plan and estimate, amounting to Rupees 683, or Rupees 83 in excess of the sum provided for the work in the Budget for the current year, and I have the honor to request you will be so good as to obtain the sanction of Government for the same.

3. The District Engineer requests that the difference of Rupees 83 may be placed at his disposal at an early date.

SUBMITTED for the sanction of Government.

2. The excess can be met from savings.

APPROVED and transferred to the Public Works Department.

(True Extract.)

(Signed) D. F. CARMICHAEL,
Secretary to Government.

No. 511. ORDER THEREON, 26th January 1877, No. 262.

CIVIL WORKS, No. 29.

(a) *Heads of Service.*—Imperial.
Fund.—Ordinary.
Class.—Original Works.
Main-head.—Other Services.
Sub-head.—Civil Buildings.
Section.—D, Salt Department, Depôts and Superintendent's Cutcheries.
Name of Work.—Constructing Salt Superintendent's Cutcherry at Bimlipatam.
Amount.—Rupees 683.
To be carried out by the Public Works Department.

THE revised estimate, amounting to Rupees 683, is sanctioned.

2. The current year's appropriation for the work of Rupees 600 is subject to the provisions of G.O., No. 3,321, dated 8th December 1876.

3. This sanction has been registered as Imperial No. 124—W. of 1876-77.

(True Extract.)

Major-General, R.E.,
Secretary to Government.

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

Ed. S. T. Austin.
Spare Copies

Vizagapatam

Abstract. Estimate No 26 of 1876-77

Sahug Bimlipatam
District Vizianagaram

Work

Abstract Estimate of the probable cost of constructing a salt super-
intendent's Cutchery at Bimlipatam Salt Pans

Quantity	Particulars of work	Rate	Per Sq Yard	Amount	Total
21 ¹⁹¹ / ₄₃₂	Cyds of concrete work	18	Gd	32 27	✓
136	do of rough stone in chunam	1 1/2	do	238	✓
3 ¹ / ₄₈	do of brick work brick in chunam	4 1/2	do	14 57	✓
32.16 ³ / ₄	Sqrs of Plastering with 2 coats of chunam & white washed	26	Sq	76 64	✓
6.07 ¹ / ₂	do Flooring with lime kunker	18	do	9 19	✓
11.89 ¹ / ₂	do of Roofing with palm-leaf couples with double collar pieces, paper, nails pan-tiles & chunam borders & complete	15	do	178 69	✓
24.62	Cft of Country wood wrought and put up	18	Cft	36 40	✓
3	Pairs of country wood batten doors with frames iron fixtures & complete inside dimensions (2 1/2 x 5 1/2)	58	each	16 8	✓
3	do Windows do inside dimensions 2 1/2 x 3 1/2	38	do	10 8	✓
2	do iron barred windows with do (2 1/2 x 3 1/2)	7	do	14	✓
1 ⁵³ / ₇₂	Cyds of Brick in chunam to pillars	2 1/4	Cy	4 15 10	✓
87	Cyds of Excavating foundations and filling in basement			4	✓
				635 58	
	Petty supervision	6	Cent	38 1 11	
	Sundries	1	do	6 58	
	Contingencies	8	do	3 29	
	<i>Curriell</i> Collector			Total Rupees	683

This is to certify that the undersigned considers that this estimate provides for every thing necessary, and that no supplementary work will afterwards be required

Vizianagram Range Office
Vizianagram 7th November 1876

Walter dehorzan
Major R.B.
Range Officer
Vizianagram Range
District Engineer
Vizianagram

Specification to accompany Plan & Estimate of
the probable cost of constructing a salt superim-
-tendent Cutcherry at Bimlipatam Salt Pans
Estimate Rs 683

Foundation - Trenches to be executed to the depth shown in the estimate, if any unsound or made earth is met with, the overseer will report the circumstances to the Range Officer for orders; the bottom of trenches to be well rammed till they are equally hard throughout and perfectly level. Great care should be taken that the position of the trenches is not undermined by white ants, this is often the case and would cause immediate sinkage.

Concrete work - To be composed of 1 pure lime, $1\frac{3}{4}$ powdered brick, 1 clean sharp river sand, (no sea sand to be used) 5 broken stone, or 1 gravel large quality or hard bunker gravel perfectly free of earth (well sifted) and 5 broken stone, these ingredients (sand lime and powder brick) to be well sifted together in a dry state, water to be added and the whole well mixed and beaten, the stone with gravel to be then mixed with the mortar. To be laid in trenches to full width spread & levelled to required thickness and then beaten down with heavy rammers. If possible the whole of the concrete of the work in hand should be begun and finished within one day, if this is impossible one layer of 6" to be laid & rammed & followed the succeeding day by another layer.

Rough stone } Stones used to be of good size not less than
in chunam } 9" cube to be gneiss or other hard rock. Large stones to be roughly hammer-dressed to allow of their resting evenly on the bed without leaving hollows, interstices to be filled in with stone chips or broken bricks. The stones to be carefully set and bonded together, care to be taken that bunders or stones the full width are placed at frequent intervals. Each course to be well grouted. The proportions for lime and sand for 1 cubic yard are $3\frac{1}{2}$ Parabs of chunam and $5\frac{1}{4}$ Parabs

Estimated & Abstract - Estimate of the probable cost of constructing a salt superim- -tendent Cutcherry at Bimlipatam Salt Pans	Estimated Rs 683
By Range Officer Bimlipatam District	Estimated Rs 683 of 1876-77

Parahs of sand.

The arches over the doors and windows to be built of well burnt bricks in chumam, the proportions for lime and sand for one cubic yard are 6 Parahs of chumam and 9 Parahs of sand.

To consist of 2 coats a rendering and a floating coat. For a rendering coat the work is to be prepared by raking out the joints as for pointing and the surface of the work and inside of the joints must be well wet when they are swept clean. The rendering coat to consist of ^{and 1 1/2 parts of chumam & 3 parts of sand} mortar, the floating coat to be ground fine and polished in the usual way. The proportions for lime and sand for one square to be 5 1/2 Parahs of chumam & 5 1/2 of sand.

The rooms and verandah are to be floored with lime kunker, laid with water and well rammed, till it becomes quite hard.

To be composed of palmyrah couples with double collar pieces, reepers, nails, pantiles and chumam borders &c complete.

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

The pillars ^{15 square} are to be built of bricks ^{9 x 4 1/2 x 2 1/4} uniform in size thoroughly and equally burnt well and equally shaped. All bricks to be thoroughly saturated with water before being used. Every second course to be grouted with fluid mortar. No joint to be more than 1/2 inch thick. Every part of the pillars must be equally and soundly built, and every course must be levelled off before another is commenced. During the progress of the work the portion on which the workmen are not engaged must be kept covered with wet straw or mat. No half bricks or bats to be allowed. In foundations as the work rises earth to be filled in, rammed close to the walls, till the trenches are filled up to the level of the ground. Perfect level is to be maintained throughout. The proportions of lime & sand to be 3 1/2 Parahs of lime and 5 1/2 Parahs of sand.

There will be three pairs of country wood batten doors with frames iron fixtures &c complete. Two pairs of country wood batten windows with iron bars, frames iron fixtures &c complete. The dimensions of

Arch work brick in chumam

Clustering with 2 coats of chumam

Flooring

Roofing

Wood work

Brick in chumam

Doors & Windows

of doors to be (2 1/2 x 5 1/2) and windows (2 1/2 x 3 1/2). The doors and windows of the building to be painted with Carsons paint, Chocolate Colour.

On completion of the work all rubbish to be cleared away and the premises to be left in a clean condition, and some person left in charge until the building is occupied.

Walter de Morgan

Range Officer
Vijayanagram Range

gram Range Office
gram 7th November 1876

Approved
District Engineer, Tirunelveli

Revenue Department

99

Proceedings of the Madras Government

Read the following Pro. of the Board of Revenue dated 4 January 1877, No. 59 on letter from Collector of Vizagapatnam dated 28 Nov. 1876, No 1692. —

In the Petty Construction and Repairs Budget for 1876-77, a sum of Rs. 600 was sanctioned for constructing the Salt Superintendent's cutcherry close to the platform at Bimlipatam, and the work was transferred to D.P.W.

2. The District Engineer has submitted the enclosed plan and estimate amounting to Rs. 683 or Rs. 83 in excess of the sum provided for the work in the Budget for the current year and I have the honor to request you will be so good as to obtain the sanction of Government for the same.

3. The District Engineer requests that the difference of Rs. 83 may be placed at his disposal at an early date.

Submitted for the sanction of Government.

The

1876
Department
Estimated No. 1.
Sanctioned from the
D. P. W. Budget for the
current year Rs. 600
1876, 28 Nov 1876

28 Nov 1876

Specification to accom-
pany Plan & Estimate
of the probable cost of
constructing a Salt-
Superintendent's cutcherry
at Bimlipatam Salt
Farm
(Rev. 20/1/77)
Estimate 18683.

2. The excess can be met from savings.

Order thereon, 18th January 1877, No 336

Approved and transferred to
the Public Works Department.

(True Extract)

H. J. H. H.
Secretary to Govt.

The Public Works Department
withdrewals

L. W. R. S.

(a) Heads of Service—*Superior*

Fund. *Ordinary*

Class. *Original Works*

Main-head. *Other Services*

Sub-head. *Civil Buildings*

Section. *1. Salt Dept. 2. Salt Dept. 3. Salt Dept.*

Name of Work. *Construction of Salt Dept. at Manipal.*

Amount. *Rs 683*

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

Print in the margin of G. O. No 262 of 26/7/77.

Ng. 606

4336.

This sanction has been
registered as Amor
Imperial No. 12477
12477 of 1867-77-

QD 24-4-76. h. 1022
.. 8-12-76 .. 3361.

Approving, the Pro: of
the Board of Revenue, and
requesting to place at the disposal
of the District Eng^r, the difference
of Rs. 83 in the construction of
Salt Dup^{er} Catchery close to the
platform at Bimillipatam

Cir 24-1-77. A 15-1-77.

Witroven.

23.1 ✓
Ch. Gov.
Govt. of 1877 Madras.
PUBLIC WORKS.

To *The R. S. Vizagapatam*

Dated

Issued

Recd.

Encl.

G. O., *25th Jan^y* 1877, No. 262

Nos. 70-511

Salt Supply at
Kinlipatam, Vizaga-
-patam Dist. - Estimate

of Rs 683 for construct-
-ing a ———— Sanction

Sanctioned