M.R.O. 1—77,006—8-6-57.

(1) Number of pages 12

(2) Date of repair 11/2002

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public works DEPARTMENT.

G.O. No. 3126 Press Mis.
202-203

Dated 11. 12. 1871.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department,
11th December 1871.

No. 202. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Dowlaishweram, 20th November 1871, No. 2,605 :—

As proposed in paragraph 8 of the letter from the Inspector-General, Indian Medical Department, embodied in G. O., No. 28, dated 6th instant, I have the honour to forward herewith, for the sanction of Government, a plan and estimate, amounting to Rupees 800, for constructing a water-raising apparatus, and filtering and washing cisterns, etc., to the well at the Lunatic Asylum at Waltair. Plans and estimates for other works proposed by the Inspector-General will be submitted for the sanction of Government when received from the Range Officer.

1 Plan.
1 Estimate.
1 Specification.
1 Copy of letter, No. 490, dated 2nd instant.

2. Copy of a letter received from Captain Beatty, with the estimate now submitted, is also enclosed for information.

No. 203. ORDER THEREON, 11th December 1871, No. 3,126.

SANCTIONED.

CIVIL WORKS, No. 13.

(True Extract.)

The Engineer's Office
Vellore
2nd November 1871

No 490

From The Executive Engineer
Vizagapatam

To The Supdg Engineer
1st Division

Sir,

In your letter to Government No 1435 of 29th July 1871, you proposed that a sum of Rs: 734 should be reserved out of savings effected on the General Estimate of the Lunatic Asylum, Vellore, for some work required at the well, for which an Estimate would be submitted. I have now the honor to furnish the plan and Estimate in question, which has been framed in Communication with the Superintendent of the Asylum, and approved of by the Official Visitors at their last Committee meeting.

2 The water raising apparatus is the simple drum and buckets which has been found to answer well for the deep well at the Jail, and the filtering apparatus is of the pattern recommended by the Inspector General of Jails.

I

Sham Dr 0 3

Signed J. Beatty Capt. RE
Executive Engineer Vizagapatam

(Seen Col.)

Mo: Hutchins Major RE
Offg Chief Engr. 1st Division

Abstract Estimate of the probable expense of Constructing a Water-raising Apparatus and Filtering & washing Cisterns to the well at the Lunatic Asylum Waltair.

Vizagapatam

Particulars of Work	Rate	Per Diem	Amount	Total
Water-raising Apparatus				
64½ Cyds of pubble masonry in chunam	1	12 Cyd	75 14	
Do of Concrete work	1	12 Do	5 4 6	
3·10⅝ Sqrs of plastering with 3 Coats of chunam	3	5 Sqr	25 29	
7·60 Cft of teak wood wrought and put up	3	8 Cft	181 11	
51·9/25 Water raising apparatus including fitting up			30	
2 Rft of iron railing to well platform and steps	1	Rft	12 12	
2 Galvanized iron buckets	7	8 Each	15	
1 Do iron chain		2 6 Rft	12 8	
80 Rft of iron chain	11	Sqr	3 4 9	
0·30 Sqrs of Calstone work to steps			8	
Excavating foundation and filling in			4 18 13/16	
Contingencies & superintendence	10		41 5 8	460
Filtering & reservoir Cisterns				
63⅓ Cyds of pubble masonry in chunam	1	12 Cyd	110 13 4	
Do of arch work in Do	1	13 Do	21 13 8	
4·12 5/18 Sqrs of plastering with 3 Coats of chunam	3	5 Sqr	24 8 10	
1·1/2 Sqrs of Calstone work		8 Cft	3 8	
2 Teak wood doors with frames &c Complete	8	Each	16	
2 Do iron doors to filtering Cisterns	3	Do	6	
2 Stop Cocks	1	8 Do	3	
Coarse sifted sand for the filtering Cisterns			8	
Carried over Rupees			193 11 10	

Enclosure with
letter dated 26 Oct 1858
to Executive Engineer
Vizagapatam
Executive Engineer
Waltair
Lunatic Asylum &
Executive Engineer
Vizagapatam
Lieut. R.E.

		Brought over Rupees			193 11 10
	Charcoal for the filtering Cisterns				10 . .
	Excavating foundation & filling in basement				10 . .
					213 11 10
	Contingencies & superintendence	10	. . Pct	21 13 2	
					235

Washing Cistern

13-5 9/16	Cyds of rubble in masonry in chunam	1 12	. Cyd	23 11 9	
2-2 1/4	Do of arch work Do	1 13	. Do	10 . 5	
1-47 1/8	Sqrs of plastering with 3 Coats of chunam	3 5	. Sqr	3 7 5	
	Excavating foundation & filling in basement		. . .	3 . .	
				43 3 7	
	Contingencies & superintendence	10	. . Pct	4 12 5	
					48

New pavement about the Cisterns

4.56	Sqrs of flooring with rectangular Cuttack slabs in parallel Courses dis pointed with bituminous mortar	11	. . Sqr	50 2 6	
10 2/3	Cyds of Concrete work	1 2	Cyd	12 . .	
				62 2 6	
	Contingencies & superintendence	10	. . Pct	7 13 6	
				70 . .	
	Deduct 13/4 sqrs of Cuttack pavement & thepremoved			13 . .	57
			Grand Total Rupees		800

Executive Engrs Office
Waltair
23rd October 1871.

R. Beatty Capt RE
Executive Engineer
Vizagapatam

Examined
E. Mutty Lt.
RE
Asstt Engr

W. Fitzhugh Major RE
Asstt Superintg Engr

SUPERINTENDING ENGINEER'S OFFICE, 1ST DIVISION.

DOVELAISEWARUM, 28th November 1871

No. 2605

From

Major J. F. Sheldon R.E.
Acting Superintending Engineer
1st Division

To

Colonel J. Carpendale R.E.
Secretary to Government D. P. W.
MADRAS

SIR,

I have the honor to forward herewith Sketch Plan and Estimate amounting to Rupees 800, for constructing a water-raising apparatus and filtering and washing cisterns for the supply of the Lunatic Asylum at Waltair, and for other works proposed for the same Asylum at Waltair as per Sketch Plan and Estimate submitted from the Range Engineer, Vizagapatam, for the information of Government.

2. The Civil Surgeon of Vizagapatam reports that the Lunatic Asylum at Waltair is much in want of a supply of water, and that the present supply is insufficient and unsuitable.

3. The Range Engineer, Vizagapatam, has been requested to submit a Sketch Plan and Estimate for the proposed works, and I have the honor to forward the same for the information of Government.

I have the honor to be
Sir
Your most obedient Servant
Maj. J. F. Sheldon R.E.
Acting Superintending Engineer
1st Division

To Estimate No. 30 of 1871-72.

Town or Vizagapatam
Range Vizagapatam
District.

New Works
Civil Buildings
Provincial

Constructing a Water-raising Apparatus and Filtering and washing Cisterns to the well at the Lunatic Asylum Waltair

Estimate Rupees 800---

Abstract Estimate
P. W. 5643/71.

Rec'd 6 Nov 71 W 28 Nov

P. W. 1871 Departt.

From

No 5643.

The Actg. Supty. Engineer

1st Division

To The Secretary to Government

Pub. Works Department

Madras

Dated 20th November }
Recd: 28th No 2605 } 1871

2 to 4 Encl.

Forwards for the sanction of Government a plan and Estimate amounting to ~~Rs~~ 800 for constructing a Water-raising apparatus filtering and washing Cistern to the Well at the Lunatic Asylum at Waltair

~~Rs~~ 3126 - With Letter of 71

Sanctioned Rs 3126.

Rec'd 13/12/71.

Copy to Chief Engr. for information

Copy to Collector of Vizagapatam for information

C 2nd Dec 71 No. 7

No. 543

Govt. of [1871] Madras.

PUBLIC WORKS.

Supdg Superintending Engr
1st Division

Read.

Read. Vol. 3
G. O. 11th Decr 71, No. 3126.

Nos. 202 & 203

Lunatic Asylum at Valtair.

Estimate Rs. 650 for
Construction a Water-Raising
Apparatus, &c, & Windmill
at the Lunatic Asylum
at Valtair, Sanctioned.