M.R.O. 1—77,006—8-6-37.

(1) Number of pages 1

(2) Date of repair

(3) Initials of the Referencer

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 321 Press
Mis.
222:223

Dated 10 — 10 1866.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 10th October 1866.

No. 222. Read the following letter from the Acting Superintending Engineer, 1st Division, to the Secretary to Government, Public Works Department, dated Waltair, 24th September 1866, No. 124 :—

1 Plan.
1 Estimate.
1 Comparative Statement.
1 Specification.

* 2 Wells at Vizagapatam ...	Rupees	800
1 Well at Vizianagrum ..	,,	472
	,,	1,272

1. I have the honor to enclose comparative statement and estimate for excavating wells in the Lines of the 31st Regiment at this station, Rupees 800* were sanctioned in G. O. No. 1,919 of 20th June 1866, but it has been since found that the depth was insufficient, and to procure a constant supply it will be necessary to excavate ten feet lower than was originally intended.

2. The bricks made in this place are so inferior that Captain Smalley has thought it better to steen the well with stone, as brick masonry is not likely to last. I fully agree in his opinion, and think it advisable to add a little to the first cost to increase the permanency of the work.

3. If the Government will be pleased to sanction this expenditure, and the additional sum be needed during the current year, I shall be able to supply it by a transfer from Minor New Works, but would beg to defer the naming of any actual sum till the progress of the work, not yet commenced, shows how much is needed.

No. 223. ORDER THEREON, 10th October 1866, No. 3,221.

MILITARY WORKS, No. 8.

1. Under the explanation afforded by the Superintending Engineer of the 1st Division, the Government sanction the supplemental estimate of Rupees 572 for the construction of wells in the Cantonment of Vizagapatam.

2. The estimate for wells at Vizagapatam and Vizianagrum which was sanctioned in the Proceedings of Government No. 1,905, dated 16th July 1863, will be increased under these orders from Rupees 1,272 to 1,844.

(True Extract.)

(Signed) CHARLES A. ORR, Colonel, R. E.,
Secretary to Government.

To the Superintending Engineer, 1st Division.
,, Accountant General.
,, Controller of Public Works Accounts.
,, Military Department.

Exd. S. T. Augustin.

Encls in a letter No 124
d/ 24th September 1866
from Capt Engr 1st Dist
comparative state-
ment showing the
difference between
the Original and
Revised Estimates
for constructing
2 Wells in the Lines
of 31st Regt N.I.
at Nagpur

P.W. 4036/66

3

Comparative Statement showing the difference between the Original & Revised Estimates for constructing two Wells in the Lines of the 31st Regiment N. I. at Vizagapatam

Original Estimate — Description of Work	Quantity	Rate	Per Mem	Amount	Total	Revised Estimate — Description of Work	Quantity	Rate	Per Mem	Amount	Total	Excess	Saving	Remarks
Cyds of Excavation of Earth work	835	- 2 -	Cy.	1046		Cyds of Excavation of Earth work	106.9216	- 8 -	Cy.	4	77 3			
Do constructing Well with brick in Chunam	91 3/8	2 8 -	Do	22928		Do of Do	100.8802	- 1 -	Do	6	410			
Do of foundation Rough stone in Clay	7 4/9	- 11 -	Do	5 110		Do of Do	95.0334	- 14 -	Do	7	148			
Cyds of paving the floor round the Well with Cutstone over foundation	2 1/100	8 11 -	Cyd	1775		Do of Do	89.3610	- 18 -	Do	9	411			
Bottom wooden Chutrum with ropes &c Complete	1	10 - -	Each	10 - -		Do of Do	83.8832	- 2 -	Do	10	78			
				366 111		Do of Do	78.5400	- 24 -	Do	11	73			
Extra Establishment & Sundries		10 - -	Rs	33 141		Do of Do	73.3912	- 28 -	Do	12	38			
Total for one Well				400 - -		Do of Do	68.4170	- 3 -	Do	12	133			
Do for two Wells				800 - -		Do of Do	63.6174	- 34 -	Do	13	4 -			
						Do of Do	58.9922	- 38 -	Do	13	83			
						Do of Do	54.5416	- 4 -	Do	13	101			
						Do of Do	50.2656	- 44 -	Do	13	99			
						Do of Do	46.1640	- 48 -	Do	13	75			
						Do of Do	[illegible]	- 5 -	Do	13	32			
						Do of Do	38.4846	- 54 -	Do	12	133			
						Do of Do	34.9066	- 58 -	Do	12	59			
						Do of Do	31.5032	- 6 -	Do	11	13 -			
						Do of Do	28.2744	- 64 -	Do	11	3 -			
						Do of Do	25.2200	- 68 -	Do	10	81			
							1170.5742							
										214	57	109	157	
						Rft of cutstone lining the Well	60	6 89	Rft	3923	-	163	104	
						Cyds of Rough stone in Chunam	7 4/9	1 10 -	Cyd	12	17	6	159	
						Sqrs of cutstone counter sloping pavement round top of Well	2 2/100	11 - -	Sqr	22	49	3	104	
						Bottom wooden Chutrum with ropes &c complete	1	10 - -	Each	10	- -	-	- -	
										837	51	203	5 10	
										6	83	285	4 -	
								5 - -	Rs	340	1	2	10 2	
						Contingencies				686	- -		286 - -	
						Total for one Well				1372	- -			
						Do for two Wells				800	- -			
						Deduct the amount already sanctioned				572	- -			
						Balance now requiring sanction								

Lieut Colonel
Superintending Engineer

Vizagapatam
The 26th August 1856

Examined
Assistant Engineer

Examined
Assistant Engineer

Vizagapatam
The 31st August 1856

Approved
Captain
Executive Engineer
Vizagapatam

Approved
Executive Engineer
Vizagapatam

No. 7 Ramachandrah

No. 124.

Supt. Engr. Office 1 Dn.
Waltair 24th September/66.

From,

Lieutt Colo. F. J. Moberly R.E.
Actg. Superintending Engr. 1 Dn.

To,

Colonel C. A. Orr R.E.
Secretary to Government P.W.D
Madras.

Sir,

Encls. 4
1 Plan
1 Estimate.
1 Comparative Statement.
1 Specification.
4

× 2 Wells at Vizagapatam } 800
1 Well at Vizianagrum } 472
1272

I have the honor to enclose comparative Statement and estimate for excavating wells in the lines of the 31st Regiment at this Station. Rs. × 800 were sanctioned in G.O. No. 1919 of 20th June 1866, but it has been since found that the depth was insufficient and to procure a constant supply it will be necessary to excavate 10 feet lower than was originally intended.

2. The bricks made in this place are so inferior that Captain Smalley has thought it better to stein the well with stone, as brickmasonry is not likely to last. I fully agree in his opinion, and think it advisable to add a little to the first cost to increase

increase the permanency of the work.

3. If the Government will be pleased to sanction this expenditure, and the additional sum be needed during the current year, I shall be able to supply it by a transfer from Minor New works but would beg to defer the naming of any actual sum till the progress of the work not yet commenced shews how much is needed.

I have &c

J. Underhay Lt Col R.E.

Actg Supt Engineer 1st Div

No. 3221 Public Works Department

PROCEEDINGS of the MADRAS GOVERNMENT.

Under date the 10th October 1866.

Read the following

From the Ag. Supg: Engineer

the 1st Division (Here enter No. 124 & 24th September 1866.)

Under the explana-
-tion afforded by the Super-
-intending Engineer of the
1st Div., the Government
sanction the Supplemen-
-tal Estimate of Rs. 572
for the construction of
wells in the Cantonment
of Vizagapatam.

2. The Estimate for
wells at Vizagapatam
and Vizianagram which
was sanctioned in the
Proceedings of Govt.
No. 1905, dated 16 July 1863,
will

From the Asst. Comr. Vizagapatam
To the Superintending Engr. 1st Div.
Do Secretary to Govt.
Mil. Dept.
Dated 24th September 1866.
Rec'd 25th Do Do
Read 25th Do Do
Circulated 26th Do Do
No. 124
Encls. 4.

Estimate for sanction of
erection of Wells for ex-
-cavating Wells in the Can-
-tonment at Vizagapatam.

No. 3221 - 10th October 1866.

bin 5 with W.O. letter 222

will be increased un-
der these orders from
(Rs. 1272 to 1841.

Sd/- S. Pine 1st Draughtsman X
" Accountant
" Cashier
" Surveyor
Dept. 11th October

X one detailed Estimates
one sheet

IV

1866 Despatch

Proceedings for October 1866.

No. 3221.

Copy of the Madras Govt.

No. 1112 October 1866

The Supplemental estimate of Rupees 5772 for the construction of wells in the Cantonments of Vizagapatam sanctioned per

No 222 @ 223

6 in - 5 Oct 1866