2 Date of Repn.
3 Initials of Reference.

M.R.O. 1—21,000—22-11-50

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Con. 16-6-57

G.O. No. 1127 Press Mis.

Dated 25-6 1857

Not to be folded or roughly handled

Fort Saint George, Public Works Consultation of 16th June 1857.

No. 39. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government, dated 26th May 1857, No. 660.

SIR,

1. I have the honor under Clause 2, of Extract Minutes Consultation, No. 696, dated 18th October 1855, to forward to Government, with copy of a letter, No. 427, dated 23rd April 1857, from the Acting District Engineer Ganjam, the following estimates.

2. No. 1, of Rupees (390) three hundred and ninety, is a supplemental estimate, for the Sea Custom House at Gopaulpore, the cause of the sanctioned amount not sufficing, being the necessity of giving to the foundations of the building an additional depth of 3 feet.

1. Rs. 2673-8, portion of Item, No. 18 in statement 2 of Budget for 1857-58.

3. The Acting District Engineer states, that the original estimate framed by Captain Rundall, was a general one for a Sea Custom House in good soil, without reference to the special circumstance of the village of Gopaulpore, which is built almost entirely on loose sand hills.

4. The site selected by the Engineer, and Revenue Officers, is observed to be the most convenient, and there was evidently no choice of soil.

5. Every endeavour is stated to have been made by Lieutenant Philipps, to cover the cost of the additional foundations, by strict economy in the work, but without avail, owing to the expense of conveying materials, across the heavy sand lying between the village, and the beach.

6. No. 2, of Rupees (580) five hundred and eighty, is for constructing a road between the village of Gopaulpore and the Custom House; the present average daily traffic is given at, from 4 to 500 Carts, and the Acting District Engineer thinks it probable, that the same number pass during the nights. At the time of Lieutenant Moberly's visit to the Custom House, there were 5 European Ships waiting in the roads for Cargo, the necessity therefore of the proposed road is sufficiently apparent.

7. The road* is to be 7 yards in width, 6 yards of which is to be covered with gravel 6 inch in thickness.

* 450 yards in length.

8. No. 3, of Rupees (400) four hundred, is for sinking a well in the immediate vicinity of the Custom House, which is stated to be much required; both for supplying the shipping, and the large number of draft cattle going from the interior to the port.

9. Considering the three works for which estimates are now submitted to be urgently required, I trust that sanction will be accorded for their immediate execution, the cost to be defrayed from the amount of Rupees (16,000) sixteen thousand, allotted to the Ganjam District, from the funds provided in Extract Minutes Consultation, No. 461, dated 12th March 1857, for supplemental, and emergent estimates, and isolated works.

No. 40. ORDER THEREON, No. 1127, dated 11th June 1857.

With this letter, the Chief Engineer forwards the undermentioned three estimates for works in the Ganjam District and recommends that sanction be granted for their immediate execution.

	Rs.
Supplemental estimate for additional depth of foundation to the Sea Custom House at Gopaulpore	390
Constructing a road between the village of Gopaulpore and the Custom House	580
Constructing a Well and Trough in the vicinity of the Custom House	400

2. In explanation of the necessity for the first of the above works it is stated that the original estimate for the Custom House amounting to Rupees 2,673 and sanctioned by Government on the 30th* November 1855 was prepared by Captain Rundall as for a building on good soil, "without reference to the special circumstances of the village of Gopaulpore" which is said to be "built almost

* Extract Minutes Consultation No. 857.

entirely on loose sand hills." The Governor in Council regrets this oversight on the part of Captain Rundall, but as the proposed additional depth of foundation to the building is thus shewn to be necessary, he is pleased under the provisions of No. 1 of the Rules of the Government of India of 1st* August 1856, to sanction the immediate execution of the work at the estimated outlay of Rupees (390) three hundred and ninety.

* Extract Minutes Consultation 28th August 1857, No. 1549.

3. The remaining two works are also shewn to be very necessary, and as it is desirable that they should be completed simultaneously with the Custom House, the Governor in Council sanctions out of the one lac fund the estimates submitted, amounting respectively to Rupees (583) five hundred and eighty and (403) four hundred, in view to the works being proceeded with immediately.

(Signed) H. FORBES,
Acting Secretary to Government.

District Engineer's Office Ganjam
Camp Chatterpore
23d April 1857.

No. 427

"Revenue" From The Acting District Engineer
General Ganjam

To The Chief Engineer
2 D. K. W.
Fort St. George

Sir,

1.— I have the honor to enclose a Supplemental Estimate for the Kopaulpore Sea Custom House— the original Estimate framed by Captain Rundall was a general one for a Sea Custom House in good soil, without any reference to the special circumstances of this station.—

2.— Kopaulpore is built almost entirely on loose sand hills and the only convenient site was necessarily on sand very little above high water.— Major Birdwood and Mr Davidson both concurred in the selection— but this entailed a larger foundation than was originally allowed.:

3.— Lieutenant Philipps endeavoured to cover this by economy in work but has found it impossible, owing to the difficulty of conveying materials over the heavy sand lying between the village and the beach— and is therefore compelled to request a further sanction of money.—

4.— On my visit to the Custom House with Lieutenant Philipps. I found a long

Strong

string of bandies dragged across the waste of sand with the utmost difficulty. the Traffic returns shows an average of from 4 to 500 bandies per day. and I believe that taking one night with another there will be an equal number after dark P.

5.- There were 5 Ships (European) lying in the roads waiting to load with this produce.

6.- I therefore requested Lieut. Phillipps to prepare an Estimate for this portion of road which has not been allowed for in the previous Estimate. and shall be obliged by your procuring early sanction for the same as an emergent work P.

7.- I enclose also an Estimate for a well in the immediate vicinity of the Custom House as which will be of great service for supplying both the Ships in the roads and the large numbers of draft cattle which come down to the Port.

I have &c.

Camp Chatterpore 23d April 1837

/ Sd/ T. J. Moberly Lieut.
Actg. Dist. Engr. Ramjaun.

/ True Copy /
Offg. Asstt. Colonel
Chief Engineer

100

Enclosures in a letter from
the Chief Engineer
to the Secretary to Government
Fort Saint George.

Dated 8th May 1857.
Read 13th May 1857.

No 660

Copy of letter from the Assistant Engineer Ganjam Division dated 26th March 1857 submitting Estimate for the formation of a road over the Sand Hills from Gopalpore to the Custom House, and a Plan of the Road.

No 39

Public (roads) [New Work]

Abstract of Estimate No. of 1857.

Road No.

District. Ganjam.

Work. Formation of Road over the Sand Hills, from the Village of Gopalpore to Sea Custom House.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds.		Rs	As	P	Rupees	Rupees
8100	Earth work ——— 1 C.yd.	"	"	4	169	
525	Clay ——— Do.	"	4	"	131	
450	Gravelling ——— Do.	"	6	"	169	
900	Running yds. of Hildara double hedge to Keep off Sand 1 Rood	"	1	"	56	
	Sundries ———				19	
	Superintendence ———				36	
	Total Company's Rupees					580

Central Office of D.P.W.
Fort Saint George
26 May 1857

Lieut Colonel
Chief Engineer D.P.W.

W
A. Asst Engr N.C.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds.		Rs	As	P	Rupees	Rupees

Enclosure
In a Letter

From
The Chief Engineer
D. P. W.

To
The Secretary to Govt.
D. P. W.

No. 39
Dated 26th May 1857
Received 3 June
P.W. 1072/57
No. 660

Abstract Estimate for
Formation of Road over
the Sand Hills from the
Village of Gopalpore to Sea
Custom House in the
District of Ganjam
Amounting to Cs. Rs. 580-0-0

117

Public (roads) (New Work)
Abstract of Estimate No. of 185 5
Road No.
District Ganjam

Work Constructing of Additional Foundation to Custom House at Gopalpoor Increasing the depth from 3 to 6 feet.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds.		Rs.	As.	P.	Rupees	Rupees
	Custom House					
242 15/54	Rough Stone in Chunam @ 6/4	1	4	0	303	
	Filling in Basement				37	
	Sundries				16	
	Superintendence				34	
	Total Company's Rupees					390

Central Office of P.W.
Fort Saint George
26 May 1857

Actg. Lieut. Colonel
Chief Engineer D. P. W.

W
A. Dy. Engr. N.C.

Quantities	Description of Work	Rate			Amount	Amount for each part
C. Yds.		Rs	As	P.	Rupees	Rupees

Enclosure
Inw Letter

From
The Chief Engineer
D. P. W.

To
The Secretary to Govt.
D. P. W.

Dated 26th May/57
Received 31st May/57

P.W. 1072/57
No. 160

Abstract Estimate for
Construction of Additional
foundation to Custom House
at Gopalpore increasing the
depth from 3 to 6 ft in the
District of Ganjam.
Amounting to Rs. 390-0-0

Public Works Depm

No. 1127 1/2

Extract from the Minutes of Consultation
Under date the 11th June/57.

Read the following
letter from the Chief
Engineer.

(Here enter 26 May/57 No 160)

A

With this letter the
Chief Engineer forwards the
undermentioned three Esti-
-mates for works in the
Ganjam District and recom-
-mends that sanction be
granted for their immediate
execution.

	Rs.
Supplemental Estimate for giving addi-tional depth of foundation to the Sea Custom house at Gopalpore . . .	390
Constructing a road between the village of Gopalpore and the Custom house . .	380
Constructing a Well and Trough in the vicinity of the Custom house . . .	400

2 In explanation of the necessity for the first of the above works it is stated that the Original Estimate for the Custom house amounting to Rs 2673 and sanctioned by Govt on the 30th Novr 1855 was prepared by Captain Rundall as for a building on good soil, "without reference "to the special circum- "stances of the village of "Gopalpore" which is said to be "built almost "entirely on loose sand "hills." The Governor in Council regrets this oversight in the part of Captain Rundall, but as the proposed additional depth of foundation & the building is there shewn to be necessary, he is pleased, under the provisions of

No

× Ch. Ltr. No 857

Ch. Ltr. 28 August 1856 No 540.

No 1 of the Rules of the Govt of India of 14th August 1856, to sanction the immediate execution of the work at the estimated outlay of Rs (390) Three hundred and ninety.—

The remaining two works are also shewn to be very necessary and as it is desirable that they should be completed simultaneously with the Custom house, the Governor in Council sanctions out of the one lac fund the Estimates submitted amounting respectively to Rs (580) Five hundred and eighty and (400) Four hundred, in order to the works being proceeded with immediately.—

9 Copies to the Chief Engr with enclosure Dispe 12

Public Works 1857 Dept.
No. 2 to Cons: 16th June

No. 1127.

Extract Mins: of Cons:
Dy. 11th June /57.

Sanctioning on emergency the additional depth of foundation to the Sea Custom House at Gopaulpoor in the Ganjam District and granting similar sanction to the 2 estimates one for Constructing a road between Gopaulpore and Sea Custom House and another for a well and Trough in the vicinity of the Custom House out of one lac fund.

23 October /55 Pr. 31
14 Dec. " 24-32
17 March /57 14

No. 39 440