Public Works (1897) Department.

G.O., No. 1045 W

DATED 14 april 1897

[Despatch Abstract.]

Quarters with Outhouses for the Port Officer
at Calicut: Revised estimate of Rs. 18,160
for Constructing —, Sanctioned with remarks
and Suptg. Engineers directed to take steps to pre-
vent inaccurate and misleading estimating
and to see that estimates are complete in
every respect on first submission.

JC 14/4/97

Indexed 15/4

BACK PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
	~~159 E~~		~~5.3.97~~				
	217 Mar		6.3.97				
	~~15~~						
	159 E		5.3.97				
		& file					

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.

BUILDINGS AND ROADS.
CIVIL WORKS.

Government {1897} of Madras.
PUBLIC WORKS.

Recd. } 1897. *Enclosures*
Regd. } *Spare copies*

G.O., No. 1045 W., 14th April 1897.

APRIL.

Quarters with out-houses for the Port Officer at Calicut

Revised estimate of Rs. 18,160 for constructing —, sanctioned with remarks, and Superintending Engineers directed to take steps to prevent inaccurate and misleading estimating and to see that estimates are complete in every respect on first submission.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

From J. HANNAN, Esq., Superintending Engineer, IV Circle, to the Presidency Port Officer, Madras, dated Coimbatore, 14th February 1897, No. 83/M.

I have the honour to forward, for your approval and transmission to Government for sanction, a revised plan and an estimate amounting to Rs. 18,160 for constructing quarters with out-houses, &c., for the Port officer at Calicut.

The original estimate of Rs. 14,100 was sanctioned in G.O., No. 1305 W., dated 23rd April 1896, and the excess of Rs. 4,060 over this estimate is due to the following items, the necessity of which is explained in the accompanying report and comparative statement :—

	RS.
An additional stair case to upstair bath-room	436
Enclosing the upper verandah with glazed and panelled shutters ...	914
Clearing site and making road-way	50
Constructing a covered passage	487
Constructing a portico	487
„ a well	215
„ a compound wall	1,471
Total ...	4,060

The original plans and estimate are also herewith sent for information.

From Commander H. A. STREET, R.I.M., Presidency Port Officer, Madras, to the Secretary to Government, Marine Department, dated 22nd February 1897, No. 1678/55 G.

With reference to paragraph 4 of G.O., No. 1305 W., dated 23rd April 1896 (Marine G.O., No. 338 of 15th May 1896), I have the honour to forward, duly countersigned, for sanction and allotment of funds, a revised estimate of Rupees (18,160) eighteen thousand one hundred and sixty for constructing quarters with out-houses, &c., for the Port officer at Calicut, together with the plan, &c., which accompanied the same. The excess over the original estimate of Rs. 14,100 is explained in the accompanying copy of letter, No. 83/M., dated 14th February 1897, from the Superintending Engineer, IV Circle.

2. The original plans and estimate are also herewith sent for information.

No. 159 E., Marine.

Transferred to the Public Works Department.

5th March 1897.

(Signed) D. McNEIL CAMPBELL, Colonel, R.E.,
Secretary to Government.

ORDER—No. 1045 W., dated 14th April 1897.

The revised estimate, amounting to Rs. 18,160, for constructing quarters with out-houses for the Port officer at Calicut, is sanctioned in supersession of the estimate of Rs. 14,100 sanctioned in G.O., No. 1305 W., dated 23rd April 1896.

2. The increase of Rs. 4,060 over the original estimate comprises the following items :—

	RS.
(*a*) Additional stairs for one of the bath-rooms	270
(*b*) Dismantling and reconstructing part of the foundations on which it was decided to build the house	175
(*c*) Raising walls by one foot	100
(*d*) Enclosing front verandah of upper floor with half-glazed and half-panel shutters	895
(*e*) Clearing site and forming roads	50
(*f*) Providing covered way to kitchen	465
(*g*) Constructing carriage porch	465
(*h*) Sinking a well	205
(*i*) Erecting a compound wall	1,400
Contingencies	35
Total ...	4,060

3. Items (*a*) and (*b*) have been brought forward in accordance with the Chief Engineer's instructions in his note printed with G.O., No. 1305 W., dated 23rd April 1896; the other additions are no doubt desirable in a climate such as that of the West Coast, but if they had been proposed in the first instance, as they should have been, the estimate would probably have not been sanctioned at all. His Excellency the Governor in Council desires that all Superintending Engineers will take steps to prevent inaccurate and misleading estimating of this kind, and see that estimates are complete in every respect on first submission.

4. The probable outlay on the Port officer's quarters at Calicut to the end of 1896-97 was Rs. 9,100, but no funds have been provided for the work in the current official year. The Superintending Engineer will apply for the amount required in his statement of demands on account of incomplete works.

5. This sanction has been registered as Excluded Local No. 2 W. of 1897-98, and classified as Civil Buildings, Original Works.

(True Extract.)

Under Secretary to Government.

To the Superintending Engineer, IV Circle, with fourteen enclosures.
„ other Superintending Engineers.
„ the Consulting Architect to Government.
„ the Examiner, Public Works Accounts.
„ the Marine Department.

Exd. T. K. Narayana Aiyangar.

A

No 1045 W of 14.4.97

DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Calicut

READ the following

From the S.E. IV Circle No 83 M of 14.2.97
" Presy. Post Office No 1678/55 E of 22.2.97
" Govt. in the Marine Dept No 159 E of 5.3.97

E P

The revised estimate amounting to Rupees 18,160 for constructing quarters with out-houses for the Post Office at Calicut, is sanctioned in supersession of the estimate of Rs 14,100 sanctioned in G.O. No 1305 W dated 23 April 1896.

2. The increase of Rs 4,060 over the original estimate ~~is~~ comprises the following items:

(a) Additional stairs for one of the bath rooms .. Rs 270

(b) Dismantling & reconstruct

T. K.
B. 7

[P. W. 40. 1,000—26-2-97.]

foot of the foundations on which it was decided to build the house - - -	Rs 175
(c) Raising walls by one foot	Rs 100
(d) Enclosing front verandah of upper floor with half glazed & half panel shutters	Rs 895
(e) Closing side & forming rooms	Rs 50
(f) Providing covered way to kitchen - - - - -	Rs 465
(g) Constructing carriage porch -	Rs 465
(h) Sinking a well - - - -	Rs 205
(i) Erecting a compound wall -	Rs 1400
Contingencies - -	Rs 35
Total Rupees	4060

3. Items (a) & (b) have been brought forward in ~~[illegible]~~ accordance with the Chief Engr's instructions in his note printed with G.O. No. 1305W dated 23 April 1896; the other additions ~~may be~~ are no doubt desirable in a climate such as that of the West ~~Coast~~ Coast, but if they had been proposed in the first instance as they should have been, the estimate would probably have not been sanctioned at all. H.E. the Govr. in Council desires that all Supdg. Engrs. will take steps to prevent inaccurate and misleading estimating of this kind, & see that estimates are complete in every respect on first submission.

4. The probable outlay on the Post Officer's quarters at Calicut to the end of 1896-97 was Rs 9,100 but no funds have been provided for the work in the current official year. The Supdg. Engr. will

apply for the amount required in his statement of demands on account of incomplete works.

5. His sanction has been registered as Excluded Local W. J. W. of 1897-98 & classified as Civil Buildings, Original Works.

14/4/97

CHRD
14/4/97

S. E. IV Circle
with 14 enclos.
Other Supdg. Engrs.
[illegible] Mos
Marine Dept
C. A. to Govt.
&
24/4/97

P. W. DEPARTMENT.

1045 W

READ the following:—

Note for His Excellency, the Governor.—

FOR ORDERS.

An estimate of Rs. 14100 was sanctioned, in G. O. No. 1305 W dated 23rd April 1896, for constructing quarters with outhouses for the Port Officer at Calicut. A revised estimate, amounting to Rs. 18160 is now submitted. The difference of Rs. 4060 between the revised and original estimates is comprised of the following items:—

The proposed increase is Rs. 4060. The various additions may be desirable, but if they had been proposed in the first instance, as they should have been, — the estimate might not have been sanctioned at all. We must put a stop to this inaccurate, misleading way of estimating.

I will not, however, refuse to pass the Estimate. It is therefore allowed.

A. E. H.
12.4.97

CAW

43—500-6-3-94.

P.T.O.

CHRD
9.4.97

10/4/97

FOR ORDERS.

(a). Providing additional stairs for one of the bath rooms	Rs 270
(b) Dismantling and reconstructing part of the foundations on which it was decided to build the house	" 175
(c). Raising walls by one foot	" 100
(d) Enclosing front verandah of upper floor with half glazed and half panel shutters	" 895
(e) Clearing site & forming road	" 50
(f). Providing covered way to kitchen	" 465 +
(g). Constructing carriage porch	" 465 +
(h) Sinking a well	" 205 +
(i) Erecting a compound wall	" 1400. +
Contingencies	" 35
Total	Rs 4060.

Item (a) was ordered by the Chief Engineer in his note dated 10th April 1896; while item (b) was suggested in the same note in the event of the existing foundations, on which it was decided to build, being found not altogether

---

Read the following:—

FOR ORDERS.

Suitable – Vide document "flagged" A. It is considered that these items are absolutely necessary, and that they should therefore be carried out. It is, however, not clear that the other items which were omitted from the original estimate, presumably for a good reason, are absolutely necessary: but it is very desirable that the work for which they provide should be undertaken in a climate such as that of the West Coast. The revised estimate is, accordingly, recommended for Sanction.

10/4/97

C.H.N.D.
9.4.97

FOR ORDERS.

H.E. 10-4-97 R 13-4-97

C. No. 2368

Note by Budget Section.

Work Constructing quarters with outhouses for the Port officer at Calicut.

Fund	Excluded Local, Port Funds.	
Service Head	Civil Buildings.	
Departmental Head	Original Works.	
Amount of Estimate	Rs. 18,160	
Expenditure in previous year ...	" 9,100	(Probable. Booked outlay for 1896-97 ~~has~~ is not available at present)
Allotment in current year ...	" "	
Balance required to complete ...	" 9,060	
Total	Rs... 18,160	

Note of available Funds.

There is no provision for the work in the current years' Excluded Local budget. The reserve with the P.W.D. is Rs 3000 only which is not sufficient to meet the demand. It is submitted therefore, that the necessary allotment for the work will have to be applied for along with other incomplete works of last year in June next. The S.E. IV may be asked to include this demand in his statement of incomplete works.

13.4.97

Note by Budget Section.

Urgent

Public Works Department.

Current No. 2,368

Letter No. 159 E

Dated 5th March 1897

From the Marine Dept.

NOTE BY TECHNICAL SECTION.

Name of work Constructing quarters with outhouses for the Port Officer at Calicut.

Amount of estimate Rs 18160

The SE IV Circle, sub
sanction of Govt., a revi
estimate amounting to
Constructing quarters w
at Calicut, in lieu of the origin
estimate amounting to Rs 14100 sanctioned in G.O. No. 1305 W dated 23rd April 1896.

The excess of Rs 4060 or 28.8% over the original sanction is due to the following causes:-

(a)	Providing additional masonry ~~steps~~ stairs at rear verandah	Rs 445
(b)	Raising walls in basement floor by one foot	Rs 100
(c)	Enclosing front verandah of upper floor with ½ glazed + ½ panel shutters	Rs 895
(d)	Clearing site + forming road	Rs 50
(e)	Providing covered way to kitchen	465
(f)	Forming a carriage porch.	Rs 465
(g)	Sinking a well	Rs 205

C. Note 2,62

W.

This subject should be treated as very urgent, because if the revised estimate is to be sanctioned it should be sanctioned at once so that the work may be put in full swing before the West Coast monsoon commences.

Item (a) should be subdivided thus:-

(i) Providing additional stairs for one of the bath-rooms as ordered by the Chief Engineer in his note dated 10th April 1896 .... Rs 270

Flagged A

(ii) Dismantling and reconstructing portion of foundations as suggested in the same note in the event of the existing foundations being in any way unsuitable 175

Total Rs 445

which excess is clearly and reasonably admissible.

But it is not clear why the rest of the items provided in the revised estimate could not have been foreseen. It is possible that some, if not all, of them were foreseen, but that as the estimate had mounted to Rs 14100 without them it was decided to cut them out. A

P. W. 60
200—2-9-96.

B. Forward Rs 2625.

~~(g) Sinking a well — Rs 205~~

(h) Erecting a compound wall Rs 1400.

Contingencies &c. — 35

Total excess Rs 4060

The additional stair-case was ordered in E.W's note embodied in G.O. No. 1305 W dated 23rd April 1896 and the other works are entirely new, stated to be very necessary for … West Coast!

… ase is to be similar … ection in order … to the upper bath … ation of this stair … ated the closings of a window in basement floor store room.

(b) The walls of the basement floor are proposed to be raised throughout from 10 to 11 feet. The necessity for this deviation from a sanctioned design is not apparent.

(c) Enclosing the front upper verandah with ½ glazed & ½ panel shutters throughout. This was not originally estimated for & it is explained in the completion report that this shutter is required to keep out the rain.

(d) Clearing site & forming road. A lump sum of Rs 100 was originally provided, this sum is now reported to be insufficient to form 2 roads of good roads and to clear the site.

(e) A covered way is to be built for a length of 68½ feet it is to connect the main building with the kitchen block, built on square pillars 15" & roofed in with Mangalore tiles. The width of the covered way will be 8½ feet.

(f) Forming a carriage porch. This is a new item & not originally estimated for. The porch is to be 19 feet wide & 22 feet long. The front face wall is to be arched & the roof made up of two teak planks each 1" thick laid upon teak joists & supported on old iron rails & the top finished off with wooden railings.

(g) A well 6 feet in diam. with platform 2 feet wide is also proposed. This well is to be sunk 12 feet below ground surface & fitted with a pulley &c. complete. The steining is to be of ~~rough~~ laterite stone in chunam on Karimarudu wooden curbs.

(h) Erecting a compound wall. The compound is to be enclosed by a wall 4 feet high all round & fitted with 2 gateways each 10 feet wide. The wall is to be built of laterite in mortar & plastered. This wall is reported to be necessary in order to keep out cattle &c.

document flagged F.

Reference to G.O. No. 1305-W of 23rd April 1896 will shew that the original design had the approval of the Presidency Port Officer.

As regards (a), the revised plan does not shew the work provided under sub-item (i), though as, far as can be gathered from the estimate, the new piece of foundations will be 4 feet deep the same as before. The nature of the soil is not stated.

With reference to item (c), it is noticed that it will not be possible to construct the proposed new glazed and panel framework and yet maintain the railing shown in the original design. It is not, however, proposed to remove the latter. This glazed and panel work will, no doubt, be a comfort in wet weather when the south west monsoon would be otherwise beating into the house, but it would be very hot in the dry weather.

With the exception of (c) it is considered that the necessity for all the proposed extra work has been established, but if it had been included in the first instance it is highly probable that the estimate would not have been sanctioned, for it would have brought the original estimate up to a very high figure. Orders are, therefore, solicited.

C.H.W.
7-4-97

The scantlings for roof timbers are correct & the rates fair.

The revised plans & estimate have been countersigned by the Presidency Port Officer & trans:ferred to this Dept by the Marine Dept.

5.4.97.

P.S. a provision of Rs 123 for 98 running feet of railing in front verandah as per original esti:mate should now be expunged as ½ glazed & ½ panel shutters have been inserted in stead vide item (e).

5/4/97

Building near masonry staircase

Rs

Excavation
Staircase 29¾ × 4¾ × 3 = 424
424 cft at Rs 5 per 1000 = 2

Concrete
Staircase 29¾ × 4¾ × 3 = 424
424 cft of concrete at Rs 15 = 64

Laterite in mortar - foundation
Staircase 27¾ × 3¾ × 3 = 312
312 cft at Rs 18 ——— 56

Laterite in mortar superstr.
Stairs 24 × 3¾ × 6 = 540
Landing 3¾ × 3¾ × 11 = 155
Parapet 40 × ¾ × 3 = 90
Blocking border 3 × 1½ × 4½ = 20
— do — 4 × 1½ × 1½ = 9
814

Deduct
Arch recess —— 1 × 6 × 3¾ × 4 = 90
— Semi — 2 × 14·12 × 3¾ = 106
— Archwork 2 × 11·78 × 3¾ × 1½ = 133 } 329

814 - 329 = 485 cft

485 cft of masonry at Rs 18 = 87

133 cft of archwork at Rs 23 = 31

Cement plaster
Staircase 24 × 6 = 144
Landing face 3¾ × 11 = 41
Parapet 40 × 6¾ = 270
Slip face 20 × 3 × ½ = 30
485

485 sqft of cement plaster at Rs 10 = Rs 49

Abstract:

Excavation ——	Rs	2
Concrete ——		64
Foundation laterite		56
Superstructure ——		87
Arch work ——		31
Plastering ——		49
		289

Deduct

10 sq ft of glazing windows at Rs 2 ——	20	22
9 cft of Flat arch at Rs 22 ——	2	
		267
		3
Total for stairs Rs		270

Removing & rebuilding foundations & basement

Dismantling masonry

Rear wall basement 1×25×1½×3 = 113
-do- 2×4½×2¼×3 = 61
-do- foundation 1×25×2¼×2 = 113
-do- 2×2½×3×4 = 60
Side walls basement 2×7×2¼×3 = 95
-do- foundation 2×2½×3×4 = 60
Wall in front 2×4½×2¼×3 = 61
-do- foundation 2×3×3×4 = 72
635

635 cft at 2-8-- = Rs 16

Laterite in mortar. Foundation & basement.

Rear wall - 1×30×3×4 = 360
-do- sides 2×2½×3×4 = 60
Front wall - 2×3×3×4 = 72
Basement rear 1×34×2¼×3 = 230
-do- sides 2×7×2¼×3 = 95
-do- front 2×4½×2¼×3 = 61

878 cft at Rs 18 —— = 158

Abstract for removing & rebuilding part of the existing foundation & basement:

Demolition ——	Rs	16
Laterite masonry ——		158
		174
Contingencies ——		1
		175

[illegible]
(270 + 175) = 445
(as per my note)

Raising walls 1 ft higher basement floor

Longitudinal 4×62×1½×1 = 372
Cross at centre 4×18×1½×1 = 108
-do- front & rear 6×8×1½×1 = 72
Cft. 552

552 cft of laterite masonry at Rs 18 ——	99
Contingencies ——	1
Total Rs	100

Enclosing front verandah

Glazing shutters
Front verandah 6×9.10×3.0 = 177
-do- sides 2×9.0×3.0 = 54
231

231 sq ft of glazing shutters at Rs 1-12-- —— 404

Venetian shutters
Front verandah 6×9.10×3.0 = 177
-do- sides 2×9.0×3.0 = 54
-do- gable 2×9.0×1.6 = 27
258

258 sq ft of venetian shutters at [illegible] Rs 484

Architect

Glazed shutters —		404
Venetian shutters —		484
		888
Contingencies —		7
Total for enclosing front verandah	Rs	895

Covered way

as per estimate	Rs	460
add contingencies —		5
Total	Rs	465

Portico

as per estimate —	Rs	460
add contingencies —		5
Total	Rs	465

Wall

As per estimate	Rs	203
add contingencies —		2
Total	Rs	205

Compound wall.

As per estimate	Rs	1387
add contingencies —		13
Total	Rs	1400

Calicut

& flagged K. He was pointed out that the plans & estimates had not been signed by the P.P.O. They were sent to the Marine Dept. for approval, & they were approved both by that Dept & the P.P.O.,[X] but the latter omitted to sign the documents.

Cg
6/4/97

X. Where is it shown that he approved?
CWS
6/4/97.

Ord

Please see marked passage at page 2 of G.O. No. 1305 of 23.4.96, flagged Z. The P.P.O. had the plans & estimates before him when he said that the question might be provided in accordance with the S.S.'s proposals.
Cg 6.4.97

Calicut

S.A.W.

I would like to see T's note on the original (Rs 14100) estimate, sanctioned in G.O. No 1305 W dated 23-4-96 – also please state why the original plans were not signed by the Presidency Post Officer.

C.W.S.

6/4/97

P.S. If possible I would like to dispose of this revised estimate before leaving office this evening

Dd

T's note on the orig^l^ estimate, has now been found

Calicut

S.P.W. °

Please tell me what has been done regarding the supplemental estimate for a new house for the Port Officer at Calicut. Is it before Govt, & if so how long is it since it went up?

CWN
25/3/97

Calicut

Saw.

A revised estimate for constructing quarters with outhouses &c for the Port officer at Calicut is being checked by T. in W. C No. 2368.

F.J.
29-3-97

T

Please put up the file for DW's inspection.

29.3.97

DW/

File submitted.

29-3-97

T
~~Hc.~~
please dispose of this to-day.

30.3.97

2368

This minute has [illegible] in [illegible] a note explaining items of necessity & urgency

Item 10 (a) is absolutely necessary & has none of the Chi: Eng in his note 15th April [illegible]

None of the other items are absolutely necessary but they are very desirable in a climate like the West Coast & [illegible]

[illegible] I think the revised estimate may be sanctioned.

8/4/97

~~Marine~~ Public Works (1897) Department.

CURRENT No. ~~305~~ 2368

(No. 159 E of 5th March 1897)

Encl 6

~~Order~~

Transferred to the P.W. Department.

4/3/97

From,

The Presidency Post Office, Madras

No. $\frac{1678}{55}$ G.

Dated 22nd February 1897

Received ~~3.3.97~~ 5.3.97

Enclosures ~~12~~ ~~15~~ 16 (4 plans)

Spare copies

SUBJECT.

Forwards for sanction a revised Estimate for constructing quarters with outhouses &c. for the Post officer at Calicut.

T/ for scrutiny

CWOS
DW
13/3/97

m/

BACK PAPERS.

G.O.	No.	Department.	Date.
~~161~~	~~O~~	~~25-2-97~~	
~~657~~	~~E~~	~~15-12-96~~	
~~812~~	~~O~~	~~23-11-96~~	
~~554 E~~	~~O~~	~~7-11-96~~	
~~744~~	~~O~~	~~30-10-96~~	
~~464 E~~	~~O~~	~~17-9-96~~	
~~338~~	~~O~~	~~15-5-96~~	
~~93~~	~~O~~	~~15-2-96~~	
	217	Marine	10-3-97 ✓
	159E	"	5-3-97 ✓
	161	"	25-2-97 ✓
	812	"	23-11-96 ✓
	554E	"	7-11-96 ✓
	744	"	30-10-96 ✓
	464E	"	17-9-96 ✓
	338	Marine	15-5-96 ✓
	1305W	"	23-4-96 ✓
	1175C	"	2-3-96 ✓
	93	"	15-2-96 ✓
	3930C		11-12-95 ✓
	2840C		30-9-95 ✓
	2449C	"	6-8-95 ✓
	1387C	"	2-4-95 ✓
	4020C	"	11-12-94 ✓
	1885C	"	9-5-94 ✓
	~~93~~	~~"~~	~~15-2-96~~

FURTHER PAPERS.

G.O.	No.	Department.	

38

No.1678/55G

Presidency Port Office,
Madras, 22 February, 1897.
Despatched 2nd March 97

From

Commander H. A. Street, R.I.M.,
Presidency Port Officer,
Madras,

To

The Secretary to Government,
Marine Department,
Chepak.

7 log B

Sir,

With reference to para 4 of G.O. No.1305,W, dated 23rd April 1896, (Marine G.O. No.338 of 15" May 1896) I have the honor to forward, duly countersigned, for sanction and allotment of funds, a revised Estimate of Rupees (18,160) Eighteen thousand one hundred and sixty for constructing quarters with outhouses &c. for the Port Officer at Calicut, together with the Plan &c. which accompanied the same. The excess over the Original Estimate of Rupees 14,100 is explained in the accompanying copy of letter No.83/M dated 14th February 1897 from the Superintending Engineer, IV" Circle.

2. The Original Plans and Estimate are also herewith sent for information.

I have the honor to be,
Sir,
Your Obedient Servant,

H. A. Street

Commander, R.I.M.,
Presidency Port Officer.

G.S.

Constructing

P.W. E.16 / 2308/97

No. 83/M.

Supg: Engineer's Office 4th Circle
14.2.97

From,
J. Hannan Esqr.,
Supg: Engineer, IV Circle,
Coimbatore.

To
The Presidency Port Officer,
Madras.

1P

Enclos 11
rigl. estimate
with Spl. & Abstract
Report
pecification
Data sheet
rigl. tracings
Revised estimate
mparative Statement
eport
Revised Tracing.

Sir,

I have the honor to forward for your approval and transmission to Government for sanction a revised plan and an estimate amounting to Rs 18,160 for constructing Quarters with outhouses &ca for the Port Officer at Calicut.

The original estimate of Rs 14,100 was sanctioned in G. O. No. 1305 W. dated 23rd April 1896, and the excess of Rs 4,060 over this estimate is due to the following items, the necessity of which is explained in the accompanying report and Comparative Statement.

An additional stair case to upstair bath room	Rs 436
Enclosing the upper Verandah with Glazed and panelled Shutters	" 914
Clearing site and making roadway	" 50
Constructing a covered passage	" 487

Constructing

Constructing a Portico —	Rs 487
— Do — a Well. —	" 215
— Do — a Compound Wall —	" 1471
Total Rupees —	4,060.

[illegible]

The original plans and estimate are also herewith sent for information.

I have &ca.
(Sd) J. Hannan
Supg: Engr: 4th Circle

(True Copy)

H W Street
Commander R.I.M.
Presidency Port Officer

Smets 15 / war 305/57

P.W. E. 15 / 2368/97