1. Name
2. Date of report
3. Number of Government

M.R.O. 1—82,400—29-11-30.

# MADRAS RECORD OFFICE.

## Government of Madras.

Public Health DEPARTMENT.

Memo. 8.1.37

G.O. No. 1c 7 Press Mis.

Dated 16-1- 18 7

**Not to be folded or roughly handled**

*Fort Saint George, Public Works Consultation of 18th January 1859.*

No. 1. Read the following letter from Lieutenant-Colonel E. LAWFORD, Officiating Chief Engineer; to the Secretary to Government, dated 26th October 1858, No. 4846.

SIR,

With reference to Extract Minutes of Consultation No. 2076, dated 7th October 1858, directing me to prepare and submit a form of Bill to meet the views of the Government of India as expressed in their order of the 26th August 1858, No. 4140, I have the honor to state that while I do not think it advisable that such a form should entirely supersede the one now in use in this Presidency, which was adopted on the strong recommendation of the commissioners of Public Works for reasons set-forth in Sec V Part I Paras 318 to 325 of their Report, it appears to me very desirable that together with the detailed accounts now forming the Madras Bills there should in all large works be a comparative Statement in a form like the one now submitted from which may be easily gathered all the information, of the want of which the Supreme Government complain.

1 Statement.

2. To frame these Statements it will be necessary to adopt good arrangements for keeping the accounts which cannot I think be successfully done at first on any but the larger works, and I would therfore recommend that the comparative or Abstract Statements now proposed should be restricted to works exceeding Rupees 2,000.

3. It will not I think entail much extra trouble to prepare these Statements as I only propose that they should be submitted with the final bills of completed works, and they will afford the Government the means of seeing at a glance how far the sanctioned plans and estimates have been correctly followed.

4. Of course the Statements will be required and will be ready whenever the exhaustion of funds may render a supplemental estimate necessary, so that the exact causes of excess in expenditure can always be ascertained.

5. It may be practicable hereafter to extend the use of such Statements to minor works, or even to substitute them for the form of Bill now prescribed, but until our account Department is in a better state, I am not disposed to recommend the adoption of any more extensive changes of system in this respect.

6. I may add in conclusion that Statements of this kind were always drawn up on the completion of large works under my own executive charge, for although they were not in every case submitted to higher authority, they served as guides in determining data for estimates.

P. S. should Government approve of the form herewith submitted, I purpose circulating it for adoption by the Officers of the Department Public Works.

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No. 2. ORDER THEREON, No. 107; dated 12th January 1859.

Ordered to lie over in view to the subject being considered in connection with the proposal for the introduction of the Bengal Public Works Code into this Presidency.

(Signed) J. D. BOURDILLON,
*Secretary to Government.*

Central Office of Public Works.
Fort Saint George 26th October 1858.

No 4846.

From
The Officiating Chief Engineer

Public

To
The Secretary to Government &c &c

Sir

With reference to Extract Minutes of
Consultation No 2076 dated 7 October 1858
directing me to prepare and submit a
form of Bill to meet the views of the
Government of India as expressed in
their order of the 26 August 1858 No 4140,
I have the honor to state that while I
do not think it advisable that such a
form should entirely supersede the
one now in use in this Presidency,
which was adopted on the strong
recommendation of the Commissioners
of Public Works for reasons set forth

Enclosures
1 Statement

in

in Sec V Part I Paras 318 to 325 of their Report it appears to me very desirable that together with the detailed accounts now forming the Madras Bills there should in all large works be a comparative statement in a form like the one now submitted from which may be easily gathered all the information of the want of which the Supreme Government complain.

2 To frame these statements it will be necessary to adopt good arrangements for keeping the accounts which cannot I think be successfully done at first on any but the larger works, and I would therefore recommend that the Comparative or Abstract Statements now proposed should be restricted to works exceeding Rs 2000

3. It will not I think entail much extra trouble to prepare these Statements as I only propose that they



they should be submitted with the final bills of completed works, and they will afford the Government the means of seeing at a glance how far the sanctioned plans and estimates have been correctly followed.

4 Of course the statements will be required and will be ready whenever the exhaustion of funds may render a supplemental estimate necessary, so that the exact causes of excess in expenditure can always be ascertained

5 It may be practicable hereafter to extend the use of such statements to minor works, or even to substitute them for the form of Bill now prescribed, but until our Account Department is in a better state, I am not disposed to recommend the adoption of any more extensive changes of system in this respect.

I

6 I may add in conclusion that Statements of this kind were always drawn up on the completion of large works under my own executive charge for although they were not in every case submitted to higher authority, they served as guides in determining data for estimates.—

I have the honor to be
Sir
Your most obedient Servant
C Crawford Lt Colonel
Officiating Chief Engineer

Fort Saint George
26th October 1858

To
The Secretary to Government
&c &c &c

P.S. Should Government approve of the form herewith submitted, I purpose circulating it for adoption by the Officers of the D&W.

C Crawford Lt Col
Offg Ch: Engr

Statement of the actual Expenses of constructing a Bridge of one Arch 30 feet span across the - - - - - in the - - - District during the year 1856/57

No. August 1856.

Trotter Assistant Engr.

| Head Parts of Communications containing like work. | Sub-h. | Particulars of Work. | Measurement of work: Estimated | Measurement of work: Performed | Rates: Estimated | Rates: Performed | Total of each work: Estimated | Total of each work: Performed | Difference: Increase | Difference: Decrease | Explanations of causes of Increase or Decrease when Considerable. | By whose Superintendence | Date of Inspection by District Engineer or Executive Officer | Remarks. |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | Foundations. | | | | | | | | | | Lieut. - - - from 5th January to 4th March | Dist. Engineer 5th January 12th February 25th April | |
| | | Brick in Chunam and Cubic feet | 7256 | 7411 | @1-4 P. | @1-3 P. | 604-10-8 | 578-15-9 | 25-10-11 | | | | | |
| | | Superstructure | | | | | | | | | | | | |
| | | Brick in Chunam Cubic feet | 5246 | 5642 | @1-4 P. | @1-2 P. | 433-13-4 | 396-13-0 | 37-0-4 | | | | | |
| | | Stone in Chunam — Do. | 157 | 157 | @10-0 | 1-0-0 | 157-0-0 | 157-0-0 | | | | | | |
| | | Brick Work. | | | | | | | | | | Sub Engr. - - - from 5th March to 25th April 1858 | | |
| | | Brick in Chunam Cubic feet | 945 | 1090 | @1-6 P. | @1-5 P. | 88-9-6 | 96-8-0 | | 7-14-6 | | | | |
| | | Total Masonry | 13,604 | 14,100 | | | 1284-1-6 | 1229-4-9 | 54-12-9 | | | | | |
| | | Plastering Superficial feet | 3400 | 4500 | @2-0-0 | @1-14-0 | 68-0-0 | 84-6-6 | | 16-6-6 | | | | |
| | | Centering | | | | | 15-0-0 | 11-13-1 | 3-3-0 | | A less number of Stone arches met with in excavating for the foundations than were anticipated at the time of this submission of Estimates and hence the decrease. | | Exc: Officer in charge Range 20th January 1st February 5th March 25th April. | |
| | | Baling water | | | | | 120-0-0 | 80-0-0 | 40-0-0 | | | | | |
| | | Scaffolding | | | | | 25-0-0 | 25-0-0 | | | | | | |
| | | Excavating foundations & filling in | | | | | 80-0-0 | 85-0-0 | | 5-0-0 | | | | |
| | | Approaches | | | | | 70-0-0 | 65-2-0 | 4-14-0 | | | | | |
| | | Embankments | | | | | 20-0-0 | 19-0-0 | 1-0-0 | | | | | |
| | | 4 Guard Stones — each — | | | 4-0-0 | 4-4-0 | 16-0-0 | 17-0-0 | | 1-0-0 | * Models for which no allowances were made were placed on each side of the newly made banks of the river. | | | |
| | | Sundries | | | | | 71-14-6 | 100-5-9 | 180-13-9 / 50-13-9 | 38-7-3 / 50-13-9 | | | | |
| | | Improving river above and below site of bridges | 7200 | 7200 | @8 pies | @8 pies | 300-0-0 | 300-0-0 | | | | | | |
| | | Grand total | | | | | 2100-0-0 | 2250-0-0 | 50-0-0 | Nett decrease | | | | |

District Engineers Office
October 1857.

Capt. Quay

L.L.

District Engineer

Enclosure in a letter from
the Officiating Chief Engineer
To the Secretary to Government
Public Works Depart.

Dated 26th October 1858.
Received

No 4846
PWD 2540/58

Statement of the Actual
Expenses of constructing a Bridge
of one Arch 30 feet span across
the --- in the --- District
during the year 1856/57.-

P W — 1858 Department
Do Cons 18th Dec 2326/59.

From
The Officiating Chief Engineer

To
The Secretary to Government
Public Works Department

Dated 26th
Received 27th October 1858.

No. 4876

Sir,

Submitting with reference to Contract Minute Consultation No 2076 of the 7th instant a form of Bill for adoption in this Presidency to meet the views of the Government of India with observation.

Witty our order
No 107 dt 12th January 59.

No. 107

Ordered to lie over in view to the subject being considered in connection with the proposal for the introduction of the Bengal Public Works Code into this Presidency

W. H. B

12th January 1859

To Chief Engr
Chief Engr

Cons 12th Oct 58 No 3132.
— 27th July — 69.

From Chief Engr 7/15th October/59.
C No 2428 - (Vide Para 24.)
in Para 20th Nov/59 No 3-4.

No. 142.

C 5th January 1911