M.R.O. 1—82 406—22-11-30

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Fin 18. 3. 1859.

G.O. No.	287	Press Mis.
23-24 Dated	3-3-	1859.

Not to be folded or roughly handled

8-12-87

Fort Saint George, Public Works Consultation of 8th March 1859.

No. 23. Read the following letter from Colonel C. E. FABER, Chief Engineer; to J. D. BOURDILLON, Esq., Secretary to Government, dated 25th February 1859, No. 8144.

SIR,

In forwarding copy of a letter from the Professor of Chemistry, giving cover to the accompanying communication to his address from G. H. Faulkner, Esq., proposing that a modification, as shewn in the enclosed sketch, of the apparatus for making Gas, should be substituted for that intended to be put up under the sanction conveyed in Extract Minutes Consultation of the 4th September 1858 No. 1808, and expressing his approval of the proposition, I have the honor to state, that agreeing entirely with both gentlemen, that the change of plan is desirable, I would strongly recommend its adoption, on the understanding, that as stated by them, the expense of the undertaking is not increased.

Letter from DR. JOHN MAYER, Professor of Chemistry; to Colonel C. E. FABER, Chief Engineer, dated 9th February 1859.

SIR,

I have the honor to submit with the accompanying plan, a letter from Mr. Faulkner, in which he gives his reasons for recommending a modified apparatus for the Retorts, Furnace. &c., I think the modification he has now proposed, is a decided improvement and advantage on the one previously submitted, and I beg therefore to recommend it strongly to your consideration.

Letter from G. H. FAULKNER, Esq.; to DR. MAYER, Professor of Chemistry, dated 6th February 1859.

SIR,

I herewith submit a drawing of Gas apparatus designed by me from a tracing I received from England, of apparatus now making for the Colonies and for "Oil Gas."

At the time I made the former drawings with the horse—shoe retorts, I was not aware that any other excepting the straight had been made for this purpose—but you will remember I showed you a sketch of one, the same nearly as in the present drawing, which we both agreed was a better form—but having no precedent to go by—I at least was fearful of introducing any new plan, which might be found hereafter wrong, and entail trouble and loss of time. But since the receipt of the drawing from England (sent me by a Gas Engineer) having the retort of our original idea, I am led to think, you will agree with me, in changing the apparatus at first submitted, and approved, to the one now sent. Besides this, a good deal of labour and brick-work will be saved to us. and immediately on arrival it is only necessary to add the Coke and Oil to make Gas. The apparatus is a little more expensive, but it is *portable*, and the sum allowed in your estimate for brick-work will cover the extra cost. So that there will be no need to increase the sum total for the Gas works complete.

If you agree with me, I trust you will take the necessary steps, and submit my plan and offer to the Chief Engineer for approval.

No. 24. ORDER THEREON, No. 487; dated 3rd March 1859.

Ordered to be referred to the Public Department with reference to Extract Minutes of Consultation in that Department, dated 25th August 1858, No. 1062.

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

Received

To,
Colonel C E. Faber,
Chief Engineer
Fort Saint George.

Sir,

I have the honor to submit with the accompanying plan, a letter from Lt. Faulkner, in which he gives his reasons for recommending a modified apparatus for the Retorts, Furnace &c. I think the modification he has now proposed, is a decided improvement and advantage on the one previously submitted, and I beg therefore to recommend it strongly to your consideration.

I have &c
(Sig.) John Mayer
Professor of Chemistry

Madras,
9th February 1859.

Madras
Febry 6th 1859.

To, Dr Mayer,
Professor of Chemistry
Fort St. George.

Sir,

I herewith submit a drawing of Gas apparatus designed by me from a tracing I received

received from England, of apparatus now making for the Colonies and for "Oil Gas".

At the time I made the former drawing with the horse-shoe retorts, I was not aware that any other excepting the straight had been made for this purpose - but you will remember I showed you a sketch of one, the same nearly as in the present drawing, which we both agreed was a better form - but having no precedent to go by - at least with fearful of introducing any new plan which might be found hereafter wrong, and entail trouble and loss of time. But since the receipt of the drawing from England (sent me by a Gas Engineer) having the retort of our original idea, I am led to think you will agree with me, in changing the apparatus at first submitted, and approved, to the one now sent. Besides this, a good deal of labour and Brickwork will be saved to us, and immediately on arrival it is only necessary to add the coke and oil to make Gas - the apparatus is a little more expensive, but it is portable, and the sum allowed in your estimate for Brickwork will cover the extra cost - so that there will be no need to increase the sum total for the Gas works complete.

If you agree with me, I trust you will take the necessary steps, and submit my plan and offer to the Chief Engineer for approval.

Believe me

Very truly yours

(Sd) W. Faulkner

True Copies (

W. Faulkner Major

A. Supt Engr C.C.

W.F.

N.8144

67

From, The Chief Engineer.

To, The Secretary to Government P.W.D.

Sir,

In forwarding copy of a letter from the Professor of Chemistry, giving cover to the accompanying communication to his address from G. K. Faulkner Esq.re, proposing that a modification, as shewn in the enclosed sketch, of the apparatus for making gas, should be substituted for that intended to be put up under the sanction conveyed in Ex. Mins. Cons. of the 4th. September 1858 N.1808, and expressing his approval of the proposition, I have the honor to state, that agreeing entirely with both gentlemen, that the change of plan is desirable, I would strongly recommend its adoption, on the understanding, that as stated by them, the expense of the undertaking is not increased.

I have the honor to be,
Sir,
Your most Obt Servt
W. [illegible] Colonel
Chief Engineer.

Central Office of P.W.
Fort Saint George,
25th February 1859.

Enclosure in a letter from the Chief Engineer to the Secretary to Govt. P.W.D.
Dated 25th February 1859.
Recd

N.8144
P.W. 4.53/59
Copies of letters from Dr Kayser and Faulkner recommending the adoption of the modified apparatus for the manufacture of gas.

2/ to Com.r 7th September 58/857/58

Pub: Works 1859 Department
2 Dft to Cons: 8th March
No. 433.

From
The Chief Engineer.

To
The Secretary to Gov.t P.W.D.

Date 25th
Rec.d 25th } February 1859

No. 8144

Enclosures 2 Rets 1 Enc
Exc: Inst Cons: Public Depart.t 1859
D/ 14th March 59 C.t No 579 inst:
29
Submits letters from Dr Thayer
and Mr Faulkner, and recommends
the adoption of the modified
apparatus proposed by them
for the manufacture of Gas.

No 23 & 24.

No 487 P. 3rd March 1859 L

Ordered to be referred to the Public Department with reference to Ex. Mins. of Cons: in that Department dated 25th ultimo & No 1062.

Fort St. George
3rd March 1859

5 Copies to the Public Departt
Dated 4th & pr date Sketch.