4·2·08 ✓

3·2·25 II ✓

Marine (1898) Department.

G.O., No. 588-9 Mari

DATED 6 July '98

[Despatch Abstract.]

Apparatus for Light Houses: Stating that pending reply from the Govt. of India, it does not seem desirable to forward to the India Office the indent for —— to be constructed in the Madras Prest., & ordering that the Govt. of India be requested to pass early orders on the application for aid from Imperial funds:

=

The Govt. of India addressed.

J

M. 6.
500—23-6-97.

Indexed. 9/7/98

BACK PAPERS.

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

FURTHER PAPERS.

G.O.	No.	Department.	Date.	G.O.	No.	Department.	Date.
7917/98 7117/98							

B/ Fair orders

Urgent

Marine DEPARTMENT.

Papers to be read in Proceedings :—

Again G.O., dated 189 , No.

Again G.O., dated 189 , No.

Current No. 417 ✓ of 1898, dated 5 April, from the Supdt. of Works, L. H. Dn. & the P. P. O.

P. W. " " 4037 " 1898, " 7 May, " S. E. V Circle

" " " 4865 " 1898, " 8 June, " S. E. V Circle & Exar. P. W. A.

" " " 5690 " " 8 July " Supdt. of Works, L. H. Dn.

His Excellency the Governor

ORDER. 588 Marine, 6 July 1898

With his letter read above the Superintendent of Works Lighthouse Division submits an indent on the Home Government for ~~Lighthouse~~ apparatus to be fitted into the lighthouses to be constructed under the programme recently approved by His Excellency the Governor in Council. The question of a grant from Imperial Funds in aid of the construction of the lighthouses in question is now before the Government of India; and pending a reply from that Government, it does not seem desirable that the indent for apparatus should go forward. As, however, the matter is of importance and urgency

A. S. H. 5.7.98

[P. W. 4. / 500—24-3-98.]

E. 5.7.98 R 6.7.98

urgency, the Government of India will be addressed in view to early orders being passed on the application for a grant in aid from Imperial Funds.

The Supdt. of Works,
Lighthouse Division
" Presidency Port officer.

9/7/98

(H.E No. 589 Mar d/ 16 July 1898)

To

The Secretary to the
Government of India,
Finance & Commerce Dept.

A.G.H.

Sir,

I am directed to invite ~~the~~ attention ~~of the Government of India~~ to the subject of my letter No. 317 Mar dated 29th April 1898 in which an appeal was made to the Government of India for a grant from Imperial Funds in aid of the lighthouse and port improvements contemplated by the Madras Government.

2. The Superintendent of Works Lighthouse Division has now submitted an indent for lighthouse apparatus amounting to £ 14,433. It is proposed to distribute the expenditure over 3 years in the following proportion:—

	£
1898-99	4286
1899-1900	7267
1900-1901	2880

3. There is budget provision for this object in the current year to the extent of Rs 71,000 and the first year's supply can thus be provided for. It has, however, been ~~suggested~~ pointed out that if the whole indent ~~were~~ is placed with the manufacturer at one time, more favourable terms ~~could~~ can be obtained, and this Govt. is therefore anxious to adopt this course ~~but~~ yet before doing so ~~the indent can be sent home~~, it is necessary, under the rules of the P.W.D., that the Examiner P.W. Accounts should certify that budget provision has been, or will be, made to meet the whole cost of the articles indented for; and without an assurance from the Government of India that the gra
from Imperial Funds alre
applied for will in due co

6.98 R 24.6.98 A.E 24.6.98 R 5/7/98

assurance
can

urgency, the Government of India will be addressed in view to early orders being passed on the application for a grant in aid from Imperial Funds.

The Supdt. of Works,
Lighthouse Division
" Presidency Port officer.

9/7/98

(H E No. 589 mar d/ 16 July 1898)
To

The Secretary to the
Government of India,
Finance & Commerce Dept.

Sir,

I am directed to invite ~~the~~ attention ~~of the Government of India~~ to the subject of my letter No. 317 Mar dated 29th April 1898 in which an appeal was made to the Government of India for a grant from Imperial Funds in aid of the lighthouse and port improvements contemplated by the Madras Government.

2. The Superintendent of Works Lighthouse Division has now submitted an indent for lighthouse apparatus amounting

A.G.H.

This is what will take place
A.G.H.

* Flag Y

o Flag X

store Department will make its own arrangements and tha this Government will have no voice in the matter.

The apparatus required this year (Items 1 to 3 of the indem can be paid for, if it is decided to get them out independently of the requirements for succeeding years.

Mr. Ashpitel states in his letter No. 1066* dated 14th June 1898, that his indent will be unaffected by the proposals of the Trinity House recorded with G.O. 442 W° dated 1st June 1898.

R.S.

22.6.98
W

be made, His Excellency the Governor in Council is precluded from instructing the Examiner to issue the requisite certificate. I am accordingly directed to request that the urgency of the application made in my letter of 29th April may be brought under the notice of the Government of India in view to early orders being issued thereon. Any great delay in the grant of the aid sought is likely to cause considerable administrative inconvenience, and its refusal will, as pointed out in para 6 of my letter, necessitate the abolition of the light house subdivision, the dispersion of the staff, ~~and~~ the indefinite postponement of many important port and harbour improvements.

The construction of the lighthouse for which the apparatus is intended has already been commenced, and a refusal to grant the aid sought for will, as pointed out in para 6 of my previous letter, cause the

I have &c

R.S.

M Hel
5.7.98
M

DCP 6.7.98

[43/509]

Public Works DEPARTMENT.

C. No. 4865 and letter from the Supdt of Works Lighthouse Dn, No 1066 of 14th June 1898.

(2) HIS EXCELLENCY THE GOVERNOR.

(1) THE HON'BLE SIR HENRY BLISS, K.C.I.E.

~~THE HON'BLE MR. GROSE, C.I.E.~~

SUBJECT.

Indent for Lighthouse Apparatus

FOR ORDERS.

Mr. Ashpitel's indent for Light-House apparatus has now been recast in the Public Works form. It will be observed from the outer sheet of the form that the indent has to be accompanied by a certificate by the Examiner P. W. Accounts that funds have been, or will be, provided to meet the outlay. The Examiner can only certify so far as the current official year is concerned in which budget provision to the extent of Rs 71,000 has been made. A The supply will, however, extend over the two succeeding years also, and in regard to these years he will accept an assurance as to provision of funds, if given by the Government. Orders are solicited as to whether such assurance can

I should say that we could tell the India office to go to the particular manufacturers & to tell them that so much is wanted at once & that orders for the rest will follow as soon as funds are available – I don't see how we can do better, unless we risk ordering the whole lot at once & having to store the things as they arrive for want of funds to build the lighthouse to put the apparatus into.

Or how would it do to briefly explain the case to India to ask for an early reply to our letter? – we could get such off (in ords.) in a couple ; or we might even telegraph.

H.S.
23/6/98

I adopt the course at A, in writing, not by telegraph. the difficulty to explain the matter fully by

A.S.K. 4.7.98

6.98 R 24.6.98 A.E. 24.6.98 R 5/7/98

Marine (1898) Department.

CURRENT No. 417

From

The Presidency Port office,
Madras

No. 1271 ~~1264~~/128 G

Order

Dated 31st March 1898

Received
Registered } 5.4.98

Enclosures 14 including Plans.

Spare copies

SUBJECT.

Forwarding with remarks letter from the Superintendent of Works, Lighthouse Division, regarding lighthouse apparatus lanterns and stores required for the larger lights sanctioned in G.O. No 245 d/ 8 April 1896

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

OFFICE OF THE SUPT. OF WORKS, LIGHT-HOUSE DIVN.,
Egmore, Madras,

No. 916 Dated 14th March 1898.

From

F. W. ASHPITEL, Esq.,
SUPERINTENDENT OF WORKS,
LIGHT-HOUSE DIVISION,
Madras,

To

THE Secretary to Government
Marine Department
Thro' the Presidency Port Officer Madras

SIR,

I have the honor to forward herewith information regarding light house apparatus, lanterns, and stores required for the larger lights sanctioned in G. O. No 245 dated 8th April 1896 and would point out that manufacturers will, apparently, make a reduction if the order for the whole of the apparatus is placed at the same time. I, therefore, submit an indent for all the apparatus required for these lights at an estimated cost of about Rupees 2 lakhs. See Table I.

Your

(2) You will observe that I have provided masonry pedestals for lanterns 12'–0" diameter and metallic base for lanterns of 8'–0" diameter. I have done this as metallic pedestals for large lanterns are expensive and I estimate the saving effected at about Rs. 20,000. The total estimated cost, based on prices quoted and plans prepared or traced from plans supplied by manufacturers, is about the same as the rough estimate made in para 23 of my report printed with G. O. No. 245 Marine dated 8th April 1896 (but, at the request of the Presidency Port Officer, it includes new apparatus for Vakalapudi, Armoghan and Pulicat, so as to bring these lights into line with the general scheme. This change is very desirable as the existing apparatus at Vakalapudi is very old and much damaged and the existing light at Pulicat is of very small power. The apparatus at these stations will not be wasted as it will be installed at places where new post lights are required. I have also provided for a flashing light at Santipilly in lieu of Point Calimere at the request of the Presidency Port Officer.

(3) The new lights, with the exception of those of the 3rd order & small model & 4th order, will be of considerably greater power than the new Madras light and this increase, owing to the introduction of the "Feu e'clair" system, can be obtained with a less consumption of oil of about 50%. See Table II & III.

(4) For lanterns I have suggested the type with vertical standards shown on plans 1, 2, 3 & 4. There are many different ways of constructing lanterns and no two authorities agree on the subject: but I think it may be assumed that Government wants a roomy serviceable lantern with ample ventilation and is not inclined to spend money on helical framing or other non essentials.

I

I think it may also be taken for granted that so far as details are concerned manufacturers should be allowed the utmost liberty so as to enable them to use existing patterns and thus avoid unnecessary expense. The lanterns are described in the specification (intended to merely indicate the nature of apparatus and lanterns on which the estimate is based) which accompanies this letter and the chief modification proposed is increase in size. The increase in diameter is, in my opinion, absolutely necessary owing to the climate and, if any one doubts the wisdom of this modification, I would ask him to visit the new Madras Light-house when the Light is burning. Ventilation is provided for by adopting the Trinity House ventilator but I have not followed Trinity House in its adoption of helical framing as this, in the case of flashing lights,

has

has no advantage, optically, over vertical standards and adds considerably to the expense. Helical framing undoubtedly adds somewhat to the rigidity but the lanterns required have no great height of glazing and will be sufficiently rigid with vertical standards especially as 3/8" of the circumference can be masked in each case with sheet iron blanks

(5) As regards apparatus see plans 5, 6, 7 & 8 I have proposed to adopt the "feu e'clair" system in its entirety. This system is now well established and is no more difficult to maintain than the old system. It will be observed from Tables II and III that the estimated power for the larger lights amounts to from 2½ to 3½ times that of the new Madras light (18000 candles), while the consumption of oil will be very considerably less than the 800 to 1000 gallons consumed in that light-house.

The

(6) The chief deviation from Trinity House practice is the proposed substitution of French for Trinity House burners. In Madras we are fortunate in our climate, and it is possible to obtain the required intensity without going to the expense of large apparatus and oil burners. It is therefore not necessary to consider the vexed question as to which burner is the most powerful but merely which burner will answer the purpose with the minimum consumption of oil and least difficulty in maintenance. There is, therefore, no object in adopting either the Trinity House or Trinity House "Douglass" burners. They have a much smaller diameter than the French burners and consequently in order to obtain sufficient duration of flash without reducing the speed a larger number of wicks would have to be used and the consumption of oil would be increased by over 50 per cent with the Trinity House (see table II) and still more with the Trinity House "Dougl burners. In Madras as a great power is not ~~required~~ necessary, it seems advisable to adopt a burner which gives the required intensity, consumes 50 per cent less oil, is easy to manage does not, as in the case of the larger Douglass burners, require an expensive pressure lamp, and which can consume light mineral oil, obtainable locally, without danger of firing. I have also proposed the type of constant level lamp adopted by the French Administration as this is simple in construction and easy to fill which cannot be said of the lamps supplied during recent years to this Presidency.

(7) The mechanical part of the apparatus may, I would suggest, be of the type shown on plans No.s 1, 2 and 3 for the larger apparatus and on plan No. 5 for the

lights

lights of the 3d order small model and 4th order. The apparatus should be driven by a clock with weights and steel wire rope as shown. The weight shaft will be in the tower wall (see plan No 9) except at Armoghan and Vakalapudi and possibly at Pulicat at which stations existing towers will be retained.

(8) The manufacturers who quoted prices and supplied me with plans and other information were Messrs Chance Bros of Birmingham, Messrs Barbier et Bénard and Messrs Sautter Harlé of Paris and the Davy Electric Construction Company and my estimate is based on the informations given by these firms. Messrs Barbier et Bénard and Messrs Chance Brothers in particular took much trouble to supply me with information especially the former firm

I.

(9) I request that the indent may be treated as urgent.

I have the honor to be,
Sir,
Your most obedt servant,

W Whitspitel
Superintendent of Works
Light House Division

12.3.98.

Enclo: 9 Plans.
1 Specification
3 tables.

Encls 5
Mar 4/7/58

No. 1271/128 G

Forwarded for consideration, observing that Mr. Ashpitel has made a mistake in entering a light for Sacrifice Rock, for there is no intention of placing a light on the Rock, but of marking it by erecting a light at Tellicherri of the power and description specified for the Rock, and I have therefore made the necessary correction .

2. The sum to be met from Eastern Group Port Funds will be 1.47 lakhs, and .63 lakhs from Western Group Port Funds. To pay these amounts out of Port Funds would simply mean starving the ports, and as ports like Cocanada, Vizagapatam, Negapatam, Tuticorin and Mangalore require additional facilities for meeting the requirements of Shipping, I submit that either help from Provincial or Imperial resources should be given to enable the Madras Coast to be lighted in accordance with the proposals now put forward, or a special Act passed to enable a light due to be levied for such period as may be necessary to cover the cost of the scheme. I deprecate putting off the scheme, or even carrying it out only partially, but if no other course is open but to carry it out only partially, then sanction should be given for the instituting of new lights at Vakalapudi, Kistna, Masulipatam, (Masulipatam and Kistna depend on each other) Armeghon, Manapad, Mulki (Mulki and Mangalore depend on each other) and Mangalore; also a new lantern for Pamban. The cost of this partial lighting would be for East Coast .75 lakhs and .27 lakhs for the West Coast, but even then there will be little money left to meet port requirements. It is not much use to give good lights to a coast if the ports to which they lead offer no facilities for meeting the requirements of vessels visiting them.

The Govt. has definitely decided against this proposal
R.S.

H A Street

Presidency Port Office,
Madras, 31st March 1898.

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

Note on Marine current No 417

The subjoined statement shows the amounts required for Light House Apparatus

Item No	Name of Light House	English cost of apparatus	5% for Trinity House and Contingencies	10% for freight	3% for supervision and insurance	Total cost in sterling	Total cost in Indian currency at 1 Sh 3¼ d
		£	£	£	£	£	Rs
			1898-99				
1	+ Kaph (Mulki Rock)	1.310	66	131	39	1.546	24,330
2	+ Manapaud	1.250	63	125	38	1.476	23,229
3	+ False Point Divi Havelock Point?	1.250	63	125	38	1.476	23,229
							70,788
			1899-1900				
4	+ Seven Pagodas	1.310	66	131	39	1.546	24,330
5	+ Sacramento shoal	1.310	66	131	39	1.546	24,330
6	+ Tangacherri	1.310	66	131	39	1.546	24,330
7	+ ~~Ar~~meghon	890	45	89	27	1.051	16,540
8	+ Pulicat	750	38	75	23	886	13,944
9	+ Vakalapudi	890	45	89	27	1.051	16,540
							1,20,014
			1900-1901				
10	Tellicherri	1.250	63	125	38	1.476	23,229
11	Santapilly	1.310	66	131	39	1.546	24,330
							47,559
	Total	12.830	647	1.283	386	15.146	2,38,361
						at 1s 4d	2,27,190

2 Funds have been provided for items 1 to 3 in the budget estimate for 1898-99.

6/4/98

11 ap 98

Marine Department.

C.No.417.

Note for W.

Mr.Ashpitel now submits an indent (form incorrect) for light house apparatus; the estimated cost of which is Rs.2,38,361 extending over three years.

2. It is proposed to spend Rs. 70,788 in 1898-99, and the budget contains provision to this extent. As regards the sum of Rs.1,20,014 in 1899-00 and Rs.47,559 in 1900-01, no definite promise can now be given; and without a distinct assurance that budget provision will be made in those years, the Examiner will be precluded from granting the certificate requisite to admit of the indent being forwarded to the Home Government. The object seems to be to place the whole order with the manufacturer at one time, so as to obtain more favourable terms, but it is difficult to see how this can be effected in the absence of such a reasonable certainty of available funds as will enable the Government to instruct the Examiner to give his certificate. It thus seems necessary to await India's reply to the application to be made in connection with the forecast statement.

Yes. Meanwhile send the indent to [illegible] to be put in proper form.

12.4.98

3. If the demand for 1898-99 were dealt

dealt with separately, that portion of the indent could go on at once.

4. The indent will have to be recast in the Public Works Department form. This should be done by the General Superintendent, P.W. Stores, and the papers passed through his office in the usual manner.

5. No remarks are offered on the professional side of the question. It is assumed that the advice of Mr. Ashpitel and the Presidency Port Officer will be adopted in this connection.

R.S.
11 Ap 98.

Plans L.O. No. 2 to await return from the Genl Supt P.W. Stores of Mr. Ashpitel's indent recast in proper form

R.S.
15 Ap 98

L.O. No. 2. No. 8 D of 14th April 1898

Public Works Department.

Endorsement.

Letter from the Superintendent of Works, Lighthouse Division, No. 916, dated 14th March 1898.

Endorsement thereon by the Presidency Port Officer, Madras, No. 1271/128G dated 31st March 1898.

The statements are forwarded to the General Superintendent, Public Works Stores, in view to an indent in the prescribed form being prepared for submission to the Home Government.

R.S.

14-4-98
W.

(with fair.)

To
The General Superintendent, P.W. Stores,
thro' the Suptg. Engineer, V Circle.

with 1 specification
3 tables
1 list of stores
To be returned.

Desd
14/4

Presidency P.W. Stores,

Public Works (1898) Department.

CURRENT No. 4037

Order

From The Supdg Engineer
5th Circle

No. 3138

Dated 4/6 May 1898.
Received 7. 5. 98
Enclosures
Spare copies

SUBJECT.

Light-House Apparatus etc

Requesting to be furnished with certain information on the subject of Indents to be sent for—

O.L.S. 98.

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Presidency P. W. Stores,

No. 24 S.E. 5th Madras. 27th April 1898.

From.

H. A. Moss Esquire.
General Superintendent
Public Works Stores.

To

The Superintending Engineer
5th Circle.
Chepauk.

Sir,

With reference to your No 153. P.W.

dated 21st April 1898 I have the honour to request that you will kindly furnish me with the following information.

One Indent

1. Are three separate Indents to be sent for the Light House Apparatus? That is one for the 3 sets required for the current year, One for the six sets required for 99-00 and one for the two sets required for 1900-01. If so are all the Indents to be sent now or are the latter two to lie over for the present?

(2) Does the "Estimated Cost" given for each apparatus include also one set of Stores as given in the List of Stores? This is not clear from the statements. I would suggest that the Items of the stores be made in each instance perfectly clear if possible by reference to some known catalogue or printed List or we are sure to have references from Home about some article, which will mean delay.

(3). What is the meaning of the 2½ P.C. "for Trinity House" at the foot of Table I

No plans have been received to forward with the Indent though references are made to them in the Table and Specification.

I have the honour to be etc.
(Signed) H. Moss.
General Superintendent P.W. Stores.

No. 313 W.

To the Chief Engineer Public Works Department with reference to his No 8 D. dated 14 April 1898 for favour of orders.

Colonel R.E.
Superintending Engineer
5th Circle.

Dated 4 May 1898.

P.W. D.

Read Cho. 4037

Memo
No. 304 D., d/ 17th May 1898

The Genl. Supt. P.W. Stores will be informed that the whole of the apparatus should be included in one indent. The supplies required each year can be shown in the column of remarks. Any information required as to details should be obtained directly from Mr. Ashfield, by whom the indent should be scrutinized before it is submitted. The plans are in the Chief Engineer's office, and will be attached to the indent before it is sent forward to the Home Govt. They will, however, be sent to the General Supt. if he requires them for reference.

x It was thought that they need not have been sent to the Genl. Supt. as he only had to recast the indent.

R.S.

R.S.

E W
16-5-98

S. E. V Circle. D/ 17/5/98

5

Public Works (1898) Department.

CURRENT No. 4865

From E. A. Dennys Esquire
Examiner P.W. Accounts,
Madras & Coorg

No. 1910 B/B

Dated 7. June 1898.
Received } 8. 6. 98
Registered }
Enclosures ~~8~~ 6 (in triplic.)
Spare copies

C

Office Note
~~**Order**~~ To C

Please grant the certificate for the whole indent. Funds required during 1899-1900 and 1900-1901 will be provided in the budget estimates of these years.

W

P.K.8

SUBJECT.

Special Indent No. 7 of 1898-99.
Requests information regarding the provision of funds to meet the value

o.2.s.169

BACK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

Public Works (1898) Department.

EXAMINER,
P. W. ACCOUNTS.
3 - JUN 1898
No

CURRENT No.

Order

From The Supdg Engineer
5th Circle.

No. 368W

Dated 30 May 1898.

Received

Enclosures 5

Spare copies

SUBJECT.

Special Indent No 7
in triplicate

Forwarding the — for
Apparatus required from
England for Madras
Lights.

CK PAPERS.

No.	Date.

FURTHER PAPERS.

No.	Date.

No. 368 W.

SUPERINTENDING ENGINEER'S OFFICE,
V CIRCLE, MADRAS,
Chepâk, ~~30th May~~ 2 June 1898.

From

Colonel A.W. Smart R.E.
SUPERINTENDING ENGINEER,
V CIRCLE,

To

THE Chief Engineer
P.W. Department
thro' the Examiner, P.W. Accounts,
Madras.

EXAMINER,
P. W. ACCOUNTS.
3 - JUN. 1898
No.

SIR,

With reference to your No. 304 D dated 17 May 1898, I have the honour to submit a Special Indent No. 7 in triplicate for apparatus required from England for Madras Lights.

Enclosures
1 Indent in triplicate
1 specification
3 Tables 1, 2 and 3.

The indent amounts to £ 14,433 to be spent during the current and two successive years - Items 1 to 3 are required in October 1898. Items 4 to 9 in August 1899 and items 10 to 11 in August 1900.

It is requested that the plans which were not received in this office may be attached to the Indent.

I have the honour to be
Sir
Your most obedient Servant

AW Smart
Colonel R.E.

E. No. 27.
1,000—6-9-97.

KEEP-WITH CURRENT No.

dated 189 .

GOVT. OF MADRAS. } 1898. { P. W. DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras, 7 June 1898.

OFFICE NOTE No. 1910 B/B

To

W.

The English stores indented for from England in the accompanying special indent No. 7 of 1898-99 are required for use during the current and two successive years.

2. The grants to meet the value of stores required during the current year have been provided for in the Excluded local fund Civil works Budget, the right nomenclature of item ~~10~~ 1 of the indent being apparently "~~Kapti~~ Kaph rock light House"

3. Before I can give the usual certificate as regards funds, please state whether necessary grants to meet the value of the stores required during 1899-1900 and 1900-1901 will be provided for in those years.

7.6.98

C.

7.6.98

Public Works (1898) Department.

CURRENT No. 5690

From The Supdt. of works,
Light House Dn,
Madras

Order

No. 1066

Dated 14th June 98

Received } 17th June 1898

Registered 8-7-98

Enclosures

Spare copies

SUBJECT.

Informing that the indent submitted with his No. 974 of 17-4-98 is unaffected by G.O. No. 442 marine of 1-6-98 and can be forwarded to the Director General of Stores.

CW

od/56

The Presidency Post Officer.

BACK PAPERS.

No.	Date.

FURTHER PA

No.	Date.

OFFICE OF THE SUPT. OF WORKS, LIGHT-HOUSE D
Egmore, Madras,

No. 1066 Dated 14th June 1898.

From
F. W. ASHPITEL, Esq.,
SUPERINTENDENT OF WORKS,
LIGHT-HOUSE DIVISION,
Madras,

To
THE Secretary to Government,
Public Works Department.

SIR,

I have the honor to inform you that the indent submitted with my No. 974 dated 17th April 1898 is unaffected by Government Order No. 442 Marine dated 1st June 1898 and can be forwarded to the Director General of Stores.

With CAW

I have the honor to be,
Sir,
Your most obedt. Servant,
W Ashpitel
Superintendent of works,
Light House Division.

C 14.6.98

The Presidency Port Officer.