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(3) Initials of the Referencer DR

TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P.W.D. DEPARTMENT

G.O. No.	3360-1N.	Press.
B.P. No.		Mis.
Dated	7.12.1887	197.

Not to be folded or roughly handled

3360
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following letter from Colonel H. M. VIBART, R.E., Superintending Engineer, V Circle, to the Chief Engineer, Public Works Department, dated Chepāk, 29th November 1887, No. 3557 :—

With reference to paragraph 2 of G.O., No. 3056 W., dated 12th November 1887, I have the honor to state that it appears to me unadvisable to transfer the work at Seven Pagodas to the Buckingham Canal division.

2. The Sub-divisional officer of the Buckingham Canal division, nearest to Seven Pagodas, is at Madras, though there is an overseer of the Canal division stationed at Covelong and at Sadras according to the last published list of distribution of establishments.

3. The Sub-divisional officer at Chingleput has a good road to Sadras and thence to Seven Pagodas, which is only a few miles distant, he can easily go by the canal. Besides, the Executive Engineer of the Chingleput division at the Mount is nearer to Seven Pagodas than the Executive Engineer of the Buckingham canal, whose headquarters are at Pulicat, and the Superintending Engineer, V Circle, is very much nearer than the Superintending Engineer, II Circle. I think therefore that the work at Seven Pagodas should be in charge of the Executive Engineer, Chingleput.

ORDER—dated 7th December 1887, No. 3360 W., Public Works.

On further consideration the Government are of opinion that the Seven Pagodas should be in charge of the Executive Engineer, Buckingham Canal division. The Superintending Engineer, V Circle, will arrange to have the work transferred accordingly.

(True Extract.)

Captain, R.E.,
Under Secy. to Govt., P.W.D.

To the Superintending Engineer, II Circle.
" Chief Engineer for Irrigation.
" Examiner, Public Works Accounts.
" Public Department.
" Revenue "

Exd. J. Moses.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of Madras
PUBLIC WORKS.

Dated December, 7th.

Recd.

Enc.

G.O., 7th Dec. 1887, No. 3360 W.

DECEMBER.

Seven Pagodas

Orders directing that the — should be in charge of the Executive Engineer, Buckingham Canal division.

16TH JANUARY 1886, Nos. 30, 31, MARINE.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following paper:—

From J. H. TAYLOR, Esq., Lieut., R.N.R., Master Attendant, Madras, to the Acting Chief Secretary to Government, dated Madras, 24th December 1885, No. 10999.

Administrative department.

With reference to the several shipping disasters that have occurred lately on the Tripasore reef in the neighbourhood of the Seven Pagodas, I would beg respectfully to recommend that a light be placed on the spot, in the most convenient situation, to warn vessels off this danger. The *Hindustan*, the *Karamania* and the *Tangier*, though they offer distressing examples of the neglect of ordinary seamanship on the part of those in charge of them, are yet most severe losses to all those "owners," "consignees," "underwriters" and "ships' companies" concerned.

2. Sanction having been granted for a new second order light for Santopilly, which may at any time be expected, we shall then have a very excellent fourth order light available for Seven Pagodas, and meanwhile, if Government approve of the suggestion, I might avail myself of the services of the tug *Madras* now attending the wrecks, and proceed in her to choose a site which will be most suitable for the purpose. There are several high rocks in the neighbourhood, and probably only a very moderate turret or lighthouse will be necessary, the structure of which could be commenced in anticipation of the arrival of the light; such a light being only serviceable to the port of Madras itself, all the expense, upkeep, &c. &c., should be borne by the Port Fund of Madras as distinguished from the General Fund.

ORDER—dated 16th January 1886, No. 30, Marine.

Copy of the Master Attendant's letter will be communicated to the Government of India, Military (Marine), with the remark that this Government are strongly in favor of the establishment of the beacon suggested; that an estimate for the construction of the lighthouse has been ordered to be prepared as soon as the site has been definitely decided on; and that, if the Government of India approve, the work will be proceeded with as early as possible, the cost being defrayed from Port funds.

2. Meanwhile, the Master Attendant will report on the best site for the proposed light.

(True Extract.)

W. WILSON,
Acting Chief Secretary.

To the Public Works department.
" Master Attendant, Madras.

ENDORSEMENT—dated 16th January 1886, No. 31, Marine.

Copy to the Government of India, Military (Marine) department.

J. D. REES,
Under Secy. to Govt.

Exd. A. Raitt.

Gobt. of (1886) Madras.
MARINE.

Issued

Recd.

Encl.

G.O., &c., 16th January 1886,
Nos. 30, 31.

JANUARY.

Seven Pagodas Light.

Communicating, with remark, to the Government of India, copy of the Master Attendant's letter recommending the erection of —, and directing him to report on the best site for it.

1ST FEBRUARY 1886, No. 59, MARINE.

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

READ—the following paper:—

From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Master Attendant, Madras, to the Acting Chief Secretary to Government, dated Madras, 20th January 1886, No. 335.

Administrative department.

I have the honor to report my return from the Seven Pagodas after a careful inspection of the various sites offered by the adjoining rocks for the exhibition of a light, and I am glad to find that the one most remarkable of all from the sea is also the most conveniently situated for the purpose. It stands a quarter of a mile from the sea, and commands an uninterrupted view of the coast on both sides. It is exactly in the centre of the dangerous reef that has been so fatal to ships carelessly navigated of late. The remains of the *Hindostan* are still to be seen three miles south of the situation, and the *Tungier* and *Karamania* struck about four miles north. The water can be seen to break on several submerged rocks in the neighbourhood of both wrecks. The boulder itself is of immense size, and has at its base a small excavated temple to Siva, the carving in good preservation, and on the summit is a square turret-like mass of rock with florid ornamental carving on it, but not used or intended for religious ceremonies; in fact it is inaccessible without cutting steps in the main boulder; it has evidently been a rock placed fantastically by nature in its present position, and resembling in that respect great numbers of others in the immediate neighbourhood. I do not think that the elegant little light-room placed on the top would violate any aesthetic conditions, at all events not in anything like the degree that the erection of a tower or column of thirty or forty feet of modern design (which attitude would be required in any other situation) would cause in such a neighbourhood. The saving of expense also is a great consideration. I would therefore respectfully recommend that the Secretary of State be asked to expedite the shipment of the second order light for Santapilly, and that all expedition be used in the Department of Public Works to effect the change in that quarter, and have the present Santapilly light transferred to Madras to be placed on the proposed site.

2. If the above proposition meets with the approval of Government, I would suggest that the Director of Indian Marine be informed, through the Government of India, that it is intended to place a fixed white light on the Seven Pagodas, and as Captain Creagh has satisfied himself of the existence of patches of rocks far outside any described in the imperfect chart of the coast, the attention of the Director be drawn to the advisability of a new survey, as soon as a party can be spared for the purpose.

3. Considering the number of ships that have traversed this particular spot, and recalling the fact that, during the half century of wars between the French and English, great fleets of either nation were in constant motion between Port St. David, Covelong, and Madras, generally line of battle-ships of great draught of water, who, in close order, or tacking about with foul winds, must have, one would imagine, passed over every portion of this water space, it is most extraordinary that more mention has not been made of any outlying danger. In an old Directory of Hornburgh, who, with the imperfect means at his disposal, was, *par excellence*, the

hydrographer of eastern seas, it is mentioned that the Honorable Company's ship *Rockingham* in the year 1776, one hundred and ten years ago, struck on a shoal much about the same position described by the *Tingier's* Commander, and supported by Captain Creagh, the distance, however, though called by the *Rockingham's* bearings four miles off shore, was discovered to be really only $1\frac{1}{2}$ or 2. Why this accident has been omitted in modern nautical notices, and the danger removed from the charts, I cannot explain, however the subject demands investigation. The Commander of the *Tingier* informed me that he had occasion to warn several steamers of their danger when approaching the coast opposite his ship. I propose issuing a notice to mariners warning them not to come under 12 fathoms water when passing this reef.

ORDER—dated 1st February 1886, No. 59, Marine.

Ordered that the Government of India be addressed.

2. The attention of the Public Works department will be solicited to the request contained at the end of paragraph 1 of the Master Attendant's letter.

(True Extract.)

W. WILSON,
Acting Chief Secretary.

To the Master Attendant, Madras.
" Public Works department.

Edw. F. O'Connor.

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P. W. D.
No. 375 M. S. 11/10/86
Govt. of (1886) Madras.

MARINE.

Communicated to
the Suptg. Engineer I
Circle, in continuation
of G.O. No. 215 N of
26th January 1886; also
to the Suptg. Engineer
I Circle, for attention
to the request at the
end of para 1 of the
Master Attendants'
letter.

(Signed) *[Signature]*

S. E. V. Circle

S. E. I. Circle

Issued

Recd.

Encl.

G.O., 1st February 1886, No. 59.

No. 375 M. S. 11/10/86
FEBRUARY.

Lights.

Ordering that a letter from the Master Attendant, regarding the removal to the Seven Pagodas of the light intended for for the Santocilly rock, be forwarded to the Government of India, and that the Public Works department be requested to effect the change as soon as possible.

[Signature]

8th April 1886, No. 167, MARINE.

23/5

GOVERNMENT OF MADRAS.

MARINE DEPARTMENT.

Read—the following paper:—

From J. F. FINLAY, Esq., Officiating Under Secretary to the Government of India, Department of Finance and Commerce, to the Chief Secretary to the Government of Madras, dated Calcutta, 20th March 1886, No. 1439.

I am directed to acknowledge the receipt of your endorsement, No. 31, dated the 16th January 1886, addressed to the Military (Marine) Department, and to state that the Governor-General in Council approves of the proposal of the Government of Madras for the establishment of a beacon in the neighbourhood of the Seven Pagodas, on the understanding that its cost will be defrayed from Port funds.

Copy forwarded to the Accountant-General, Madras, for information.

Order—dated 8th April 1886, No. 167, Marine.

Communicated to the Master Attendant. The information called for in paragraph 1 of G.O., 17th February 1886, Mis. No. 84, is awaited.

(True Extract.)

[Signature]
for Chief Secretary.

To the Master Attendant, Madras.
" Public Works Department.

Edw. T. O'Connor.

READ—also the following paper :—

From T. E. MARSHALL, Esq., Acting Port Officer, Madras, to the Chief Secretary to Government, dated Madras, 9th August 1886, No. 7587.

I have the honor, in attention to your official memorandum, No. 1288-C, of date 5th instant, to furnish the following remarks on paragraph 2 of G.O., Marine Department, No. 241, of date 12th May 1886.

2. The site selected for the Seven Pagodas light is situated 29 miles to the south of Madras, or about 9 miles beyond the range of the Madras light, and 47 miles north of Pondicherry. Madras displays a white revolving light, and Pondicherry a white fixed light, and it is in reference to these two lights that the description of the light to be fixed at the Seven Pagodas must be decided. Puduchet light is 21 miles from Madras and 49 miles from the Seven Pagodas, and a vessel running down the coast and missing the former light is bound to sight the Madras light, which is visible at a distance of 20 miles. The Seven Pagodas light will not be a port light, but a danger light to steamers bound to Madras from the southward during the prevalence of the North-east monsoon, and it might advantageously be a red light, and the fourth order dioptric lantern from Santopilly could, as proposed in this office letter, No. 385, dated 20th January last, be utilized by the substitution of red chimneys in lieu of white. Captain Taylor approves of this proposal.

3. I would, however, take this opportunity of bringing to the notice of Government that the French authorities are contemplating a change in the Pondicherry light. The British Consul at that port, on being asked to obtain information regarding the character of the new light, states, in reply, "that the question of the new light is still *sub judice*." It is to be hoped that it is not the intention of the authorities to alter the character of the Pondicherry light from "white fixed" to "white revolving" like the Madras light, and I would recommend that the French Government be communicated with on the subject, as two first-class lights of the same description, only 77 miles apart, each having a radius of 20 miles, are likely to lead to confusion.

ORDER—dated 25th August 1886, No. 475, Marine.

As the Seven Pagodas light is intended to be a warning beacon, the Government concur with the Port Officer, Madras, that it should be a red light, the present Santopilly light being utilized for the purpose by the substitution of red chimneys for white.

2. Copy of these Proceedings will be forwarded to the Government of India, in continuation of the letter from this department, dated 1st February 1886, No. 60, with the request that the Director of the Indian Marine may be informed of the change of the color of the light.

3. The Government of Pondicherry will be addressed in the Political Department in view to ascertain what change is contemplated in regard to the light at that port.

(True Extract.)

Chief Secretary.

To the Port Officer, Madras.

" Collector of Chingleput.

" Public Works Department.

ENDORSEMENT—dated 25th August 1886, No. 476, Marine.

Copy to the Government of India, Military (Marine) Department.

E. F. WEBSTER,

Chief Secretary.

Encl. A. Encl.

3360
7.

Govt. of (1886) Madras.

MARINE.

G.O., No., 25th August 1886,
Nos. 475, 476.

AUGUST.

Seven Pagoda Light.

Concurring with the Port Officer, Madras, that, as the — is intended to be a warning beacon, it should be a red light, and addressing the Government of Pondicherry in the Political Department in view to ascertain what change is contemplated in regard to the light at that port. Copy to the Government of India.

15th OCTOBER 1886, No. 2708 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers:—

From J. H. TAYLOR, Esq., Lieutenant, R.N.R., Port Officer, Madras, to the Chief Secretary to Government, dated 23rd September 1886, No. 9252.

With reference to the Government Orders as per margin, I have the honor to submit, approved, the following estimates received from the Superintending Engineer, V Circle, for the erection of the proposed light at the Seven Pagodas and buildings connected therewith:—

	rs.
1. Estimate for erecting a stone platform for a fourth order light	1,320
2. Do. for constructing superintendent's quarters	4,425
3. Do. for do. lascars' lines	2,270
4. Do. for do. two sentry boxes	150

2. A portion of the fourth order lantern from Santopilly has already been sent by the Executive Engineer, Vizagapatam division, with a view to a commencement being made at the Seven Pagodas, and the rest will follow at the end of this month after the exhibition of the new second order light at Santopilly on the 24th instant. There is therefore no time to be lost, and early sanction is solicited to the estimates submitted, the whole amount being placed at once at the disposal of the Public Works Department, from Port Funds, with instructions to push on with the work as expeditiously as possible.

3. The plans are also herewith enclosed.

No. 1664 C., Marine.

Approved, and transferred to the Public Works Department.

(By Order.)

(Signed) E. S. LAFFAN,
Under Secretary.

4th October 1886.

Note by the Chief Engineer, Public Works Department.

The plans and estimates for the construction of a platform for a fourth order light at the Seven Pagodas and the buildings connected therewith are submitted without a report or specification of any kind, and the following points appear to call for attention.

2. The plan shows the old temple roofed in with teak joists 3" x 6" covered with 1 1/2" planking, whereas the estimate allows a covering of granite slabs 1'-0" x 0'-9" with 6" of concrete over them, plastered with two coats of chunam. Particulars of the structure containing a fourth order light are not afforded; so it is not possible to say whether 3" x 6" joists or granite slabs 1'-0" x 0'-9" are sufficiently strong.

3. The scantlings of the roof timbers of the superintendent's residence appear to be insufficient when compared with the standard specifications, especially the bressummer, which should be $7\frac{1}{2}'' \times 10''$ instead of $6'' \times 8''$; the hip rafters also should be $3'' \times 6''$ instead of $3'' \times 5''$; the verandah rafters $3'' \times 5\frac{1}{2}''$ instead of $3'' \times 4\frac{1}{2}''$; and the rafters of the main roof $3'' \times 4''$ instead of $2'' \times 4''$. Flooring with 8" square bricks is allowed, but no provision is made for any concrete or other bedding under the bricks.

4. As the work is reported to be emergent, the estimates are recommended for sanction; but the Superintending Engineer should be called on to explain the discrepancies above mentioned; and, if necessary, to submit revised estimate with the least possible delay.

(Signed) J. O. HASTED, Colonel, R.E.,
Chief Engineer, Public Works Department.

9th October 1886.

ORDER—dated 15th October 1886, No. 2708 W., Public Works.

The estimate, amounting to Rs. 8,165, for constructing a light-house at the Seven Pagodas, is sanctioned for immediate execution.

2. The question of early allotment of funds, as shown in the margin, will be considered in the Financial Department.

Port Funds.				Rs.
For works	...	...	...	8,165
" establishment	...	...	...	1,818
" tools and plant	...	...	...	62
Total				10,125

3. Attention is drawn to the note by the Chief Engineer, Public Works Department, above recorded.

4. The Superintending Engineer, V Circle, will forward, direct to the Examiner of Public Works Accounts, a general abstract estimate for the work.

5. This sanction has been registered as Excluded Local, No. 20 W. of 1886-87, and classified as Miscellaneous Public Improvements, Original Works.

(True Extract.)

(Signed) J. O. HASTED, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, IV Circle, with eight enclosures.

- " Examiner, Public Works Accounts.
- " Financial Department.
- " Marine
- " Newspapers.

Exd. E. Fernandez.
Spare Copies

3360
9

BUILDINGS AND ROADS.
CIVIL WORKS.

Gobt. of (1886) Madras.
PUBLIC WORKS.

Dated October, 15th.

Recd.

Encl.

G.O., 15th Oct. 1886, No. 2708 W.

OCTOBER.

Light-house at the Seven
Pagodas

Estimate of Rs. 8,165 for constructing a
— sanctioned for immediate execution.

SUPERINTENDING ENGINEER'S OFFICE,

V Circle, Madras.

Chennai, 29th November 1887.

No. 3557

From

Colonel H. M. V. S. R. E. V. S. R. E.

SUPERINTENDING ENGINEER, V CIRCLE,

To

The Chief Engineer
I. W. Department

Sir,

Enclosures.

With reference to para 2 of
L.O. No 3056 u dated 12th November 1887
I have the honor to state that it appears
to me unadvisable to transfer the work
at Seven Pagodas to the Buckingham
Canal Division.

2. The Sub Divisional Officer
of the Buckingham Canal Division
nearest to Seven Pagodas is at Madras
though there is an overseer of the Canal
Division stationed at Covelong and
at Sadras—according to the last published

list

list of distribution of Establishments.

3. The Sub Divisional Officer at Chingleput has a good road to Sadras and thence to Seven Pagodas, which is only a few miles distant, he can easily go by the Canal. Besides the Executive Engineer of the Chingleput Division at the Mount is nearer to Seven Pagodas than the Executive Engineer of the Buckingham Canal whose Head quarters are at Pulicat, and the Superintending Engineer V Circle is very much nearer than the Superintending Engineer II Circle, I think therefore that the work at Seven Pagodas should be in charge of the Executive Engineer Chingleput.

I have the honor to be,

Sir

Your Most Obedient Servant

Mr. R. E. Bull R.E.

Supg. Engineer V Circle

37/11

S.O. 3056W - 2/12-11-87

Nº 3808 - 22-7-87

" 1368 - 20-5-87

S.O. 2760W - 20-10-86

" 1513W - 15-6-86

" 731W - 23-3-85

B. Nº 23W - 6-1-85

S.O. 2633W - 10-10-82

Rebecca Asch

11 on down

dioptric lights belonging to this
Presidency, and to select operations
to the same, the cost being borne by
Port Funds. I have, also, to request
that early orders may be issued in
the Public Works Department
for the construction of the light-
house buildings being first and

hand, as soon as possible.

Order thereon 15 November 1886 No. 528 in

The proposed Establishment is sanctioned.

With reference to the latter part of
his letter the attention of the Port
Officer is drawn to G.O. dated 15th
October 1886 No. 2708 W, in the Public
Works Department.

(True Contract)

W. Meyer
Asst. Secretary

The Public Works Department ✓

" Port Officer, Madras

" Accountant General

Asst. Secretary

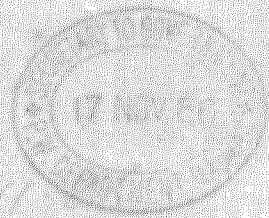
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27/10/86
 2357/86
 1095/86
 875/86
 215/86

[6]

Gobt. of 1881 Madras.

to PWD



Proceedings, dated 16/11/86
 No. 628/86

Subject.

No 3069/86 of 17/11/86
 Same as proposed
 statement for the
 establishment
 required for the same
 Pagoda Light

Communicated to
 the Supdy. Engr. V. Circle
 2. The work will be
 put in hand as soon
 as the funds asked for
 in G.O. No. 2708 Wdy 15
 October 1886 have been
 allotted.

WED
 18/11/86

Jolt
 15/11/86

S.E. V circle
 Marine Dept.

PWD

with order

13/11/86
 et wady
 PWD

No 3360 W dated 7/11/86

2/11/86

Read Cir 9760

Order -

On further con-
 sideration, the Govt
 are of opinion that
 the Seven Pagodas should
 be in charge of the
 Engr. Engineer, Madras
 Canal Division. The
 Supdy. Engr. V Circle
 will arrange to have
 the work transferred
 accordingly.

S.E. II circle
 S.E. I Circle
 Ch. Engr for Madras
 Engr. PWD
 Public Works
 Res. Dept.

Jolt
 15/11/86

Govt of India

PUBLIC WORKS

11/2/19

7 Dec 1930

Seven Pagodas

Orders directing that
the - should be a
change of the Ex. Secy,
Buckingham Canal
Ditch.

130

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W. H. C.