

(1) Number of pages 6

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

Revenue

DEPARTMENT

G.O. No.	2802	Press.
B.P. No.		Mis.
Dated	17. 5. 1877	197 .

Not to be folded or roughly handled.

*Proceedings of the Madras Government, Public Works Department,
24th April 1877. No. 1,410.*

Read the following papers :—

No. 585. From Colonel J. F. FISCHER, R.E., District Engineer, Madura, to the Secretary to Government, Public Works Department, dated Madura, 6th November 1876, No. 2,899.

With reference to G.O., of the 28th August 1876, No. 2,279, I have the honor

One Estimate.	to submit the estimate for the proposed
" Plan.	structure at the top of the Goodaloor
" do. of bridge.	Ghaut, together with estimate, &c., amount-
" Section.	ing to Rupees 3,800, and beg to observe,
" Letter in original.	as pointed out by the Assistant Engineer
" Data.	

in charge, that this design is very unsuitable for such a locality and had better be built at Goodaloor itself, where it can be properly looked after and will not be liable to be destroyed by the wild elephants. I had this object in view when I submitted the original design, and followed the example of the Travancore people in having a small compact building which can be easily defended from the ravages of these beasts, and as I did not expect to get much money, I restricted the estimate to as small a sum as possible, but such a structure will not cost more than Rupees 1,000 for pukka work in all probability, and, as it would be of the greatest convenience in such a locality, I trust it may yet be approved of for sanction.

2. I beg to send the section of the nullah called for in paragraph 2 of the above Government Order and the design for the bridge, the truss is not a good one and requires to be greatly strengthened by an iron tie with screws to prevent sagging; but, as the nullah has very little water in it at any time, I do not recommend this work being carried out at present, particularly as beyond the head of the ghaut the road is not passable for bandies, and the gradient of this is so steep pack animals are far more likely to be employed for many years; it is much to be regretted that in laying out ghauts in this country no notice whatever has been taken of the draught-power of the cattle, so that most of these works will have to be reconstructed in order to be of any economical value.

3. I beg to submit Mr. Davidson's report in original for your perusal, and remark that the original design and papers referred to in paragraph 1 of this letter have not been returned to this office.

No. 585-A. From the Chief Engineer, Public Works Department, dated 28th November 1876, No. 1,789.

No. 585-B. From W. C. BARTON, Esq., M. Inst. C.E., Chief Engineer, Travancore Government, to the Chief Engineer, Public Works Department, dated Trevandrum, 4th December 1876, No. 5,303.

I HAVE the honor to acknowledge receipt of your No. 1,789 of the 28th November 1876 and to give my opinion as follows.

2. The need of shelter at or near the Goodaloor ghaut head is obvious. There is none on the ghaut itself or within $9\frac{1}{2}$ miles of it eastward (*vide* paragraph 1, Colonel Fischer's No. 629,) and no established camp westward (or on the Travancore side) for 20 miles.

3. The best locality, all circumstances considered, I believe, will be immediately at the head of the ghaut; indeed upon the same site as Lieutenant Greer's camp was established while the ghaut was under construction. That site is open to the east, and with a small expenditure in felling the jungle westward I believe the camp would be fairly healthy all the year round; certainly infinitely more so than what is known as Goodaloor Thavalum (half a mile west of the ghaut) a level piece of swampy bamboo jungle.

4. The water-supply would be obtained from wells; there is no stream within miles which holds out with any supply of potable water during the dry season.

5. From the traffic returns received for the week ending 26th November 1876, 135 bandies, 591 baggage coolies, 54 pack bullocks and drivers passed over the road, but the traffic is just now very slack; at other seasons of the year it is much heavier.

6. I cannot form any reliable estimate of the number of European travellers, but I may mention that as a route to the railway from Termara the Goodaloor ghaut and road to Periaculum is now generally adopted in preference to that *via* Cochin and Shoranoor.

7. It may also be interesting and of service to you to learn that the Government of Travancore has recently sanctioned the erection of a timber bridge over the Perriar, which we hope to get completed before the next monsoon, and that the road on the Travancore side will then be bridged throughout its length from the frontier at Goodaloor to the backwater at Cottayam.

No. 751.

REFERRED to the Collector of Madura for opinion regarding the site of the proposed chuttrum.

FORT ST. GEORGE,
20th March 1877.

(Signed) W. FAREWELL, Colonel,
Ag. Chief Engineer, P.W.D.,
Buildings and Roads Branch.

No. 585-C. From W. McQUHAE, Esq., Collector of Madura, to the Chief Engineer, Public Works Department, dated Camp at Kiringacottah, 1st April 1877, No. 1,098.

With reference to your endorsement on the enclosed letter from the Chief Engineer, Travancore, dated 4th December, No. 5,303, I have the honor to state that the best site for the proposed chuttrum would be Lieutenant Greer's camp but for the fever which prevails for about five months in the dry season. It is true that shelter is needed at the top of the ghaut and the proposed building will be of great use from July to February; in the dry season it will be useful for resting and cooking in, but

not for sleeping. It cannot be rendered healthy as supposed. On the whole I am in favor of a site near Lieutenant Greer's camp, because it is during the monsoon or healthy season that people will be most likely to be detained by the badness of the roads; in the dry season they can push on and need not sleep at the choultry.

No. 586.

ORDER THEREON, 24th April 1877, No. 1,410.

CIVIL WORKS, No. 48.

Head of Service.—Provincial.
Fund.—Ordinary.
Class.—Original Works.
Sub-head.—Communications.
Sub-head.—Main Roads.
Work.—Constructing a chuttrum at the head of the Goodaloor Ghaut.
Amount.—Rupees 4,000.
To be carried out by the Public Works Department.

HIS GRACE the Governor in Council sanctions the estimate of Rupees 4,000 as corrected in the Chief Engineer's Office for the construction of a chuttrum at the head of the Goodaloor Ghaut in the Madura District.

2. The site determined upon for the building is that recommended by the Chief Engineer of the Travancore Government on which Lieutenant Greer's huts were formerly erected.

3. Funds, if possible, will be provided later in the year for the work, when orders will be issued for its commencement.

4. The plan of the timber trussed bridge for the nullah at the foot of the ghaut will be modified by the Chief Engineer, who will resubmit it for sanction. Meanwhile the District Engineer will ascertain how many days in the year the nullah is unfordable or impassable, and whether the season of its being in flood is that in which most traffic takes place on the ghaut.

5. The sanction accorded in paragraph 1 has been registered as Provincial No. 39 W of 1877-78.

(True Extract.)

(Signed) E. A. FOORD, Colonel, R.E.,
Secretary to Government, P.W.D.

To the District Engineer, Madura.

„ Collector of do.

„ Financial Department.

„ Examiner of Public Works Accounts.

Order in the Manual Department 15 May 1877 No. 1456

Communicated to the Revenue Department.

Exd. E. C. Shunker.

Spare Copies

To the Revenue Department, 4/5/77

Under Secretary

Gobi. of 1877; Madras

PUBLIC WORKS.

To

THE DISTRICT ENGINEER,

MADURA,

&c., &c., &c.

Dated April 24th.

Issued

Recd.

Encl.

G. O., 24th April 1877. 21,410.

APRIL

Nos. 585-586.

Chutrum at the head of the Gendaloor
Ghaut in the Madura District.—The estimate
of Rupees 4,000 for the construction of a
— sanctioned with remarks.

Revenue (187) Department
No 2525

Pro: of Govt Financial
Dept

Date 15th }
Dec 15th } May 1871
10/188

Pro: Govt. Sanctioning
the estimate for the
construction of a Chul
-burn at the head of the
Goodwin Channel in
the Madura St.
No 2302.

Come to the
Board of Officers
14 May 71. C.V.V.
16.5.71

2. In the No. of Revenue 14-5-71