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# MADRAS RECORD OFFICE.

Government of Madras.

*Public Works* DEPARTMENT.  
*Comm. 17.2.57*

|                  |               |
|------------------|---------------|
| G.O. No. 311     | Press<br>Mis. |
| 30-31            |               |
| Dated 17-2-18 57 |               |

Not to be folded or roughly handled

*Fort Saint George, Public Works Consultation of 17th February 1857.*

No. 30. Read the following letter from Colonel C. E. FABER, Chief Engineer; to H. FORBES, Esq., Acting Secretary to Government D. P. W., dated 28th January 1857, No. 9825.

SIR,

I have the honor under Clause 2, of Extract Minutes of Consultation No. 696, dated 18th October 1855, to forward an Extract (para. 6,) from Lieutenant Palmer's Report for the month of September 1855, with reference to which the District Engineer of Ganjam was requested\* to

\* Extract from Proceedings  
No. 2079, dated 23rd Oc-  
tober 1855.

furnish some definite proposal, as to the best means of overcoming the danger to the surrounding country, by the overflowing of the Denda Gedda channel.

2. In 1854, by the overflowing of this channel, the bridge across it on Trunk road No. 6, was destroyed, (since re-built) the road rendered impassable for several days, and the country inundated to such an extent, that the natives were obliged to leave the village in the neighbourhood of the channel.

3. The District Engineer with a letter No. 1150, dated 24th December 1856, submits a plan and estimate amounting to Rupees (1,390) one thousand, three hundred and ninety, for building a Calingulah with 5 under sluices, about 350 yards below the site of the bridge before noticed.

4. The Denda Gedda is a hill stream, crossing the Trunk road about 3 miles south of the Town of Itchapore, and at a short distance below its bridge, the Ryots are in the habit of constructing yearly a strong Earthen Embankment across the stream, to raise the level of the water for their cultivation, thus causing the flooding of the adjacent country.

5. The object of the Calingulah now proposed, is to keep the water on a sufficiently high level for the cultivation, and at the same time to allow of the escape, into an existing large surplus channel, of the excess of flood water, to a level of 1 foot below the spring of the arches of the bridge. From the false nature of the soil forming the channel banks, it will be necessary to revet them with rough stone for a length of 40 yards, on either side.

6. It being very desirable, that the regulating Calingulah should be completed before the next monsoon, I solicit and recommend the sanction of Government for its immediate execution, the rates allowed in the estimate are moderate and sufficient, and the plan appears to be well calculated to answer the purpose desired.

No. 31. ORDER THEREON, No. 311; dated 17th February 1857.

The Right Honorable the Governor in Council sanctions the estimate submitted with this letter, amounting to Rupees (1,390) one thousand, three hundred and ninety, for the construction of a Calingulah with five under sluices to the Denda Gedda channel in the District of Ganjam, and directs that it be entered in the Budget of 1857-58 in the Government office. The works, if commenced in May next, would be completed before the monsoon, and there seems therefore no necessity for authorizing their immediate execution as recommended by the Chief Engineer.

(Signed) H. FORBES,  
*Acting Secretary to Government.*

2  
Extract from the Report of Lieutenant W. C.  
Palmer, Assistant Superintendent of Roads  
for the Month ending 21<sup>st</sup> September 1835.

P. 6. This Denda Gedda is most feared  
by natives of all the streams in the District,  
on account of its rapidity, its depth and its  
muddy bottom, and hitherto there have been  
several lives lost yearly in it, last year the  
heavy flood in it, inundated the whole of the  
surrounding Country, rose higher than the top of  
the present bridge, and the road was impassable  
for days, and the natives were obliged to leave the  
Villages on account of the inundation. The  
extra arch to be added to the Bridge will not  
be sufficient to remedy this evil, and to protect  
the communication, the road ought to be raised  
one yard higher, and tunnels built to allow  
the surplus water to flow through, or else another  
plan would be to cut a Channel from the  
point where the stream is dammed up about a  
mile from the Bridge, so that the surplus water might  
have a regular Channel to discharge itself by, instead  
of spreading itself over the face of the country, as it  
does at present. This would involve a large expenditure,  
as the stream is 36 yards broad, but it would be  
the more desirable as it would prevent the destruction  
of crops and property, whereas the raising of the road way  
would only avail to preserve the communication.

Camp Woorhampton  
21<sup>st</sup> September 1835.

/s/ W. C. Palmer Lieut  
Asst Supt of Roads.

/s/ W. Birdwood Major  
Civil Eng. &c.

Chief Engineer

Ganjam Dist.

Central Office of R.W.  
Fort St. George 28<sup>th</sup> January 1837

Receive  
Emigrations

No 925.  
From The Chief Engineers  
To The Acting Secretary to Government  
R.W. Department.

Sir,  
1. I have the honor under Clause 2 of the  
Minutes of Consultation No 690 dated 18<sup>th</sup> October  
1835. to forward an Extract (para 6) from the  
Lieutenant Palmer's Report for the Month  
of September 1835, with reference to which the  
District Engineer of Ganjam was requested  
to furnish some definite proposal, as to the best  
means of overcoming the danger to the surrounding  
Country, by the overflowing of the Denuda Gedolal  
Channel.

24<sup>th</sup> from Proceedings  
No 3079. 2/33<sup>rd</sup> Oct 1835.

2. In 1834, by the overflowing of this Channel,  
the bridge across it on Trunk Road No 5 was de-  
stroyed. (since rebuilt) the road rendered im-  
passable for several days, and the Country inun-  
dated to such an extent, that the natives were  
obliged to leave the Village in the neighbourhood  
of the Channel.

Forwarded

3. The District Engineer with a letter  
No 1150 dated 24<sup>th</sup> December 1836, submits a Plan  
and Estimate amounting to Rupees (1390) One  
thousand three hundred and ninety, for building  
a Calingulah with 5 Under Sluices, about 350 yds  
below the site of the bridge before mentioned.

4. The Denuda Gedolal is a hill stream,  
crossing

1836 Oct 28

Enclosed is a letter from  
The Chief Engineer  
to the Secretary to Government  
R.W. Department

28<sup>th</sup> 1835  
28<sup>th</sup> January 1837

1836/37

No 925

Extract of the  
Report of the Lieut. Col.  
Palmer, Assistant Secy.  
to the Government of  
Madras, dated 18<sup>th</sup> October  
1835, respecting the overflowing  
of the Denuda Gedolal Channel.

crossing the Trunk Road about 3 miles south of the Town of Ichapore, and at a short distance below its bridge, the Ryots are in the habit of constructing yearly a strong Earthen Embankment across the stream, to raise the level of the water for their Cultivation, thus causing the flooding of the adjacent Country.

5. The object of the Calingulah now proposed, is to keep the water on a sufficiently high level for the Cultivation, and at the same time, to allow of the escape into an existing large surplus Channel, of the excess of flood water, to a level of 1 foot below the spring of the Arches of the bridge. From the false nature of the soil forming the Channel banks, it will be necessary to erect them with rough stone for a length of 40 yards on either side.

6. It being very desirable, that the regulating Calingulah should be completed before the next Monsoon, I solicit and recommend the sanction of Government for its immediate execution, the rates allowed in the Estimate are moderate and sufficient, and the plan appears to be well calculated to answer the purpose desired.

I have the honor to be

Sir

Your most Obedt Servants

Central Office of R.W.S

Mr J. George

25 January 1857

Mr J. L. Colwell

Chief Engineer

List of Enclosures.

1 Letter from the Civil Eng<sup>r</sup> 9<sup>th</sup> Dec<sup>r</sup> No 1150.  
Dated 24<sup>th</sup> Dec<sup>r</sup> 1856.

1 Abstract Estimate

1 Plan

1 Copy of Abstract from Lieut Palmer's Report

No 2311

From the Chief Engineer  
H. H. <sup>204</sup> Secretary to the Committee  
On the Disposition of

1874-1875

The Secretary to the Governor in Council directing the Estimate of the Budget, with the latter amounting to and of money for the construction of a Colindale with five miles, places to the District, the Channel in the District of Benjamin, and directs that it be ordered in the Budget of 1857/58 in the Government Office. The party of some induced in they are to be made to be made before the Governor, and there being therefore no necessity for anything, their immediate execution, or, however, directed by the Chief Engineer.

Wm. H. George  
St. Paul, Minn. 1887

With our order