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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

Cons. 17-3-1857

G.O. No. 461	Press Mis.
13—14	
Dated 12—3—	1857.

Not to be folded or roughly handled

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No 10013.

Central Office of P.W.

Official Memorandum—

In compliance with the requisition contained in the Memo from the Acting Secretary to Government dated 30th Ultimo, the Acting Supg Engr has the honor to forward a List of works omitted from the Budget of 1857/58, under the discretion allowed the Chief Engineer in Ex. Hon: Con: of the 31st January 1857/891, prepared in the form directed.—

Fort Saml George
4th February 1857

Ulrtus.mo Capt.
Acting Supg Engineer &c
in charge Central Office of P.W.

To
The Acting Secretary
to Government
&c &c &c.

Comp.d Shary

execution

(Central Office of P.W.

Fort Saint Georges
29th January 1857.

From
The Chief Engineer &c &c &c

To
The Secretary
to Government Ft. St. G.

Sir,

I have the honor to submit for the consideration of the Hon'ble the Governor in Council, and for transmission to the Government of India, the accompanying Public Works Estimate for the expenditure in the ensuing year 1857/58 on the Roads & Bridges in the Provincial List No 1 and 2 —

2 The arrangement with the orders communicated in Chief Secretary's Consultation 31st January 1857 No 11 and received in my Office on the 5th Instant, the amount for new works of all Kinds has been reduced to about 50 Lacs of Rupees. This sum is to be distributed among the several Districts in proportion to the extent of area, population, revenue, and amount of attention hitherto bestowed on them. The estimates submitted by the Local Officers in their lists, conformable to these data, will be found to exceed the above limit, but it is considered that the Estimates should be framed in the first instance on the full scale of requirements, and with these amounts as a guide, the inferior ones may be struck out in the Provincial List, by the Local Officers in their respective Districts.

I have &c &c &c

Executive

Pub Works 1857 Default
Dated 17th March.
No 238.
From
The Ag Supdg Engr N.C.

To
The Ag Secy to Govt NWP.

Dated 4th February 1857
Rec'd 13th

No 10013

Forwarding a list of works omitted from the Budget of 1857/58 as called for in a Memo from Govt of 30th Ultimo

No 13 of 4

407
408
409

have been checked and reduced, so as to bring the whole sum provided for new works within the assignment fixed by Government. The revision of the entire budget thus rendered necessary, has been the cause of its detention up to the present date. —

3. The total amount of the three lists is as follows. —

	Rs
New works No. 1 ------	9,03,040
do No. 2 ------	10,97,070
Repairs .. No. 3 — -	21,53,910
Total	41,54,020

* exclusive of the 1 Lac for isolated works, referred to in Col Baker's letter of 11th July 1856 no 3173 para 10.

4 — With reference to Extract Minutes of Consultation 30th May 1856, No. 828, para 2, I have the honor to observe, that only such works have been selected from the works in progress, and those sanctioned or submitted for sanction, in the lists of 6th and 17th December 1856, as have been considered absolutely necessary with due regard to the limited expenditure: but if further selection be deemed requisite by Government, the works distinguished by red ink crosses against them may be postponed till the Official Year 1858/59. —

5 The orders of the Government of India dated 11th July 1856 forwarded with Extract Minutes Consultation 12th August 1856, No. 1405, have been conformed

9

conformed to as far as practicable, except para 61. the letter No. 1620 dated 16th September 1855 referred to therein, not having been communicated to this Office, the Statement No. 3 has been prepared in the same manner that it was in last year. —

Extract Minutes Consultation 26th June 1856 No. 1055

6 The Synopsis directed in para 6 of Colonel Baker's letter of 30th May 1856, has not been attached, it being a work that can be properly done only after the Budget Statements have been finally approved and passed by Government. I shall be ready, however, to detach two of my Accountants to the Government Office for the preparation of this document when the lists have undergone the necessary sanctions

7 An allowance of 28,000 Rupees has been made in Statement No. 1 for the Mahanuddee Embankments in the Ganjam District. On this subject certain information was called for by the Government of India, which the District Engineer is endeavouring to collect. Meanwhile, the above amount has been provided under the emergency for the execution of the works, as explained in the correspondence marginally indicated, and also under the strong expression founded on personal inspection by so able and experienced a practical Engineer as Lieutenant Colonel F. C. Cotton in his Report on the Ganjam District, para 61. Et seq. The detailed information

Para 12 of Colonel Baker's letter 11 July 1856 No. 3173 in Extract Minutes Consultation 12th August 1856 No. 1405

Joint Minutes Consultation 26th April 1856 No. 575 12 January 1857 No. 71

12th July 1856

execution

information called for in regard to the project for the extension of the Eastern Coast Canal from the Palar river to Alumparva was furnished under date 8th September 1856 No 6379, and will be again submitted in complying with Extract Minutes Consultation 29th September 1856 No 1758. — Para 13

2 An allowance of 1266052 Rupees has been made for repairs of irrigation works. It will be seen by the progress Report for 1856/57 that the actual expenditure in that year on such repairs, was 11,71,731. The sum now provided is, therefore, not much in excess of that which experience has shewn to be actually requisite for the conservation of the great system of hydraulic works, existing in this Presidency. On this subject, a detailed report will be shortly laid before Government with reference to paras 14 and 15 of Extract Minutes Consultation 25th April 1856, No 565, the correspondence relating to it being still incomplete, the reply of the District Engineer of North West to my Circular of the 3d May 1856, having been received only on the 20th instant, and that from the Civil Engineer of the Kristnah Division being still due. —

9 The superintendence available at present in the several districts is sufficient for the execution of the works proposed for the ensuing year. The only

District

District Engineers who have asked for additional assistance, are Major Birdwood and Lieutenant Foord, but as the bridges across the Pyree and Poondi rivers for which the former officer requires it, have been postponed by me, the necessity for providing the same has been obviated, and another 2nd Assistant Civil Engineer, Lieutenant Hamilton, has been posted to the District of South West. —

10 In conclusion, I feel it my painful duty to bring to the notice of Government that Lieutenant Goddard, the District Engineer of Canara, has wilfully failed in submitting the budget Statements of his District, notwithstanding that his attention has been called to the same in a Circular of the 20th October 1856, and reminders of 31st December 1856, and 16th January 1857; that Officer's inattention to existing orders in other respects, has also been very reprehensible, the progress reports for Canara not having been submitted from 1st September and the Accounts-Current being due from 1st August last. I trust that the displeasure of Government at the want of ordinary deference displayed by that Officer, may be exhibited in a manner which may serve as a warning to other Officers who may similarly neglect the time by submission of their periodical reports. I must add that my own dissatisfaction with

execution

with the manner in which Lieutenant Goddard conducts the duties of the important position to which he has lately been preferred, has further been great, in consequence of the harsh measures he has adopted towards several of his subordinates, to which I have been unable to assent, and which have led to much vexatious correspondence, to the interruption of other business, and to the injury of the public Service. Unless the Special interposition of Government now solicited, shall produce the effect of a marked improvement in Lieutenant Goddard's proceedings, it will become necessary to submit for the consideration of Their Lordships in Council, the question of his removal to a lower grade in the Department of Public Works. —

Central Office of Pub. Wks.
Fort Saint George
22d January 1857.

I have the honor to be,
Sir,
Your most obedient Servant

Chas Fraser Colonel
Chief Engineer

End No

Public Works Dept

No. 461

Extract from the Minutes of Consultation

Under date the 12th March 1857.—

Read the following

papers.

From the Chief Engineer.
Submits for consideration and
for transmission to the Govt. of India
if approved, the Budget of Public Works
proposed for execution in the ensuing
year 1857/58.

Here enter 23d January 1857
No. 9709

Memorandum from
Offg Supt Engineer NC.
in charge Central Office of
Forwarding a list of works
omitted from the Budget of 1857/58 as
called for in a Memo from Govt. of
30th Ultimo.

Here enter 4th February 1857
No. 10013

Pl. With the letter
of the 23d January 1857 the
Chief Engineer submitted
for transmission to the
Government of India the
Budget of Public Works
comprised in three state-
ments, proposed for
execution

Public Works Dept
Budget for 1857-58
Estimate
from
The Chief Engineer
to
The Secretary to Govt
Public Works Dept
Dated 23d January 1857
Rec'd 26th ditto
Entered
Submits for consideration
and for transmission to the
Govt of India, if approved,
the Budget of Public Works
proposed for execution in
the ensuing year 1857/58.

No 13.

Statement of Works proposed for execution in the year 1857/58 in the Central Division of the Northern Circle

No.	Name of Work	Estimated Cost	Remarks
1	Repairs of Roads	30,000	
2	Repairs of Bridges	20,000	
3	Repairs of Buildings	12,000	
4	Repairs of Dak Bungalows	3,000	
5	Repairs of Wells	1,000	
6	Repairs of Tanks	1,000	
7	Repairs of Ghats	1,000	
8	Repairs of Boundary Pillars	500	
9	Repairs of Milestones	500	
10	Repairs of Trees	500	
	Total Rupees	69,500	

Dated Camp 19th January 1857

(Signed) [illegible]
Offg Supt Engineer
NC

Statement of Works proposed for execution in the year 1857-58 in the Central Division of the Northern Circle

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9	Repairs of Milestones	500	
10	Repairs of Trees	500	
	Total Rupees	69,500	

Dated Camp 19th January 1857

(Signed) [illegible]
Offg Supt Engineer
NC

Statement of Works proposed for execution in the year 1857/

execution in the year 1857/58;
and with a later Mem.ⁿ
dated 4. February the
Officer late in charge of
the Central Office furnished
a List of Works sanctioned
in previous Budgets
as well as of those sanc-
tioned during the year
for entry in the Budget
of 1857/58, which he had
excluded from the present
Budget under the direc-
tion allowed him ~~to do~~
by the orders of the
3. Feb.ʸ 1857. No. 11.

2. The Government
of India having in their
orders of the 31.ˢᵗ March
1856 No. 1584, directed
that the Local Governments
should take an annual
review of the projects with
in their competency
to sanction, which may
have been brought for-
ward during the year,
the Right Honble the
Governor in Council pro-
ceeds to pass the follow-
ing orders and observa-
tions on the Budget
framed by the Chief
Engineer.

3 He communica-
ting the Orders of the
Government of India
just referred to, for the
information of the Chief
Engineer, the Government
intimated to that Officer
that the sanction already
granted

* P.W.C. 30. May 1856
No. 828.

granted to Works within its competency was to be regarded as only conditional, except in emergent cases, and that final sanction would be reserved for the annual review. The Chief Engineer was further requested, in sending up the Budget Statements, to state the Works in Budget No. 2 which he might consider either of the most or the least importance. Subsequently however, on the 8th January last, the Government saw occasion partially to modify these orders, upon reviewing the lists of Estimates that had

*Ehc. No 11.

had been submitted by the Chief Engineer on the 6th and 17th December last, which comprised 15 Estimates for new works to the aggregate amount of nearly thirty one lacs of Rupees. The Government confirmed the amount of the Estimates already sanctioned, or recommended to the Honorable Court of Directors for sanction, omitting the probable expenditure up to the end of the current Official year, at 81 lacs, to which the amount of 112 Estimates lately sanctioned up to that

that date for entry in the Budget of 1857/58 being added, ~~would be a total~~ resulted, of 91½ lacs, or, after allowing for works which could not be completed within the year, and for works in Military Divisions which it was believed would be transferred from the control of this Government, they calculated that the sum to be ~~available for~~ expended within the year 1857/58 on new works would be 75 lacs.

4. The Government observed that the Estimates recommended by the Chief

214

Chief Engineer, added to the amount above shewn, ~~to be available~~ would increase it to 106 lacs of Rupees, an amount far exceeding what would in all probability be sanctioned by the Govt. of India; they therefore resolved to make a selection of works to be entered in the Budget, and accordingly desired the Chief Engineer to select those of the most pressing importance from among those then proposed, as well as from those already sanctioned during

during the year, or remain-
-ing unexecuted from last
year. It was assumed
that the sanction of the
Govt of India would
not exceed fifty lacs of
Rupees for new works
of all kinds, and the
Chief Engineer was in-
-structed to limit his
recommendations to
~~for~~ for
~~proceed~~ expenditure
within the year to that
amount. It was intim-
-mated at the time,
that in sending up the
Budget the Govt would
inform the Govt of India
that Estimates to a much
larger amount were
before them, but that
they

Received

had restricted
their recommendations
to the amount above
stated.

5. The Chief
Engineer's attention
was directed to
five points in
making his selec-
-tion. The first,
to be selection worthy of
the greatest
practical

practical utility—

in proportion to

the expenditure—

required; and secondly,

the division to

~~to~~ direct the whole

expenditure justly

among the Districts

in general proportion

to their wants.

6. The Government

do not consider it necessary on

the present occasion to enter

into an elaborate review of the

works to be included in the

Budget of 1857/58, nor does there

appear to be much scope for

so doing, inasmuch as a

number of Projects entered in

the previous year's Budget—

which had not been finished or

commenced upon, in consequence

of the restrictive Orders of the

Government of India, remain

to be executed in the next Official

year.

7. The Government

will here briefly notice the

several orders which they have

issued in the course of the current

Official year for the suspension

of Public Works. Consequent—

on a letter from the Government

of India of the 3d May 1856 No 1775

the

the Chief Engineer was directed
on a Resolution of the 19th idem*, × No 7028
to stop all works which had
not been commenced before the
1st of that month; but the Govern-
ment removed this restriction
from time to time in favor of
such as were represented to be emergent.
Immediately afterwards
the Government of India* 6th May 1856 No 2048
relaxed the restriction, and
confined it only to works which
exceeded in Cost Rs 10,000; but
the order was not acted upon
pending an examination of
the financial position of this
Presidency. This having been
done, the Government, in an
order of the 12th September following,
permitted the prosecution of
a large number of works which
up to that time
had remained under suspension
— Lastly the Govern-
ment of India, while removing

17th October 1856 No 4877
former restrictions, limited the
expenditure upon Irrigation
Works and Communications
for the current Official year
to 20 lacs of Rupees. This arrange-
ment necessitated the stoppage
of many works which had
been commenced upon, and
also limited the expenditure
upon such as were in progress.
It happened the Government
~~will here advert to part of this~~
advisable to adopt
~~precautionary~~ measures
~~by which~~
~~which they had adopted~~ to
ensure a proper selection of
works for entry in the Budget
as well as due proportion of works
secure
for each of the several Districts of this
Presidency.
9 To ensure the first-
mentioned object the Govern-
ment in the order of 28th February
1856 No 2175 directed every Distric
Engineer

Engineer, after the submission
of the Budget, to determine
in communication with the
Collector, what important Projects he
should investigate and bring
forward for entry in the next
Budget. Lists of such works
were to be prepared and forwarded
to Government through
the Chief Engineer, and were to
be acted upon only after having
received the approval of Govern-
ment. These lists were
accordingly furnished from
several Districts, and many
of the Projects brought forward
in them, after due consider-
ation, were approved of: but,
excepting in a few instances,
they have not been again brought forward
~~a second time before Government~~
detailed
with Estimates and Plans.
The Government have not
thought it expedient to press
the matter further, as the large
number of works from the last
Budget which remained for
execution will fully occupy
the District Engineer's attention
in the next official year.

No. 696

10. For the second
object: Viz. securing a due proportion of
works for each of the several Districts,
the Government, in an order of
the 18th October 1855, directed the
Chief Engineer, to submit
Estimates once a month for
their orders, except
of forwarding each separately.
On receipt of these Estimates
the Government, on a consider-
ation of the merits of the Projects
brought forward, and with reference
to the wants and circumstances
of each of the Districts, and the amounts
already authorized, granted sanction
in the course of the year to

to such as were approved ~~unobjectionable~~,
and rejected those which appeared
to have either been imperfectly considered
or which to be such as might, without
inconvenience, be post-poned
to a future Year. The sanctions
granted were however confined
within very narrow limits, as
a large number of Projects ~~could~~
under the operation of the restrictive orders of the Govt. of India
remodelled to be executed in the
next Official Year, as already
explained, ~~and~~ the
~~The~~ measures ~~have~~ this
previously ~~been~~ adopted by
~~the Government, these appear~~
to leave ~~be~~ little room for any
lengthened review on the present
occasion, ~~as I had wished~~

11— Of the one hundred and
fifty seven Estimates which
had been returned to the Chief
Engineer for selection, that
Officer entered in his Budget
one hundred and twenty four;
and

3d. Jany 1857 No 11.

on looking into these Projects
to ascertain their general character
we, the Government found
amongst them a few which it
would be very inconvenient
to postpone. These ~~have~~
after careful consideration
accordingly been sanctioned in
an order of the 4th Instant, and
~~the Government direct that they~~
have been entered in the Budget; the
remainder being reserved for
future consideration. It may
here be observed that if the sanction
had been extended to the wants
of each District in reference
to its area population and
revenue, the amount to be proposed
for the next year would be larger
than what is intended. Some
Districts stand first in point
of area, some in point of popu-
lation and others in respect
to revenue; but if these three
points

× No. 4 14
have

points are taken together the Districts will stand in the order given below.

1 — Madura
2 — Cuddapah
3 — Coimbatore
4 — Bellary
5 — Tinnevelly
6 — Tanjore
7 — North Arcot
8 — Canara
9 — Malabar
10 — Salem
11 — South Arcot
12 — Nellore
13 — Rajahmundry
14 — Vizagapatam
15 — Ganjam
16 — Guntoor
17 — Masulipatam
18 — Trichinopoly
19 — Chingleput
20 — Madras
21 — Kurnool

12. It has been already said that an expenditure of 50 Lacs would be as much as in all probability the Govt of India would authorize for the ensuing year, and as within these limits provision will have to be made

In their order of 3d January last the Government assumed a sum of Rupees 50 Lacs as likely to be sanctioned for the next Official year. The whole of this sum cannot however be entered in the Budget as it will be necessary to provide funds for emergent works and supplemental Estimates that may be sanctioned for immediate execution in the next Official year; it follows that the whole amount cannot find a place in the Budget. The Government in order to proceed to realize the object aimed at in the Chief Engr's Report will now direct the Statements

Statement No. 1.

Of new Projects exceeding in cost Rupees 25,000 each case.

13. In this Statement the Chief Engineer enters forty eight Projects

Projects estimated at Rupees 44,46,713 and has proposes an expenditure of Rupees 9,03,040 in the next Official year, the Government have however reduced the number of the former to twenty four, estimated at Rupees 24,92,343, and the expenditure to Rupees 4,90,050 by various omissions and additions the principal of which is particularized below.

The

35 11

The Works comprised in the Chief Engineers Statement are

1st Those entered in Statement N.T. of the Budget for 1856/57 for which sanction had not yet been accorded.

2nd Those approved by the Govt in the course of the current Official year for entry in the present Statement.

3rd Those submitted by the Chief Engineer for sanction, and on which no orders had at the time been passed by Government.

The

114 The undermen-
-tioned three Projects
appertaining to the
first Coast Line
been omitted for the
present from the in-
-Statement with
reference to the observa-
-tions made by
the Government
of India in respect
to those works in
Paras 18 and 30 of their
Letter of the 11th July 1856
No 3173. and the first accordingly approve of their
rejection in the present Budget.

Page of Statement of the Budget for 1856/57		Work	Amount of Estimate
24	1	Completing the Cuddapah and Bellary frontier road, in the Cuddapah Dist.	7,710
26.	2	Earthwork and Minor Bridges of the portion of the Bellary and Cuddapah road from Royacherrood to Gooty in the Bellary Dist.	31,100
29/1	3	Increased width of metalling on Trunk Roads 1 portion in the Chingleput District	41,257
29/2.	3	do do do portion in the North Arcot District	14,439 55,690

15. Three projects as detailed below appertaining to the second head and excluded by the Chief Engineer from his Statement under the discretion allowed him by Government as not being of immediate urgency will be brought forward for entry in the Budget of 1858/59.

	Gunlaor	Amount of Estimate Rs.
1.	Converting a Bandy track from Gunlaor to the Cuddapah frontier into a second Class road. Cuddapah	56,450
2.	Constructing a second Class road from Royachoty to Pangaloor. South Arcot.	48,100
3	Constructing a Bridge of Twenty two Arches across the Pualla laur on Trunk road 31180 No 8	
	do a bridge of six arches on do 11490	42,640

16. Under the third head thirty five Estimates were entered, of which two ~~only have been~~ sanctioned in Extract Minutes Consultation of the 4th Instant No. 1111, ~~and~~ will be related in the Budget, four others have been postponed ~~or declined~~ for the reasons given below ~~and~~ will be struck out, together with ~~in addition to~~ those from the select list reserved for future consideration.

Date of Chief Engineer's Report or letter.	Work.	Amount of Estimate Rs	Remarks.
	Rajahmundry		
1. 6th Dec. 1856 No. 8662.	Constructing various Buildings for the Workshops at Dowlaishwaram	1,06,500	Postponed until the arrival of Captn Hutchinson. Chief Engr Con. 13th Feby 1857 No. 304
	Salem.		
2. 11th Dec. 1856 No. 8773.	Bridging Trunk Road No. 5 in this District	69,320	Chief Engr Con. 26th Jan. 1857 No. 194 thus "Govt called for a revised Estimate for a road of an inferior description adapted to the Coal traffic the line being parallel to the Railway
	Malabar.		
3. 3rd Dec. 56 No. 8589.	Opening a new Ghaut at Tamberchery	36,000	Estimate considered imperfect and a revised one ordered to be submitted for the Budget of 1858/59 Govt. Con. 10th Feby 1857 No. 74
	East Coast Canal.		
4. 22nd Dec. 56 No. 9081.	Proposed Canal through Madras to connecting Ochanad Canal with that to the South from the Adyar River	29,2400	Referred for the opinion of Col. Kot. Cotton Chief Engr Con. 21. Jany 1857 No. 147.

17. Two projects recently sanctioned will likewise be entered in this Statement in the Government Office Vizt the Jail at Salem and the Post Office at Bradrach

The

The former was entered by the Chief Engineer in State-ment No. 2 from the Esti-mate being under 25,000 Rs, but as the Estimate has since been reported to be Rs. 36,000 and not 23000, the work will be transferred to No. 1. The second work ought properly to have found a place in the Statement No. 1 submitted by the Chief Engineer, as the Estimate for it was submitted to Govt with that Officer's Report dated 1st September 1856 Rs. 62,85 18. Nos. 6 and 17 of the present Statement being important Projects, the sums proposed for ex-penditure in 1857/58 will be increased to the full amount of their Estimates in view to the Works being brought to comple-tion by the end of the

Road from Ibrahimpatam to the Nizams frontier Rs. 44170. Constructing a regulating Dam across the Cabery & Varrasholen River at the Head of the latter river — 40,000

Official

Official year

29 [illegible] In Cy. Minr. Con. of the 29th September 1856 No. 1758 the Chief Engineer was required to forward a General Report on the several points on which in-formation was required by the Govt. of India in their letter of the 11th July 1856, in respect to some of the Projects entered in Statement No. 1. of the Budget for 1856/57. The Governor in Council now resolves to direct the Chief Engineer's attention to this order, and to request that he will allow no further delay to take place in laying the required Report before Govt. Such of the points as have

have already been replied to and disposed of should be noticed in the report with the dates of the Correspondence which has taken place.- x

x The Projects above noticed will however remain in the present Budget, and the Govt of India will be informed that the explanation required in respect of them will be submitted as soon as furnished by the Chief Engr.

20- This Statement as submitted by the Chief-Engineer contains Five hundred and eight works, and the sum proposed to be spent upon them in the next Official year is entered at Rupees 1,09,70,070; but in perusing the Statement the Govt. have reduced the number of Projects to four hundred and fifty eight and the proposed outlay to Rupees 37,46,292

Statement No 2 containing New Works other than those included in Statement No 1.-

The works entered by the Chief Engineer in the Statement consist of

1st Those entered in Statement No 1. of the Budget for 1856/57 and for which sanction has been granted, as well as those entered in Statement No 2 of the same and preceding Budgets, and which have not either been undertaken or having been commenced with, have not as yet been brought to completion.-

2nd Those sanctioned by Govt: in the course of

of the current Official year.

3rd Those submitted by the Chief Engineer for sanction and on which orders had not at the time been passed by Govern= =ment.

21 The undermen= =tioned items Works appertaining to the first head have been omitted by the Chief Engineer; six, under the discretion allowed him in Ex: Mun: Con: of the 3rd January 1857. and One, Viz. the

× C. No. C. 25 Nov.r 1856 No 2203.

Hospital at Bellary probably because the it was recently × building ordered to be postponed. But the building should be proceeded. The work will now be inserted in the Estimate ment in order that they may not be lost sight of in future years, but no entry will be made in the co= =lumn of proposed ex= =penditure in the next Official year. Six of these works as it is observed have not as yet been com= =menced upon, and on one the outlay has been very inconsiderable.

Date of & No. in the Budget of sanction	Work.	Amount of Estimate	Amount already expended.
1 8 March 42 of 1856. No 2.	Erecting Talook Cutcherries at Narsapore, Amalapore and Cota	Rajahmundry	

Date of sanction	No in the Budget 1856/57.	Works.	Amount of Estimate Rs	Amount already expended Rs
		Cola Ramachendrapooram —	11,000	
		Nellore.		
2 14. Dec. 85 of 1854.	No. 2.	Improving Water Communication between Nellapatam and Gondoor. —	14,000	
		Bellary.		
3 11. July 27 of 1856.	No 1.	Constructing new Hospital for the European Infantry Regiment —	19,980	
		Do Buildings in connection with the above —	2400	82,330
		North Arcot.		
4 24. Feby 17 of 1855.	Ch. 2.	Road from Goriattum to Pullicondah —	13,188	
5 24. do 12 of	No 2.	Five Bridges on the Chittoor and Kirkumbaudy Road —	21,426	250
6. 11. July 33 of 1856.	No. 1.	Constructing second class road No 5 from the Cheyaur river at Trivatore to the Palaur Amaicut —	38,600	
		Madras.		
7 11. do 02 of	No. 1.	Rebuilding the Civil Audit Office in the Fort —	37,350	

12

7

22. Of the works sanctioned by Government in the course of the current official year, the Chief Engineer has omitted the two following under the discretion allowed him by Government.

Guntoor

Enlarging three locks in the Nizampatam channel viz at Doogerallee Pedderawoor and Nizampatam, for adding to each a bridge and making the bridges over the Culinguladee suited for wheel carriages as well as for foot passengers — 20,040.

North Arcot.

completing the road from Arnee through Poloor to the bank of the District towards Trinomallay — 16,666.

The first of the above works

works will be at once entered in the Budget of 1858/59 in order that it may not be lost sight of. As regards the second, it is observed from a recent letter from the officer late in charge of the Central Office, that the Estimate is to be superseded by one for Rupees 95,200 forwarded with the Chief Engineer's Report N, dated 1st October 1856 No. 6979; Orders will therefore be passed separately upon this Estimate.

14th February 1857 No. 10301.

23 The undermentioned works recently sanctioned will be entered in the Statement in the Government Office.

Date

Date of Sanction	No. in the present Budget No. 2	Works.	Amount of Estimate Rs
		Ganjam	
1 17th Feby 1857 No. 311	4	Constructing a Calingula with five under Sluices to the Dundagedda Channel	1390
2 27th Do Do No. 380	15	Completing across some paddy flats the worst portions of Trunk Road No. 6. between Pyree and Nursinpettah 5¼ Miles	5400
		Vizagapatam	
3 31st Augt No. 434	31	Constructing a Cookroom and Privy to the Chintapelly Light House	220
4 4th March No. 429	32	For improvements to the Barrack accommodation at Vizagapatam	2470
		Rajahmundry	
5 20th Augt No. 438.	60	Additions and alterations to the Hospital No. 5 at Samulcottah	460
		Guntoor	
6 21st Augt No. 446.	92	Channels from Coomapoody to Doogoorolla on either side of the Main feeder	2470
7 Do Do	94	Do Do from Doogoorolla towards Seddarowoor	7400
8 Do Do	95	Do Do from Seddarowoor towards Vizianagaram	7400
9 Do Do	96	Do Do from Doogoorolla to Jeevanee	1160.

Bellary

Date of Sanction	No. in the present Budget No. 2	Work	Amount of Estimate Rs
		Bellary	
10 10th Feby/57 No. 289	180	Constructing a Talook Cutchery at Hoovinhudgully	4220
11 21st Do No. 350	181	Additional Sum for Constructing aqueducts for Conveying water from the new Bowry to the Several wash houses attached to the new European Barracks	1940
		Kurnool	
12 4th March No. 416	187	Revised Estimate for the Sindree Bridge — 49,444. Amount Sanctioned by Govt of India on 1st June 1855. — 30,744	18,700
		Salem	
13 21st Feby No. 152	384	Repairing the road from Salem to the borders of the District towards Erichmoply	10,000
		Malabar	
14 24th No. 180	429	Erecting a Master Attendants Office and Store rooms at Cochin	880.

Date of Sanction	No. in the present Budget No. 2	Work	Amount of Estimate
		Madras	
15 1st March/57 No. 415	442	Constructing Constables Quarters and Talliar Naigues Tannah at the Arrack Godown — street. John Pereiras.	3080.
16 Do Do	443	Constructing Jamadars Tannah at the Triangular piece of ground opposite the present Tannah in Mundavelly street	980
17 Do Do	444	Constructing constables Quarters and Peons Tannah at Pophams Broadway	2830.
18 Do Do	445	Constructing Duffadars Tannah at the junction of Cultivation and Cochrane Basin Roads near Shinnamoattien Choultry	530
19 Do Do	446	Constructing Talliar Naigues Tannah at Cows moideenpettah Road opposite the present Tannah	530
20 Do Do	447	Constructing Duffadars Tannah near the new Bridge in Conal Easwarer Pettah	530.
21 Do Do	448	Constructing Constables Quarters at the junction of Sawmy Naick and Arroonachella Naick Road. Chintadrepettah	3220
22 Do Do	449	Constructing Talliar Naigues Tannah at Mount Road near Pattalos Road. Podoopankum	530
23 Do Do	450	Constructing Talliar Naigues Tannah at Mowbrays Road, Mylapore opposite Sullivans Garden	570
24 Do Do	451	Constructing Talliar Naigues Tannah at Brodies road, Mylapore near a Pillier Covil.	550
25 Do Do	452	Altering and improving the Jamadars Tannah at Cutchery Road Saint Thome	440.
		East Coast Canal	
26 13th Feby/57 No. 303	458	Constructing Office and Store Yards and Quarters for the establishment employed at the Shadiencoopum Lock.	2380

The

24. The undermentioned works, sanctioned in Extract Minutes of Consultation of the 13th November 1856 N° 2121, being each a separate work, will be transferred from N° 1 to this Statement.

Noting the Budget No 2.	Work	Amount of Estimate
	Constructing five Bridges on roads crossed by the Kistnah Channels	Rs.
103.	One Bridge of 60 feet across high level Channel for Guntoor and Coast road	7,100.
104.	One Do of 40 feet at Chubrole for same road	7,500.
105	One Do of Do near Sundak for the same road and the Coast road	7,500.
106.	One Do of Do near Vellatoor for the Coast road	7,500.
107	One Do of Do across Inopedavy Channel for the Entole and Masulipatam road	7,500

25. These works sanctioned on emergency in the Months of December 1856, and January 1857 and subsequently ordered, ~~to be~~ included in the Budget will likewise be entered with the full amount of the Estimate for each work, as the proposed expenditure in 1857/58, excepting in the cases

E. to C. 15th February 1857 N° 329

Some Retrenchment under Bar for embanking the Kistnah estimated at Rs 55600, Rough estimate but sufficient for Govt's consideration & sanction, will be entered in Statement No 2, as it has been already communicated. Of the circumstance N° No 2 will be noticed to the Govt of India in the Budget report.

cases of the Nellore and Injilly Bridges in the Ganjam District; for the former Rupees 1,600 and for the latter Rupees 1,100 out of their respective estimates of Rupees 16,600, and 8,100 have been entered by the Chief Engineer as the proposed expenditures in the next Official Year.

26. Of the several Estimates entered by the Chief Engineer as having been forwarded for sanction, those appertaining to this Statement and sanctioned in Extract Minutes of Consultation of the 4th instant N° 414 will either be retained ~~entirely~~ and the undermentioned eleven will be struck out for the reasons given opposite to each; ~~together with the additions to~~ those from the Select list which have to lie over for future consideration.

	Works	Amount of Estimate Rs	Remarks
	Masulipatam		
	For erecting a small Cupola at the Work shop at Bezwarah——— Cuddapah	2,000	Sanction declined as the Boulaid Weaving Work Shop was to be improved. Co. Mr. Lo 18th Feb, 1857 No. 305
2	Constructing a guard room for the Jail at Cuddapah———	880	Sanction declined Co. Mr. Lo No. 606 d. 3d March 1857.
3	Erecting Travellers Bungalow at Peelair——— Chingleput	2,000	No Estimate having been as yet submitted, this item has been rejected.
4	For constructing three Tannah Chawadies at Chingleput at 330 Rupees each	990	Postponed for the Budget of 1858/59. An order to this effect will hereafter be issued.
5	Do, Do, in Sydapet Taluk at Do. Do. Tanjore	990	Do.
6	Altering and addeing to the school houses at Combaconum——— Coimbatore	3,670	Ordered to be charged against the Surplus Educational Funds. Co. Mr. Lo 14th June 1856 No. 961.
7	Macadamizing the road from Cotacamund to Head of Seegoor Ghaut———	5,750	Cancelled by Co. Mr. Lo 30th January 1857 No. 282.
8	New line of road from Seegoor to Toppacaudoo———	18,000	Detailed Survey and Estimate called for Co. Mr. Lo 30th January 1857 No. 298.
	Salem		
9	Constructing a new jail at Salem	28,000	Entered in Statement No. 1, the estimated Amount having since been reported to be Rs 36000 Co. Mr. Lo 6th February 1857 No. 287.
	Malabar		
10	Improving the road above and below the Pamberchery Ghaut from Sultans Battery to Calicut 63 miles———	12,000	Estimate considered imperfect and a Revised one ordered to be submitted for next Budget. Co. Mr. Lo 10th February 1857 No. 294.
	Madras		
11	Making certain improvements and additions to the Penitentiary Buildings———	"	This not having been sanctioned on Estimate has been omitted.

27 As regards the Penitentiary Buildings which form the last item in the above list, the Government observe from the entries in the Chief Engineers Statement that a sum of Rupees 36,409 has been set down as the probable expenditure upon the work to the close of the current official year, besides a further sum of Rupees 15000 for expenditure in 1857/58, thus making a total outlay of Rupees 51,409, a sum far beyond that which it is competent for this Government to sanction. In a resolution in the Judicial department dated 10th March 1856 No. 233 the Government approved of various arrangements and alterations recommended by the Chief Magistrate in the Penitentiary Buildings at

Ex: Minr: Cons: 12th March 1856 No. 397. P.M.

as also several additions ~~on~~ to the building ~~within the next Penitentiary~~, and directed the Chief Engineer ~~to take~~ in Communication with the Chief Magistrate, to take the requisite measures for carrying them out. The Government did not at the time contemplate that the proposed improvements would entail so large an expenditure as that now entered ~~report~~ on in the Statement, and ~~somewhat disappointed~~ they are ~~somewhat disappointed~~ that the Chief Engineer ~~has never~~ ~~had sent~~ prepared them for it, more especially as by the orders of the ~~20th August last~~ 4th Sept. last No. 1605 he was specially required to prepare and forward at an early date an Estimate of the probable cost ~~shown referred~~ to of the improvements above referred to as well as of those authorized in an order in the Genl. Dept. of the 27 August preceding. ~~It~~ The Govt. accordingly look to Major G.G. Agnew Chief Engineer for the early fulfilment of these orders, ~~it was clearly his duty~~ ~~immediately on the receipt of the orders of Government to have prepared and~~ ~~submitted~~ an Estimates of the probable cost of the improvements. Colonel Fraser will ascertain by personal inspection of the Penitentiary Buildings whether the improvements under reference are strictly those which have been approved and authorized by Government, and report the result, forwarding at the same time plans showing the different ~~items~~ of work in progress, with an Estimate of their cost, in order that the same may be reported to the Government of India separately from the Budget, and their authority obtained for the entire expenditure.

29. The Canal from Sammundtah to Cocanada

Genl. Dept. Public Works Branch
Genl. Dept. - 2 Comms. Aug.
Govt. to Engr. in Chief
Govt. have been pleased
to direct that
Engr. in Chief
Govt. Engr. in Chief

exercised by the Officer under whom are placed the necessary to 30,000 Rs. less than the preceding at the Presidency, without any certificate having been received & examined in his office. No estimate of works ~~submitted~~ as proposed by the Committee ~~should~~ would be a matter of fact be a bill, and the Govt. cannot but fear that ~~the~~ such large proportions of the Staff of Engineers in Rajahmundry ~~should~~ can be necessary, ~~to~~ be required as they have been by the Chief Engr. ~~to~~ might be ~~office~~ room for many considerable Govt. Refer back that ~~to~~ ~~not~~ ~~be considered~~ Penitentiary ~~buildings~~ ~~should~~ be ~~called~~, they ~~should~~ be in Person & Colonel Fraser ~~should~~ ~~be~~ ~~called~~ upon ~~to~~ ~~report~~ ~~upon~~ ~~the~~ ~~whole~~ ~~proposed~~ ~~plan~~ ~~with~~ ~~the~~ ~~view~~ ~~to~~ ~~the~~ ~~Govt.~~ ~~will~~ ~~consider~~ ~~to~~ ~~the~~ ~~Govt.~~ ~~of~~ ~~the~~ ~~Presidency~~

is entered as Item No. 51 in Statement No. 2 at an estimated amount of Rupees 117,339, with an actual expenditure of Rupees 54,043 to the close of November 1856. The sanction of the Honorable Court of Directors to the work having been communicated to the Chief Engineer only on the 12th November last, the Government cannot understand how so large an expenditure could have been incurred in so short a time, unless by supposing that the work had been commenced upon and proceeded with long prior to the receipt of sanction. The Chief Engineer will call upon the District Engineer for explanation of the circumstances under which a proceeding apparently so irregular has been adopted.

No. 2109

The

Statement No. 3.

30. The amount entered in this Statement for repairs to Irrigation Works and Buildings is based on an average of three years expenditure; and that for Communications purports to comprise chiefly existing grants, those sanctioned anew in the course of the current official year, and those for which application had been made to Government.

31. The following items recently sanctioned will be added to this Statement in the Government offices. In all these cases, excepting the three last, the applications for the grants were made on dates previous to that of the Budget, and these items should therefore have been inserted in it.

in the Ch. Engr's Office

Date

Date of Sanction	Work.	Amount Rs
	Ganjam.	
1857. 2d February No 238.	Annual repairs to 39½ miles of Trunk road No 6 from Chicacole to Sunthoshapooram at the rate of 60 Rs per mile	2370
	Madulipatam.	
2d Do No 245	Annual repairs to 33 miles of road from Ibrahimpatam to the Hyderabad frontier	1950
	North Arcot.	
26th Do No 366	Annual repairs to twelve miles of embanked road between Arnee and Calispandy	600
	Malabar.	
5th Do No 265	Annual repairs to that portion of the Madura and Palghaut road lying within this District	750
	Madras.	
18th Do No 326.	Irrigation Works	1464
	Repairs to Salt platformes	462
	Do to Mint Buildings	941

An order sanctioning this item will hereafter be issued.

(6)

32. The annual allowance of Rupees 2,600 sanctioned in Extract Minute Consy of the 26th February 1856 No 238 for the repair of the road from Venkatarainagypett through the Rayapoor Ghaut to Goodoor in the Cuddapah District omitted in the Chief Engineer's Statement will likewise be entered in it.

33. The following further additions are to be made in the Statement in the Government Office.

Rs 1,500 the Discretionary allowance for Vizagapatam to be hereby augmented to Rs

Rs. 5,000 as sanctioned in Exc: Mins: Cons: of the 9th March 1857 No. 438 para 5th

Rs. 1913 to be added to the sum of Rs. 45,522 entered by the Chief Engineer for road repairs in the Coimbatore District, the same having been included in the amount sanctioned in Extract Mins: Cons: of the 29th January 1857 No. 227.

Rs. 4,000 for repairs to Buildings in the Canara District to be augmented by Rs. 300 as sanctioned in Extract Minutes Consultation of the 3d February 1857 No. 250.

63

34 The undermentioned Estimates for annual grants were entered in the Chief Engineer's Statement as having been forwarded for Sanction on the 6th and 17th December 1856; but they were returned to that Officer, with others, with Extract Minutes Consultation of the 3d January 1857 No. 11. and have not since been retransmitted. The Estimates though not before Government will nevertheless be retained in the Statement, as it is essential that all finished roads should be maintained in repair. The Chief Engineer will forward the Estimates in question for formal Sanction.

Date

Date & Letter of Chief Engineer's Report.

	Work.	Amount. Rs
	Cuddapah.	
	Annual repairs to Trunk Road No 11 from Nellore to Cuddapah exclusive of the Goolcherroo Ghaut.	10,500
	Do to Goolcherroo Ghaut	800
	Do to road from Kistnama chelly putty to the borders of the Nellore District being part of the Cumbum and Gugole road	3,200
6th December 1856 No 8662. TTTTT.	Do to road from Jewzerpully including the Nundy Canama Ghaut	2,200
	Do to road from Venkataramanapatto to the borders of the Nellore District	2000
	Do to road from Cuddapah to the Bellary frontier	5100
	Do to road from Cantonment to the Boundary of the Cuddapah and Nellore Districts	5,263
	Chingleput.	
Do S. S.	Do Annual Repairs to road from Saint Thomas' Mount to Sydapett.	4,760
17th Do No 8932 K	Do to road from Morraulong Bridge thro Vala=chary & Pulliearny to the Southern Trunk road.	1,950.
	Trichinopoly.	
6th Do No 8662. RRRR	Annual repairs to Trunk road No 8 from the Vellaur river to Trichinopoly Rs 12,443 was entered in the Chief Engr's letter but the correction from the entry in the Monthly list appeared to be	12,000

35 of the undermentioned items the 2d & 5th will be reduced in amount, & the rest struck out from the Statement for the reasons stated opposite to each.

No.	Work	Amount Rs	Remarks
	Masulipatam		
1	Annual repairs to roads and Pallh Ghauts leading to the ferries in and about the Village of Bezwarrah.	750	Authorized from the Collectorate at the Bezwarah ferry Con. 6th April 1856 No 486
	Nellore		
2	Annual repairs to road from the Doneral pass to Kistnapatam	6,440	Of this sum Rs 5,600 the amount authorized for the road has been drawn. The remainder Rs 840 being for the Salaries of an Overseer and Goomastah has been disallowed under the Nos of the Authority which was to last until the new Establishment for the P. W. Dept. shall have been sanctioned Con. 25th Feb. 1856 No 725.
3	Repairs to road from Nellore to Pollore.	650	Sanctioned for the repair of the road if was not intended as an annual grant Con. 3d Sept. 1856 No 1576.
	Chingleput		
4	Annual repairs for Cantonment road at Palaveram	192	Proposed to be disbursed out of "Local resources fund" See Statement annexed to Chief Engineer's letter of 16th December 1856 No 1990 for the order of Government dated 29th January 1857 No 153.
	Trichinopoly		
5	Discretionary allowance	800	It does not appear that Rs 550 the sanctioned allowance for Trichinopoly was raised by the order of 22d Dec 1856/53 quoted in this Statement for Rs 800; the former item therefore should be only Rs 250
	Madura		
6	Repairs to road from Samianellore to Annaganaickanoor on the road to Dindegul	1,493	Sanctioned for gravelling the road if was not intended as an annual grant Con. 10th July 1856 No 993.
	Tinnevelly		
7	Repairs to a portion of road No 11 in the Bramadasam Taluk	1,700	Sanctioned for improving the road and was entered in the Budget of 1857/58 agreeably to order Con. 16th December 1856 No 2318.

No.	Work	Amount Rs	Remarks
	Canara		
8	Monsoon repairs to Roads and Ghauts generally in the District		An application for a similar 5,000 grant, ~~but~~ for Rs 2850 was ordered to be met out of the Discretionary allowance of Rs 20,000 ~~allowed for the District~~. E.M. & P. 3d February 1857 No. 260.
36.	In the review of the Budget for 1856/57 the Chief Engineer's attention was drawn to the large amount set down for the repair of Irrigation works in some districts, and he was requested to report on the subject, at the latest before the time of submitting the present Budget. The ~~Chief~~ Colonel Cotton ~~Officiating~~ states in para 8 of his letter of the 23d January that the correspondence relating to this question is still incomplete in his Office; the reply from the District Engineer		E.M. & P. 25th April 1856 No. 565 paras 14 and 15.

of North Arcot to his circular of the 3d May 1856 having been received by him only on the 20th of January and that from the Civil Engineer Trichinopoly Division being still due. This delay in the reply, from North Arcot to date a date is unsatisfactory and the

the Government
now desire is
that Captain
Orr be requi-
=red to sub=
=mit his re=
=port forth=
=with, and ex=
to explain the
cause of delay
in a matter
attended ap=
=parently with
little or no
difficulty.

Budget-Estimate adopted for 1857/58.

37

Having noticed the Chief points calling for observation in the Chief Engineer's Budget-statements and the several additions and alterations to be made in them in the Government-Offices, the Government will now table a review of the Budget-as finally adopted.

1 The projects included in No 1 and requiring the sanction of the Government of India number in all twenty-four, of which eleven have been brought forward from the preceding Budget, and 13 thirteen have been proposed anew. As full descriptions of these Projects will be given in the Budget report upon the Budget to be made to the Supreme Government it does not seem necessary to enter into any particulars in this place, or to make any other notice or observation than that each project has been only determined upon after mature consideration of its necessity with reference to the wants of

Mr. Lieut. Col. Fraser, Chief Engr. Kattiawar, called for the Estimate for Kattiawar, & he says he has not received it, because he cannot get it from Mr. Capt. Reid, Chief Engr. Kattiawar, who has not received it from the Govt. of Bombay.

of the Revenue Districts and the means of accomplishment.

38 Statement No 2 Statement No 2

contains in all four hundred and fifty eight projects. Of this number those brought forward from preceding Budgets, either having been finished, or not having been commenced upon, are two hundred and thirty three, of the estimated cost of three is Rs 101,29,967, from which being deducted Rs 55,14,010 (the sum computed but it is will have to be spent by the end of the current Official Year) there remains Rs 46,15,957, of which Rs 28,30,829 it is proposed shall be spent in 1867/68. The remaining work Rs in this Statement are comprised of seventeen sanctioned on emergency, but which are not likely to be completed by the end of 30th April next, and two hundred and eight ultimately sanctioned by Government anew for entry in the Budget. Deducting from this last mentioned number twelve work Rs included in it which were at first sanctioned on emergency but afterwards ordered for entry in the Budget with reference to the views expressed by the Government of India in their letters of the 19th December 1866 and 29th January last, the number of work Rs newly sanctioned by Government is reduced to one hundred and ninety six. Of this number there are only twenty three of any importance. The estimated cost of each of these works is below exceeds 10,000 Rs each and they are confined to the Districts noted below, and are for the most part for opening and completing communications heretofore in progress. The irrigation works are confined to two Districts Masulipatam & Guntoor, and they are detailed below.

E. Mr. 6 18th February 1867 No 329

* The irrigation works are confined to two Districts Masulipatam & Guntoor, and they are detailed below.

Masulipatam.	Rs
1. Sloping down the banks of the Main channel for the 1st four miles from the Northern flank of the Runicut-	20,240
2. Excavating an Irrigation channel from Nedlavole Madoogoo as far as the old Boopeah Channel-	24,000
3. A drainage channel on the western side of the Venkiah channel and Vergairoo	19,510
4. Fifty miles of small Irrigating channels of the average size with sluices, at 330 Rs per mile	16,500
5. Irrigating channel from Venketapaud to Mootoor	23,200
Guntoor.	
1. Sloping down the banks of the Main channel for the 1st four miles from the southern flank of the Runicut	22,870
2. Sixty miles of small Irrigating channels of the average size with sluices at 330 Rs per mile	19,800

	Irrigation works	Communications	Rs	Total
1 Ganjam	"	2	"	2
2 Rajahmundry	"	1	"	1
3 Masulipatam	5	2	"	7
4 Guntoor	2	"	"	2
5 Kurnool	"	1	"	1
6 Chengleput	"	3	"	3
7 North Arcot	"	1	"	1
8 South Arcot	"	2	"	2
9 Tanjore	"	2	"	2
10 Canara	"	1	"	1
11 East Coast Canals	"	"	1	1
Total	7	15	1	23

39 The work Rs in Statement No 2 like those in No 1 have been considered with one regard to the requirements of each District, the probable expenditure under all heads with the

the means at the disposal of the local Officers, and ~~within~~ to the ~~probable~~ limit of expenditure that may be assigned ~~fixed upon~~ by the Government of India for this Presidency for the ensuing year.

40 The subjoined table will exhibit at one view the proposed expenditure on new works in Statement No 1 the several Classes of works entered in Statement No 2 with the expenditure required for each and the total outlay proposed in both Statements.

		Proposed expenditure for 1857/58 in Budget No 1	Proposed expenditure in Budget No 2 On Works brought forward from preceding Budget.		On works sanctioned on emergency		On works newly sanctioned		Total		Total proposed expenditure for new works in Budget Nos 1 and 2
		Amount	No	Amount	No	Amount	No	Amount	No	Amount	Amount
1	Ganjam	53,000	9	36,740	5	3,830	11	66,884	25	107,454	162,454
2	Vizagapatam	35,000	1	20,000	"	"	6	15,829	7	45,829	80,829
3	Rajahmundry	"	18	2,84,299	1	500	10	37,990	29	3,22,789	3,22,789
4	Masulipatam	44,170	10	2,55,177	"	"	15	1,77,750	25	4,32,927	4,77,097
5	Guntoor	20,000	10	2,40,446	"	"	13	71,340	23	3,11,786	3,31,786
6	Nellore	"	17	1,51,496	1	800	9	26,650	27	1,78,946	1,78,946
7	Cuddapah	55,000	2	84,720	1	10,300	21	38,750	24	83,770	1,38,770
8	Bellary	"	11	99,105	"	"	10	24,963	21	1,24,088	1,24,088
9	Kurnool	"	6	37,274	"	"	7	26,340	13	63,614	63,614
10	Chingleput	20,000	6	96,000	"	"	7	56,684	12	1,52,684	1,72,684
11	North Arcot	63,000	24	2,25,055	2	1,100	12	35,570	38	2,61,725	3,24,725
12	South Arcot	55,000	18	1,38,417	"	"	9	40,605	27	1,79,022	2,34,022
13	Tanjore	61,880	20	58,309	"	"	9	37,457	29	95,766	1,57,646
14	Trichinopoly	"	4	82,894	"	"	9	30,300	13	1,13,194	1,13,194
15	Madura	"	14	80,648	1	4764	"	"	15	85,412	85,412
16	Tinnevelly	58,000	14	63,441	1	160	7	18,093	22	81,694	1,39,694
17	Coimbatore	"	11	5,09,168	3	3,000	10	29,390	24	5,41,548	5,41,548
18	Salem	23,000	2	27,861	"	"	14	49,250	16	77,111	1,00,111
19	Canara	"	10	1,22,788	"	"	3	17,910	15	1,20,698	1,20,698
20	Malabar	"	19	1,01,780	1	8000	4	5,627	24	1,16,407	1,15,407
21	Madras	"	6	24,263	1	3,932	19	37,722	23	65,917	65,917
22	East Coast Canal	"	3	1,50,981	"	"	3	33,980	6	184,911	184,911
	Total	4,90,050	223	28,30,822	17	36,386	208	8,79,084	458	2,46,292	4,2,36,342

Statement No 3.

41. The expenditure proposed in Statement No 3 for repairs is Rupees 2183442 which added to that proposed for new Works in Statements No 1 and 2 viz Rupees 4236342 makes a total proposed outlay for 1857/58 of Rupees 6419784. as shewn below

	Irrigation Works Rs	Communications Rs	Buildings Rs	Total Rs
Statement No 1	165.000	302.050	23.000	490.050
Statement No 2	1082.226	1999.388	664.678	3746.292
Total	1247.226	2301.438	687.678	4236.342
Repairs	1277.316	718.958	187.168	2183.442
Grand Total	2524.542	3020.396	874.846	6419.784

42. On the 2d instant a letter was received from the Offg Resident at Hyderabad forwarding the Budget of Public Works comprising the Military Buildings occupied by, or intended for the use of the Hyderabad Subsidiary Force; and as it had recently been decided that these buildings are to be chargeable against the Revenues of this Presidency, it will be necessary for the Government to frame orders upon the ~~document~~ reference. This can only be done after the Statement has

† Dated 24th February 1857.

× From Government of India to the Offg Resident dated 9th January 1857 No 135, and to this Government dated 17th February following No 808.

had undergone the necessary scrutiny, and in the mean time, the Government resolved to intimate to the Government of India that the ~~Budget~~ after in question having been received after the General ~~sea~~ Budget had been closed, it was not practicable to include it ~~in~~ the latter ~~an~~ statement document, but that the works will be reported upon, separately conjointly with those in the Mysore Division.

43. The inconveniences to which the Government were subjected by the late Submission of a large proportion of the Estimates for entry in the Budget of 1856/57 was noticed in the review of that Budget with an intimation that such an would not be permitted another year. These orders appear to have been overlooked, and

* Ep: Mins: Cons: 25th April 1856 N: 565 para 13.

and the Chief Engineer has again sent up at a period so late as to allow but little time for the proper consideration of the several subjects, no less than one hundred and fifty seven Estimates for the month of December, of the aggregate amount of Rupees 30,77,474, while the Estimates submitted for the preceding eight months or from March to October 1856, by dint of a few indispensable forwarded specially, were in all

all only one hundred and fifty. The Government need hardly point out the obvious impossibility of giving consideration to this Map of projects in the limited time allowed for the submission of the Budget, and they must insist that this second notice of the inconveniences arising from the Chief Engineer's arrangements shall be the last they shall have to record.

The consideration of projects for the Budget ought to be equally divided over every month of the year, so that each should have its fair share of attention from the District Engineer, the Chief Engineer and the Government. It is quite impossible in that the one hundred and fifty seven projects sent at one time to the Govt could have received due attendion in the contract office, and even the more formal preparation of

of them in a form suitable for submission must have occupied the whole time of the Chief Engineer's whole Establishment to the total neglect of all other duty. The organization of the whole Dept is still very defective, and requires for more attention than Col. Baker has bestowed upon it, and as the Estimates now on hand are sufficient to last two years the Govt desire that his time and thoughts be for some time to come mainly devoted to bringing his Dept into order. The object of a Budget is two fold, one that the expenditure for the ensuing year may be known and apportioned, and the other that the Government may exercise its judgment in selecting those works which it may consider most necessary for execution out of the mass of those submitted for its consideration, apportioning the amount sanctioned as fairly as circumstances will permit among the several Districts of the Presidency.

45 It must be clear to the Chief Engineer that it is quite impossible for the Government to exercise a discretion on either of these points, if no additions

addition to a vast number of projects previously sanctioned, lying in abeyance, upwards of a hundred and fifty new plans are hurried up at the last moment, within a very few days of the date on which the budget ought to be closed.

46 The Budget cannot in future be sent to Calcutta by the first Steamer in February and to allow time for its consideration by Govt for its being examined in the Govt Office, and for its being printed it must leave the Central Office not later than the 1st of December. The Chief Engr will adopt measures to obviate the necessity for his being reminded of this positive order

and the general lists of the Chief Engineer will be laid before Government by the 10th December so as to afford time for their full consideration and for the necessary selection and distribution of Projects being made among the several Districts of this Presidency.

47. The reference in the concluding para of the Chief Engineers letter of the 23rd Inst. respecting the failure of Lieutenant Goddard, District Engineer of Canara, to submit the Budget statement and other documents for his District has been separately disposed of by Government in Extract Minute Consultation of the 26th February 1857 No 267 and calls for no present notice.

Having disposed of all the points in the Budget for 1857/58 calling for notice, the Government will now pass orders in respect to the funds to be placed at the disposal of the local Engineer Officers for expenditure on Public Works in the next Official year, but before doing so they deem it necessary to record a few preliminary observations.

In reviewing the Budget for 1856/57 the Government, in the first instance, authorized the disbursement of the full amount ~~provided for~~ received in Statements Nos 2 & 3 for expenditure in that year. The sanctions received from the Government of India to works included in Statement No 1 as well as those granted by this Government to works not provided for in the Budget

and to Emergent works were afterwards from time to time communicated to the Accountant General in view to instructions being given by that Officer for the disbursement of the additional sums so sanctioned.

Consequent

Consequent on the letter from the Government of India of the 5th May 1856 directing the suspension of all Works which had not been commenced ~~before~~, it was necessary to instruct the Accountant General to withdraw a portion of the sums already sanctioned which had been affected by those orders. Again when works of an Emergent nature and those under 10,000 Rupees were removed from the operation of the restrictive orders, it became necessary for the Accountant General to issue orders for the replacement of a portion of the sums withdrawn by the method thus pursued of sanctioning funds has

has been found to be very inconvenient, and likely to lead to confusion in the Accounts of the paying Offices. It occurs to Government that a simpler mode would be to sanction a sum once for all for each District computed on certain fixed principles, ~~and~~ the sum so sanctioned ~~would~~ remaining unaltered for the year, as it is merely an approximation of what should remain at the Engineer's disposal, and will not interfere with any restriction that may eventually be laid upon expenditure in the next official year on Public Works. The District Engineers will however draw from the funds thus placed at their disposal only in such sums as may be warranted by the orders they may receive from time to time, and it will be the duty of the Chief Engineer to see that the limit applied for each District for new works and Repairs respectively is not exceeded and that the money is laid out upon none other than sanctioned works.

50. With these observations the Governor in Council proceeds to allot the funds for the several Districts of this Presidency for the next Official Year.

The sum proposed for expenditure in Statements No. 1. 2 and 3 of the Budget for 57758 viz Rs. 44,19,784 will be distributed among the Districts of this Presidency according

according to the particulars given in those statements. To this will be added a sum of Rupees 100,000 for isolated works as entered in statement No 1, and Rupees 300,000 for inner-ent works and expenditure in excess of Original Estimates &c. This sum of Rupees 400,000 in the absence of details as will be proportionately distributed among the Districts with reference to the position in which they stand as respects the complicated circumstances of area, population and Revenue as given in Para of the Resolution

51 It is also necessary to provide for the Military Works in the Hyderabad Territories which have recently been placed under the control of this Government as well as

as per those in the Mysore Country Districts which also it is believed will probably be the case with their charges. From the Budget received from the Officiating Resident at Hyderabad and noticed in proceedings, it appears that Rupees 335387 is required for new works and Rupees 4500 for repairs in the next official year. In the absence of information in respect to the Mysore Government Districts the same can only assume a certain sum as likely to be required for the Works in that Territory, and they accordingly resolve to fix the sum of Rupees 100,000 for new works and Rs 3,000 for repairs

52 On the principles above

above explained the Governor in Council is pleased to sanction the sums specified below for the several Districts of this Presidency for the Official Year 1857/58 and he requests that the Accountant General will instruct the several Collectors and Paymasters to make Advances within the Amount from time to time may be required in each District.

The Chief Engineer will be good enough to signify to the Officers of the Engineer Department the sums so severally to be placed at their disposal. ~~now sanctioned.~~

Districts	For new works and Repairs as per Statement No 3	Amount to cover Supplemental and Emergent Estimates and Contingencies &c	Total
Bellary	2,98,448	24,000	3,22,448
Kurnool	98,114	10,000	1,08,114
Chingleput	3,15,014	12,000	3,27,014
North Arcot	4,44,480	21,000	4,65,480
South Arcot	3,56,592	18,500	3,75,092
Tanjore	3,77,499	22,000	3,99,499
Trichinopoly	2,37,284	13,000	2,50,284
Madura	1,17,308	30,000	1,47,308
Tinnevelly	2,21,257	23,000	2,44,257
Coimbatore	6,30,333	26,000	6,56,333
Salem	1,25,250	19,000	1,44,250
Canara	1,78,105	20,000	1,98,105
Malabar	1,52,297	19,500	1,71,797
Presidencies Division	1,85,025	11,000	1,96,025
East Coast Canal	1,95,911	1,500	1,97,411
Hoysdevabad	3,39,887	2,000	3,41,887
Mysore	1,05,000	2,000	1,07,000
Total	68,64,671	4,00,000	72,64,671

53. The Sums sanctioned for each District will be held at the disposal of the District Engineers, the Collector taking the place of that Officer in those Districts where the Executive may not as yet have been transferred to the Engineer Department.

The

Districts	For new works and Repairs as per statement No 3	Amount to cover Supplemental and Emergent Estimates and Contingencies &c	Total
Ganjam	2,20,129	16,000	2,36,129
Vizagapatam	99,664	17,000	1,16,664
Rajahmundry	5,44,137	17,500	5,61,637
Masulipatam	6,91,373	14,000	7,05,373
Guntoor	4,22,986	15,000	4,37,986
Nellore	2,82,137	18,000	3,00,137
Cuddapah	2,26,441	28,000	2,54,441
	21,86,867	1,25,500	23,12,367

The sum allotted for the Presidency Division will be payable by the Sub Treasurer to the Civil Architect, Garrison Engineer and the Officer in charge of Progues, but the apportionment of the Amount among the three Officers cannot be made until the question as to the extent of charge to be assigned to the Civil Architect and Garrison Engineer respectively has been decided upon. On this being done, the Chief Engineer will report the sum that should be placed at the disposal of each Officer in order ~~that~~ the necessary instructions ~~might~~ being communicated to the Sub Treasurer through the

the Accountant General.

The funds sanctioned for the East Coast Canal will be drawn by the Superintendent exclusively from the Treasury of the Collector of Madras, either in Cash or when necessary by Bills of Exchange on the Collectors. Those sanctioned for Hyderabad and Mysore will be provided by the Paymasters of those respectively ~~respective~~ Territories.

54 Although Funds have not been sanctioned for all the Works entered in the three Statements of the Budget, the Governor in Council desires ~~that~~ it may be distinctly understood that the Works included in Statement No1 and those in

in Statement No 2 conditionally sanctioned, shall not be undertaken until the former shall have been sanctioned by the Government of India, and the information required in respect to the latter shall have been furnished, and final sanction accorded by the Government. Should the Government of India fix any limit hereafter upon expenditure on Public Works for the next Official year, such limit will not be ~~permitted to be~~ exceeded, and the District Engineers will confine their expenditures within the sums that may then be allotted to their respective Districts. If in the course of the year a District Engineer should find the sums placed at his disposal fall far short of his requirements he will submit, thro the Chief Engineer, an application for additional funds, shewing at the same time the amount authorized for thro Estimate, and that actually drawn by him.

55. The Governor in Council desires that it also be understood that the Funds now sanctioned for each District are inclusive of the Cash balance that may remain in the hands of the District Engineer on 1st May 1857, as will be shewn in his Account current for the preceding month. The Accountant General will ascertain from the Chief Engineer the amounts of such

such balance in the hands of the District Engineer, and to instruct the several Collectors and Paymasters to deduct the amount of the amount sanctioned for the District, and hold the remainder only at the disposal of the Engineer officer. This arrangement will be attended to at the present time and need not prevent the Accountant General from acting at once upon the present sanctions.

JW

Dr. Cont. 3 Miles 65 Ch.
about Dr Cuddapah

Public Works 1857 Dept.
Dr to Cons: 17th March.

No. 461.

Extract Mins of Cons:

Dy 12th March/57.

From the Chief Engineer Cy 15th April 57
No. 736. in Cons: 29th April/57

From the Chief Engr 23d June/57 C/21262
in Cons: for the maintenance of Cuddapah Road

From Chief Engr 16 May 1857. C No. 397
in Cons: 30 June 1857 submitting
Plan & Estimate in certain pgfs noticed in
Mr 12 March/57
From the Chief Engineer 17 April 57
No. 772 about Dr Cuddapah Cons: 12 May

From Dr 27 June 57 6 No. 1296
in the maintenance of the Road from the
Gunnalang Bridge through Chicacole to the
Southern Trunk Road

No. 13-13 A & 14-

Passing orders and observations on the Budget Report of Public Works for 1857-58-

the Chief Engineer 26 May/57
No. 1072 Ganjam Dist. in
Dr 9th June/57 6 No. 1187 in Cons: 23 July
From Chief Engr 5th July 57 6
Rs 13.51-6