M.R.O. 1—77,000—8-6-57.

(1) Number of pages _____

(2) Date of repair _____

(3) Initials of the Reference _____

MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 387-388 Press Mis.

Dated 3-2- 1877.

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 3rd February 1877. No. 387.

No. 142. Read again G.Os., Nos. 3,035 and 3,036 of 13th November 1876.

Read also the following :—

No. 322 W.

No. 143. *Note by the Chief Engineer for Irrigation.*

The following remarks on the Budget Estimates for 1877-78 as drawn up in this office are submitted with those estimates for the information of Government.

Extraordinary Grant.—This was fixed* by the Government of India at 5 lakhs of Rupees, and the estimates as received from the districts concerned have been modified accordingly.

* Resolution in Proceedings, Madras Government, 13th November 1876, No. 3,035.

The Government of India in making the grant showed its probable distribution, leaving it to the Local Governments to modify this distribution according to circumstances. The information in the subjoined statement will show the changes made :—

	Government of India Allotments.	District Estimates.			Budget Estimates.		
		Works.	Other Classes.	Total.	Works.	Other Classes.	Total.
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Godavery Delta System ..	3,50,000	2,07,650	77,966	2,85,616	2,07,650	77,966	2,85,616
Kistna „ „ ...	70,000	3,74,021	49,102	4,23,123	98,676	49,102	1,47,778
Pennair Anicut „ ...	30,000	24,786	7,051	31,837	24,780	7,051	31,831
Strivigantum „ „ ...	50,000	27,268	7,507	34,775	27,268	7,507	34,775

The reduction in the grant or allotment proposed by the Government of India for the Godavery Delta System is due to that sum having been in excess of the requirements of the District Officers.

The revised allotment for the Strivigantum Anicut Project is all that is likely to be required to complete the works.

The money not needed for the three other systems has been added to the allotment for the Kistna Delta System, for which estimates to a very considerable amount for the Western Delta have been passed by this Government, and have been submitted to the Government of India, by whom sanction was deferred* pending further information as to financial results, and recently estimates for three sub-sections of the Eastern Delta have been laid before Government.

* Letter No. 166-I, dated 24th March 1875.
Proceedings of Madras Government, No. 1,338, dated 10th May 1875.

The financial position of the Kistna Delta System has been shown to be satisfactory, and it appearing that the net revenue receipts, after providing for interest on past outlay, will more than cover future proposed expenditure, there seems

Proceedings of Madras Government, No. 1,923, dated 28th July 1876.
Vide Irrigation Memorandum, dated 14th December 1876.

to be no reason for the further postponement of a commencement of the improvements needed for the development of irrigation and the extension of water communication. The total provision made in the Budget Estimates is small, and in future years it should be much more liberal if any adequate progress is to be made; it may suffice for the first year of the new work, as the floating plant will need to be increased before any very large quantity of masonry work, for which materials must be transported from the head of the delta, can be carried out in one working season.

Ordinary Grant.—The estimates have been conformed to the amount of the grant, and the distribution has been made as well as could be done in this office when the sum available was not only very much less than was required for sanctioned works, but also considerably less than that allowed in 1876-77.

Out of Rupees 69,504 shown under Capital Ordinary, only Rupees 13,820 is for *Works*, the principal items making up the charge being—

	Rs.
Special revenue investigations	40,388
State outlay on Guaranteed Irrigation works ...	10,569

Revenue.—On original works the proposed expenditure amounts to Rupees 29,168, and requires no special notice. Of the items under repairs the sum of Rupees 39,000 for the Palar Anicut System appears large; but as yet there is no list of the very numerous irrigation works in North Arcot and Chingleput connected with that system, and until that and the acreage and revenue connected with the works are clearly ascertained, a proper normal expenditure cannot be determined; while at present and until the works have once been got into good order, the expenditure will necessarily be somewhat abnormal.

Ordinary Agricultural.—At present the intended expenditure on irrigation works under this head is necessarily shown in the gross, but the necessary instructions have been issued—1st, for the separation of those works which are of considerable individual importance, and, 2ndly, for the sub-division of the rest into geographical groups, whether connected or otherwise, and probably by next year considerable progress will have been made with this separation and grouping.

With regard to major works the grant has admitted of only Rupees 58,125 being allotted to Irrigation, a merely nominal outlay when the number and collective importance of the works are considered. Rupees 39,875 are entered for river embankments, and this sum is very much smaller than the ascertained requirements show to be necessary, so that, unless more ample funds can be made available in the future, it will be a very long time before what it is admittedly possible and requisite to do for the protection of highly valuable properties, public and private, will be carried out. For miscellaneous outlay Rupees 3,600 are provided. The rest of the allotment under original works, amounting to Rupees 2,51,400, is for Minor New Works, and has to provide also for incomplete works of 1876-77. This sum is about half the amount which Government have decided* to be requisite to allow of reasonable progress being made with the much-needed provision of surplus and distribution works, head sluices to river channel, &c., throughout the country.

* Proceedings of the Madras Government, dated 17th February 1875, No. 475.

Proceedings of the Madras Government, Public Works Department, 3rd February 1877. *No.* 337.

2. Subjoined is a list of works which have been sanctioned by this Government, or submitted to the Government of India for sanction, for which no provision of funds in the Budget Estimates has been practicable. Those which have been commenced are shown separately from those which are as yet uncommenced. There are many other works for which estimates have been submitted by District Engineers, and of these also a list is subjoined :—

List of Works approved or sanctioned by Government.

System, &c.	Name of Work.	Amount of Estimate.	Orders of Madras Government.	Orders, &c., of Government of India.	Expected Expenditure to end of 1876-77.	Remarks.
Ordinary Agricultural.		Rs.		Rs.	Rs.	
			Works which have been commenced.			
Madras Water Works.	Kalinkal waste weir extension.	18,400	G.O., No. 2,785, of 17th Oct. 1876.	..	20	The extension has not been commenced, but they are part of a nearly completed project.
River Embankments.	Godavery — Rajahmundry to Yanam.	87,990	G.O., No. 2,973, of 27th Sept. 1876.	..	5,000	
Do. ..	Pallaveram Island embankments.	62,000	G.O., No. 477, of 26th Feb. 1874.	..	57,040	
			Works not commenced.			
Cauvery Delta..	Cauvery and Vennaur regulating works.	5,20,260	G.O., No. 1,463, 30th May 1873.	..	..	Awaiting information regarding discharging capacity of the Coleroon river.
Western Delta ..	Western Delta lock-sheds, navigation.	1,959	G.O., No. 1,115A., of 6th May 1876.	..	..	
Do. ..	Western Delta main canal.	5,40,500	G.O., No. 3,572, of 19th Dec. 1874.	..	..	Sanction of Government of India deferred for Revenue information—*vide* letter No. 106 I, of 24th March 1875, printed with Proceedings, Madras Government, 10th May 1875, No. 1,363.
Do. ..	Do. Bank do. ..	4,46,000	Do.	..	..	
Do. ..	Do. lock-sheds, navigation.	6,892	G.O., No. 1,115A, of 6th May 1876.	..	..	
Ordinary Agricultural.						
River Embankment.	Godavery—Gowtami Godavery right bank.	73,750	G.O., No. 3,311, of 7th Dec. 1876.	..	..	
Do. ..	Do. Vasista, Godavery left bank.	84,400	G.O., No. 3,373, of 12th Dec. 1876.	..	..	

List of Estimates submitted by District Engineers for sanction.

Systems or Districts.	Name of Work.	Amount of Estimate.	No. and Date of District Engineers forwarding letter.
		Rs.	
Coimbatore District	Noringipett Project ...	10,49,000	Major Mead's letter of 23rd October 1871.
Salem do.	Badathalab do. ...	1,13,018	No. 47 of 28th June 1873.
Godavery do.	Annamoolanka Project ...	8,14,000	No. 8,787 of 17th March 1874.
Godavery Delta System ...	Central Delta do. ...	7,38,000	No. 1,528 of 11th August 1873.
Godavery Delta System ...	Securing sluices at Madur, Godavery Anicut.	1,75,000	No. 3,597 of 11th March 1876.
Trichinopoly District	Kondumthoray Project ...	15,000	No. 254 of 28th June 1876.

List of Estimates submitted by District Engineers for sanction—(Continued).

Systems or Districts.	Names of Work.	Amount of Estimate.	No. and Date of District Engineer's Letter.
		Rs.	
North Arcot	Improvements to the head works at the south end of the Palar Anicut.	12,970	No. 4,116 of 7th March 1876.
	Do. north end of do.	5,500	
Godavery District	Raising right embankment of Vasista Godavery.	77,300	No. 1,339 of 12th August 1876.
Tanjore do.	Regulating head works to the Codamoorty and Tirumbrajen rivers.	31,280	No. 2,008 of 23rd October 1876.
Kistna Delta System... ...	Completing Commamore Canal.	3,14,883	No. 104 of 19th December 1876.
Kurnool	Rampairu Drainage ...	4,03,970	
	New Nallabegundy or town channel in connection with Cumbum tank channels.	13,000	No. 61 of 10th January 1877.
	Eastern Delta.		
Kistna Delta System	3rd Sub-section	14,50,000	No. 31 of 9th June 1876.
	5th do.	10,33,200	No. 1,041 of 26th March 1875.

No. 144. ORDER THEREON, 3rd February 1877, No. 387.

ACCOUNT.
Irrigation, No. 13.

THE Budget Estimates of the Irrigation Department for 1877-78 will be submitted for the consideration of the Government of India.

2. His Grace the Governor in Council regrets that the grant allotted by the Government of India under Ordinary has allowed of so little money being made available for Major and Minor Works under Ordinary Agricultural. The subject will be further pressed upon the attention of the Government of India when the information called for from the Chief Engineer for Irrigation in the orders as per margin has been furnished.

G.O., No. 1,972, 2nd August 1876.

3. Ordered that the following letter be sent.

(Here enter No. 388, dated 3rd February 1877.)

(True Extract.)

(Signed) JOHN MULLINS, Lieut.-Colonel, R.E.,
Secretary to Government.

To District Engineers.
To the Chief Engineer for Irrigation.
" Financial Department.
" Revenue do.
" Board of Revenue.
" Accountant-General.
" Examiner of Public Works Accounts.

Exd. A. Grubert.
Spare Copies

PUBLIC WORKS DEPARTMENT,
FORT ST. GEORGE, *3rd February* 1877.

No. 145.

No. 388.

FROM

LIEUTENANT-COLONEL J. MULLINS, R.E.,
Secretary to the Government of Madras,
Public Works Department,

To

THE SECRETARY TO THE GOVERNMENT OF INDIA,
Public Works Department.

ACCOUNT.
Irrigation, No. 74.

SIR,—I am directed to transmit, for the consideration of the Government of India, the Budget Estimates of the Irrigation Department for 1877-78, and to say that the inadequacy of the ordinary grant to meet the requirements of Irrigation and Agricultural Works in this Presidency will form the subject of a separate communication so soon as certain information which is being collected may be available.

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

Lieut.-Colonel, R.E.,
Secretary to Government.

Exd. A. Grubert.
Spare Copies

No 322-W.

Letter by the Chief Eng. for I.

The following remarks on the Budget Estimates for 1877-78 as drawn up in this office are submitted with the Estimates for the information of Government.

Embankments Grants - The sum provided by the Secy of I. at 5 lakhs of Rupees under the estimate as received from the District Engineers has been modified accordingly by the Secy of I in making the grants shown in the probable distribution having regard to the general Government to modify the distribution according to circumstances. The subjoined statement shows the changes made

Irrigation Delta system	Estimate	Estimate retrenched			Distribution retrenched		
		Works	Establishment	Total	Works	Establishment	Total
	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
Kistna do	3,17,000	207,650	77,966	285,616	207,650	77,966	285,616
Kistna do	70,000	3,74,021	49,102	423,123	98,676	49,102	147,778
Godavari do	30,000	24,780	7,057	31831	24,780	7,057	31,837
Godavari do	50,000	27,268	7507	34,775	27,268	7,507	34,775

The reduction in the grant under this system is due to the having been in excess of the requirements of the District Officer.

The various allotments for Irrigation & Navigation projects in the Madras Circle to be expended in completing the works.

The sum recommended for the Kistna Delta system

* Reduction in Secy 13 Nov. 876 - 13035

Kistna Delta Irrigation Project for which estimates
for a very considerable amount [illegible]
[illegible] Government and [illegible]
submitted to the Govt of India by whom sanction was
deferred pending further information as to
financial results, were recently estimated
per Submission of the Kistna Delta Irrigation
Committee for Government.

Letter No 1303
dated 24th Sept 26
Pwd No 1312
dated 15th Nov 26
Govt

Pwd No 1323
dated 24th Nov 26
Govt

The financial position of the Kistna Delta
Irrigation has been shown to be satisfactory
and it appearing that the work remained
required after investigation for internal irrigation
only with reference to future prospects

1

Representations were made to the Government
the Government of India Communications Department
the Government needed further development
of irrigation from extension of water Communi-
cations. The total provision made in
Budget estimates is small and in future
years it should be made more liberal if
any adequate progress is to be made: it may
suffice for the first year of the new work as the
floating plant will need to be increased before
any very large quantity of masonry work,
for which materials would be transported from
the Coast of Delta, can be carried out
in one working season.

Vide Irrig. Branch 9/4
Dec 1926.

Ordinary Grant - Hon. Estimates Committee recommended
to this amount of this grant, and the Auditor
Instructed that was the Committee with the
Officer could be done within Office where the
department was available was not only, since
work had also been completed by Contractor
allowed in 1876-77.

Ordinary Purposes 69,504 shown under Capital Ordinary
Ordinary Purposes 18,520 in the work, the Committee
items making up the Ordinary Income

Special Revenue Expenditure Purposes 40,888
Special making up Income 10,500

Revenue On original works the Income Expenditure
amounts to Rupees 29,168 and represents
Of this amount
no special notice - Of Rupees the
sum of Rupees 39,000 for the Salar Canal
system about was large, but as yet there
is no history the very numerous irrigation
works in the area to be completed
connection with that system and until
that and the Income & Revenue Committee
with the works are clearly ascertained
a proper estimate cannot be determined. With regard to the
the works have been [illegible]

under the Irrigation Act with which they
immediately connected.

Ordinary Agricultural Act provides for
extraordinary
Expenditure on Irrigation works under this
heads in various Circles in the Prov: but
the work are mostly Protective in character
1st[ly] further Extension of these works which
are of considerable individual importance
and [illegible] subdivision of the note into
Geographical Groups which will be connected
by
or otherwise and probably next year
Consideration of Proposals will have been made
with reference
with these Provinces

With regard to Major works the provision
Rupees 5,8,12,5 being
of only allotted to Irrigation, a merely
nominal entry when the necessary
Collective Enforcement the works consid
ered - Rupees 39,87,5 are entered for
River embankments and this sum is
very much smaller than the ascertained
requirements shown to be necessary so that
[illegible] more ample funds could
available in the future which is very
important. What it is admittedly

possible and requisite to do further
protection of highly valuable properties
public and private will be carried out
For Miscellaneous Outlay Rs. 3800 are provided
Under Original works
The entry the allotment amounting
to Rupees 2,54,400
2,65,200 is for Minor New works
and has to provide also for incomplete
works of 1876-77 - This sum is about
half the amount which
by Government have
decided this to be requisite to allow of
reasonable progress being made with the
works mentioned in Despatch dated
distributed
Canal Sluices &c &c
works throughout the country

Proc no 1475
dated 17 Feby/75

2. Subjoined are lists of works which have
been sanctioned by this Government, or
submitted for the Sanction, for
which no provision of funds in the Budget
estimate has been practicable. Those
which have been commenced are shown
by asterisk from those which are as yet
uncommenced. Also
There are many other
works for which estimates have been submitted
by Executive Engineers some of these also do
exist in subjoined

Irrig. 30/1876

The Board of Trade estimates for Harbours of Refuge for 1877-78 with the accompanying further Considerations of the Government thereon

2. The Grants by the Exchequer Grant Account by the 3 & 4 Wm. IV. cap. 1 & 2 Vict. cap. 47 sec. 2 in the year 1876. are from Imprest Moneys

3. Ordered that the following Letter be sent

Treasury Chambers
3 August 1876

I am directed to transmit herewith Copies of the Letter of the Board of Trade estimating for Harbours of Refuge for the year 1877-78 and of the Memorandum thereon by the Government, and to request that you will move the Lords Commissioners of Her Majesty's Treasury to authorize the issue of Imprest Moneys for the Ordinary Grants to Harbours of Refuge for the year 1877-78 in the manner proposed by the Government, with the exception of the Grant for Ramsey Harbour, which should be made out of the Grant for Harbours of Refuge Extraordinary.

The Superintending Engineer is requested to furnish certain information which is being collected, many be available.

List of Estimates submitted by Divisional Engineers for sanction

Name of District	Name of work	Amount of Estimate	Remarks
Coimbatore District	Aliyar project	10,29,000	Preliminary letter dated 25.8.34
Salem District	Perdakkala project	11,30,118	Rs 42,97 25 Jan 35
Godavery District	Nariamadanka project	8,14,000	3,73,780 Received
Godavery Delta System	Central Delta project	7,38,000	15,289-11 Aug 1933
South Arcot District	Pullambadi project	91,220	2913,912 Expenditure till July Aug & Sept
Godavery Delta System	Covering sluices at Nagadi	1,75,000	3577,94 Received
Trichinopoly District	Kodumudi project	15,000	264,938 Received
South Arcot	Improvement to the Road works at the South end of the Pallikonda anicut	22,500	2116 27 Received 1936
Godavery District	Flood Embankments in the Tiruvur etc	17,500	1839 31 Aug 36
Tanjore District	Regulating Road works to the Cauvery and Vennaru		2000 0 Received
		31,500	

Kistna Completing Canal
Delta - more Calab. and 104 ℔
System Compacting drainage 1500000 13 Dec/76

Kurnool Sen Sakkalagady
or Town Channel in 61 ℔
Connection with Cumbum 10 January
tank Channels ——— 15000 1877

Kistna Eastern Delta
Delta 3rd Cud section 14 50000 31 Dec/76
System 4th Cud section 1034800 168729
March/75

Prepared by
B. Narasachariar Clerk
20-1-77.

The Only Cover the Covers &
Envelopes Papers and
the Outline table Cover been
Cancelled & the Estimates
there found to be enclosed
& are entered in the Cash Book.

ב 217 2-25 kp 5.75
" 10-5-25 " 1.38
" 28-2-26 " 1.23
" 2-8-26 " 1.72
" 15-11-26 " 2.87
Lucyfer Kamerling
16-12-26

Issue Case.

I. E. Form No. 31.

FORMER CASES.

P. No. 3035 of 1876
" " 1386 "75
Rem. of 14 Dec 76

1877.

Chief Engineer for Irrigation.

RECEIPT No.

Dated 187 .

ISSUE No. 322-W.
Dated 30 Dec 1876.

LATER CASES.

No. of 187 .
" "

Subject :—

Budget Estimate for 77-78.
— Ltr. Secretary with re-
-marks. —

Sent to Government with No. W. of
18
Printed with G. O. No. dated

ENCLOSURES. 2
1 Ltr. & Budget
2 / Covers Appendix C

REMINDERS ISSUED.

No. 1, dated 187 .
" 2, " "
" 3, " "
" 4, " "
" 5, " "

KEEP-WITHS.

List of works approved or sanctioned by Government

System &c.	Name of work	Amount of Estimate	Orders of Madras Govern-ment	Orders Expected re. of appendix. Govern-ment end of Govt. of India 1876-77	Remarks.
Works which have been commenced.					
Ordinary Agricultural Madras Water Works	Kilambai Water Works Extension	184470	G.O. No. 2785 of 17th Oct. 1876.	—	20	The extension has not been commenced but they are part of a nearly completed project.
River Ens.	Godavery - Rs. Construction Yanam	37790	G.O. No. 2535 of 27th Sept. Sender 1876.	—	5220	
— do. —	Polavaram Island em. Construction	82,000	G.O. No. 477 of 25th Feby 1876	—	57040	
~~Miscellaneous Towing Path~~	~~Kistnapatam Extension~~	~~1615~~	~~G.O. No. 2111 of 21st May 1875~~		~~2000~~	
Works not commenced					
Cauvery Delta	Cauvery and Vennaur regu-lating works	520260	G.O. No. 1453-30th May 1873.	—		Awaiting information regarding discharging capacity of the Coleroon river.

System &c.	Name of Work	Amount of Estimate	Orders of Madras Government & of India Government	Orders Expected	Expenditure to 31st March 1877	Remarks
Kistna Delta Eastern Delta						
	Lock sheds. Navigation	1050	G.O. No. 1115 A of 6th May 1876.	—	—	
— do. —	Western Delta Main Canal	540,500	G.O. No. 3572 of 19th Dec. 1874	—	—	Sanction of Government of India &c. served for Revenue information Secretary letter No. 1061 of 24th March 1875 printed with P.W.D. G. 16th May 1876 No. 1336.
— do. —	— do. — Bank — do.	448,000	— do. —	—	—	
— do. —	do. Lock sheds Navigation	6800	G.O. No. 1115 A of 6th May 1876	—	—	
Ordinary Agricultural						
River Em = bankment.	Godavery - Gosthanee Godavery right bank	73,750	G.O. No. 3311 of 7th Dec. 1876	—	—	
— do. —	— do. Vasista Godavery left bank	34,400	G.O. No. 3373 of 12th Dec. 1876	—	—	

List of estimates submitted by District Engineers for Sanction.

Systems or Districts	Name of work	Amount of Estimate	Amount No. and date of District Engineers forwarding letter to Major Mead's letter - 23rd Oct. 1871.	Remarks.
Coimbatore District.	Nearingapett project	1040,000		
Salem District.	Bodathalai project	113018	No. 47 of — 28th June 1873	
Godavery District.	Pranamerbank project	814,000	No. 3137 of 17th March 1874.	
Godavery Delta System —	Central Delta project	738000	No. 1528 of 11th Augt. 1873 —	
South Arcot District.	Pottanbaucham project	91270	No. 1314 of 12th Sept. 1874 from Supdg Engineer 3rd Division.	
Godavery Delta System	Coonoor Shoal at Draduru	175000	No. 3597 of 11th March 1876	
Trichinopoly District.	Kondenthoray project	16,000	No. 254 of 28th June 1876.	
North Arcot	Improvements to the Head works at the South end of the Polaroanicut	22,570	No. 4116 of 7th March 1876.	
Godavery District	Flood embankments in the Western Delta	77,300	No. 1339 of 12th Augt. 1876.	
Tanjore District.	Regulating Head works to the Coolamoody, and Trimulavajin rivers	31,380	No. 2008 of 21st October 1876.	
Kistna Delta System —	Completing Commore Canal and Rampairu Drainage —	1,500000	No. 104 of 13th December 1876.	

Systems or Districts.	Name of work.	Amount of Estimate	Ref & date of Dist. Engineers forwarding letter	Remarks
Kurnool	New Nakkalagindy or Town Channel in connection with Cumbum tank Channels	15,000	No 61 of 10th January 1877.	
Kistna Delta System	Eastern Delta.			
	3d Sub Section	14,50,000	No 319 of 9th June 1876	
	5th Sub Section	10,34,900	No 168 of 29th March 1875	

Lieut.t Col.l R.E.
Chief Engineer for Irrigation.

To
The Secretary to Government
P. W. D.

E. I. Form No. 22.

No 389 Irrn Genl

Public Works Department.

PROCEEDINGS of the MADRAS GOVERNMENT.

UNDER date the 3 Oct.r 77

Read the following :—

From
The Chief Engr for Irrig.n
} No 322 Dated 30th Dec.r 76

The Budget estimates of the Irrigation Department for 1877-78 will be submitted for the consideration of the Government of India.

2 His Grace the Governor in Council regrets that the grant allotted by the Government of India under Ordinary heads allows of so little money being made available.

For

For Major and Inspr
of Works under Ordi=
=nary & Agricultural.
The subject will be fur=
=ther pressed upon the
attention of the Govern=
=ment of India when
the [redacted]nation called
for from the Chief Engi=
=neer for Irrigation in
the orders as per margin
has been furnished.

3 Ordered that the
following letter be sent.

(P.C. dtd 3 Sept 1877)

G. C. dtd 1992 - 2nd August 1876.

Sd/ S. Lyons
Chief Engr & Secy
Irr. Dept
Pro. Dept
Rs & Sts
Death Ens
Off Pro Accts

Sept 19. 8-77

Sept 1877
No 3088 P.C. Sept

To
The Secretary to the
Government of India
P. W. D.

Sir

I am directed to
transmit for the consi=
=deration of the Govern=
=ment of India the
Budget estimates of
the Irrigation Depart=
=ment for 1877-78, and
to say that the inade=
=quacy of the ordinary
grants to meet the re=
=quirements of Irrigation
and Agricultural works
in this Presidency will
form the subject of a
separate communication
as soon as certain in=
=formation

Prefossa section, with [illegible]
Craig Collection Dunedin
and Section Co.

Wm Hall

Pref. unlk No 387
v2 statements
Pref. 3-2-77

No Pref — 11-2-77

780

Calcutta Central Library
PUBLIC WORKS.

To Mr. Asst. Engineer

Dated
Issued
Recd. Read

G. G. 3rd Vol. 1877 Nos. 387-388.

Nos. 1427 1449 - 1455

Estimate for Earthwork for Earthen Bund &
Retaining Walls of the Lungleh
Defence Work for 1877-78

Estimate Rendered Lumber
for 1877-78. Passing orders
on Asst. Engr. Chief Engineer
for Sanction Earthwork
Stonework &c.

Rs. [illegible]