M.R. ● 1—32,000—16-10-29.

MADRAS RECORD OFFICE.

Government of Madras.

Revenue **DEPARTMENT.**

G.O. No. 2688 Press ~~Mis.~~

357-52.
Dated 22-10-1928.

Not to be folded or roughly handled

Proceedings of the Madras Government, Revenue Department,
22nd October 1868.

No. 351. Read the following Proceedings of the Madras Government in the Public Works Department:—

Passing orders on the letter from the Government of India sanctioning certain Irrigation works to be classed under "Extraordinary." } (Here enter 12th October 1868, No. 3,215.)

No. 352. ORDER THEREON, 22nd October 1868, No. 2,688.

Irrigation, No. 13.

Communicated to the Board of Revenue.

(True Extract.)

(Signed) H. SEWELL,
Acting Under Secretary to Government.

To the Board of Revenue, with Proceedings Public Works Department, No. 3,215.

Exd. S. T. Augustin.

No. 256. Read the following letter from the Secretary to the Government of India, Public Works Department, (Account—Irrigation,) to the Secretary to the Government of Madras, Public Works Department, dated Simla, 1st September 1868, No. 132 A.—I :—

1. I am directed to acknowledge receipt, on the 27th July 1868, of your letter, No. 1,880, dated 15th June 1868, submitting Statements showing the Irrigation works projected and under construction in the Madras Presidency, which it is proposed to treat as "Extraordinary," and in reply to convey sanction to the following works being classed under that head :—

Item No.	Works.	Estimated Cost.
	WORKS IN PROGRESS DURING 1867-68.	RS.
	Godavery Canals—	
1	Raising Godavery Anicut	3,00,000
2	Removing parapet walls of the under-sluices of Godavery Anicut	1,935
3	Improvements to Akeed Canal	1,03,234
4	Calingulah on Mundapettah Canal	2,843
5	Aqueduct across Cowsica drain	16,500
6	Masonry aqueduct over Thopaswaram drain	540
7	Under-tunnel under Oondy channel	1,100
10	Scouring sluices and ring channel to Cocanada lock	1,000
12	Aqueduct over Chintapally Calingulah channel	3,570
13	Widening and improving the Samulcottah Canal	1,31,200
14	Irrigation works of Ellore High Level Canal	16,760
15	Widening and re-building side wall of Gunaram aqueduct	21,420
16	Constructing Lock and Calingulah below the Gunaram aqueduct	9,350
	Kistna Canals—	
18	Enlarging and improving Channels in Masulipatam section	1,77,000
19	Widening head of Masulipatam Canal	20,080
20	Excavating Irrigation Channel on west side of Masulipatam Canal	49,860
21	Do. do. do. on east side of do. do.	15,610
22	Side channels from Doogeralla to Nizampatam	48,757
23	Extending the Commamoor channel	1,95,770
24	Widening the lower portion of the Pullairoo channel	1,04,050
25	Channel from Wallabapooram to tide water	1,46,479
26	Sloping down and enlarging main channel from the southern flank of the anicut	2,76,404
27	Constructing first class Lock at Doogeralla	30,570
28	Do. second class Lock at Jagarlamoody	7,769
29	Cutting a new channel from Pedavadlapoody to Nizampatam	2,94,815
30	Excavating a drainage channel to dispose of four drainages which at present run into the Vellator channel	10,460
31	Drainage channel from outlets across the Rampooroo swamp	5,400
	Pennair Canals—	
32	Canal of Irrigation from Nellore to Kistnapatam	59,600
33	Improvements to Sarvapally channel	4,12,100
33½	Connecting Sarvapally channel with Jaffer Sahib's channel	92,630
36	*Madras Water-supply Project*	6,11,759
44	*Regulating works for the improvement of the Cauvery*	1,10,090
	NEW PROJECTS BROUGHT FORWARD FOR EXECUTION IN 1868-69.	
	Kistna works—	
52	Enlargement and improvement of Ryves' Canal	4,08,093
53	Irrigation channel from the 14th mile of Polrazo Codoo	6,130

2. Of the works entered in the foregoing list, the following call for notice :—

I.—*No.* 29, *cutting a Channel from Pedavadlapoody to Nizampatam, estimated cost Rs.* 2,94,815.—The estimate for this work appears to have been sanctioned by the Governmentof Madras by sections, although its aggregate cost was beyond the power of that Government to sanction. This, so far as can be seen, was irregular.—*Vide* paragraph 57 of Budget* Rules.

* S. O. No. 62 of 1864 made applicable to Madras in Public Works Department Resolution No. 777A., dated 10th December, 1864.

II.—*Item* 36, *Madras Water-supply Project, estimated cost Rs.* 6,11,759.—With reference to paragraph 8 of Public Works Department letter, No. 626 C., dated 19th July, 1866, information should be furnished as to the mode proposed to be followed in realizing the income for water supplied to the town of Madras.

3. As regards those works entered in the application statement which have not been included in the foregoing list, I am to convey the following observations and orders on each of the items so excluded.

I.—*No.* 8, *Calingulah to Rajamah Tank, Rs.* 930.—It seems questionable whether this is a proper charge to be provided for from loan funds. Explanation is requested as to the nature of the work contemplated.

II.—*Nos.* 9 *and* 11, *as per margin, Rs.* 13,580.—These should apparently be considered charges under maintenance, instead of being treated as original works. If the Government of Madras agree in this view, the outlay should be adjusted accordingly.

	Estimated cost, Rs.
9. Shutters for head and under-sluices of Godavery Anicut...	7,920
11. Sloping down the banks of the western Delta, main canal from Vijiaswaram to Niddadivole	5,660
	13,580

III.—*No.* 17, *Works for the cross drainage of the Ellore high level Canal, Rs.* 1,05,486.—Explanation is requested as to whether some portion of the charge on this account should not be chargeable to Revenue instead of to Capital. It is believed that some of the original works have been destroyed and are being now replaced.

IV.—*Nos.* 34 *and* 35, *Pennair Canals, as per margin, Rs.* 38,800.—Information should be furnished as to the precise nature of these works before they can be classed as "Extraordinary." Item No. 34 is apparently quite a distinct work from the Pennair Canals.

	Estimated cost, Rs.
34. Channel from Venkatagherry River to Chennoor Tank	22,400
35. Improving the embankment along the south margin of the Pennair weir at Nellore ...	16,400
	38,800

V.—*Works connected with the Palar Anicut system as per margin.*—The return of remunerative works for 1866-67 shows that the income derived from these Anicuts is most insignificant, and does not nearly cover the charge for maintenance. Before the outlay can be classed as "Extraordinary," proof must be afforded that the investment will prove a remunerative one.—*Vide* Rule V. of Public Works Department Circular 94 of 1867.

	Estimated cost, Rs.
Palar Anicut system.	
37. Channel in continuation of Palar Anicut Project	8,240
38. Improving channel in do. do.	7,500

VI.—*Works connected with the Cheyar Anicut as per margin.*—Proof must also be afforded that these works will render an adequate return before they can be classed as "Extraordinary."

	Estimated cost, Rs.
Cheyar Anicut.	
39. Widening and improving main channel ...	28,000
59. Improving and strengthening the Nallalem Tank	3,930
60. Improving and strengthening the Keevaloor Tank	4,500
61. Improving and strengthening the Naickenary Tank	3,600

VII.—*Nos.* 40—43, *Lower Cauvery works as per margin.*—It is not clear whether portions of these items are not properly chargeable to maintenance. Information should be furnished on this point. Item No. 43, being for the collection of rough stone for the Lower Coleroon Anicut, is also otherwise objectionable, as the outlay should be charged to stock until work is actually commenced.

	Rs.
40. Constructing a sluice and seven arches at the north extremity of the south branch of the Lower Colcroon Anicut	81,880
41. Constructing apron at advanced portion of three sluices in the south branch of the Lower Coleroon Anicut	16,000
42. Completing wall and apron along south branch of Lower Coleroon Anicut... ...	70,400
43. Collecting rough stone for the Lower Coleroon Anicut...	7,500

VIII.—*Upper Cauvery Works, items* 45 *to* 47.—Evidence is required as to the profits to be derived from Nos. 45 and 47, and explanation should be furnished as to the object of the work comprised under No. 46.

	Rs.
45. Constructing surplus sluices for the Wyacondan channel	16,500
46. Ten surplus sluices on the north bank of the Coleroon	12,380
47. Completion of Wyacondan Extension Project,	24,800
Godavery Canals.	
48. Extension of Irrigation from the Ellore Canal.	
49. Extension of Irrigation in the Central Delta.	
50. Extension of branch channel across the head of the Coringa river.	
Kistna Works.	
51. Improvements to the Commamoor channel.	
54. Extension of the Ramrajoopollem channel towards Gokaram.	
56. Irrigation Channels in the Davaracottah Zemindary lands.	
Cheyar Anicut.	
58. Widening and deepening the branch channel from the main channel of the Cheyar.	
Lower Coleroon Works.	
62. Taking up and re-laying the apron of the south branch of the lower Coleroon Anicut.	
63. *Streevigoontum Anicut Project.*	

IX.—*Works connected with the Godwery and Kistna Canals, Cheyar Anicut, Lower Coleroon works and Streevigoontum Anicut. Items* 48—51, 54, 56, 58, 62, 63.—There being no estimates for these works, orders cannot be passed as to the source from whence funds for them should be provided.—*Vide* Rule VI. of Public Works Department Circular No. 94 of 1867.

X.—*Item* 55. *Improvements to Eastern embankment of the Kistna, Rs* 56,910.—Information as to the object and scope of this work and its remunerative character is required before it can be sanctioned.

XI.—*Chembrambaukum Tank, Rs.* 3,55,435, *No.* 57.—It is understood that an important modification of this project is necessary, owing to errors in the preparation of the original scheme. Pending further information on the revision of the project, orders on this item are deferred.

4. With reference to the projects for irrigation channels subsidiary to main canals now sanctioned to be classed as "Extraordinary," I am directed to forward extracts of correspondence with the Government, North-Western Provinces, relative to the mode of procedure to be followed in applying for grants for such works, and to suggest that it may, in future, be followed by the Government of Madras.

5. The Governor General in Council also wishes to take this occasion of stating that, in making assignments of funds from the extraordinary grant, the Government of India must require perfectly specific evidence that the conditions named in the rules that have been laid down on the subject, have been complied with, particularly that which relates to the remunerative character of works.

6. The sanction accorded in this letter has been registered in the books of this Office as 7 A.—I. of 1868-69.

Extract paragraph 2 from a letter, No. 98 A. I., dated 13th July 1868, *from Government of India, to Government of North-Western Provinces, Public Works Department.*

From the detail given in this Statement B, it would appear that estimates for land for Rajbuhas are not included in the estimates for the Rajbuhas themselves, as required by paragraph 24, Section I, Chapter XII of the Code. I am, therefore, to request that this course may be followed for the future, and that in submitting applications to the Government of India for appropriations from the Extraordinary Grant for Rajbuhas, the mileage of each may be stated in juxta position to the total amount of the estimate, which must *include land* so as to admit of a test being applied to the reasonableness of the charge.

Extract paragraph 2 from a letter No. 102 A. I., dated 18th July 1868, *from the Government of India, to the Government of the North-Western Provinces, Public Works Department.*

Provisional sanction is also accorded to the expenditure on Rajabuhas on the Ganges Canal being classed as Extraordinary to admit of expenditure being incurred on them. But I am at the same time to say that it is requisite that the details of the proposed expenditure should be reported to the Government of India, and I am therefore to request that they may be furnished in such convenient form as the Government North-Western Provinces may consider best suited to meet the requirements of the Government of India.

Extract paragraph 2 from a letter No. 739 I., dated 17th August 1868, *from the Government of the North-Western Provinces, to the Government of India, Public Works Department.*

With reference to your second paragraph, according provisional sanction to the expenditure on Rajbuhas being classed as "Extraordinary," but requiring details of proposed outlay to be reported "in such convenient form as the Government North-Western Provinces may consider best suited to meet the requirements of the Government of India," I am to observe that a carefully compiled return, prepared at the end of each Financial year, showing in detail appropriations made and the objects upon which expenditure has been incurred in each Canal division, appears best calculated to attain the desired object.

Extract paragraph 2 from a letter No. 138 A. I., dated 8th September 1868, *from the Government of India, to the Government of the North-Western Provinces, Public Works Department.*

With reference to the procedure to be followed in the appropriation of loan funds for the construction of Rajbuhas, I am to say that the requirements of the case will be sufficiently met if the Local Government when sanctioning an estimate for a Rajbuha reports the particulars of the same

to the Government of India, not for confirmation, but only for information, and to admit of the Government of India interposing, if necessary. In this report, information should be furnished of the locality for which the Rajbuha is needed, and the part of the canal from which it will be taken; its length; its total cost, and cost per mile. In addition to this special report, a statement, as proposed by the Lieutenant Governor, should be submitted at the end of the official year, showing the details of the whole of the expenditure incurred during the year on Rajbuhas. Subject to these conditions the Government North-Western Provinces may, *after estimates on exact designs have been duly sanctioned for them by competent authority*, appropriate funds for the construction of Rajbuhas within the limits of the Budget grant assigned for the purpose.

No. 257. ORDER THEREON, 12th October 1868, No. 3,215.

IRRIGATION, No. 12.

1. Communicated to the Chief Engineer for Irrigation who will be requested, in communication with the Superintending Engineers concerned, to report fully on the various points noticed by the Government of India.

2. The Superintending Engineers of the 1st, 2nd, 4th, and 6th Divisions will take steps for expediting the submission of the necessary plans and estimates for the works referred to in Clause IX of paragraph 3 of Colonel Dickens' letter.

3. Colonel Boileau will also be requested to hasten the preparation of the revised estimates for the Chembrumbakum Tank project, called for in G. O., of the 30th June 1868, No. 2,072.

(True Extract.)

Colonel, R. E.,
Secretary to Government.

To the Superintending Engineers.
,, Controller of Public Works Accounts.
,, Chief Engineer for Irrigation.
,, Accountant General.
,, Revenue Department.

Exd. S. T. Augustin.

Revenue Dept.
Proc of Govt for October
No. 3255.

351-352

Govt. of {1868} Madras.

PUBLIC WROKS.

To

THE SUPERINTENDING ENGINEERS.

&c, &c, &c.

Dated October, 12th.

Rcod. 16th —

Ans.

G.O. 12th October 1868, No. 3,215.

OCTOBER.

Nos. 256-257

No 351 & 352

No 2688-29 Octr.

Irrigation Works.—Passing orders on the letter from the Government of India sanctioning certain — to be classed under "Extraordinary."

With Order