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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W. D.

DEPARTMENT

G.O. No.	1390 (W)	Press.
B.P. No.		Mis.
Dated	18-3-1878.	197

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Not to be folded or roughly handled

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

18th March 1878, No. 1,390 W.

General.
Establishment.

Read the following papers :—
No. 261.

No. 7 E.W.

MEMORANDUM.

MANY pressing demands upon the time of the undersigned may delay considerably the submission to Government of the Notes of Inspection of the works visited during the last three months. It is desired therefore to bring specially to the notice of Government the valuable services of Lieutenant A.R.F. Dorward, R.E., Assistant Engineer, 1st Grade, who has since the beginning of 1875 been in charge of the Western Delta of the Godavery, and to solicit such an acknowledgment of those services as Government may think fit to make.

2. Lieutenant Dorward, at a time when he was comparatively a junior officer, was specially selected to assume charge of the Western Delta on the departure of the Executive Engineer, Mr. Walch, on furlough. It was from a knowledge of Lieutenant Dorward's efficiency as Assistant to Mr. Walch that the selection was made, and succeeding as he did to an officer whose management of this part of the Delta had been eminently successful, it would not have been surprising had the high standard then reached not been fully maintained. Such, however, has not been the case, and both as an engineer engaged in carrying out very important works, and as a canal officer charged with the management of great public and private interests, Lieutenant Dorward has succeeded beyond even what might have been reasonably expected from his antecedents.

3. It is not necessary here to do more than refer to the excellent way in which the remodelling of several principal canals, and the construction of several locks and lock weirs with other masonry works has been carried out. The goodness of the arrangements made in respect of the former is to be seen in the rapid extension of irrigation, and of the masonry works, all that need be said is that the Irrigation Department, high as has been the standard aimed at, wants nothing better, while the cost has not only been most reasonable, but no greater than that of very inferior work, inferior in appearance and adaptation, for happily the stone and lime available are so excellent that strong work has been obtained from the first executed prior to the last 6 or 7 years.

4. The extension of the area irrigated and the consequent increase of revenue have been remarkable, and these results are to a material extent due to good management. The introduction of alterations in the sources of supply, and of the details of distribution which were a necessary consequence of material alteration of water-levels in the old channels, and of improvements in drainage and other arrangements, demands skill and patience. In Proceedings, Madras Government, No. 596 I, dated 13th December 1877, there is a report by Lieutenant Dorward of the results up to 1875-76 so far as known to him in September 1876, and since then the statement furnished annually by the Board of Revenue for that year has been received. The earliest year for which particulars are available is 1871-72, and for that and subsequent years up to 1875-76 the following are the areas, &c. :—

Proceedings, Madras Govern- ment.	Years.	WESTERN DELTA.		CENTRAL DELTA.		EASTERN DELTA.		WHOLE DELTA.	
		Area.	Water- tax.	Area.	Water- tax.	Area.	Water- tax.	Area.	Water- tax.
No. 3,219, 13th November 1874.	1871-72	227,116	6,87,812	88,273	2,86,558	144,040	4,55,137	459,429	14,29,507
" 3,178, 27th July 1875.	1872-73	276,845	7,48,511	99,294	3,22,974	140,543	4,41,177	516,682	15,12,772
" 3,217, 29th November 1876.	1873-74	270,885	7,02,799	99,813	3,30,169	145,954	4,52,554	516,652	15,35,520
" 3,141, 27th "	1874-75	278,019	7,48,064	97,845	3,19,398	137,264	4,33,921	513,128	15,32,091
	1875-76	284,947	8,00,121	98,102	3,22,475	156,356	4,56,310	539,405	15,34,909

It will be seen that since 1871-72 up to 1875-76 the area of irrigation in the Western Delta was extended by 57,828 acres, and the increase of revenue was Rupees 1,13,312. Lieutenant Dorward, however, succeeded to the charge of the Delta early in 1875, and so far as these accounts extend the increase, for which he is entitled to the chief credit, is the difference between the last two years or

Acres 6,897
Rupees 12,460

The undersigned however was informed that in the current year the area of irrigation has actually exceeded the ultimate area of 296,000 acres for which the canals as remodelled were designed, and that upwards of 300,000 acres have been irrigated, and this too in a year in which the Godavery has been lower than in any year for which there is a record. Such results are not only very satisfactory, but indicate really good management, and appear to fully justify the special recommendation made in this memorandum.

It may be added that but for the large area which has been irrigated in the Baharavalli and Nidadavole Zemindaries free of charge, as already brought to the notice of Government, the financial results of the extension of irrigation in this Delta would have been much greater than they at present are.

Fort St. George,
29th February 1878.

(Signed) JOHN MULLINS, Lt.-Col., R.E.,
Chief Engineer for Irrigation.

To the Chief Engineer, Public Works Department.

No. 261-A. From the Chief Engineer for Irrigation, dated 20th Feb. 1878, No. 8 E.W.

No. 261-B. Memo. by the Chief Engr., P.W.D., dated 28th February 1878.

No. 262. ORDER THEREON, 18th March 1878, No. 1,390 W.

HIS GRACE the Governor in Council is not prepared to adopt the system of exceptional promotion recommended by the Chief Engineer for Irrigation.

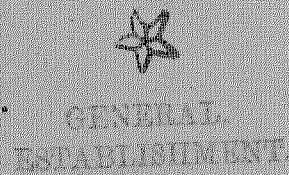
2. HIS GRACE the Governor in Council is however glad to record his high appreciation of the excellent work done by Lieutenant Dorward, R.E., on the Godavery Canals, and that officer may be assured that his claims to advancement will not be overlooked by Government.

(True Extract.)

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

To the District Engineer, Godavery.
Chief Engineer for Irrigation.

Ed. E. U. Shunkar.
Spare Copies



Govt. of (1878) Madras.
PUBLIC WORKS.

THE DISTRICT ENGINEER,
GODAVERY.

Dated March 1878.

Signed

Recd.

Encl.

G. O., 191A Madras 1878, No. 1390 W.

MARCH

Nos. 231-232.

Lieutenant Doward, A.E.—Records with high appreciation the excellent work done by him on the Godavery Canals, and that others assured that his claims to advancement will not be overlooked by Government.

Irrigation

No. 7-E. IV.

Memorandum.

Many pressing demands upon the time of the undersigned may delay considerably the submission to Government of the Notes of Inspection of the works visited during the last 3 months. It is desired therefore to bring specially to the notice of Government the valuable services of Lieut. A. R. F. Doward R. E., Assistant Engineer 1st grade, who has since the beginning of 1875 been in charge of the Western Delta of the Godavery, and to solicit such an acknowledgment of those services as Government may think fit to make.

2. Lieut. Doward at a time when he was comparatively a junior officer was specially selected to assume charge of the Western Delta on the departure of the Executive Engineer, Mr. Walch, on furlough. It was from a knowledge of

of Mr. Dorward's efficiency as Assistant to Mr. Walsh that the selection was made, and succeeding as he did to an officer whose management of this part of the Delta had been eminently successful, it would not have been surprising had the high standard then reached not been fully maintained. Such however has not been the case, and both as an Engineer engaged in carrying out very important works, and as a canal officer charged with the management of great public and private interests, Lieut. Dorward has succeeded beyond even what might have been reasonably expected from his antecedents.

3. It is not necessary here to do more than refer to the excellent way in which the remodelling of several principal canals, and the construction of several locks and lock weirs with other masonry works has been carried out. The goodness of the arrangements made in respect of the former is to be

seen

seen in the rapid extension of irrigation; and of the masonry works, all that need be said is that the Irrigation Department, high as has been the standard aimed at, wants nothing better, while the cost has not only been most reasonable, but no greater than that of very inferior work, inferior in appearance and adaptation, for happily the stone and lime available are so excellent that strong work has been obtained from the first executed prior to the last 6 or 7 years.

4. The extension of the area irrigated and the consequent increase of revenue have been remarkable, and these results are to a material extent due to good management. The introduction of alterations in the sources of supply, and of the details of distribution which were a necessary consequence of material alteration of water levels in the old channels, and of improvements in drainage and other arrangements

arrangements, demands skill and patience.

In Pros. Madras Govt. No. 596-I dated 13th December 1877 there is a report by Lieut. Dorward of the results up to 1875-76 so far as known to him in September 1876, and since then the statement furnished annually by the Board of Revenue for that year has been received. The earliest year for which particulars are available is 1871-72, and for that and subsequent years up to 1875-76, the following are the areas &c. -

Pros. Madras Government.	Years.	Western Delta		Central Delta		Eastern Delta		Whole Delta	
		Area	Water Tax.	Area	Water Tax.	Area	Water Tax.	Area	Water Tax.
No. 3219-13 th Nov. 1874	1871-72	227,119	687,812	85,273	286,536	144,010	455,137	456,432	14,27,485
	1872-73	276,846	748,521	99,294	323,074	149,543	441,177	516,683	15,12,772
No. 2178-27 th July 1875	1873-74	270,885	762,700	99,810	320,109	143,955	452,551	514,650	15,35,360
	1874-75	278,050	788,664	97,838	319,566	137,254	423,921	513,142	15,32,091
No. 514-I-22 nd Nov. 1877	1875-76	284,947	801,124	98,402	322,476	136,358	406,310	519,705	15,39,909

It will be seen that since 1871-72 up to 1875-76 the area of irrigation in the Western Delta was extended by 57,828 acres, and the increase

increase of Revenue was Rupees 113,312. Lieut. Dorward however succeeded to the charge of the Delta early in 1875, and so far as these accounts extend, the increase, for which he is entitled to the chief credit, is the difference between the last two years or _____ acres 6,897
Rupees 12,460

The undersigned however was informed that in the current year the area of irrigation has actually exceeded the ultimate area of 296,000 acres for which the canals as remodelled were designed, and that upwards of 300,000 acres have been irrigated, and this too in a year in which the Godavery has been lower than in any year for which there is a record. Such results are not only very satisfactory, but indicate really good management, and appear to fully justify the special recommendation made in this memorandum.

It may be added that but for the large area which has been irrigated in the Be. - harzalli

Beharalli and Nidadavole Zemindaries
free of charge, as already brought to the
notice of Government, the financial re-
sults of the extension of irrigation in this
Delta would have been much greater
than they at present are.

Memo: No 25.I.
dated 20 January
1878.

Fort St. George
20th February
1878

Wm. Lumsden Lieut. Col. R.E.
Chief Engineer for Irrigation

To,
The Chief Engineer, P. W. D.

1390
6

8018-6-73 to 1592
 13-11-74 3219.
 27-7-75 2178.
 29-11-76 3217
 4-6-77 1127
 22-11-77 5742.
 13-12-77 5969

1878

From
 The Chief Engineer for Dredging

Dr. Office memo: to 25 & 28-1-78.

Dated 20 Feb 1878.
 Dept 21

At 7 E.W.

Lieut. A. R. F. Dornward R.E. - Asst.
 Surg. Major - in charge of Western
 Delta, Godavery, — brings specially
 to the notice of Govt. the valuable services
 of — with a view that such an
 acknowledgment of those services,
 may be made as Govt may think
 fit to make.

Recd 11.8.78 R.S.P.
 Cir 28-2-78.

N^o 8-E.W.

Memorandum

In connection with the
 Memorandum N^o 7-E.W. of this date
 bringing to the special notice of
 Government the valuable services
 rendered by Lieut. A. R. F. Dornward
 in the management of the Western
 Delta, Godavery, during the last
 3 years, it may perhaps be useful
 to consider how such services may
 be recognized in this and similar
 cases. The instances requiring
 exceptional treatment are not
 as numerous as could be desired,
 but perhaps were they to receive
 marked recognition, some officers
 who have the requisite ability
 would be moved to emulation
 and if so the Public Service
 would

would surely be greatly benefited.

2. The promotion of really efficient officers over those whose efficiency is clearly below a moderate standard, is in every way desirable, and involves no difficulty, but it must be acknowledged that there is a difficulty in the way of the promotion of officers who may have distinguished themselves, so as to supersede others who are doing their work fairly well. The question is how can this difficulty be got over.

3. It has occurred to the undersigned that whenever an officer is deemed specially deserving of promotion, and no opportunity of promoting him in the ordinary course is available, he may be promoted as a supernumerary

promoted
opport

to the class or grade selected on the recorded understanding that such promotion involves only a temporary supersession of those of his seniors who are deemed eligible for promotion, and that, each of these receiving promotion he will resume his proper position, while the next step available after the promotion of the last of such senior eligible officers should be taken by the supernumerary specially promoted, and his position in the gradation list would thus be fixed.

4. In the present case, it is considered that Lt. A. R. F. Downard might be promoted from the 1st January 1878 to Executive Engineer, 4th grade, extra or supernumerary to the fixed establishment, that he may properly

properly supersede permanently

Mr. Briekwell

" Lygon

Lt. Smithers

Mr. J. M. Bell

Lt. Wiffen

while Messrs J. W. Martin

J. D. Grant

W. Hughes

J. C. Larmine

Lt. Smart

" C. C. Rawson

might resume their places above him on promotion. The illustration is taken from the latest classified list, and though it may be necessary to modify the arrangement in detail, the proposed manner of dealing with such cases will be clear.

5. The promotion of officers as extra or supernumerary will,

no doubt, require the sanction of the Government of India, but unless some other ^{and} better way of rewarding merit and showing the members of the Department that it will influence their prospects and position, can be suggested, it is thought that this circumstance should not be allowed to stand in the way.

Fort George
20th July 1878

W. L. L. L. Lt. Col. R. L.

Chief Engineer for Prison

The Chief Engineer
P. W. D.

1878

From
The Chief Engineer for Irrig.

Memoranda by the Chief Engineer for
Irrigation Nos 7 and 8 E. W. dated 20th February 1878.

FOR ORDERS.

Dated 20th Feb 1878.
Despatch No. 3

N. S. E. W.

Valuable service rendered to
Officers of the P. W. D. - Suggest
measures for recognizing, in a
marked manner, — by pro-
moting such Officers as
Super-numeraries to the class or
grade selected.

I am not in favor of
the proposed system of
Exceptional promotions,
the financial effects of
in our inflexible position of heart-burning among
cannot be overlooked. — Those officers who were, if
I assume from the Ch. Eng.
who that system
exists in the other Provinces.

In the present circumstances I
think that Col. W. proposal
if accepted of promoting as
he assumes. It is a
injustice to a large number
of deserving officers

The undersigned
believes that the adoption
of any such system of pro-
motion as that proposed
by Colonel Mullins would be
sure to cause a good deal
of heart-burning among
those officers who were, if
only for a time, thus super-
seded, and who could not
be informed that their
supercession would be tem-
porary. Moreover it is a
certainty that the Government
of

of India, whose sanction must be applied for in such cases, would not think of consenting to such a proposal.

It is true that both Messrs. Bricknell and Bell have been censured by Government. They have however been punished for their offences and to pass them over again would be unfairly to extend their punishment sine die.

2. It would be better the Chief Engineer considers to adhere to the old practice of merely recording the thanks of Government to any officer whose services are specially brought to notice by the Chief Engineer or the Chief Engineer for Irrigation. When such a record stands against

of greatly discouraged him. He is not to be taken any opportunities he might probably to have distinguished himself as much as Lt. Doward has done.

It gives Lt. D. the highest commendation for his gallant work & assure him that it will not be forgotten by Govt. Lt.

I concur
8/3 W.A.

Yes.

Common department
Mainly on ability but on
Opportunity 1/2 8/3

against the name of an officer, there is no chance of his claims for promotion, when vacancies occur, being overlooked.

3. In the present case it is observed that Lieut. Doward's service in the Department only extends to six and a half years, and the officers above him in the Department lately promoted are of far longer service. The two officers who now stand immediately above Lieutenant Doward and being Commissioned of the same date in the Royal Engineers are Lieutenant Smart R.E. and Lieutenant Rawson R.E. though well reported of have not shown such special qualifications for

At New York, N.Y. 25-3-78
Ch. Edgar for Wright with file no advancement will not
be made 25-3-78 he are looked by government.
Wright R. Wright 25-3-78 EAT 9/3

2206
2205



Dept. of (1878) Madrid.
PUBLIC WORKS

13/7/8

To Mr W. B. Goddard

Dated

Issued

Recd.

Encl.

G. C. 18 Mar 1878 No 1390 W

Res.

A. Romado RR.
Records with high appreciation
of the excellent work
done by — on the Goddard
Canals, and that Officer
assured that his claims
to a draught will not
be overlooked by him.

But no Rep.