Archives I—10,006—16-8 77.

(1) Number of pages 18

(2) Date of repair

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TAMIL NADU ARCHIVES

GOVERNMENT OF TAMIL NADU

P. W DEPARTMENT

G.O. No. 409 W — Press.
B.P. No. — Mis.

Dated 15. 2 - 1882 197 .

V. S. M

Not to be folded or roughly handled

409 W
1

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

15th February 1882, No. 409 W.

Buildings and Roads.
Civil Works.

Read the following paper :—

No. 48. From Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, Fifth Circle, to the Chief Engineer, Public Works Department, dated Chepauk, 17th December 1881, No. 478.

I HAVE the honor to submit for your approval plans and estimates as noted in the margin, amounting to Rs. 57,354, for diversions of the Buckingham Canal at the Kondaleru, at Kódúr, at the Chippaleru, and at Kunaparthy. The estimates have been prepared upon the instructions given in paragraphs 22, 25, 30 and 47 of your notes recorded in G.O., No. 284 W., dated 6th February 1880.

4 Estimates with Reports.
10 Sections.
5 Plans.

		Rs.
Diversion at Kondaleru	... ...	8,400
Do. Kódúr	... ...	7,300
Do. Chippaleru	... ...	28,054
Do. Kunaparthy	... ...	13,600
		57,354

2. As the canal approaches the Kondaleru in the 90th mile the deviation is made for a length of 388 yards, so as to enter the backwater close to the west side of the Gummaladibba village. (This is the correct name, not Gangapalliem as entered in the printed notes, paragraph 22.) A flood gate is intended to be placed here and a flood bank to be run, up and down stream, to join high ground. These items are to be included in the general estimate of the section of the canal.

3. At Kódúr the deviation is proposed for a length of 5½ furlongs of the present line of canal, and occupies a length of 1,360 yards, taking a good line across the Upputeru river—flood gates are intended to be placed hereafter on both sides of the river. A drainage cut is also provided for a length of 933 feet, to the west of the canal, at 100 mile 6 furlongs; the bottom width of this cut is made 10 feet and the channel is intended to lead the drainage to the north.

4. At the Chippaleru river the present course of traffic is for 7 furlongs through the bed of the river from 132 miles 5 furlongs to 133 miles 4 furlongs. The diversion of line commences at 131 miles 7 furlongs, from which point the canal will be taken to the west of the existing line, crossing the Chippaleru nearly at right angles and meeting the canal again after a length of 2 miles 1,256 yards. Flood gates will be provided for hereafter and flood banks.

5. It is suggested in paragraph 47 of your notes, that to divert the canal inland from the Kanuparthy bar it will suffice to make the new cut to the westward of only 3 furlongs in length, at a distance of 200 yards from the existing channel. Major Drake-Brockman now explains "that by taking the canal as proposed by the Chief Engineer the objections to the old line with regard to its irregular alignment and its interference with the low swampy ground on which tow-paths and banks could with difficulty be maintained, were greater than at first were imagined. By taking the diversion somewhat more inland a good deal of cross drainage is avoided, between C.S. 6 and C.S. 15, and the soil is much more suited for making up banks and tow-paths."

6. Hence the diversion is now proposed for a length of 1 mile ½ furlong from 190 miles 3½ furlongs to 191 miles 4 furlongs; and a flood bank to be constructed from 191 miles 7 furlongs to 193 miles 2 furlongs. Correct surveys appear not to have been made when your observations were written twenty months ago; and the survey plan now furnished shows one straight reach with an easy curve at both ends.

No. 49. ORDER THEREON, 15th February 1882, No. 409 W.

THE undermentioned estimates in connection with the Buckingham Canal are sanctioned:—

		Amount of Estimate.	Register Number.
		RS.	NO.
Diversion of Canal	at Kondaleru	8,400	126/1 W. of 1881-82
Do.	at Kódúr	7,300	126/2 W. of „
Do.	at Chippaleru	28,054	126/3 W. of „
Do.	at Kunaparthy	13,600	126/4 W. of „
	Total ...	57,354	

2. This sanction has been registered as Provincial No. $\frac{126}{1,2,3,4}$ W. of 1881-82, and classified as 33, Irrigation and Navigation, Works for which Capital and Revenue Accounts are kept, Capital, Works.

(True Extract.)

(Signed) R. H. SANKEY, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Superintending Engineer, Fifth Circle, with twelve enclosures.
„ Chief Engineer for Irrigation.
„ Examiner of Public Works Accounts, with four duplicate Abstract Estimates.
„ Board of Revenue.

Exd. S. T. Austin.
Spare Copies

409W
2

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of {1882} Madras.

PUBLIC WORKS.

To

THE SUPERINTENDING ENGINEER,
FIFTH CIRCLE,
&c, &c, &c.

Dated February, 1882.

Issued

Read.

Encl.

G.O., 154 February 1882, No. 409 W.

FEBRUARY.
Nos. 48-49.

Diversion of the Buckingham Canal at certain places.—Estimates amounting to Rs. 57,354 for the — sanctioned.

P. W. DEPARTMENT—1881-82.

~~MEMORANDUM.~~

409 W

Current No. 7486

Letter Number 478

dated the 17th December 1881

from the Supg. Engineer of 5th Circle

Note of Remarks.

Estimate provides for diversions of the Bucking-: ham Canal for the following works.

Diversion at Kondaleru Rs. 8,400--
— Do — at Kodoor — " 7,300--
— Do — at Chippaleru " 28,054--
— Do — at Kunaparthy " 13,600--

Total Rs. 57,354-

The Estimates have been prepared in accor-: dance with the instruc-: tions given in paras 22, 25, 30 & 47 of G.O. No. 284 W dated 6th February 1880.

The rates agree with the Distt. Schedule.

Dft
28/12/81.

P. W. Secretariat.

C. No. 7484

409.W

Note by Budget Section.

Work	Remarks and References.
Buckingham Canal	
Division at Kondalam Rs. 8400	
Do at Kodur - 7300	
Do at Chippalam 28054	
Do at Veeraparthy 13600	
Rs. 57354	
Fund Provincial Services (~~Imperial~~) 33 Irrigation & Navigation)	
~~Service~~ Head Works for which Capital & Rev. Accts are kept	
Departmental Head "Capital" "Works"	
Amount of estimate ... ... Rs. 57,354	
Expenditure in previous year ... ... " -	
Allotment in current year ... ... " -	
Balance required to complete ... ... " 57,354	
Total Rs... 57,354	

Note of available funds.

Funds probably to be met from the Budget grant for the Buckingham Canal for 1881-82.

Budget Clerk.

Note by Budget Section.

No. 478. Supdg. Engr. Officer 5 Circle
Chepauk 17th December 1881.

From

Coll. S. L. Steuart R.E.
Superintending Engineer
5 Circle

To The Chief Engineer
P.W.D.

Sir

Encl. 19.
1 Estimate with reports.
10 Sections.
5 Plans.

I have the honor to submit for your approval Plans & Estimates as noted in the margin, amounting to Rupees 57,354 for diversions of the Buckingham Canal at the Randaleru at Rodoor at the Chippaleru and at Kunaparthy. The Estimates have been prepared upon the instructions given in paras 22, 25, 30 & 47 of your Note recorded in P.W.D. No. 2842, dated 6th February 1880.

		Rs.
Divisional	Randaleru	8400
—"—	Rodoor	7300
—"—	Chippaleru	28054
—"—	Kunaparthy	13600
		57,354

2. As the Canal approaches the Randaleru in the 9th mile, the deviation is made for a length of 388 yards & goes

to enter the back-water close to the West side of the Gummaladibba Village. (This is the correct name, not Gangapalliem as entered in the printed Notes para 22) A flood gate is intended to be placed here and a flood bank to be run, up & down Stream, to join high ground. These items are to be included in the general estimate of the Section of the Canal.

3. At Kodur the deviation is proposed for a length of 5½ furlongs of the present line of Canal, and occupies a length of 1360 yards; taking a good line across the Uppuleru River — flood gates are intended to be placed hereafter, on both sides of the River. A drainage cut is also provided for a length of 933 feet, to the West of the Canal, at 100 feet 6 ft: the bottom width of this cut is made 10 feet: and the channel is intended to lead the drainage to the North.

4 At the Chippalerru River the present course of traffic is for 7 furlongs thro' the bed of the river from 132 Dr. 5 ft. to 133 Dr. 4 ft. The diversion of line commences at 131 Dr. 7 ft. from which point the Canal will be taken to the West of the existing line, crossing the Chippalerru nearly at right angles and meeting the Canal again after a length of 2 miles 1256 yards. Flood gates will be provided for, hereafter and flood banks.

5 It is suggested in para 47 of your Notes, that to divert the Canal inland from the Kamparti bar, it will suffice to make the new cut to the Westward of only three furlongs in length, at a distance of 200 yards from the existing Channel. Major Drake-Brockman now explains that by taking the Canal, as proposed by the Chief Engineer, the objections to the old line with regard to its irregular alignment and its interference with the low swampy

Swampy ground on which tow paths & banks could with difficulty be maintained, were greater than at first were imagined. By taking the diversion somewhat more inland, a good deal of cross drainage is avoided, between 6 M. 6 & 6 M. 15, and the soil is much more suited for making up banks and tow paths."

6. Hence the diversion is now proposed for a length of 1 mile ½ furlong from 190 M 32 f to 191 M 4 f & a flood bank to be constructed from 191 M 7 f to 193 M 2 f. Correct Surveys appear not to have been made when your observations were written 20 months ago; and the Survey plan now furnished shews one straight reach with an easy curve at both ends.

I have the honor to be
Sir
Your Most obedt Servt
Wm Sunderland Lt Col R.E.

Superintg Engineer 5th Circle

G.O. No. 224, May 6. 82

No. 478.

From

The Superintg Engr.
5th Circle

Dated 17th December 1881.
Recd

Estimates.

Forwards for approval Plans & Estimates for diversions of the Buckingham Canal at the Kondaleru Kodur, Chippalem and Kunapareddy.

Dirn. 13/2

Sent separately in the case for Cir.

No. 409 W.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 15th Feby 1882

Read the following :—

409 W

From the Supdg E. 5 Circle H.S. No. 478 dy. 17 Dec. 81.

The undermentioned estimates in connection with the Buckingham Canal are sanctioned :—

		Amount of Estimate	Register Number
Diversion of Canal at	Kondaleru	Rs 8,400	No 126/1 W of 1881-82
do	Kodur	7,300	" 126/2 "
do	Chippalem	28,054	" 126/3 "
do	Kunapareddy	13,600	" 126/4 "
	Total Rupees	57,354	

2. This sanction has been registered as Provisional No 126/1,2,3,4 W of 1881-82, and classified as 33. Irrigation and navigation, Works for which Capital and Rev. Accounts are kept, Capital, Works.

7.1.82

13/2/82

(timeline)
S.E. 5th Circle with 10 enclosures
Ch. Engr for I.
Ear P.W.D. with 4 duplicates abstracts
Board of Revenue
despd: 27.2.82

7484.

Govt. of {1882} Madras.

PUBLIC WORKS.

To

Dated 16/2/82

Issued

Recd. Encl.

G. O. 15th July 1882, No. 4094

Nos.

Diversion of the Vanthipalaw Canal at certain places.

Estimate amty Rs 37354 for the — sanctioned.