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MADRAS RECORD OFFICE.

Government of Madras.

Public Works DEPARTMENT.

G.O. No. 471 Press / Mis.

283-284.

Dated 18-3- 1862

Not to be folded or roughly handled

Proceedings of the Madras Government, Public Works Department, 18th March 1862.

No. 283. Read the following letter from Lieutenant-Colonel J. OUCHTERLONY, Acting Deputy Chief Engineer, Northern Circle, to Lieutenant-Colonel W. H. HORSLEY, Chief Engineer and Secretary to Government, Public Works Department, dated Chepauk, 18th February 1862, No. 105 :—

SIR,

Kistna District, Pulleyru Channel. Rupees 2,950.

1 Letter from Dist. Engineer, Kistna, No. 198, dated 31st January 1862.
1 Do. No. 204, dated 10th Feb. 1862.
1 Do. No. 165, dated 24th Dec. 1861, from Major Pollard.
1 Abstract Estimate Rupees 2,950.
1 Specification.
3 Plans.

1. I have the honor to submit herewith an estimate amounting to Rupees 2,950 (accompanied by a plan and the requisite documents), for constructing a new Head Sluice to the Pulleyru Channel in the Kistna Delta.

2. The object of the proposed work is to give an increased supply of water to the Canal in question, whose importance may be gathered from the fact that the area of land at present irrigated by it measures nearly 40,000 acres, yielding a revenue of about Rupees 1,20,000. It is also considered by the District Engineer that by placing it nearer the head of the Kunkipád Lock (*vide* plan) a scour would be produced which would clear away the silt which at present collects there, and interferes greatly with the free navigation of the Masulipatam Canal.

3. The Head Sluice at present existing is deficient in water-way, and as its sills are 2½ feet higher than that of the Kunkipád Lock, it favors the deposit alluded to. Lieutenant-Colonel Horsley recommended lately that the defect should be remedied by sinking the vents of the sluice to the level of the Lock; and as this appeared the most economical arrangement a reference was made to the District Engineer upon the subject.

4. That Officer, however, so emphatically objects to the alteration, as calculated to jeopardize the work, that I am disposed to defer to his opinion, as being on the spot he is better able to form a correct judgment. Major Anderson also advances another very cogent reason for establishing the new sluice as a supplemental duct to the old one, viz., the necessity of a greatly increased water way into the Pulleyru to admit of its supplying the Butter Codoo Channel instead of allowing the latter to take off from the main, or Masulipatam Canal.

5. For these reasons and looking to the future demands which are likely to be made upon the Pulleyru as cultivation extends under that channel, I am induced to recomend the estimate now submitted for sanction: the amount to be defrayed out of the allotment for the Masulipatam Canal.

No. 284. ORDER THEREON, 18th March 1862, No. 471.

As the new Head Sluice is designed with a view to provide for extended irrigation under the Pulleyru and Butter Codoo Channels beyond that which was contemplated when the present work was constructed, the Government resolve to sanction the estimate submitted with the above letter amounting to Rupees 2,950; the amount to be defrayed as suggested in paragraph 5.

(Signed) W. H. HORSLEY, Lieut.-Colonel,
Secretary to Government.

Central Office / Pubs. Work
Chepauk, 18th Feby. 1862

No 105.

From F. Colonel Beachcroft
Actg. Supy. Chief Engineer, Northern Circle

to Lt. Colonel W.A. Hartley
Chief Engineer Secretary to Govt.
P.W.D.

Sir,

I have the honor to submit herewith an Estimate amounting to ——— Rs 20,000 (accompanied by a Plan &c the requisite documents) for constructing a new Head Sluice to the Pallegra Channel in the Kistna District.

2. The object of the proposed work is to give an increased supply of water to the Canal in question, whose importance may be gathered from the fact that the area of land at present irrigated by it measures nearly 40,000 acres yielding a Revenue of about — Rs 1,20,000. It is also considered by the District Engineer that by placing it nearer the head of the Kunkipad lock (vide Plan) a Scour would be produced which would clear away the silt which at present collects there, interfers greatly with the free navigation of the Buckingham Canal

3. The Head Sluice at present existing is sufficient in water way, but its sills are 2½ feet higher than that at the head of the Kunkipad lock, it

3

Kistnah District
Pallegra Channel
Rs 20,000

favor the deposit alluded to. Lt. Colonel Hartley recommended lately that the defect should be remedied by sinking the vent of the Sluice to the level of the Lock; but this appeared the most economical arrangement a reference was made to the District Engineer upon the subject.

4. That Officer however emphatically objects to the alteration, as calculated to jeopardize the work, that I am disposed to defer to his opinion, as, being on the spot he is better able to form a correct judgment. Major Anderson also assumes another very cogent reason for establishing the new Sluice as a supplemental duct to the old one, viz: the necessity of a greatly increased water way into the Pulleyrow to admit of its supplying the Butler Colvoy Channel instead of allowing the latter to take off from the main, or Masulipatam Canal.

5. For these reasons looking to the future demands which are likely to be made upon the Pulleyrow as cultivation extends under that channel, I am induced to recommend the Estimate now submitted for sanction: the amount to be defrayed out of the allotment for the Masulipatam Canal.

I have the honor to be

Sir,

Your most obt Servt

Central Office 18th Feby 1862

Electricity Lieut Colo

Ag Supt Ch Engr Sn Circle

(8)

P.W. 1862 No. 471

Engr Cent. for March

from No. 1465.

The Dy Chief Engr

Northern Circle.

to The Chief Engineer

and Secy to Govt.

Dated 18th Feby/62

Rec'd 19th

No. 105

Encl. 1 in 8 -

Estimate for Schemes

amounting to No 2950

for constructing a third

Sluice to the Pallagunna

Channel in the

Madras Delta.

No 293 & 231.

C5 Number 1112

Military Order

No 471 - 18 March.

No 471.

Sir, the new Head Sluice

is designed with a view to provide

for extended Irrigation under the

Pallegunna & Bellary Cudda Channels

beyond that which was contemplated

when the present work was constructed

the Govt. resolve to sanction the Sluice

submitted with the above letter in accordance

to Rupees 2950 - the amount to be defrayed

as suggested in para 5.

Fort St George
18th March 1862

Lieut. Col. Dy

13 Copies

&c

Dy Chief Engr Northern Circle with 8 Encls

Dispd 19th

No 87