

No: 3211 Wd/6-12-82
" " 457 Wd/20-2-84

No: 1267 Wd/21st May/84

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Per 11/5/84 19-5-84

Per
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No: 4058

PUBLIC WORKS DEPARTMENT.

1884.

Board of Revenue,

MADRAS.

5.50

Printed May th.

No 13/5/84

Proceedings, 2nd May 1884, No. 1505.

No: 1267 Wd/21-5-84
Per 13/5/84

Submitting to Government, with remarks,
letter from President, Local Fund Boards,
Ganjam, furnishing information called for in
Government Order sanctioning estimate for con-
structing a road at Gopālpur.

2 copies sent to Govt.
with order
with order

Submitted to Govt.

PROCEEDINGS OF THE BOARD OF REVENUE.

READ—the following letter from J. G. HORSFALL, Esq., President of the Local Fund Boards, Ganjam, to the Secretary to the Board of Revenue, dated Chatrapur, 4th April 1884, No. 378 :—

Referring to paragraph 2 of Government Order received with Revenue Board's Proceedings, dated 6th March, Mis. No. 2117, I have the honor to enclose a copy of the Local Fund Board's Resolution of the 31st idem, to the effect that the width of the road to be metalled may be reduced to 18 feet, the originally proposed (gross) width being secured for the road; this will save Rs. 716 in the estimate, the total cost being reduced from Rs. 5,555 to Rs. 4,839.

2. It will be easy enough to increase the width hereafter if it is found necessary, but with a police order that bandies are to pass into the town one way and out the other I do not think the necessity will arise.

3. Adverting to paragraph 3 of Government Order, I beg to refer to Revenue Board's Proceedings of the 31st August last, No. 2570, which clearly says that the operation of G.O., No. 609, of the 22nd March 1880 (which has apparently been modified by G.O., 6th December 1882, No. 3211 W., Public Works, communicated with Revenue Board's Proceedings, 12th January 1883, No. 88), is restricted to "buildings, drainage and masonry works, and generally to all works of a special or unusual character."

There being but little masonry work on the road in question, as already stated in paragraph 4 of my letter printed in the Proceedings under reply, and the work not being of unusual character, the estimates were not forwarded again to the Superintending Engineer.

RESOLUTION—dated 2nd May 1884, No. 1505.

Submitted for the information of Government with reference to G.O., dated 20th February 1884, No. 457 W.

2. With reference to paragraph 3 of his letter the President is informed that the estimate for the formation of a new road does require professional scrutiny.

3. The Local Fund Board's Resolution said to have been forwarded with the above letter has not been received.

(A true Copy and Extract.)

Wm MacLennan
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.

„ President of the Local Fund Boards, Ganjam District.

Exd. C. Howarth.

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated February, 20th.

Recd.

Encl.

G.O., 20th Feb. 1884, No. 457 W.

FEBRUARY.

Road at Gopalpur

Estimate, amounting to Rs. 5,555, for constructing a —, sanctioned.

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(A true Copy and Extract.)

G. Mackenzie
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.
,, President of the Local Fund Boards, Ganjam District.

Exd. C. Howarth.

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(Signed) G. MACKENZIE,
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.
,, President of the Local Fund Boards, Ganjam District.

Exd. C. Howarth.

P. W. D.
PUBLIC WORKS DEPARTMENT.

1884.

Board of Revenue.

MADRAS.

N^o 1267 W/P 21st May 84

Recorded.

(Signed) J.S.

Printed May 13th.

Proceedings, 2nd May 1884, No. 1505.

N^o 1267 W/P 21st May 84

S.E. I Circle

Submitting to Government, with remarks, letter from President, Local Fund Boards, Ganjam, furnishing information called for in Government Order sanctioning estimate for constructing a road at Gopálpur.

With order

BOARD OF REVENUE, 2ND MAY 1884, No. 1505.

PROCEEDINGS OF THE BOARD OF REVENUE.

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Acting Sub-Secretary.

To the Secretary to Government, Public Works Department.
,, President of the Local Fund Boards, Ganjam District.

Exd. C. Howarth.

PUBLIC WORKS DEPARTMENT.

1884.

Board of Revenue.

MADRAS.

Printed May 13th.

Proceedings, 2nd May 1884, No. 1505.

Submitting to Government, with remarks, letter from President, Local Fund Boards, Ganjam, furnishing information called for in Government Order sanctioning estimate for constructing a road at Gopálpur.

With order

6TH DECEMBER 1882, No. 3211 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Establishment.

Nos. 43 & 44.

ORDER—dated 6th December 1882, No. 3211 W., Public Works.

In Proceedings of Government in the Financial Department, No. 609, dated 22nd March 1880, it was decided that the examination of plans and estimates of such Local Fund Works as might be of too important a character to be left altogether for disposal by the Local Fund Boards should devolve upon the Chief Engineer, who would be aided by an Executive Engineer of the Public Works Department to be attached to his office.

2. All *New Works* estimated to cost Rs. 2,500 and upwards, and all *Repairs* estimated to cost upwards of Rs. 10,000, as well as such other works as might require special professional scrutiny, were required to be submitted for examination by the Chief Engineer.

3. To meet the cost of the establishment requisite for undertaking the work thus devolving on the Public Works Department, a contribution from Local Funds of Rs. 21,250 yearly was sanctioned.

4. Temporary arrangements were accordingly made by the Chief Engineer for undertaking the work, and these were sanctioned in Proceedings, No. 918 W., dated 10th April 1880.

5. The arrangements thus approved were, however, objected to by the Government of India, who considered (*vide* paragraph 5 of their letter recorded with G.O., No. 2387 W., dated 16th October 1880) "that the Madras Provincial Establishment should be so organized as to permit the Chief Engineer's Office, or the offices of Superintending Engineers of Circles, to examine all important Local Fund Projects; that for conducting these duties no special allowance should be made to any officer, but a fixed contribution sufficient to cover the services performed should be credited to the source from which such establishment is paid; and that the full contribution of Rs. 21,250 should be accepted, and the duties distributed as the Madras Government may consider desirable."

6. After some correspondence with the Government of India the principle of the proposed arrangements was agreed to, and the decision recorded in G.O., No. 1729 W., dated 14th July 1881, paragraph 10.

7. Since then the details of the scheme have been under consideration, and it has now been finally determined that the work shall be distributed between Superintending Engineers and the Chief Engineer in accordance with the principle of the Public Works Code Rules.

8. All Local Fund Projects therefore requiring in future to be scrutinized by the Public Works Department will in the first instance be sent to the Superintending Engineer of the Circle, who will be authorized to deal finally with the professional details of *New Works* estimated to cost above Rs. 2,500 and up to Rs. 5,000. Those costing above this amount will be sent forward by Superintending Engineers to the

Chief Engineer after undergoing the same examination as ordinary Public Works. All *Repair* estimates above Rs. 10,000 will be dealt with by Superintending Engineers as in the case of Public Works Repairs. Any estimate may, however, be sent on to the Chief Engineer, should either the Superintending Engineer or the Local Fund Board concerned desire the opinion of that officer.

9. To admit of these arrangements being carried into effect, it will be necessary to slightly augment the offices of Superintending Engineers and the Chief Engineer, while improving the position of the senior Clerks in the offices of the former. Extra Draftsmen on a rate of pay superior to that hitherto provided for in the Public Works Department are also allowed. It is very desirable that men of superior attainments should be encouraged to qualify for the position of Draftsmen, and it is hoped that the enhanced rate of pay now sanctioned will act as some inducement.

Should the general standard of efficiency hereafter increase, the Government will be prepared to consider the propriety of still further augmenting the scale of pay in the higher appointments open to men of this class.

10. The following increases are now sanctioned to the offices of Superintending Engineers and the Chief Engineer, Public Works Department, the cost being covered by the contribution of Rs. 21,250 from Local Funds, which the Accountant-General will, under orders in the Financial Department, arrange for bringing to account with effect from the current official year:—

Superintending Engineer's Office.

	RS.	RS.
(1.) Difference between present salary of Head Clerk and that now sanctioned, viz., between 2nd Class, 1st Grade, and 2nd Class, 3rd Grade = 180 — 110 =	70	
(2.) Difference between present salary of Second Clerk and that now sanctioned, viz., between 2nd Class, 3rd Grade, and 3rd Class, 2nd Grade = 110 — 70 =	40	
(3.) Extra Clerk, 3rd Class, 3rd Grade, Rs. 50 to 60—mean	55	
(4.) Extra Draftsman, from Rs. 80 to 100—mean	90	
Total per mensem ...	255	
Total per annum (Rs. 255 × 12) = ...	3,060	
For six Superintending Engineers (Rs. 3,060 × 6) = ...	18,360	

Chief Engineer's Office.

(1.) Extra Clerk, 3rd Class, 3rd Grade, Rs. 50 to 60—mean	55
(2.) Extra Draftsman (to supervise Technical Section) from Rs. 200 to 250—mean	225
Total per mensem ...	280
Total per annum (Rs. 280 × 12) = ...	3,360
Total of Chief Engineer's and Superintending Engineer's Offices ...	21,720

(True Extract.)

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

To Superintending Engineers.
To the Examiner, Public Works Accounts.
,, Financial Department.

Exd. W. J. Lewis.
Spare Copies

GENERAL.
ESTABLISHMENT.

Gobt. of {1883} Madras.

PUBLIC WORKS.

Dated December, 6th.

Recd.

Encl.

G.O., 6th Dec. 1882, No. 3211 W.

DECEMBER.

Local Fund Works

Plans and estimates for — to be scrutinized by the Chief and Superintending Engineers, and increases to their office establishment sanctioned.

20TH FEBRUARY 1884, No. 457 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

Buildings and Roads.
Civil Works.

READ—the following papers :—

Proceedings of the Board of Revenue, dated 23rd November 1883, Mis. No. 9797.

Read—the following letter from J. G. HORSFALL, Esq., President of the Local Fund Boards, Ganjam, to the Secretary to the Board of Revenue, dated 20th October 1883, No. 1173 :—

I have the honor to submit the marginally noted plans and estimates, amounting

1. Estimate for Rs. 5,000, together with specification report, for the proposed road.
2. Estimate for Rs. 250, for a tunnel with specification.
3. Plans for tunnel.
4. Estimate for Rs. 150, for a tunnel, with specification.
5. Estimate for Rs. 150, for a tunnel, with specification.
6. Estimate for Rs. 60, for a slab drain, with specification report.
7. Plan of slab drain.
8. Survey plan of the road.
9. Longitudinal and cross sections of the road.

to Rs. 5,460, for making a new road with tunnels, &c., at Gopálpur, running south of the telegraph office, to meet the present road between the backwater and Nalum Bheemayyah's godown, and from the Local Fund compound to the back of Mr. Minchin's compound, to join the main road.

2. This road is indispensably necessary, as the only road at Gopálpur leading to the port is inadequate to meet the requirements of the daily increasing traffic, of which, to a great extent, Gopálpur forms the terminus. The existing road is insufficient for the traffic and is constantly blocked in consequence.

3. Rupees 4,000 are provided for the proposed road in the budget for next year.

4. As little or no masonry work will be done on this road, the estimates have not been submitted through the Superintending Engineer.

Resolution—dated 23rd November 1883, Mis. No. 9797.

The plans and estimates, amounting to Rs. 5,460, for constructing a road at Gopálpur, are submitted for the sanction of Government.

(True Copy and Extract.)

(Signed) G. MACKENZIE,
Acting Sub-Secretary.

To the Secretary to Government, Public Works Department,
with fourteen enclosures.

No. 2381 C., Public Works.

Forwarded to the Superintending Engineer, I Circle, for the usual scrutiny.

(By Order.)

CHEPÁK,
1st December 1883.

(Signed) C. BOWEN, Major, R.E.,
Dy. Chief Engineer, P.W.D.

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the Chief Engineer, Public Works Department, dated Camp Bobbili, 22nd January 1884, No. 458 G.N.

With reference to your No. 2381 C., dated 1st December 1883, and enclosures (all herewith returned), I have the honor to return, herewith, the estimate (Rs. 5,000) for the proposed new road at Gopálpur, duly examined, corrected and countersigned.

2. I may mention that the proposal once before came before me, and was returned to the Ganjam Local Fund Board with my No. 138, dated 5th July 1883, copy of which is enclosed, and it would have saved some time if this revised proposal had been sent direct to me.

3. I also enclose revised plans and estimates for the three culverts proposed to be built on the proposed road, the combined estimates* for which amount to Rs. 555 instead of Rs. 460, as in the estimates received. The whole revised estimate for the road is therefore Rs. 5,555 instead of Rs. 5,460.

* For 2 vent culvert	..	...	...	RS.	290
„ 1 „	„	...	...	155	
„ 1 slab	„	...	...	110	

ENCLOSURE.

From G. T. WALCH, Esq., Officiating Superintending Engineer, I Circle, to the President of the Local Fund Boards, Ganjam, dated Dowlaishweram, 5th July 1883, No. 138 G.N.

With reference to your No. 639, dated 13th June 1883, which did not reach me till 25th ultimo, and its accompaniments, which did not reach me till to-day (all herewith returned), I have the honor to state that, as the formation levels of the intended road have not been given on the sections, it is simply impossible to check the estimate.

2. I notice that in the specification it is said that the steepest gradient is to be 1 in 20. This is certainly too steep for such a road, traversed by many heavily laden carts, and I strongly recommend you, even though it may necessitate extra cost at first, to make 1 in 30 your limiting gradient.

3. On the lines for the road on the survey plan their lengths and bearings should be given.

ORDER—dated 20th February 1884, No. 457 W., Public Works.

The estimate, amounting to Rs. 5,555, for constructing a road at Gopálpur, in the Ganjam district, is sanctioned.

2. The Local Fund Board should, however, be requested to reconsider the necessity for metalling the new line to a width of twenty-four feet, with twelve and nine inches of metal, and spreading six inches of gravel over the whole.

3. The attention of the President of the Local Fund Board should also be called to the instructions contained in paragraph 8 of G.O., No. 3211 W., dated 6th December 1882.

4. This sanction has been registered as Local No. 54 W. of 1883-84.

(True Extract.)

(Signed) J. SHAW-STEWART, Colonel, R.E.,
Secretary to Govt., P.W.D.

To the Board of Revenue, with twenty-four enclosures.
„ Superintending Engineer, I Circle.
„ Financial Department.

Exd. E. Fernandez.
Spare Copies

BUILDINGS AND ROADS.
CIVIL WORKS.

Govt. of (1884) Madras.

PUBLIC WORKS.

Dated February, 20th.

Recd.

Encl.

G.O., 20th Feb. 1884, No. 457 W.

FEBRUARY.

Road at Gopalpur

Estimate, amounting to Rs. 5,555, for
constructing a —, sanctioned.