

No. 2231 W of 11th September 1884

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Gobt. of 1884 Madras.
PENSION.

(2)
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Issued
Recd. 3/9/84 Encl.

G.O., 25th August 1884, No. 811.

No. 2231 W of 11th September 1884

AUGUST.

Pension.

Granting an invalid — of Rs. 3-8-0 per mensem to A. Chinaramanna, late messenger, Divisional office, Godavari district.

with order

ms. 31/9
9.8.84 10.9.84
11.9.84 11.9.84

25TH AUGUST 1884, No. 811, PENSION.

GOVERNMENT OF MADRAS.

PENSION DEPARTMENT.

READ—the following papers :—

From the Superintending Engineer, I Circle, dated 29th May 1884, No. 585-G.D.

Certificate and report from D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Acting Under Secretary to Government, Pension department, dated Madras, 13th August 1884, No. 841-A-R.

Certified that, should Government be pleased to treat the applicant's services from 1st January 1848 to 31st August 1866 as qualifying inferior service on the strength of the applicant's affidavit, statement of a contemporary servant, four original certificates of character, and on the specific opinion of the head of the office that "the whole service has been established and should be admitted," qualifying service in inferior grades will amount to about 36 years 1 month and 6 days, and that an invalid pension not exceeding Rs. (3-8-0) three and annas eight, equal to half pay at Rs. 7 per mensem, will be admissible from date of the receipt of the Government Order sanctioning the pension, or from date of relief under sections 106, 109, and 121 (b) of the Civil Pension Code (6th edition).

2. The calculations have been duly verified. The invalid pension, if sanctioned, is chargeable to General (now Provincial) Revenues.

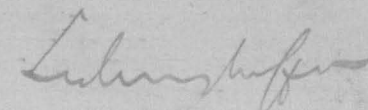
3. With reference to section 134, rule 4, attention is invited to section 69 of the Civil Pension Code (6th edition).

ORDER—dated 25th August 1884, No. 811, Pension.

Under sections 106 and 121 (b) of the Civil Pension Code (6th edition), the Right Honorable the Governor in Council is pleased to grant to Adapa Chinaramanna, late messenger, Divisional office, Godavari district, an invalid pension of Rs. (3-8-0) three and annas eight per mensem, payable at Tanuku, from the date of receipt of this order, in consideration of his qualifying inferior service of 36 years 1 month and 6 days.

2. The retention of the applicant in service after the date of medical certificate of unfitness has been sanctioned under section 109, rule 1 of the above code.

(True Extract.)



Ag. Under Secy. to Govt.

To the Accountant-General, with register.
" Examiner of Public Works Accounts.
" Public Works department.
" Superintending Engineer, I Circle.
" Collector of Godavari.

Exd. C. Howarth.

11/10/94

25TH AUGUST 1884, No. 813, PENSION.

GOVERNMENT OF MADRAS.

PENSION DEPARTMENT.

READ—the following papers:—

From the Superintending Engineer, IV Circle, dated 14th May 1884, No. 128, Ex. E.

Certificate and report from D. C. GORDON, Esq., Examiner of Public Works Accounts, to the Acting Under Secretary to Government, Pension department, dated Madras, 8th August 1884, No. 840-A.R.

Certified that, should Government be pleased to treat the entire period of the applicant's services as qualifying inferior service on the strength of the applicant's affidavit, statements of contemporary servants, and on the specific opinion of the head of the office that "the service claimed is established and should be admitted," qualifying service in inferior grades will amount to 12 years 6 months and 16 days, and that an invalid gratuity, not exceeding Rs. 20 (twenty), equal to four months' pay at Rs. 5 per mensem, will be admissible under sections 106 and 121 (a) of the Civil Pension Code (6th edition).

2. The applicant's qualifying service began after the 20th January 1871 and after he attained the age of 25 years, and should Government consider, with reference to section 113 (c) note and section 115 of the Civil Pension Code, that his incapacity was due to old age or natural decay from advancing years, he will only be entitled to a gratuity of Rs. 8.

3. The calculations have been duly verified. The invalid gratuity, if sanctioned, is chargeable to general (now provincial) revenues.

4. With reference to section 134, rule 4, attention is invited to section 69 of the Civil Pension Code, 6th edition.

ORDER—dated 25th August 1884, No. 813, Pension.

Under sections 106, 121 (a), and rule 4 under section 121 of the Civil Pension Code (6th edition), the Right Honorable the Governor in Council is pleased to grant to Pillanji Muniyappen, late lascar, conservancy establishment, Public Works department, North Arcot division, an invalid gratuity of Rs. 8 (eight), equal to four months' pay multiplied by the fraction $\frac{1}{4}$ payable at Wandiwash taluk, North Arcot district, in consideration of his qualifying inferior service of 12 years 6 months and 16 days.

(True Extract.)

L. H. Under Secy. to Govt.
Ag. Under Secy. to Govt.

To the Accountant-General, with register.
" Examiner of Public Works Accounts.
" Public Works department.
" Superintending Engineer, IV Circle.
" Collector of North Arcot.

Exd. T. O'Connor.

in New South Wales, the documents specified in the accompanying list, and to express the hope of H.E. in Council that the information will prove of value.

The documents are accompanied by an explanatory note, drawn up by Mr. A. S. Russell, Under Secretary in the Emigration Branch of the P.W. Dept.

See also note & list 12/9/84

See also note & list 21/9/84

Books sent separately by post. in 1876.

*No. 22395 of 11 Sept 84
Hawthorn 80 158 W
9 19.1.85*

25TH AUGUST 1884, No. 813, PENSION.

GOVERNMENT OF MADRAS.
PENSION DEPARTMENT.

READ—the following papers:—

From the Superintending Engineer, IV Circle, dated 14th May 1884, No. 128, Ex. E.

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3. The calculations have been duly verified. The invalid gratuity, if sanctioned, is chargeable to general (now provincial) revenues.

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ORDER—dated 25th August 1884, No. 813, Pension.

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(True Extract.)

L. H. Under Secy. to Govt.
Ag. Under Secy. to Govt.

To the Accountant-General, with register.
" Examiner of Public Works Accounts.
" Public Works department.
" Superintending Engineer, IV Circle.
" Collector of North Arcot.

Exd. T. O'Connor.

No. 447 N.

Superintending Engineer's Office,
2nd Circle, Masulipatam.
23rd August 1884.

From

The Superintending Engineer,
2nd Circle.

To

The Chief Engineer,
Public Works Department.
Madras.

Sir,

I have the honor to inform you, that the Kellore Division Officer has applied for an allotment of Rs 1,300 to meet the outlay on Kota Sub Magistrate's Cachiri, which is an incomplete Major work of the last year. The Division Officer did not provide funds in the current year's Budget, on the supposition, that the work could be completed in the current year with an outlay, not exceeding Rs 500, but it was subsequently found that an anticipated saving on the Estimate was not realised.

2. I request you will be good enough to allot, if possible, the money.

required, viz, Rs 1300 from the reserve with
Government.

I have the honor to be,
Sir,
Your most Obedt Servant.

J. W. Randall
Superintending Engineer,
2nd Circle.

Compd

Mhs 7244

From
The Superintending Engineer
2nd Circle

To The Chief Engineer
P. W. D.
Madras

Dated 23^d August 1884.

Despd 25th do

Recd 29th Sept 84
No 2250W of 12th Sept 84
No 447 N.

Kotah, Nellore District -
Sub Magistrate's Cutcherryat -
Request to allot, under the cir-
-cumstances reported, Rs 1300 from
the reserve with Govt. to meet
the outlay on -

11/13/9

0. 4. 9. 84. 2. 11. 9. 84.

PUBLIC WORKS DEPARTMENT.

No 2250W

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the 12th Sept 84

READ the following

From the Suptg. Engineer II Circle - H. E. No. 447 N. L. of 23rd August 1884.

A sum of Rs 1,300 is allot-
ted from the Provincial reserve
with Govt., for the Sub Magistrate's
Cutcherry at Kotah in the Nellore
District

W.
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W.
9. 9. 84

To The Suptg. Engineer II Circle
" Examiner P. W. Accts.

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12/11/84
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0. 5. 9. 84. 2. 11. 9. 84.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Gobt. of (1884) Madras.

PUBLIC WORKS.

Dated September, 12th.

Recd.

Encl.

G.O., 12th Sept. 1884, No. 2242 W.

SEPTEMBER.

Public Works Workshops and
Stores Division

Declining to entertain the recommendation of the Superintending Engineer, V Circle, that the — at the Presidency may be left as hitherto independent of his control.

9TH FEBRUARY 1884, No. 360 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following papers :—

G.O., No. 3081 W., dated 12th December 1881.
Memorandum No. 220, dated 26th January 1882.
G.O., No. 2064 W., dated 12th August 1882.
Memorandum No. 628 E., dated 24th August 1882.
G.O., No. 2434 W., dated 19th September 1882.
" " 2488 W., " 25th " "
" " 2489 W., " 25th " "
" " 3183 W., " 4th December "
" " 250-51 C., " 23rd January 1883.
Memorandum No. 567, dated 9th March 1883.
G.O., No. 922 W., dated 21st March 1883.
From Superintending Engineer, I Circle, No. 3107 G.D., dated 21st March 1883.
From " " II " " 3 G.L., " 4th April "
From " " III " " 154, dated 13th April 1883. "
From " " IV " " 139 " 5th " "
From " " V " " 54 " 4th " "
From " " VI " " 172 T.J., dated 24th April 1883.
From the Consulting Architect to Government, No. 29, dated 9th April 1883.
Memorandum No. 1041 C., dated 31st May 1883.
From the General Superintendent, Public Works Workshops, No. 320 W., dated 8th June 1883.
Memorandum No. 1538 C., dated 15th August 1883.
From the General Superintendent, Public Works Workshops, No. 632 W., dated 20th August 1883.
From Messrs. Massey and Co., dated 31st August 1883.
From the Consulting Architect to Government, No. 679, dated 13th September 1883.
Office note from the General Superintendent, Public Works Workshops, No. 804 W., dated 9th October 1883.
Office note from the General Superintendent, Public Works Workshops, No. 867 W., dated 31st October 1883.
From Messrs. P. Orr and Sons, Madras, dated 29th March 1883.
Memorandum No. 716 C., dated 30th March 1883.
From the General Superintendent, Public Works Workshops, No. 16 W., dated 4th April 1883.
Memorandum No. 805 C., dated 14th April 1883.
From Messrs. P. Orr and Sons, Madras, dated 15th June 1883.
Memorandum No. 167 E., dated 18th June 1883.
From the General Superintendent, Public Works Workshops, No. 414 W., dated 29th June 1883.
Memorandum No. 203 E., dated 6th July 1883.
From Messrs. P. Orr and Sons, dated 17th August 1883.
Memorandum No. 297 E., dated 21st August 1883.
From Messrs. P. Orr and Sons, dated 12th September 1883.
Memorandum No. 2310 C., dated 23rd November 1883.
From the General Superintendent, Public Works Workshops, No. 1016 W., dated 1st December 1883.
Memorandum by Lieutenant Baddeley, dated 23rd January 1884.

ORDER—dated 9th February 1884, No. 360 W., Public Works.

The foregoing papers relate to the question of restricting the operations of the Presidency Public Works Workshops in view to their eventual abolition.

2. The subject came prominently under the notice of Government in September 1881, when the Examiner of Public Works Accounts, submitted his annual review of the financial operations of the workshops for the year 1880-81. That report showed that the outturn during the few preceding years had been steadily decreasing, and that from a commercial point of view, the result to be looked for was the entailment of an annual loss on Government. In G.O., No. 3081 W., dated 12th December 1881, Colonel Prendergast, R.E., Superintending Engineer, V Circle, who, as President of the Public Works Stores Committee, had acquired much information in regard to the working of the shops, was requested to report his conclusions on the general question raised as to the future of the workshops, and the best arrangements for execution of work should their closure be decided on.

3. The results of the inquiry which followed are summarised in the printed précis attached to Proceedings of Government, No. 2064 W., dated 12th August 1882, and the Chief Engineer, Public Works Department, in a note printed therewith summed up in favor of abolishing the workshops for the following reasons:—

First.—As being in a condition of chronic deficit;

Second.—As directly interfering with private enterprise; and

Third.—As presenting insuperable difficulties in the way of providing for their proper and continuous supervision by a thoroughly trained mechanical engineer.

The Chief Engineer was further of opinion that one of the following three courses seemed open to Government:—

(1). To maintain the shops on much the same footing as at present, though relieved as much as possible of certain items standing against the capital account, so as to admit of their having a better chance in future of working to show a profit,

(2). To get rid of all buildings and plant, and retain only those portions which may be required for the execution of such repairs and trifling matters of manufacture as Executive Engineers cannot have locally executed,

(3). To dispose of the whole concern, and trust to the open market for all manufactures and repairs;

and, as it was feared that much inconvenience might result from such a drastic measure as the immediate closure of the shops, the Government, on the recommendation of the Chief Engineer, resolved to adopt the second of the alternatives thus placed before them, and called for proposals for carrying it into effect.

4. Those proposals which were submitted in the papers printed with Proceedings of Government, No. 2488 W., dated 25th September 1882, and generally approved by Government for gradual adoption, may be briefly summarised as follows:—

(a) All work to be refused except that required by the Public Works Department, and in the instrument shops.

(b) Officers of the Public Works Department to abstain as far as practicable from giving orders for work at the shops.

(c) The nucleus of a small workshop for departmental purposes to be organized within the present shops.

(d) Tenders to be invited for the purchase of the existing buildings and available plant; and if any such be accepted, the reduced establishment to be removed elsewhere.

(e) Inquiries to be made as to whether the mathematical instrument work of the department could be executed at Calcutta.

(f) The gradual reduction of the existing establishment.

5. The steps which have since been taken to carry out these measures may thus be briefly stated. Immediate effect was given to (a), and, at present, except in special cases, no work is undertaken outside the Public Works Department.

With regard to (b), Superintending Engineers were called upon in the Chief Engineer's Circular No. 567 C., dated 9th March 1883, or nearly six months subse-

quent to the issue of the restrictive orders, to report how far the intentions of Government had been carried out and the result which had thereby accrued, with special reference to the following points:—

1st.—To what extent work previously done by the Public Works Workshops had been carried out by other agency.

2nd.—Whether any difficulty, either in the shape of increased prices, of delay, or of difficulty in getting work done, had been experienced in carrying out the change.

3rd.—If any such difficulty had been experienced, whether it could be removed, and by what means.

4th.—If no steps had been taken towards the reduction of demands upon the workshops, what had prevented such steps from being taken.

The majority of the replies to that circular were meagre, but they showed generally that little work had been given to the presidency workshops during the period in question; that officers of the department anticipated no difficulty or delay in getting work done by private agency; and that sufficient time had not elapsed for any reliable opinion to be formed as to the full effect of the restrictive orders.

As regards (c), nothing definite has apparently yet been done beyond reducing the number of workmen and restricting work.

With respect to (d), the contemplated sale of the buildings, &c., completely fell through, not one reasonable offer having been received in reply to advertisements for tenders published throughout India.

With reference to (e), an inquiry addressed to the Surveyor General, Calcutta, elicited the reply that the mathematical instrument department there was not in a position to undertake the repair of the mathematical instruments of the Madras Public Works Department, and it was consequently decided, in Proceedings of Government, No. 3183 W., dated 4th December 1882, that the closing of the Madras instrument shop would be premature. It was therefore ordered to be maintained for the present, for the execution of Government work; the establishment to be regulated solely with reference to the amount of such work likely to be required, and the execution of private work to be discouraged. Subsequently, Messrs. Orr and Sons undertook to repair Government mathematical instruments, and a certain number were sent to them for treatment; but the result, as reported by Captain Baddeley, was not altogether satisfactory with respect both to quality of work and to price. Messrs. Orr and Sons however maintain that, if a continuity of work were supplied to them, they are confident of overcoming defects due to inexperience, and of ultimately giving entire satisfaction.

With regard to (f), some reduction of establishment has taken place; the apprentices under training to be foremen mechanics have been transferred to the Madras Railway workshops; and the General Superintendent has submitted statements showing the existing permanent establishment, the number of workmen employed, the duties performed by each man, and the scale of establishment he would recommend for the maintenance of a small workshop for purposes purely departmental.

6. The Government consider that the time has now come when some definite settlement should be arrived at as to the future of the workshops, and they accordingly resolve to appoint a Committee composed of—

Colonel H. L. PRENDERGAST, R.E., Superintending Engineer, V Circle, as President, and

Major C. BOWEN, R.E., Deputy Chief Engineer and Under Secretary to Government, Public Works Department.

D. C. GORDON, Esq., Examiner, Public Works Accounts,

Major R. R. E. DRAKE-BROCKMAN, R.E., Executive Engineer, and

W. HUGHES, Esq., B.A., Executive Engineer,

as members, to investigate and report on the questions now pending respecting the Public Works Workshops and Stores. The attention of the Committee will be specially directed to the following points:—

1.—The effects of the restrictive order No. 2488 W., dated 25th September 1882, on the financial position of the workshops.

- II.—The extent to which the department has, since the issue of the above quoted order, availed itself of outside agency to meet requirements, and the manner in which work has been executed by such agency.
- III.—The extent to which the conditions under which that order was issued have been modified by the commencement of the lines of railway recently sanctioned.
- IV.—The inferences to be drawn from the results of the above inquiries, as to the policy to be now pursued, *i.e.*, whether the establishment should be still further reduced, or the shops be closed altogether or re-established, and if so, on what footing.
- V.—The circumstances of the mathematical instrument department, and the possibility of limiting its operations.
- VI.—The staff to be in future entertained in connection with the Public Works Workshops, and its kindred branches, the Public Works Stores, State Railway Stores, Government Machinery Department, &c.
7. The papers recorded at the head of these Proceedings will be forwarded in original to the Committee, who will be requested to submit the results of their deliberations to Government as early as practicable. Any information required by the Committee will be furnished to them by the officers concerned.

(True Extract.)

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

To Colonel H. L. Prendergast, R.E.

„ Major C. Bowen, R.E.

„ D. C. Gordon, Esq.

„ Major R. R. E. Drake-Brockman, R.E.

„ W. Hughes, Esq., B.A.

To the General Superintendent, Public Works Stores and Workshops.

To Superintending Engineers.

Exd. A. Aubert.

Spare Copies

6.5.9.84 @ 11.9.84 176.51

GENERAL.
ACCOUNT.

Govt. of Madras.
PUBLIC WORKS.

Dated February, 9th.

Recd.

Encl.

G.O., 9th Feb. 1884, No. 360 W.

FEBRUARY.

Public Works Workshops and
Stores

Appointing a Committee to investigate
and report on the questions now pending
respecting the —.

16TH JUNE 1884, No. 1494 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.
Account.

READ—the following letter from Colonel H. L. PRENDERGAST, R.E., President of
Committee, Public Works Workshops and Stores, to the Chief Engineer,
Public Works Department, dated Madras, 5th May 1884, No. 14:—

I have the honor to forward the report of the Committee appointed in G.O.,
No. 360 W., of the 9th February 1884, to investigate questions respecting the Public
Works Workshops and Stores. The papers sent with the Government order are
returned.

ENCLOSURE.

Proceedings of the Committee appointed in G.O., No. 360 W., dated 9th February 1884, to
report on the Public Works Workshops and Stores.

The effects of the restrictive orders, No. 2488 W., dated 25th September 1882, have been
that the value of the out-turn of work has decreased thus—

	RS.
In 1879-80	2,16,876
" 1880-81	2,08,889
" 1881-82	1,44,221
" 1882-83	1,39,937
" 1883-84 (estimated)	1,00,000

In the last two years, the extra charges have been—
In 1882-83 38 per cent. on the actual outturn.
" 1883-84 45 per cent.

The percentages of financial and general liabilities, on the capital have been 17.2 and 20.4
in the two years; and against these, the percentages of extra charges on the capital have been
16.1 and 17.4.

The loss in these years has been Rs. 2,928 and Rs. 5,278.

The loss in the three preceding years was Rs. 6,833, Rs. 22,160, and Rs. 18,201.

2. The Superintending Engineer of the I Circle writes that the department has not availed
itself of outside agency, because there are extensive workshops at Dowlaishweram.

The Superintending Engineer of the II Circle says he gets all work done at the Bezvada
Workshops, except castings and repair of scientific instruments, or any exceptionally heavy work,
otherwise they are independent of the Madras Workshops.

The Superintending Engineer of the III Circle states that the requirements have been but
few, and there has been little necessity for resorting to private agency.

The Executive Engineer of Bellary speaks unfavorably of some small force-pumps purchased
from Messrs. Massey and Company, as not turned out in a workmanlike manner and useless as
force-pumps.

The Executive Engineer of Bellary proposes to obtain iron-work of any special nature from
Bombay, although the rates may prove somewhat high.

From the IV Circle, the Executive Engineer, Nilgiri division, sends two lists showing
that stores to the value of Rs. 4,683 were obtained from May to December 1883 from Messrs.
Richardson and Cruddas, Bombay; and that stores to the value of Rs. 7,900 were obtained from
the Public Work Workshops from September 1882 to February 1884. The Executive Engineer
remarks that no comparison of quality can be made between the two lists; and that articles,
when available at Madras, can be procured much quicker than from Bombay.

The Executive Engineer of the Coimbatore division sends a statement showing that iron-work to the value of Rs. 16,415 has been obtained from private agency since September 1882, and another statement showing the cost of work done previously at the Public Works Workshops. The Executive Engineer says that as regards time of execution and cost of work there is very little to choose between the private firms and the Workshops; but in the quality of the work he is inclined to give the preference to the Public Works Workshops, as the work is generally of a more substantial character.

The Committee observe that for iron-work for screw gear shutters Messrs. Massey and Company have charged 4½, 5½, and 7½ annas per lb., though explanation has been asked for by the Executive Engineer regarding this latter rate. The rate for similar work at the Public Works Workshops has been from 4 annas 2 pies to 5 annas 11 pies.

In the V Circle, the Executive Engineer of the Buckingham Canal has given orders to the Dowlaiswaram Workshops, not to local firms.

The Executive Engineer of the Presidency division has abstained from applying to the Public Works Workshops for anything procurable in the market, believing that the Workshops prices are prohibitive. He generally gets tools and plant from the Workshops, and had a cooking range set up at the General Hospital through the Public Works Workshops, not being able to spare any one to superintend the work.

The Executive Engineer of South Arcot has given only one order to Messrs. Massey and Company except for petty work; and in this case the charge was Rs. 310 for each shutter with screw gearing, while the estimate of the Public Works Workshops was Rs. 250. Thus Messrs. Massey added 24 per cent. to the Workshops price.

The Superintending Engineer of the VI Circle agrees with the Executive Engineers that Messrs. Massey and Company execute work fairly and expeditiously; but that their charges are excessive. Messrs. Massey tendered for corrugated iron roofing for the Madura district but the supply was obtained from Bombay at a considerable saving.

The Executive Engineer of Tanjore (on the Committee) considers that all sorts of work of a simple description can be done cheaper by outside agency, but when machinery and highly skilled labor have to be employed, the rates at the Public Works Workshops are much lower than elsewhere.

For the Tanjore jail barred doors are being made up locally at a cheap rate. The iron might be somewhat better at the Public Works Workshops; but the price would be higher and the workmanship not better.

A lightning conductor has been supplied by Messrs. Massey for a powder magazine at Tanjore; the Executive Engineer would expect to have the work done cheaper and better at the Public Works Workshops.

The Executive Engineer has found that the cost of wood-work at Dowlaiswaram is much less than at the Public Works Workshops, but that the rate for iron-work is much the same. Messrs. Massey and Company tendered last August for shutters for the Nattar head works; and their rate for iron-work was 5 annas 9 pies per lb., against 3 annas 7 pies charged at Dowlaiswaram.

The Executive Engineer thinks it may be assumed that for work of this class nearly 50 per cent. will have to be added to former prices if the Workshops be closed.

The Executive Engineer of Tinnevely reports that Messrs. Massey have turned out good work, fairly expeditiously; but that he gave up sending them orders on account of their high prices. For the screw gearing for shutters, they asked 5½ annas for iron-work, while the Public Works Workshops supply the same for 3½ annas per lb.

The Executive Engineer of Negapatam writes that so little iron-work has been done that no comparison can be made as to cost; but in regard to time, the cheapness of local labor hardly compensates for the delay, especially if the loss of time be taken to account in personally overlooking the most simple details, where there is no workshop or trained supervision.

The Engineer of the Madras Harbour Works states that he has no means of comparing the work done at the Public Works Workshops with that executed by private agency, because all his mechanical work is done either on the spot or at the Public Works Workshops.

The Consulting Architect observes that the work done by the Public Works Workshops is almost always better than that done by private firms; and on the whole the price is much the same. On one occasion, lately, iron girders made by Messrs. Massey and Company failed when tested. Wood-work from the Public Works Workshops is better than from elsewhere, and the price about the same.

3. The Committee have inquired of the heads of the principal Government departments whether inconvenience would be felt by the closing of the Public Works Workshops.

The Revenue Board say, in reply, that so far as the demands of the Revenue Department are concerned, it is perfectly immaterial whether the Public Works Workshops are closed or not.

The Commissary-General writes that the restriction has not inconvenienced his department; that supplies can be got more expeditiously and cheaply by private agency than by the Public Works Workshops.

The Inspector-General of Ordnance and the Inspector-General of Police write to the same effect.

The Master Attendant, however, considers that the Marine Department derived advantage from the Public Works Workshops and ought to be able to get work done there if only to check a disposition to exorbitancy on the part of private firms.

4. The Superintendent of the Madras Survey states that he is unable to compare the work and charges of Messrs. P. Orr and Sons in repairing instruments with the repairs which have been well done by the Public Works Workshops. He is of opinion that it would be very advantageous to maintain the Government Workshops establishment, inasmuch as the Surveyor-General cannot undertake the repairs, and it would be tedious and costly to send instruments to England.

5. The General Superintendent of the Public Works Workshops sends a statement showing that eleven orders from State Railways have been carried out from April 1882 to February 1884. He states that when the Mysore Railway was under construction articles received from England were frequently damaged, and it was important that the Workshops could execute repairs. He considers that when the State Railways have established their own workshops, they will often require repairs to be done at the presidency.

On the other hand, the Superintending Engineer of the Bellary-Kistna State Railway says that the presidency shops would probably not be of use; and the Engineer-in-Chief of the Cuddapah-Nellore State Railway does not anticipate being able to utilise the Public Works Workshops at Madras to any appreciable extent, except for the repairs of surveying instruments.

6. From the evidence given, the Committee find that for State Railways and for Government departments generally, other than that of Public Works, there is no need of maintaining the Public Works Workshops; but for the Public Works Department the majority of the Committee (four members) are of opinion that the Workshops should be re-established on their former footing, because work is likely to be done better and at not higher prices than it would be if undertaken by outside agency.

7. Offers have been made in a general way by Mr. Wallace, dated 3rd March 1884, and by Messrs. Massey and Company, dated 8th April 1884, to undertake the work hitherto done by the Public Works Workshops. Upon the decision arrived at above, the Committee do not recommend that either of these offers be entertained.

8. The Committee are of opinion that the mathematical instruments department should be maintained; and that it is not advisable to limit its operations by attempting to get the work done by private agency.

9. The Committee consider that the appointment of General Superintendent of the Public Works Workshops should not be of the special nature that it has been hitherto, but that the Workshop with its kindred branches, stores, &c., should be treated as a Public Works division, and its staff regulated accordingly.

5th May 1884.

(Signed)

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H. L. PRENDERGAST, Colonel, R.E.

W. HUGHES.

D. C. GORDON.

C. BOWEN, Major, R.E.

R. R. E. DRAKE-BROCKMAN, Major, R.E.

ORDER—dated 16th June 1884, No. 1494 W., Public Works.

In G.O., No. 360 W., dated 9th February 1884, the recent papers bearing on the position and operations of the Public Works Workshops and Stores at Madras were reviewed at length, and a Committee was appointed to consider the effect of the restrictive order, dated 25th September 1882, No. 2488 W., and to report upon the status to be assigned in future to the shops as well as to the stores, with which the shops are intimately connected. After careful consideration of the papers and of all available evidence, the Committee have arrived at the conclusion that, so far as the Public Works Department is concerned, the shops should be re-established on their former footing, inasmuch as work is likely to be done better and at prices not higher than if undertaken by private agency.

As regards the execution of work for State Railways and for Government departments generally, the evidence goes to show that the Public Works Workshops are not essential.

The retention of the mathematical instruments shops for the execution of all Government work is recommended; and it is finally recommended that the Workshops and Stores should in future be constituted an ordinary Public Works division, the staff being regulated accordingly.

2. After careful consideration of the papers, His Excellency the Governor in Council is not satisfied that the experiment of restricting the operations of the Workshops has lasted sufficiently long to allow of healthy private competition. It should therefore be continued for the present. Meanwhile, inquiry will be made, through the Military Department, whether the Gun Carriage Factory is in a position to undertake the more important work of the department, such as cannot apparently be properly and economically executed in the local market.

(True Extract.)

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

To the Superintending Engineer, V Circle.

To other Superintending Engineers.

To the General Superintendent, Public Works Stores and Workshops.

- " Chief Engineer for Irrigation.
- " Consulting Engineer for Railways.
- " Engineers-in-Chief, State Railways.
- " Consulting Architect to Government.
- " Superintendent, Madras Harbour Works.
- " Examiner, Public Works Accounts.
- " Financial, &c., Departments.
- " Revenue Department.
- " Military "

Exd. E. Fernandez.

Spare Copies

GENERAL.
ACCOUNT.

Govt. of {1884} Madras.
PUBLIC WORKS.

Dated June, 16th.

Recd.

Encl.

G.O., 16th June 1884, No. 1494 W.

JUNE.

Presidency Public Works
Workshops and Stores

Passing orders on the report of the Committee appointed to consider the effect of the order restricting the operations of the — and the status to be assigned to them in future.

11TH AUGUST 1884, No. 1966 W., PUBLIC WORKS.

GOVERNMENT OF MADRAS.
PUBLIC WORKS DEPARTMENT.

General.
Establishment.

READ—the following paper:—

Report of the Workshops and Stores Committee recorded with G.O., No. 1494 W., dated 16th June 1884.

ORDER—dated 11th August 1884, No. 1966 W., Public Works.

His Excellency the Governor in Council directs that, in accordance with the recommendation of the Committee contained in paragraph 9 of their report read above, the Public Works Workshops and Stores at the Presidency be formed into an ordinary Public Works division under the Superintending Engineer of the V Circle.

(True Extract.)

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

To the Superintending Engineer, V Circle.
„ Examiner, Public Works Accounts.

Exd. E. Fernandez.
Spare Copies

GENERAL.
ESTABLISHMENT.

Govt. of (1884) Madras.
PUBLIC WORKS.

Dated August, 11th.

Recd.

Encl.

11th Aug. 1884, No. 1966 W.

AUGUST.

Public Works Workshops
and Stores

The — at the Presidency formed into an
ordinary Public Works division under the
Superintending Engineer, V Circle.

G. O. No 2331 W 21-9-81
" " 3 W 5-1-82
" " 2763 W 21-10-82
B. No 2692 W 25-9-83.

[Exr. Wks. Form No. 111.]

GOVT.
OF MADRAS.

1884.

{ P. W.
DEPT.

EXAMINER, P. W. ACCOUNTS.

Madras,

4-August -

1884

OFFICE NOTE No. 326.

To

E. W.

please see accompanying

letter from the General Superin-

tendent P. W. workshops and say

whether that Officer is empowered

to sell surplus Stores on his own

authority. According to the spirit

of the Code rules (paras 2013 A.

and 2020-22) it appears to me that

your sanction should be obtained

to all such sales.

2. The question has arisen in
connection with Stores sold by
public auction by Messrs. Macartoom
and Co. to the extent of nearly
Rs. 2,000 during the month of April
1884.

Q. 13.8.84 R. 18.5.84

29/9 1884
10.5.84 11.9.84

10831
11-8-84
Chepauk
9th Aug 84
No. 1400D

To
The Genl Suptt, P.W.

Are the stores
referred to, a portion
of those mentioned
in G.O. No. 2743 Way
21st Octr 1882?

Cy.
D.C.

No. 659 to 711-8-84 6-8-84

No. The stores sold at
auction consisted of

Coal dust } the waste of
Coke dust } the heaps.

Old files

Teak wood side cuttings

Rs 1050

Scrap Iron

Old leather belts

Old tools

Old bits of wood & iron
articles

In every workshop there is
an accumulation of surplus
& refuse material of the above
nature, which it is advisable
to sell off from time to time.

If it is necessary that I should
obtain sanction for similar sales,
application will be made.

Alexander
11/10/84.

No 2048W

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

Under date the

20th Aug 84

Read the following

Office note from the Genl Suptt P. W. Stores } H.E. No. 659 dated 11th August 84
Office note from the Exand. P. W. Accounts } " No. 326 of 4th August 84

The sale of the
surplus articles is approved.

2. The P.W. Stores
and Workshops having
been converted into an
ordinary P.W. Division,
future similar cases
will be disposed of

To
The Exand. P. W. Accl^{int} under paras 2020 to
" Enslg Eng^r V. Arde^{int} 2022 of the P.W. Code.

21/8/84

21/8/84

Cur

Cy.
13.8.84

W.
15.8.84

11/11/84
11/11/84
11/11/84

Handwritten: 048.7678. *Stamp:* 22/8/81
Handwritten: 0.13.8.81

U.S. 29/9 H. 24/9 ✓ 189
C. 529.84 Q. 11.9.82 179.

Ph. Cro 7397

Public Works Store Department.

From

THE GENERAL SUPERINTENDENT.

P. W. STORES, &C.,

MADRAS.

To

The Deputy Chief Eng^d
R. P. W
Chester

No. 709 S.

Dated 2nd _____
Despd. 2nd September 1887
Recd. 4th _____

Recd.

No. OF ENCLOSURES.

No. 224 8 W aj 12^h Sept/84

Enquires the date
from which the Public Works
Stores and Workshops were con-
stituted a Division.

Worth orders

Oct. 29/9 H.E.B. 18/9

MADRAS RECORD OFFICE.

Block No.

Paper taken out of the Records from the charge of the Referencer,

Dept. *P. W.*

Press No. *2248 W*, dated *12-9-1884*, Rack No. *151*, Range, *1st file*

Date taken out.	FOR WHAT PURPOSE.			Initials of Referencer.	Date returned.	Initials of attender.
	Department	C. No.	Year.			
<i>5-9-10</i>	<i>P. W.</i> <i>UR</i>	<i>7038</i> <i>1272</i>	<i>10</i>	<i>MP</i>	<i>22/12/10</i>	<i>RA</i>

List

1. General report (with map) of the Irrigation of the Madras Presidency.
2. Book of Narratives of the Godavari, Krishna, Pennar & Cauveri Irrigation Systems, together with a map of each system.
3. File of narratives of the Sivakumtham, Madras Water Supply and Kurnool Canal, Irrigation Systems, together with a map of each system.
4. File of financial results of Irrigation Works in the Madras Presy.
5. File of selected Standing Orders of the Irrigation Dept.
6. File of selected Professional Circulars of the Irrigation Dept.
7. File of selected designs attached to Professional Circular No. 25.
8. File of important Irrigation projects.
9. File of completion estimates of Godavari & Palar Irrig. Systems.
10. Administration Report of the Irrig^{ble} for 1882/83. *(later report 1883/84)*
11. Moleworth's note on high masonry dams.
12. Appendix V to the Report of the Indian Famine Commission on "Irrigation as a Protection against Famine."
13. Report on Forest Administration in the Madras Presidency by Mr. Brandis.
14. Extracts from Marsh's 'Man & Nature', together with notes on forests and rainfall in Madras.
15. Irrigation map of the Madras Presidency.

29/9 *1884* *15/10*
29/9 *1884* *15/10*

No.

To
The Secretary to Government, Public Works Department,
through the Chief Engineer for Irrign.

Sir,

With reference to G. O. No 1929 W dated 8th.
August 1884, directing me to collect such informa-
tion, from the records of the Irrigation Branch,
as may be useful to the Royal Commission for the con-
servaion of water in the colony of New South Wales,
I have the honor to forward the reports, maps and
plans, contained in the books noted in the accom-
panying list, together with an explanatory note in-
tended as a guide to the Commission.

Ordered 2. Copies of the drawings of the head works of the
in G.O.
No 980 I Productive Public Works Systems, and of the diagrams
dated 30th
Novr. 1883 of the rivers which supply them, might also be
forwarded, when ready, to the Commission, together
with the further information I have alluded to in
my note as not being at present available.

I have the honor to be

Sir,

Your Most Obedient Servant

A. S. Russell.

Under Secretary to Government P. W. D.

Irrigation Branch.

-wednesday, 17th instant

AS R

11-9-84.

I. Since writing the
above, I find that book
No 15 will require some
alteration. This will be
done to-day, and the
book will be sent to your
Office to-morrow. Mean-
while I have instructed
the Head of the Drawing
Branch of this Office to
show you the book No 15;
so that the book may be
sent in hand.

AS R

11-9-84

objection to supplying
these three publications,
provided there are other
copies available in the
Library at Madras. This
is well clear from the
papers.

AS

8-9-84

There is no objection to
the papers. It being sent
as proposed, - provided
that copies thereof will
still be available in
the Library.

AS

8-9-84

a letter should be prepared
for drafted to accompany
the papers. etc.

AS

Please check the list
of papers (a) before despatch.
11-9-84

29/9 1884

W. 7381/64

Encl. 3

Chepauk
2nd Sept
1884

Letter from A. S. Russell Esq.
Under Secretary to Govt. P. W. D.
Irrigation Branch. W. 898-W
dated 27th August. 1884.

W. 74 E.W.

Forwarded to the Chief
Engineer. Public Works Depart.
ment. The hist. so far as it
relates to Irrigation papers, is
approved, ^{but} it is for the Govern-
ment to decide whether Nos 11,
13 and 14 can properly be com-
municated

A. S. Russell.
For Chief Engineer
for Irrigation

Oct. 29/9 H. E. G. 1889

