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N<sup>o</sup> 2620 W.

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

Nov 5<sup>th</sup> 1885

READ the following

From the Superintending Engineer V Circle. H. G. No: 3051 d/15<sup>th</sup> October 1885.

The estimate amounting to Rs. 1,250, for tarring famine tools in the North Arcot Division for the year 1885-86, is sanctioned.

2. The question of providing funds will be <sup>separately</sup> considered in separate orders.

3. This sanction has been registered as Provincial No: 156 W of 1885-86, and classified as Tools and Plant.

X Note -

This will be brought forward along with other demands when sundries of grants are reported by all 3 CEs & orders obtained.

CV 4

Oct 22. 1885

Le 140

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11

1.11.83

To The Suptg. Engr. V Circle with 2 copies.

" Examiners of P. W. Accts with copy of the abstract estimate.

CV

22.10.85

W 2/10

From

P. H. C. No 9091

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE

Chief Engineer  
P. W. D.

Dated

15<sup>th</sup>

Recd.

19<sup>th</sup>

October 1885.

ENCLOSURES.

2

No. 3051.

Famine Tools -

Submits for sanction and allotment of funds an estimate of Rs 1250 for tarring -



No. 3051

SUPERINTENDING ENGINEER'S OFFICE,

5TH CIRCLE, MADRAS,

*Bengalore*  
Chopank, 15 October 1885.

From

THE SUPERINTENDING ENGINEER,

5TH CIRCLE,

To

THE

*Chief Engineer*  
*P. H. Department.*

SIR,

Enclosures. 2

*I have the honor to sub-*  
*-mit for sanction & allotment*  
*of funds, an Estimate of Rs 1250*  
*for carrying Sanitary Works in the*  
*North West Division.*

*I have the honor to be*  
*Sir,*

*Your most Obedt Servt.*  
*W H Hunter. Secy.*

*Off. Superintending Engineer*  
*5th Circle.*

(14)

*No. 1787 W of 21st July 84*

*- 8014*

*W*

*contd 7*

*B. 12.7.84 R. 1717184*

*24/7*

*sent*



PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

21<sup>st</sup> July/84

READ the following

From the Supg. Engr. III Circle - H. E. No: 610 of 24<sup>th</sup> June 1884.

The estimate amounting to Rs 1,900, for cleaning and tarring Famine and other ordinary Tools attached to the Kurnool Division, is sanctioned against the provision of Rs 2500, assigned for that Division, under Tools and Plant, Repairs, in G. O. No: 1581 W, dated 24<sup>th</sup> June 1884.

This sanction has been registered as Provincial No: 94 W of 1884-85, and classified as Tools and Plant, Repairs.

To The Supg. Engr. III Circle with 1 enclos.  
" Examiner P. W. Aceto

P. W.

Cy.  
11.7.84

14.7.84

Cy.

From

The Superintending Engineer,

III Circle,

To

The

Chief Engineer  
M. S.  
Madrass

Dated

24<sup>th</sup> June

1884.

Recd.

25

ENCLOSURES.

No: 1787 W of 21<sup>st</sup> July/84

No. 610

Famine & ordinary tools in the Kurnool Div.

Forwarding an estimate of Rs 1,900 for cleaning & tarring for sanction and appropriation of funds.



No.

610

MADRAS,

Bellary Chepauk, 24 June 1884.

From

Lt. Col. A. M. Vileart. R.E.

THE SUPERINTENDING ENGINEER,

III 1ST CIRCLE,

To

THE

Chief Engineer  
P. W. Department  
Madras.

SIR,

Enclosures.

1- Estimate

With reference to para 1949 of the P. W. Code, I have the honor to forward for sanction and appropriation of funds under Tools & Plant, an Estimate of Rs. 1900 for cleaning, tarring &c, Stamens and Ordinary Tools in the Kurnool Division.

2. A sum of Rs. 2500 for the Kurnool Division has been applied for in this Office statement, dated 2<sup>nd</sup> May/84 - showing the grant required for anticipated outlay on Tools & Plant during 1884-85.

I have the honor to be

Your most <sup>Sir</sup> obedient Servant

Alfred West Lt. Col. R.E.

Superintending Engineer  
III Circle



P. W. DEPARTMENT.

No. 1394 C dated 9th. August 1884.

MEMORANDUM.

From the General Superintendent P.W. Stores No. 474 S dated 18th. July 1884.

The Chief Engineer has the honor to draw the attention of Superintending Engineers to paras 8 et seq of circular memorandum No. 2453 C dated 8th. December 1883, regarding the laying in and keeping up a proper supply of jamine tools. Up to date the only officer who has submitted an indent on the General Superintendent P.W. Stores, is the Superintending Engineer I Circle.

2. Attention is also drawn to the instructions in para 6 of the same memorandum. The last sentence of that paragraph appears to have been overlooked in submitting the Administration Reports for 1883-84.

(By Order)

C. Bowen. Major R. E.

Dy Chief Engineer P.W. D.

To

Suptg. Engineers  
Genl. Suptt. P.W. Stores.



List of correspondence connected with Circular Memorandum No. 2453 C dated 8th. December 1883.

G.O. No. 1697 W dated 9th. July 1881

2018 W dated 17th. August 1881

3197 W dated 31st. Decr. 1881

3198 W dated 31st. Decr. 1881

465 I dated 13th. June 1882

466 I dated 13th. June 1882

1475

— W dated 13th. June 1882

A

1475

— W dated 13th. June 1882

B

2695 W dated 16th. Octr. 1882

2696 W dated 16th. Octr. 1882

3004 W dated 13th. Novr. 1882

3346 W dated 18th. Decr. 1882

3347 W dated 18th. Decr. 1882

881 W dated 17th. March 1883

2062 W dated 30th. July 1883

1006 dated 18th. Augt. 1883 (Revenue)

Report of the President & Members of the Railway Committee dated 24th. October 1883.

But, as a general guide for making preliminary arrangements, the table given on page 61 of the Code may be consulted with advantage.

*J. Mansel Pleydell*  
Col. R.E.

Chief Engineer P.W.D.

To  
Superintending Engineers  
Genl. Suptt. P.W. Stores  
Examiner P.W. Accounts.  
Chief Engr. for Irrigation.



P . W . D E P A R T M E N T .

No. 2453 C dated 8th. December 1883.

C I R C U L A R   M E M O R A N D U M .

With reference to the Famine Code for the Madras Presidency which has recently been published for general information in the Fort St. George Gazette, and copies of which have been separately distributed to officers of the Public Works Department, the Chief Engineer desires to draw attention to certain provisions of the Code, which should be carefully studied in anticipation of the occurrence of famine, with a view to such preliminary arrangements being made as are specifically laid down in the Code.

2. It will be observed that famine relief works are classed under two main heads:-

(a) Professional Agency Works.

(b) Civil Agency Works.

Public Works officers are more especially concerned with class (a) works, and the arrangements for the execution of these demand their more immediate attention.

The nature of class (a) works is explained in section 18 Chapter I, and the rules under which they are to be carried out will be found detailed in Chapter IV.



In section 27, Chapter I, it is laid down that the P.W. Department should constantly maintain in their several Budgets a number of (a) works for each District, sufficient for four years' ordinary labor. This matter should be kept in view in the submission of future Budgets, and generally throughout the year; estimates being submitted for sanction from time to time, - so that the list of works available for famine relief may contain as many duly sanctioned projects as possible, and the waste of money inseparable from the execution of ill-considered schemes, taken up on emergency, may be avoided.

6 The adequacy of the scheme of works thus laid down should be specially reported on by Superintending Engineers in a separate memorandum, to be submitted as soon as possible after the issue of the P.W. Budgets. It will also be noticed in the Circle Administration Reports.

7 Superintending Engineers will at all times have on record the data for framing the task work table referred to in section 51, so as to be in a position to afford the requisite information to the Civil Authorities whenever called on.

8. The provision of an ample supply of tools and treasure chests for both (a) and (b) works is a matter regarding which preliminary arrangements are necessary, vide section 110 of Code. Certain quantities of tools from the last famine are now in store in various Districts. Superintending Engineers will ascertain the quantities of each kind in stock, and will then submit indents on the General Superintendent P.W. Stores for the balance of probable requirements. It should be distinctly specified on the indents that the articles are required for famine relief purposes. The articles indented for

will

will, after sanction by Government, be procured by the General Superintendent either locally or from England, and will be kept in stock at Madras for issue when an emergency may arise. There will be nothing to prevent such tools being issued at any time for works in progress, provided they are immediately replaced. The authorised stock for famine relief purposes which will be laid down, on complete information being received in compliance with the present orders, should always be maintained. The General Superintendent P.W. Stores will be answerable that this is done.

9. It may happen that the local stock of tools will in time so far deteriorate as to be unfit for use, or may be disposed of under distinct orders of Government. Superintending Engineers should keep this in view, and arrange for the balance being maintained in the General Stores at Madras. To admit of this being done, the General Superintendent will issue to Superintending Engineers annual lists of famine tools in stock distributed against Districts. Superintending Engineers will thus have an opportunity of correcting excesses or deficiencies.

10. Attached, as an Appendix to this Circular, is a statement shewing the number and description of tools which the several Superintending Engineers consider necessary for a thousand laborers on famine relief works. It will probably be found useful in framing indents. The number and description of tools will of course vary in practice with the composition of the gangs and the kind of work to be performed.

But,



But, as a general guide for making preliminary arrangements,  
the table given on page 61 of the Code may be consulted with  
advantage.

*J. Mansfield*

Col. R. E.

Chief Engineer P. W. D.

To  
Superintending Engineers  
Genl. Suptt. P. W. Stores  
Examiner P. W. Accounts.  
Chief Engr. for Irrigation.



Appendix to Circular No 2453 G. dated 8<sup>th</sup> Dec<sup>r</sup> 1883.

Number and description of Tools required for 1000 laborers on Famine Relief Works.

| Description of Tools.                                                                  | Supg. Eng <sup>r</sup><br>I. Circle. | Supg. Eng <sup>r</sup><br>II. Circle. | Supg. Eng <sup>r</sup><br>III Circle. | Supg. Eng <sup>r</sup><br>IV Circle. | Supg. Eng <sup>r</sup><br>V. Circle. | Supg. Eng <sup>r</sup><br>VI Circle. | Average. |
|----------------------------------------------------------------------------------------|--------------------------------------|---------------------------------------|---------------------------------------|--------------------------------------|--------------------------------------|--------------------------------------|----------|
| Axes, Country                                                                          | "                                    | 20                                    | "                                     | "                                    | "                                    | "                                    | 10       |
| " Felling                                                                              | "                                    | 25                                    | "                                     | "                                    | "                                    | "                                    | 25       |
| " Picks                                                                                | "                                    | 50                                    | 400                                   | 350                                  | 100                                  | 200                                  | 220      |
| Bars, Tamping, Brass 5'                                                                | "                                    | "                                     | 10                                    | "                                    | "                                    | "                                    | 10       |
| Baskets                                                                                | "                                    | 700                                   | "                                     | 200                                  | 500                                  | "                                    | 466      |
| Bill hooks                                                                             | "                                    | 10                                    | 50                                    | "                                    | 20                                   | "                                    | 26       |
| Cask Chest                                                                             | 1                                    | 1                                     | 1                                     | 1                                    | 1                                    | 1                                    | 1        |
| Chains                                                                                 | "                                    | 1                                     | 1                                     | 2                                    | 2                                    | 4                                    | 2        |
| Crowbars                                                                               | 100                                  | 100                                   | 50                                    | 25                                   | 100                                  | 100                                  | 80       |
| Hammers, Hand                                                                          | "                                    | "                                     | 350                                   | "                                    | "                                    | "                                    | 350      |
| " Sledge                                                                               | "                                    | "                                     | 50                                    | 20                                   | "                                    | "                                    | 35       |
| " Stone breaking                                                                       | "                                    | 100                                   | "                                     | 200                                  | 100                                  | "                                    | 134      |
| Instruments, Overseers case of                                                         | "                                    | "                                     | "                                     | 1                                    | "                                    | "                                    | 1        |
| Jumpers                                                                                | "                                    | "                                     | 10                                    | 5                                    | "                                    | "                                    | 8        |
| Knives, Curved for prickly pear                                                        | "                                    | 20                                    | "                                     | "                                    | "                                    | "                                    | 20       |
| " Grass                                                                                | "                                    | "                                     | 50                                    | "                                    | "                                    | "                                    | 50       |
| Level, Almy's pocket, mounted on thin stick with<br>Sight Staff graduated in ft. & in. | "                                    | "                                     | "                                     | 1                                    | "                                    | "                                    | 1        |
| Levelling Instrument                                                                   | "                                    | 1                                     | 1                                     | "                                    | "                                    | 1                                    | 1        |
| Mamooties                                                                              | 300                                  | 200                                   | 350                                   | 350                                  | 600                                  | 400                                  | 366      |
| Measures for issuing food. Sets                                                        | "                                    | "                                     | "                                     | "                                    | "                                    | 4                                    | 4        |
| " One Secr.                                                                            | "                                    | 1                                     | "                                     | "                                    | "                                    | "                                    | 1        |
| " Half Secr.                                                                           | "                                    | 1                                     | "                                     | "                                    | "                                    | "                                    | 1        |
| " Quarter Secr.                                                                        | "                                    | 1                                     | "                                     | "                                    | "                                    | "                                    | 1        |
| Mortars pans, Iron 15" x 5"                                                            | "                                    | "                                     | "                                     | 100                                  | "                                    | "                                    | 100      |
| Needles, Priming, Copper, 5 feet long                                                  | "                                    | "                                     | 10                                    | "                                    | "                                    | "                                    | 10       |
| Picks 5 lbs                                                                            | "                                    | "                                     | 50                                    | "                                    | "                                    | "                                    | 50       |
| Prismatic Compass                                                                      | "                                    | "                                     | 1                                     | "                                    | "                                    | "                                    | 1        |
| Rammers                                                                                | "                                    | 40                                    | "                                     | "                                    | 30                                   | "                                    | 35       |
| Rods, Measuring                                                                        | "                                    | 3                                     | "                                     | "                                    | "                                    | 10                                   | 6        |
| Scales and Weights, Sets                                                               | 2                                    | "                                     | 1                                     | "                                    | 1                                    | "                                    | 2        |



Appendix to Circular No 2453 G, dated 8<sup>th</sup> Dec<sup>r</sup> 1883.

Number and description of Tools required for 1000 laborers on Famine Relief Works.

| Description of Tools.                   | Supg. Eng <sup>r</sup> .<br>I. Circle. | Supg. Eng <sup>r</sup> .<br>II. Circle. | Supg. Eng <sup>r</sup> .<br>III Circle. | Supg. Eng <sup>r</sup> .<br>IV Circle. | Supg. Eng <sup>r</sup> .<br>V. Circle. | Supg. Eng <sup>r</sup> .<br>VI Circle. | Average. |
|-----------------------------------------|----------------------------------------|-----------------------------------------|-----------------------------------------|----------------------------------------|----------------------------------------|----------------------------------------|----------|
| Scales, Bullion, to weigh 500 Rs. Sets. | "                                      | "                                       | "                                       | 1                                      | "                                      | "                                      | 1        |
| Staves, Levelling                       | "                                      | 2                                       | "                                       | "                                      | "                                      | 1 Set.                                 | 2        |
| Tapes Measuring                         | "                                      | 1                                       | 1                                       | 3                                      | 6                                      | 4                                      | 3        |
| Wedges 5 to 10 lbs.                     | "                                      | "                                       | "                                       | 10                                     | "                                      | "                                      | 10.      |

Remarks by Superintending Eng<sup>rs</sup>.

Supg. Eng<sup>r</sup>. I Circle.

The browbars should be simple pieces of  $1\frac{1}{4}$ " Mamooties are not to exceed 7 lbs, sketches of those depend on the work to be laid out.

" " II " "

The browbars to be 4' to 5' long steels, and English made Mamooties are not properly shaped, and be entirely of steel. The other articles specified Dumpy 10" and Gash box, small wooden.

" " III " "

The browbars to be 14 lbs, the Mamooties be 2 lbs weight and 100, 1 lb. - Of the Pickaxes weight, the Jumpers Steel  $6 \times 1\frac{1}{4}$ " 15 lbs, and the 100' each.

" " IV " "

Of the Mamooties 300 to weigh  $4\frac{1}{2}$  lbs Jumpers should be cast steel, and the Stone Chain 100' with arrows - Beyond being of a

For every 1000 laborers a wrought Iron Canal pattern for every 3000. Each District to be each District - 2 ten inch Dumpy levels, 4 sets of parallel rulers, 1 case of plain Mathematical Instruments and 6 China Saucers.

" " V " "

The browbars to be about 15 lbs and the made tools being more suitable than English.

" " VI " "

The browbars to be about 12 lbs and the vary very much chiefly in the angle at light about 6 lbs - The Tapes & Chains to measure Curry stuff.

round bar,  $5\frac{1}{2}$ ' long, sharpened at one end and quite plain at the other. the most in vogue in the Circle forwarded. The number of Instruments required will

the Mamooties 6 lbs in weight with the handle almost parallel to the blade, as the The Pickaxes should be steels, and the Stone breaking hammers should weigh 3 lbs. are - Measuring rods 10', Measuring Tapes 50', Chain 100', Levelling Instruments

English, 5 lbs, and the Sledge Hammers 8 lbs. Of the Hand Hammers 250 to 350 should be English 7 lbs, and 50 Country 5 lbs. The Picks should be 5 lbs Levelling Instrument a Dumpy Level. The Chain and Tape to measure

each, and 50, 5 lbs. - of the Pickaxes 300 to weigh 5 lbs each and 50, 6 lbs. The breaking hammers 2 lbs cast steel. The Tapes to be Chesterman's 100', and the light serviceable form no special pattern of Tools is required.

Gash Chest should be provided and a Chest of the size known as the Ganges furnished with 2 Chests of each size. The following to be held in Reserve for issue to Levelling Staves, 2 sets plotting scales, 2 metal straight edges, 4 metal 18 rolling instruments 1<sup>st</sup> Glass and 1 2<sup>nd</sup> Glass and 2 color boxes of tin with 6 colors in each

Mamooties 4 lbs weight - The full supply to be obtained in the country - Indian

Mamooties similar in pattern to those in use by the people of the D<sup>t</sup> - the patterns which the blade is set with regard to the handle - The Picks should be 100', and the Rods 9' - Of the measures 2 sets are for issuing grain and 2 for



Appendix to Circular No. 2453 G. dated 8<sup>th</sup> Dec<sup>r</sup>. 1883.

Number and description of Tools required for 100 laborers on Famine Relief Works.



★  
GENERAL.  
ACCOUNT.

Gobt. of {1883} Madras.  
PUBLIC WORKS.

*Dated March, 28th.*

*Recd.*

*Encl.*

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G.O., 28th March 1883, No. 940 W.

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MARCH.  
Nos. 181-182.

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**Famine Tools**

*Regarding the disposal and storage of —.*



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

General.  
Account.

No. 181.

READ—the following papers :—

G.O., dated 16th December 1882, No. 4333, Revenue.

Read—the following Proceedings of the Board of Revenue, dated 17th October 1881, Mis. No. 9338 :—

Read—the following letter from J. F. PRICE, Esq., Collector of the Chingleput District, to the Secretary to the Board of Revenue, dated 5th October 1881, No. 431 :—

In acknowledging the receipt of the Proceedings of the Board of Revenue, No. 8766, I have the honor to state that the famine tools here are deteriorating owing to their rusting heavily in consequence of the damp nature of the climate.

2. I have, as I believe that I have before stated, no proper place in which to keep them ; I have had to use the old Salt Office in the Cotar adjacent to the Cutcherry. The building is water-proof, built of brick and chunnam and with a tiled floor, but it is not a place in which, do what one can, the tools can be preserved from rust.

3. If they were tarred, they might perhaps keep better.

4. Something must be done regarding them, if Government does not wish that they should, in a year or two, become rusty and useless old iron.

5. A large proportion of the momaties are of *very* inferior quality, and seem to have been knocked up in a hurry in the local market.

6. I respectfully adhere to the opinion, which I have formed from personal inspection, that retaining the famine tools here for a year or two longer will end in the destruction of by far the larger portion of them.

Resolution—dated 17th October 1881, Mis. No. 9338.

Submitted for the information of Government.

(A true Copy and Extract.)

(Signed) C. D. MACLEAN,  
Acting Sub-Secretary.

Read—the following Proceedings of the Board of Revenue, dated 11th December 1882, Mis. No. 9760 :—

Read—the following letter from J. F. PRICE, Esq., Collector of the Chingleput District, to the Secretary to the Board of Revenue, dated 20th November 1882, No. 613 :—

I have the honor to remind the Board of the matter alluded to in my letter, No. 431, dated 5th October 1881 (*vide* Board's Proceedings, No. 9338, dated 17th idem).

2. The reference is now more than a year old, and the famine tools are in the meantime going on deteriorating.



Resolution—dated 11th December 1882, Mis. No. 9760.

The Collector is informed that no orders have been passed by Government on Board's Proceedings, dated 17th October 1881, Mis. No. 9338, submitting to them the Collector's letter, dated 5th October 1881, No. 431. The Board await the final orders of Government on the reports called for in G.O., No. 2882 W., Public Works Department, dated 3rd November 1882, communicated with Board's Proceedings, No. 2857, dated 22nd November 1882.

(A true Copy and Extract.)

(Signed) E. GIBSON,  
Acting Secretary.

Order—dated 16th December 1882, No. 4333, Revenue.

Transferred to the Public Works Department for disposal, with reference to G.O., dated 3rd November 1882, No. 2882 W.

(True Extract.)

(Signed) P. P. HUTCHINS,  
Ag. Secretary to Government.

To the Public Works Department.

No. 181-A.

Proceedings of the Board of Revenue, dated 2nd March 1883, No. 590.

Read—again the following Proceedings of the Board of Revenue, dated 22nd November 1882, No. 2857 :—

ABSTRACT.—Communicating for report Government Order requesting the submission of the views of Collectors of certain districts relative to the disposal of serviceable famine tools.

Read—also the following papers :—

|                                     |                           |          |
|-------------------------------------|---------------------------|----------|
| From the Collector of Arcot, North, | dated 25th November 1882, | No. 482. |
| " " of Arcot, South,                | " 28th " "                | 489.     |
| " " of Coimbatore,                  | " 14th September " "      | 179.     |
| " " of " "                          | " 9th October " "         | 205.     |
| " " of Kurnool,                     | " 5th January 1883, " "   | 4.       |
| " " of Nellore,                     | " 30th November 1882, " " | 6438.    |
| " " of Salem,                       | " 8th December " "        | 2802.    |
| " " of Tinnevely,                   | " 22nd " " "              | 794.     |

Resolution—dated 2nd March 1883, No. 590.

The present orders regarding the storage of famine tools are contained in G.O., Public Works Department, dated 15th March 1882, No. 668 W., communicated in the Revenue Department Order, dated 25th April 1882, No. 1328. Certain Collectors having represented that the tools so stored were deteriorating, and that they take up much valuable space in the public offices, Government desired to be informed of the views of the Collectors of other famine districts (G.O., dated 3rd November 1882, No. 2882 W.). The replies received to this reference are read above.

2. (a) The Collector of North Arcot would not dispose of the tools, as their storage at convenient localities will enable District Officers to lay their hands on them at a moment's notice on the advent of a famine. If the area affected were large, a sudden demand for tools from several districts might find the Public Works Stores unable to meet the requirements; or, even if able, it would take weeks before the tools could be properly distributed. To prevent their deterioration, the Collector suggests that the Public Works Department should gradually use them, replacing those taken by new tools. In 1880 the Local Fund Board of Chittoor offered to purchase some of these tools, but the proposal was vetoed by the Board and Government (G.O., dated 21st December 1880, No. 4193, Revenue Department).

(b) In South Arcot, the serviceable famine tools are stored in the Taluk Cutcherry buildings and do not cause any inconvenience, but the Collector thinks that they are deteriorating and should be made over to the Public Works Department for use on works; but if the department do not require them, they should be sold for the highest price they would fetch.

(c) In regard to the tools in Bellary, it has already been decided that such of them as may be required by the Executive Engineer in charge of the Bellary-Hubli State Railway should be handed over to him at rates to be settled with that officer (G.O., dated 16th November 1881, No. 1733, Revenue Department). No orders have yet been passed on the Collector's subsequent application to supply tools to the Bellary Local Fund Board at current market rates (Board's Proceedings, dated 12th August 1882, Mis. No. 6162, read in the G.O., dated 3rd November 1882, No. 2882 W., now under reference).

(d) The Collector of Chingleput stated some time ago that the famine tools are stored in an old Salt Office in the Cotar, adjacent to the Cutcherry, and are rusting owing to the damp nature of the climate; if tarred, they might perhaps keep better. He advised that a good many could be disposed of at a valuation to the Local Fund Board, but that unless something were done, they would in a year or two become rusty and useless old iron (Board's Proceedings, dated 17th October 1881, Mis. No. 9338).

(e) The Collector of Coimbatore proposes to sell to the Rigi Railway Company the famine tools which are now stored in Taluk Cutcheries and Government Choultries and are a source of great inconvenience. The Executive Engineer reported that he had neither any need for the tools nor had he at his disposal any place to store them in.

(f) In the Cuddapah District, it has already been brought to notice in the correspondence recorded in G.O., dated 15th March 1882, No. 668 W., that the famine tools in charge of Revenue Officers are all in the Pullampet Taluk and are stored in a shed attached to the Taluk Cutcherry, where they take up the space intended for the taluk establishment, who are in consequence over-crowded. The tools in other taluks are in charge of the Public Works Department.

(g) In Kurnool, the tools are mostly kept in Tahsildar's and Deputy Tahsildar's Cutcheries. Some of them are stored in a rented building in Kurnool town, but it is not stated what charge is incurred on that account. In Sirvel Taluk, some are preserved in the Chagulamari Sub-Registrar's office and others in the Sirvel Reddy's house. In the Koilkuntla Taluk, some are kept in the Owk village chavady; while in Cumbum, a store-room has been built purposely for these tools, probably during the famine. The Collector states that the tools are deteriorating, and that they take up much valuable space, and recommends that they be sold.

(h) The Collector of Madura reported in 1881 that the tools in that district took up a great deal of room, and their storage was a nuisance, and recommended their sale by public auction (G.O., dated 17th August 1881, No. 2142).

(i) The Collector of Nellore states that all serviceable tools are stored in Taluk and Divisional Offices, and that as their number is small, except in two taluks, they do not take up much space. He suggests their transfer to the Public Works Department, who have room for keeping them. He is not in favor of disposing of them by sale for two reasons—(1) They would not fetch their price; (2) they have the broad arrow imprinted on them, and might be substituted by dishonest contractors for new tools supplied by the Public Works Department for use on Government works. In regard to the latter objection, the Board believe that tools so marked have already been sold to the public, and further they are not aware whether tools in the hands of the Public Works Department always bear the mark of the broad arrow.

(j) The Collector of Salem recommends the sale by public auction of the tools, which are deteriorating, and which are not required by the Public Works Department. They are now kept in Taluk Cutcheries and other public buildings, and occupy much space which might be more usefully employed.

(k) There are only a hundred tools in Tinnevely. They are secured in the Collector's office, and are in good condition. The Collector thinks they may be utilized on Government works.



3. It is evident, from the reports above read, that in some districts the tools are more or less deteriorating, and that they take up in storage much space which can ill be spared. The Board, however, are strongly of opinion that it is a wise measure of precaution to retain these tools, even at a considerable cost, in case of emergency; and the general plan they would recommend for adoption to obviate present difficulties is that the tools be collected and placed in central store-houses, after being overhauled, and that the iron portions be well cleaned and tarred to preserve them from rust. Wherever possible, the central store-houses should be at the head-quarters or other station of the district where a jail exists, so that convict labor may be utilized for the work of preservation. The Collector might find some disused palace or Mahal (as in Vellore) or Fort Barrack or other Government building suitable for storing the tools, or which might be made so at a trifling expense. Where a suitable building in the vicinity of a jail is not available, one could probably be found in another central place in the district, but free labor would then have to be employed, unless sufficient prisoners from a Subsidary Jail were at hand (an unlikely contingency) for preserving the tools from rust, and the cost would have to be met on contingent bills, but the Board do not anticipate these charges would be heavy. If it should happen that in any particular district no such storage-room can be found anywhere, the tools could be sent to the central store of a neighbouring district, and this would be an easy course between districts connected by railway. In the disused Commissariat godowns at Ranipet and the old barracks at Arni an immense quantity of tools from adjacent districts might thus be stowed with ease. The chief cost in the plan proposed would doubtless be for carriage, but even the conveyance charges would not be great compared with the value of the articles preserved.

(A true Extract.)

(Signed) E. GIBSON,  
Acting Secretary.

No. 182.

ORDER—dated 28th March 1883, No. 940 W., Public Works.

The first step in the disposal of the tools collected for famine purposes is the separation of the serviceable from the unserviceable tools, and the disposal of the latter by public auction.

2. This having been done by Executive Engineers in communication with Civil Officers, the serviceable tools should be tarred over and stored away in central positions where there are old or disused buildings available for their custody.

3. Where such buildings are not available in any particular division, arrangements should be made by the Superintending Engineer for the storage of the tools of that division at the nearest place where accommodation is available.

4. No tools should be sent to the Public Works Stores at Madras, unless it is found absolutely impossible to provide accommodation for them elsewhere.

5. A list of the tools belonging to each division will be taken by the Executive Engineer, who will remain responsible for the custody, and who will inspect and report upon them once in every half-year.

(True Extract.)

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

To Superintending Engineers.  
„ the General Superintendent, Public Works Stores.  
„ the Revenue Department.  
„ the Board of Revenue.

Exd. A. F. Goodall.  
Spare Copies



  
GENERAL.  
ACCOUNT.

**Govt. of {1883} Madras.**  
**PUBLIC WORKS.**

*Dated March, 28th.*

*Recd.*

*Encl.*

**G.O., 28th March 1883, No. 940 W.**

**MARCH.**  
**Nos. 181-182.**

**Famine Tools**

*Regarding the disposal and storage of —.*

  
GENERAL.  
ACCOUNT.

**Govt. of {1882} Madras.**  
**PUBLIC WORKS.**

*To*

THE REVENUE DEPARTMENT,

&c., &c., &c.

*Dated March, 15th.*

*Issued*

*Recd.*

*Encl.*

*G.O., 15th March 1882, No. 668 W.*

**MARCH.**  
**Nos. 100-101.**

*Famine Tools.—Orders passed regarding  
the disposal of —.*



GOVERNMENT OF MADRAS.

PUBLIC WORKS DEPARTMENT.

15th March 1882, No. 668 W.

General.  
Account.

Read the following papers:—

No. 100. Proceedings of the Madras Government in the Revenue Department, dated 31st January 1882, No. 324.

No. 1. Proceedings of the Board of Revenue, dated 11th October 1881, Miscellaneous No. 9191, on letter from the Acting Collector of Cuddapah, dated 27th September 1881, No. 437.

WITH reference to the marginally noted correspondence, I have the honor to forward herewith a complete statement of all descriptions of famine tools remaining in the district up to date.

G.O., No. 995 of 21st August 1880.  
Letter to Government, No. 391 of 23rd November 1880, and G.O., No. 3980 of 2nd December 1880, communicated with Board's Proceedings, Miscellaneous No. 13540 of 8th December 1880.

2. The tools remaining in the several taluks are in charge of the Public Works Department except those that appear against the Pullampet Taluk,

which are still in charge of the Revenue Department as already reported to the Board of Revenue in this office letter No. 390 of 29th August last.

3. Of the 2,619 pick-axes entered against Pullampet 417 are stored in the Badvel Taluk Cutcherry.

4. The statement in question exhibits also a few of the articles ordered to be sold or sent to the Public Works Stores in paragraph 4 of G.O., No. 995 of 21st August 1880. It is not known why the Public Works Department have not carried out the order of Government.

|                               |     |     |     | Per Mensem. |    |    |
|-------------------------------|-----|-----|-----|-------------|----|----|
|                               |     |     |     | RS.         | A. | P. |
| Pulivendla                    | ... | ... | ... | 2           | 0  | 0  |
| Proddatur                     | ... | ... | ... | 2           | 0  | 0  |
| Jammalamadugu                 | ... | ... | ... | 1           | 8  | 0  |
| Kamalapuram in Cuddapah Taluk | ... | ... | ... | 2           | 0  | 0  |
| Madanapalle                   | ... | ... | ... | 2           | 0  | 0  |
| Vayalpad                      | ... | ... | ... | 2           | 0  | 0  |
| Kadiri                        | ... | ... | ... | 2           | 0  | 0  |

5. With the exception of the tools stored in the marginally noted private buildings in charge of the Public Works Department all the rest are in Government buildings.

SUBMITTED in original to Government.

No. 2. Proceedings of the Board of Revenue, dated 14th January 1882, Miscellaneous No. 212, on letter from the Acting Collector of Cuddapah, dated 13th December 1881, No. 559.

I HAVE the honor, with reference to your official memorandum, dated 9th instant, No. 1607, to forward the reply which was sent by the Executive Engineer to my letter asking, under Board's instructions, for particulars of the Government Orders under which he declined to take charge of the famine tools stored in the Pullampet Taluk Cutcherry.



2. You will see that the reply is totally irrelevant, and I did not therefore consider it worth while pursuing the matter, especially as I have subsequently visited Pullampet and have found the tools stored in a separate shed where they are not in the way, the only inconvenience being that they take up room which cannot be spared without crowding the clerks and office people in the remainder of the building.

SUBMITTED for the orders of Government, with the Board's recommendation that, if possible, the tools, which are a source of inconvenience to the Tahsildar's establishment, may be taken charge of by the Public Works Department.

REFERRED to the Public Works Department for favor of information why the instructions contained in G.O., dated 21st August 1880, No. 995, R.D., paragraphs 3 and 4, as to disposal of certain articles have not been complied with. Also whether it is not possible to carry out in Cuddapah the wish expressed in paragraphs 6 and 7 of the order.

2. The Board's suggestion in the second paper as to the charge of the tools at Pullampet might also be dealt with.

(True Extract.)

(Signed) C. G. MASTER,  
Secretary to Government.

No. 363 C.

REFERRED to the Superintending Engineer, Third Circle, for remarks.

10th February 1882.

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

No. 100-A. From Major J. PENNYCUICK, R.E., Superintending Engineer, Third Circle, to the Chief Engineer, Public Works Department, dated Bellary, 27th February 1882, No. 491.

In returning G.O., Revenue Department, No. 324 of 31st ultimo, I have the honor to state that G.O., No. 995, R.D., of 21st August 1880, does not appear to have been communicated to the late Superintending Engineer, First Circle.

2. It will be seen from paragraph 6 of my letter No. 187 of 5th January 1882, printed with G.O., No. 230 W. of 27th January 1882, that instructions have already been given for the collection of these tools from the different places where they are now stored, but I do not think it practicable to store them in any building belonging to this Department. Our accommodation is limited even for custody of our own tools and records, and wherever the famine tools are stored accommodation for them will probably have to be rented.

3. The tools at Pullampet can be taken over by this Department if desired, but if they are to be removed from their present locality, as seems to be desired, space for storeage will have to be rented.

4. At present rents aggregating Rs. 13½ monthly are being paid for the custody of tools in seven taluks of the Cuddapah District.

No. 101. ORDER THEREON, 15th March 1882, No. 668 W.

ORDERED that the letter from the Superintending Engineer, Third Circle, above recorded be communicated to the Revenue Department.

2. Proceedings of Government in the Revenue Department, No. 995, dated 21st August 1880, were sent to the Committee appointed in G.O., No. 2276 W., dated 1st October 1880, and so were not communicated at the time to Superintending Engineers.

The Committee's proposals with respect to the disposal of famine tools are given in paragraph 42 of their Report embodied in G.O., No. 914 W., dated 4th April 1881, but the Government of India subsequently, in their letters as per margin, approved the course proposed in the Revenue Department Order of the 21st August 1880, which runs as follows:—

|                                                                                                                                                                                                                                                                                                                                                                                                                  |                |           |           |        |          |            |          |                |              |  |                                                                                                                                                                                                     |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------|-----------|-----------|--------|----------|------------|----------|----------------|--------------|--|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>*                      *                      *</p> <p>“(2.) The Government now direct that all serviceable articles of the kinds</p> <table border="0"> <tr> <td>Axes.</td> <td>Mamoties.</td> </tr> <tr> <td>Crowbars.</td> <td>Picks.</td> </tr> <tr> <td>Jumpers.</td> <td>Pick-axes.</td> </tr> <tr> <td>Hammers.</td> <td>Rammers, iron.</td> </tr> <tr> <td>Ring gauges.</td> <td></td> </tr> </table> | Axes.          | Mamoties. | Crowbars. | Picks. | Jumpers. | Pick-axes. | Hammers. | Rammers, iron. | Ring gauges. |  | <p>marginally noted should be stored, wherever practicable without much expense, at the Taluk or Huzur Cutcheries or in Public Works Stores in the various districts as may be most convenient.</p> |
| Axes.                                                                                                                                                                                                                                                                                                                                                                                                            | Mamoties.      |           |           |        |          |            |          |                |              |  |                                                                                                                                                                                                     |
| Crowbars.                                                                                                                                                                                                                                                                                                                                                                                                        | Picks.         |           |           |        |          |            |          |                |              |  |                                                                                                                                                                                                     |
| Jumpers.                                                                                                                                                                                                                                                                                                                                                                                                         | Pick-axes.     |           |           |        |          |            |          |                |              |  |                                                                                                                                                                                                     |
| Hammers.                                                                                                                                                                                                                                                                                                                                                                                                         | Rammers, iron. |           |           |        |          |            |          |                |              |  |                                                                                                                                                                                                     |
| Ring gauges.                                                                                                                                                                                                                                                                                                                                                                                                     |                |           |           |        |          |            |          |                |              |  |                                                                                                                                                                                                     |

“(3.) All *unserviceable* tools of the nature specified, as well as the remaining articles named in the lists received from districts, should be sold by auction and proceeds credited to famine recoveries.

“(4.) Such things, however, as—

|                   |                    |
|-------------------|--------------------|
| Chains.           | Telescopes.        |
| Tapes, measuring. | Levels and Staffs. |

which are not properly famine tools, should be returned to Public Works Stores for repair in the first instance.

“(5.) When these instructions have been carried out, Collectors will send in a return in the form accompanying Circular Memorandum dated 5th January 1880, No. 1, showing what tools are left and where stored.

“(6.) In those districts where buildings are rented for purposes of storage, endeavour will be made to deposit all tools as directed in paragraph 2 above, or otherwise to reduce cost of keeping.

“(7.) The Government do not consider that any expenditure should be incurred for the custody or charge of the tools stored away in Cutcheries or Government buildings.

“(8.) The instructions now given do not apply to the Presidency Division. The return\* which has been sent in by the officer in charge will be transferred to the Public Works Department for disposal, with the remark that the majority of the articles described are not famine tools, and must appertain to the Public Works Department, and be dealt with accordingly by that Department.”

\* Dated 3rd March 1880, No. 4905.

3. These instructions will now be communicated to all Superintending Engineers for information and guidance. With regard to the Presidency Division, the Superintending Engineer, Fifth Circle, will report whether there are now in it any, and if so what, excess tools for the disposal of which specific orders are needed.

(True Extract.)

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

To the Revenue Department,  
with copies of Proceedings, No. 914 W., dated 4th April 1881,  
and No. 230 W., dated 27th January 1882.

To Superintending Engineers.  
To the Examiner of Public Works Accounts.

Exd. S. T. Austin.  
Spare Copies





GENERAL.  
ACCOUNT.

**Gobt. of {1882} Madras.**  
**PUBLIC WORKS.**

*To*

THE REVENUE DEPARTMENT,  
&c., &c., &c.

*Dated March, 15th.*

*Issued*

*Recd.*

*Encl.*

G.O., 15th March 1882, No. 668 W.

**MARCH.**  
**Nos. 100-101.**

*Famine Tools.*—Orders passed regarding  
the disposal of —.