30/11/12

of the Superintending
Engineer's present letter.

CG
13.12.84

1394 C d/ 9-8-84
1395 C d/ 9-8-84
1474 C d/ 2-9-84
827 C d/ 4-11-84
IV 7432 C d/ 26-10-84
1533 C d/ 24-5-84
1399 D d/ 9-8-84

WS
13.12.84

B. N. 3075 W.S. 13.12.8

To

The Sup. Engr. II Circle
Dy
13/12/84

Jd 20/12

B/

PUBLIC WORKS DEPARTMENT.

PROCEEDINGS OF THE MADRAS GOVERNMENT.

UNDER date the

READ the following

From the Supg: Engr. II Circle A.E. No. 281 G.L. d/ 2d. December /84

Recorded with reference to P.G. No. 2787 W dated 7th. November 1884, in which final orders were passed on the subject of the maintenance of a reserve stock of famine tools for the several Circles.

2. Provision was made, in para 8 of the Chief Engineer's Circular No 2453 C dated 8th. December 1883, for the adoption of the procedure suggested in para 5 of

---

Mch 10299

2787 W d/ 7/11/84
1943 C d/ 29/10/84
1474 C d/ 3/9/84
827 C d/ 4/4/84
1395 C d/ 9/8/84
[illegible] d/ [illegible]/8/84
1579 W d/ 2/7/84
391 D d/ 8/8/84
[illegible] d/ 7/8/84

From

The Superintending Engineer
(2d Circle)

11 DEC 84

To

The Chief Engineer
P. W. D.
Madras

Dated 2d. December 1884

Despd 8th do

Recd 11 do

No 281 G.L

Famine Tools which should be kept in hand – Stating that if the proposal suggested by him regarding the – is approved, he will revise his Indents and forward them to the Genl. Supdt. P. W. Stores.

No 281 GL

Superintending Engineer's Office,
2nd Circle, Buckingham Cana
2nd December 1884.

From

The Superintending Engineer,
2nd Circle.

To

The Chief Engineer,
Public Works Department

Sir,

I have the honor, with reference to your Memo No 1,743 C: of the 29th October, to state that, I find it very difficult to come to any conclusion regarding the quantity of tools which should be kept in hand against the contingency of a severe famine declaring itself, necessitating the conversion of the Delta works into Relief works.

2 I find on referring to the Review of the Madras Famine 1876-78, that the maximum No of laborers on Relief works in any month, was 28,567 in the Kistna, in September 1877; and 97,678 in Nellore in August 1877; this was respectively 8 and 7 months after severe famine had declared itself in December 1876.

3. I think it would suffice if tools were kept in Stock for about $\frac{1}{3}$ of these numbers, for it is to be remembered that many of the Ordinary laborers would bring their own tools, if works were opened promptly, that is, if there were works available before the ordinary laboring classes were so pinched by high prices as to have sold their tools

4. This would necessitate Tools being in Stock for say 15,000 Coolies in the Kistna, and 33,000 in Nellore; or about $1\frac{1}{2}$ times as many as were entered in the Indents, referred to in my No. 176 Gl: of the 28th August last.

5. Whenever the tools are procured, I would suggest, that they be kept circulating, that is, each year's tools required for Ordinary work, should be drawn from famine Stock, and replaced by equal numbers of new tools. This would ensure, the famine tools being newer, and as a rule, in better condition than if stored and never renewed.

Provision is made for this in the original Circular. – R.S. 11.12.84

6. If the above proposal is approved I will revise my Indents and forward them to the General Superintendent, Public works Stores.

I have the honor to be,
Sir,
Your most Obdt. Servant
J. W. Rundall
Superintending Engineer,
2nd Circle

Compd. SW

278 X d/ 9/11/84
2743 C d/ 29/10/84
1474 C d/ 3/9/84
827 C d/ 4/4/84
345 C d/ 9/8/84
34[illegible] D d/ [illegible] 84
257 D d/ 2/7/84
371 D d/ 8/8/84
[illegible] D d/ 7/8/84

Arch 10299

From

The Superintending Engineer
(2d Circle)

11 DEC 84

To

The Chief Engineer
P. W. D.
Madras

Dated 2d December 1884

Despd 8th do

Recd 11 do

No 281 GL

Famine Tools which should be kept in hand - Stating that if the proposal suggested by him regarding the - is approved, he will revise his Indents and forward them to the Genl. Supdt. P. W. Stores.

SAW

(1)

C. 28. 8. 84 7. 20. 10. 84

Statement Shewing the Quantities of Famine Tools now in Store in each Circle.

Circles	Description of Tools.																		Remarks
	Axes, Country	Do, Felling	Do, Pick	Brandstamping brass	Bill-hooks	Cash chest	Chains	Crowbars	Hammers hand	do-Sledge	do-Stone breaking	Jumpers	Mamooties	Picks, 5 lbs.	Rammers	Rod measuring	Wedges 5 to 10 lbs.	Ring guages	
I	—	—	186	—	—	—	—	658	225	—	—	—	377	—	436	—	—	—	
II	14	—	185	—	—	3	20	3302	—	—	2046	—	3508	—	—	—	—	—	
III			118,000	—	1000	—	—	18,000	85,000	—	—	2000	119,000	—	—	—	—	—	
IV	271	281	66,046	28	238	35	3	25,795	28,928	325	23,369	1113	65,139	675	2750	3	2	33	
V	—	—	1172	—	—	—	—	700	2297	—	—	—	8582	—	173	—	—	—	
VI	—	—	6400	—	—	—	—	1500	3,500	—	—	—	7,000	—	—	—	—	—	
Grand Total	285	281	191,989	28	1238	38	23	49955	119,950	325	25415	3113	203.606	675	3359	3	2	33	

27/8

Abstract List of Tools and Plant required by Superintending Engineers to be held available for Famine Relief Works

Description	Number	Rate			Amount		Remarks
Axes Felling 6 lbs	5619	2	12	-	15,452	4	
" Country	6634	3	3	-	21,145	14	
" Pick 5 lbs	20656	-	12	-	15492		
Bars, tamping, brass 5' - 1" hole	2932	5	4	-	15393		
Basket Wicker	44736	-	-	6	1398		
Bill Hooks 2½ lbs	7651	1	-	-	7651		
Chest Cash W. I. large 4'×3'×2½'	11	300	-	-	3300		
" " " Small	289	100	-	-	28900		
Crowbars 14 lbs	16884	1	4	-	21105		
" 16 lbs	1250	1	5	-	1640	10	
Hammers sledge 10 lbs	5046	1	11	-	8515	2	
" " 8 lbs	550	1	7	-	790	10	
" Hand 2 lbs	30550	-	13	-	24821	14	
" Stone breaking 3 lbs	6148	1	-	-	6148		
" " 2 lbs	2000	-	11	-	1375		
Tampers Steel 6' - 1" hole	2287	5	12	-	13150	4	
Knives, Country for Pricklypear	5517	-	12	-	4137	12	
" " for Grass	5800	-	8	-	2900		
Mamooties 5 lbs	2922	1	-	-	2922		
" 6 lbs	17835	1	2	-	20064	6	
" 7 lbs	17836	1	4	-	22,295		
Measures Tin for issuing food	384	-	4	-	96		Size not known
					238693	12	

Description	Number	Rate			Amount		Remarks
					238693	12	
Measures Tin one Seer	246	-	3	-	46	2	
" " Half Seer	246	-	2	6	38	7	
" " Quarter Seer	246	-	2	-	30	12	
Needles, pruning Copper 5 feet	1960	2	-	-	3920		
Picks 5 lbs	11153	1	-	-	11153		
Rods, measuring 10 feet Teak	2233	2	8	-	5582	8	
Rammers Cast Iron 14 lbs	10498	1	2	-	11810	4	For road & earth works.
Scales with Chains & platform 5 cwt	285	145	-	-	41325		
" to weigh Rs 500/ with weights	96	70	-	-	6720		
Wedges Iron 5 lbs	877	-	15	-	822	3	
" " 6 lbs	877	1	2	-	986	10	
" " 8 lbs	877	1	8	-	1315	8	
" " 10 lbs	877	1	14	-	1644	6	
Weights Cast Iron 56 lbs	2850	4	11		13359	6	
" " " 28 lbs	285	2	2	-	605	10	
" " " 14 lbs	285	1	4	-	356	4	
" " " 7 lbs	285	1	-	-	285		
" " " 4 lbs	285	-	15	-	267	3	
" " " 3 lbs	285	-	15	-	267	3	
" " " 2 lbs	285	-	11	-	195	15	
" " " 1 lbs	285	-	9	-	160	5	
" " " 1/2 lb	285	-	6	-	106	14	
" " " 1/4 lb	285	-	5	-	89	1	
Mortar pans 15"×5"							For cleaning rice
					339781	5	

Description	Number	Rate			Amount		Remarks
Instruments							
Chains I. Galvd. meas: 100 feet	444	5	-	-	2220		
Levels Abney's Pocket	132	21	4	-	2805		
Levelling Instrument Dumpy 14"	22	154	10	-	3401	12	
" " " 12"	144	134	1	-	19305		
Mathl. Insts. Fish skin cases small	176	3	-	-	528		
" " Box third class	11	10	8	-	115	8	
Prismatic Compass with stand	160	63	-	-	10080		
Staves Levelling Telescopic	262	22	-	-	5764		
Tapes Metallic measuring 100 feet	536	5	-	-	2680		
" " " 50 feet	55	3	2	-	171	14	
					47071	2	

Abstract

Tools including value of Mortar pans.	339781	5 -
Instruments	47071	2 .
Rs. –	386,852	7

Appendix B.

List of Famine Tools to be supplied

	I Circle	II Circle	III Circle	IV Circle	V Circle	VI Circle	Total
Axes, Felling, 6 lbs	500	500	1000	1000	500	500	4000
Bill hooks, 2½ lbs	500	500	1000	1000	500	500	4000
Crowbars, 14 lbs	1500	"	"	"	1500	1500	4500
Hammers, stone breaking, 3 lbs	1000	1000	"	"	"	1000	3000
Mamoties, 6 lbs	5000	5000	"	"	5000	5000	20000
Picks, 5 lbs	1500	1500	"	"	1500	1500	6000
Rammers, cast iron, 14 lbs	500	1000	3000	1000	1000	1000	7500

Statement of the [illegible]
[illegible] Circles

Appendix A

B.9.10.84

Statement of the Income
demand by Circles

Appendix A

20 Feb

R. 9.10.84 R. 9.10.84

Detailed Statement of Tools and Plant required by Superintending Engineers to be held available for Famine Relief Works.

Description of Articles	I Circle			II Circle			III Circle			IV Circle			V Circle			VI Circle			Grand Total
	No. Indented for	Do. in Stock	Total	Do. Indented for	Do. in Stock	Total	No. Indented for	Do. in Stock	Total	Do. Indented for	Do. in Stock	Total	No. Indented for	Do. in Stock	Total	Do. Indented for	Do. in Stock	Total	
Axes Felling 6 lbs	150	·	150	750	″	750	[illegible]000	″	2,000	2119	281	2,400	600	″	600	″	″	″	
″ Country	″	″	″	286	14	300	5000	″	5,000	798	271	1,069	″	″	″	550	·	550	
″ Pick 5 lbs	″	186	186	1315	185	1,500	12000	118,000	130,000	″	66,046	66,046	2828	1,172	4,000	4513	6,400	10,913	
Bars, Camping, Crass 5′–1¼″ hole	″	″	″	″	″	″	2000	″	2,000	932	28	960	″	″	″	″	″	″	
Basket Wicker	″	″	″	″	″	″	″	″	·	44736	″	44,736	″	″	″	″	″	″	
Bill Hooks 2½ lbs	″	″	″	300	″	300	4000	1,000	5,000	2461	238	2,699	340	″	340	550	″	550	
Chest Cash W. I. large 4′×3′×2½′	″															11			
″ ″ ″ Small	30	″	30	27	3	30	100	″	100	61	35	96	16	·	16	55	″	66	
Crowbars 14 lbs	3000	658	3,658	″	3,302	3,302	4000	18,000	22,000	5684	25,795	31,479	4200	700	4,900	″	1,500	2,750	
″ 16 lbs																1250			
Hammers sledge 10 lbs		″	″	″	″	″	2000	″	2000	3046	325	3,371		·	″		″	550	
″ ″ 8 lbs																550	·		
″ ~~Hand~~ 2 lbs	″	225	225	″	″	″	12000	85,000	97,000	18,550	28,928	47,478	″	2,297	2297	″	3,500	3,500	
″ Stone breaking 3 lbs		″	″	954	2,046	3,000	5000	″	5,000	″	23,369	23,369	194	″	194	″	″	″	
″ ″ 2 lbs																2000		2000	
Jumpers Steel 6′ – 1″ hole	″	″	″	″	″	″	1500	2,000	3,500	587	1,113	1,700	200	″	200	″	″	″	
Knives Country for Prickly pear	·	″	″	597	″	597	2000	·	2,000	1920	″	1,920	1000	″	1,000	″	″	″	
″ ″ for Grass	″	″	″	″	″	″	1000	″	1,000	4800	″	4800	·	″	″	″	″	″	
Mamooties 5 lbs				2522			400			″			″			″			
″ 6 lbs	4500	377	9,377	″	3,508	6,030	400	119,000	120,200	3502	65,139	72,144	4689	8,582	17,961	4744	7000	16,487	
″ 7 lbs	4500						400			3503			4690			4743			
Measures Tin for issuing food	″	″	″	″	″	″	″	″	″	384	″	384	″	″	″	″	″	″	
″ ″ One Seer	″	″	″	·	″	″	100	″	100	96	″	96	50	″	50	″	″	″	
″ ″ Half Seer	″	″	″	″	″	″	100	″	100	96	·	96	50	″	50	″	″	″	
″ ″ Quarter Seer	″	″	″	″	″	″	100	″	100	96	″	96	50	″	50	″	″	″	
Needles priming Copper 5 feet	″	″	″	″	″	″	1000	″	1000	960	″	960	″	″	″	″	″	″	
Picks 5 lbs	″	″	″	″	″	″	7000	″	7,000	4153	675	4,828	″	″	″	″	″	″	
Rods measuring Teak 10 feet	″	″	″	″	″	″	1500	·	1,500	573	3	576	50	″	50	110	·	110	
Rammers Cast Iron 14 lbs	″	436	436	1200	″	1,200	5000	″	5,000	1201	2,750	3,951	1447	173	1,620	1650	″	1,650	

Detailed Statement of Tools and Plant required by Superintending Engineers to be held available for Famine Relief Works.

Description of Articles	I Circle			II Circle			III Circle			IV Circle			V Circle			VI Circle			Grand Total
	No. Indented for	No. in Stock	Total	No. Indented for	No. in Stock	Total	No. Indented for	No. in Stock	Total	No. Indented for	No. in Stock	Total	No. Indented for	No. in Stock	Total	No. Indented for	No. in Stock	Total	
Scales with chains & platform 5 cwt	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" to weigh Rs 500/- with weights	"	"	"	"	"	"	"	"	"	96	"	96	"	"	"	"	"	"	
Wedges Iron 5 lbs	"	"	"				500	"	2000	239	"	860	"	"	"	137	"	550	
" " 6 lbs	"						500	"		240	"		"	"	"	138	"		
" " 8 lbs	"			"	"	"	500	"		239	2		"	"	"	137	"		
" " 10 lbs	"						500	"		140	"		"	"	"	138	"		
Weights Cast Iron 56 lbs	300	"	300	"	"	"	500	"	500	1920	"	1920	130	"	130	"	"	"	
" " 28 lbs	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 14 lbs	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 7 lbs	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 4 lbs	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 3 lbs	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 2 lbs	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 1 lb	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 1/2 lb	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
" " 1/4 lb	30	"	30	"	"	"	50	"	50	192	"	192	13	"	13	"	"	"	
Mortar pans 15' x 5'	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	
Ring gauges	"	"	"	"	"	"	"	"	"	"	33	33	"	"	"	"	"	"	
Chains Iron Galvd measuring 100 feet	"	"	"	10	20	30	100	"	100	192	3	195	54	"	54	88	"	88	
Levels, Abney's, Pocket	"	"	"	"	"	"	36	"	36	96	"	96	"	"	"	"	"	"	
Levelling Instrument Dumpy 14"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	22	"	22	
" " " 12"	"	"	"	4	"	4	36	"	36	96	"	96	8	"	8	"	"	"	
Mathl Insts Fish Skin Case small	"	"	"	"	"	"	80	"	80	96	"	96	"	"	"	"	"	"	
" " Box third Class	"	"	"	"	"	"	"	"	"	"	"	"	"	"	"	11	"	11	
Prismatic Compass with stand	"	"	"	"	"	"	36	"	36	96	"	96	6	"	6	22	"	22	
Staves Levelling Telescopic	"	"	"	4	"	4	36	"	36	192	"	192	8	"	8	22	"	22	
Tapes Metallic measuring 100 feet	"	"	"	"	"	"	100	"	100	288	"	288	126	"	126	22	"	22	
" " " 50 feet	"	"	"	"	"	"	"	"	"			"	"	"	"	55	"	55	

Statement of the [illegible]
demanded by Circles

Appendix A

O.9.10.84 R.10.10.84

Should it be found necessary to make an urgent demand for same.

(2) What would be, roughly speaking, the weight of the mamooties and picks that could be supplied, and the average cost of same?

Approximate figures as to the quantities of tools likely to be so available from (1) Calcutta (2) Bombay on emergency are all that is required.

I have the

Sd/ C.B.
D.W.

No 1341 D d/ 1-8-84
G.O.B 1659 W d/ 2-7-84

No 1395 C d/ 9-8-84

[illegible]
9/8/84

EK 14/8 Jd 11/8

P W Deptt

Chepak 9th August/84.

No 1395 C

To

(1) The Secretary to the Govt
of Bengal, P W Deptt

(2) The Secretary to the
Govt of Bombay
P W Deptt

Sir,

I shall feel much obliged by your obtaining for me the following information at your very earliest convenience:—

(1) What supplies of serviceable tools – viz Mamooties, picks, stone-breaking hammers & crowbars — Could the Madras Government depend on getting from the Govt Stores at (1) Calcutta (2) Bombay or in the market there,

should

O. 9.10.84

S.a.w.

The stock seems miserably small. Have last indents on hand included tools of the description referred to herein?

CS
4.8.84

Only 800 stone-breaking hammers coming out. CS
5.8

B. No 1659 W. d/ 2nd July 1884
No 1341 D. " 1st Augt 1884

OLS. 31/8

O. 5.8.84 R. 8-8-84

Urgent

No. 1341 D. Indt 6457

GOVT.
OF MADRAS. } 188 . { P. W.
DEPT.

SECRETARY.

Chepâk, 1st August 1884
Recd 4

En 1

OFFICE NOTE.

(9)

To

The Genl Supt P.W. Stores

Please furnish me soon, with a return of all the tools, such as picks, mamoties, hammers, crowbars, rammers, &c. required for earth and road works, now available for issue from the P.W. Stores.

CS

Dw

No 1395 C of 9-8-84
1.8.84

The required return is herewith sent.

W C Bouldden
2/8/84

To.

W

Famine tools.

A few days ago I sent up a note on famine tools. News I received this morning from Bangalore to the effect that the out-look was alarming, in consequence of rain still holding off, reminded me of the subject.

Capt. Haddeley tells me that the stock of tools in the P.W. stores is low (I have asked him to let me have an exact statement), & it occurs to me it might be wise to set to work to increase our stocks.

Rammers for road works are likely to be required in considerable quantities, should relief works be undertaken even on a small scale in the rainless districts contiguous to Mysore. The manufacture of these at the Foundry would be suitable work to begin on.

Cast-iron wheels for wheel-barrows might also be made, as they are likely to prove useful.

As regards picks, mamoties, hammers, &c, I shall look through the returns & see what are available in the different Circles. I will then write again on the subject.

CG.

1.8.84

To D.W. Urgent:

With respect to your attached notes dated 1st & 5th on subject of famine tools.

I have just initialled reminder to S.E.s calling for lists of those tools in their Circles. but it might be as well to remind them by wire.

I shall be obliged if you will at once communicate with Bombay & Calcutta, & ascertain what supplies of serviceable tools we could depend on getting from Govt. stores, or in the market. I think it would be desirable for you to make the reference.

Orders might be given to the P.W. Shops to make up a certain quantity of iron rammers. Wheels for barrows & other such articles, in anticipation of receipt of the Circle returns.

I shall be glad to receive any further suggestions on the subject from time to time.

6.8.84

P.W. Genl / 6457/84

To W.

The accompanying list, which I have procured from the P.W. stores, shows that the stock of tools is altogether insufficient to meet the demands that may be expected to come in if relief works on even a moderate scale are inaugurated.

We have no information in this office as regards the stocks of tools in the several circles, & it might be well to procure at once lists of what are available in each Division. On emergency of course the surplus tools in one Circle could be transferred to any other Circle running short of requirements.

Perhaps I might communicate privately with some responsible officers at Bombay & Calcutta in view to ascertaining what supplies could be obtained from the Govt. stores there or in the markets. Or, this could best be done through the Supdt. P.W. Stores & workshops.

Should we have to indent on these places care will be required to avoid our being flooded with rubbish as was the case in 77-78.

CCS.
5-8-84

DW. The Office copy of the Home Indent is lodged in the P.W. Stores Office, & it will be called for if desired.

The last bi-monthly return of Stores under provision from Home, however, shows that only 500 stone breaking hammers are coming out.

Cu
4/8/84

Saw.

Not necessary. I have ascertained from Capt. Huddley that none are indented for. CCS.

C.O. 1-8-84. 8-8-84

List of Tools, available for issue from the Public Works Stores for use on Earth and Road Works.

Name of Articles	No.	Remarks.
Axes Pick 7 lbs	3386	
" Hand 3 lbs	319	
" Felling 5 lbs	"	
Crowbars 24 lbs	"	
" 16 lbs	"	
" 14 lbs	"	
Chest Cash	5	Chubbs not suitable for Famine Works.
Bars Tamping Brass 1½" hole 3 feet	61	
" " " 2½" " 3 feet	50	
" " " 3" " 4 feet	46	
" " " 1" " 3 feet	33	
" " " 1" " 5 feet	62	
Hammers Stone-breaking Steel 12 lbs	339	
" " " 10 lbs	190	
" " " 8 lbs	16	
" " " 5 lbs	794	
" " " 4 lbs	500	
" " " 3 lbs	1,000	
" " " 2 lbs	1,000	
" " " 1 lb	137	
" Hand 4 lbs	734	
" " 3 lbs	20	

Name of Articles	No.	Remarks.
Hammers Hand 2 lbs	437	
" Stone cutting Axe faced 14 lbs	165	
Hooks Bill Europe	891	
Jumpers Steel Octagon 7/8"	115	
" " 1"	112	
" " 1⅛"	402	
" " 1¼"	66	
Needles Pruning Copper 4 feet	58	
Mamooties Europe 5 lbs	2,000	
" " 6 lbs	1776	
" " 7 lbs	891	
" " 8 lbs	1037	
" " 10 lbs	1956	
" " Bengal pattern 3 lbs	1972	Not suitable for Madras labourers
" " " 4 lbs	4203	
" " " 5 lbs	639	
" " " 6 lbs	231	
" " " 7 lbs	93	
" " " 8 lbs	20	
Picks 10 lbs	1006	Do do
" 6 lbs	82	
Rammers Cast Iron round 28 lbs	47	These are unduly absurdly heavy.
" " Oval 17 lbs	25	
Scales with beam to weigh 5 cwt	"	
" " 10 cwt	"	
Trowels large	574	
" Small	599	
Weights Cast Iron 56 lbs	137	
" " 28 lbs	1	
" " 14 lbs	"	

Name of Articles	No.	Remarks.
Weights Cast Iron 7 lbs	"	
" " " 4 lbs	26	
" " " 2 lbs	"	
" " " 1 lb	"	
" " " ½ lb	72	
" " " ¼ lb	85	

P. W. Stores
Madras 2nd August 1884

, Captain R.E.
Genl. Supt. P. W. Stores.

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 famine 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.

To
Major [illegible]
Under Secretary to Govt. Bengal
P.W.D.

Sir,
I shall feel much obliged by your obtaining for me the following information at your very earliest convenience:—

(1) what supplies of serviceable tools — viz: mamooties, picks, stone-breaking hammers, & crowbars — could the Madras Govt. depend on getting from the Govt. stores at Calcutta or in the market there, should it be found necessary to make an urgent demand for same?

(2). What would be, roughly speaking, the weight of the mamooties & picks that could be so supplied, and the average cost of same?

Approximate figures as to the quantities of tools likely to be so available from Calcutta are simply all that is required.

I have &c.

C.J.

8-8-84

Similar letter to Secty. Bombay.

188 4.

P. W. DEPARTMENT.

Current No. 7015

From The Supg Engine
VI Circ

Enc

No. 771 IJ

Dated 19-8-84

Received 22-8-84.

SUBJECT.

Forwarding Indent for Ham
Tools required

DISPOSAL.

No, 1474 C Dated 2d September

Forwarded t
the General Super
-intendent, P. W.
Stores, in continu
-ation of No. 827
d/ 4th April/84.

(B.O)

/sd/ C.B.
D.E.W.

Ded
2/9/84

4/9

P. W. DEPARTMENT.

Current No. 2931

From The Supdg. Engr. I Circle

No 3723 G.D.

Dated 27th March 1886.

Received 2/4/86.

SUBJECT.

Indent on the General Supdt: of Public Works Stores Madras for Tools &c for Famine relief Works.

DISPOSAL.

No. 827 C Dated 4th April/86

Transferred to the General Supdt. P. W. Stores, for compilation with reference to para 8 of Circular No. 2453 C d/ 8th December/83.

(By order)

(Sgd) C. B. [illegible]
Dy. Ch. Engr.
P. W. D.

DGW

5/4

~~Entd in Recpt Regr~~ [illegible] 3/6/86

Deferred Telegram

To. S.E. III Circle

Submit at once to the Genl Supt P.W.S. indent for Tools and Plant required to be kept in Stock for Famine Relief works —

Cy
15.9

Despd. 15/9/84

I.O.
16/9

S. Es: Telegram

Please wire what works are available in your Circle for relief works should such become necessary.

C.J.
8-8-84

Dispd. 8/8/84

Remdr. sent by wire to S.E. II - 23/8/84.
Reply recd. 27-8-84

To
Supg: Engrs
I II III IV & VI Circles
Office Note. to
S E V Circle -

Has this telegram been despatched as yet. I understand from Capt. Uddaley that he received S.G.'s Indent on Saturday.

CA

D.W.
The Telegram was despatched last evening-

R.F.
16/9/84

Seen
CA