(1) பக்கங்களின் எண்ணிக்கை 54

(2) புதுக்கித் திருப்பிய நாள் 6.90

(3) ஆதாரங்குறிப்பவர் சுருக்கொப்பம்

தமிழ்நாடு ஆவணக் காப்பகம்.

தமிழ்நாடு அரசு

வேளாண்மை துறை

அரசாணை எண்.
மு. கோப்புத் தாள் எண். 1792 W

அச்சகம்
பலவகை

நாள் : 10 . 7 . 1893 .

மடிக்கவோ கண்டபடி கையாளவோ கூடாது

-ஆவண. கா-1—18,006—15-6-87.

PRESIDENCY P. W. WORKSHOPS,

No. 15 W.
165

Madras, 19th May 1893.

1792

From

L. L. WICKHAM, ESQ.,
GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,

To

THE Superintending Engineer,
5th Circle
Madras

SIR,

ENCLOSURES.

I have the honor to report that owing to the difficulty in complying with a recent large indent for various sundries required for Periyar Project, I am availing myself of the Whitsuntide holidays, to have a personal interview with the Superintendent of Work Periyar Project

2. I request that you will be good enough to obtain the necessary sanction. The indent was only received two days ago, and there has been no time to get previous sanction

I have the honor to be
Sir
Your most obedient servant

W.R.
1915

L. L. Wickham
Genl Supt P.W. Workshops

Presidency P. W. Workshops

From

THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,
Madras,

To

SUPERINTENDING ENGINEER'S OFFICE
CHEPAUK
20 MAY 93
No. 1203 Public
P. W. D. 5th CIRCLE

No. ____ W.

SUPERINTENDING ENGINEER'S OFFICE
CHEPAUK
2 JUN 93
No. 918 Public
P. W. D. 5th CIRCLE

Dated ____
Despatched ____ 189 .
Received ____

No. OF ENCLOSURES.

Subject.

(Copy)

No 1823
-3-93.

Submitted to the Chief Engineer P. W. Department - for sanction - under Article 1137 P. Civil Service Regulations

No 152 P.W.S.

A Sub-ordinate entrusted with the Indent cannot in any way both the Workshops & Contractors with the Indent & if any Indent received is found to be wrong it should be returned to the Officer at the Public expense & in the Indent entrusted & cancelled sent in any case he recommended.

J. Clarence

To be returned

PW 5-5 5411/93

1792
2

No. 19 W. PRESIDENCY P. W. WORKSHOPS,
S. 6-5
Madras, 30 May 1893.

From

L. Wickham Legge
GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,

To

THE *Superintending Engineer*
5th Circle
Madras

SIR,

With reference to your Endorsement
Encl. 1. No. 152 P.W.S. dated 22nd May 1893 on this office
No. 1555 5th dated the 15th Instant I have the
honor to inform you that the Indent was
not for simple Stores, but for over 50 parts of Machinery
required to be made for the Periyar Project. These
articles were urgently required, and as could
not understand the Indent, nothing short of a
personal interview would enable me to carry
out the orders. When every other similar Indent
from Periyar has been received in this office, one
of the officers of the Project has been sent at the
same time to give the necessary information
which cannot possibly be given otherwise
than by a personal interview

2 In this case, the original Indents
will have to be almost entirely revised.

My

My visit has not been to Periyar but to Kodaikanal which is the Head Quarters of the Superintendent.

I do not think any one would undertake the journey for the sake of a two days on the Hills, nor should I, if it had not been absolutely necessary.

I therefore again request that you will be good enough to get the necessary sanction.

I have the honor to be
Sir,
Your most obedient servant

L. L. Hickson
Genl. Supt. P.W. Workshops

H.R.
26/5

5-47/87-88

No 63 SE 5th
7-6-93
No 161 P.W.W.

3

To Superintending Engineers
As the question will have to be submitted for the orders of Govt, full information will be required, as to the nature of the articles intended for, a copy of the indent should be sent in. For particulars of machinery indented for, the Indent should be accompanied by detailed drawings of the parts, from which it should be possible to make them & to the necessity for having recourse to a Special officer or agency. It not yet clear. J C Lawrence
Tobe returned SE 5 1/6

SUPERINTENDING ENGINEER'S OFFICE CHEPAUK 23 JUN. 93 P. W. D. 5th CIRCLE.

Presidency P. W. Workshops.

From
THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,
Madras,

SUPERINTENDING ENGINEER'S OFFICE CHEPAUK 2 JUN. 93 No. 1614 P. W. D. 5th CIRCLE.

To

No. _____ W.

Dated _____
Despatched _____ 189
Received _____

No. of Enclosures.

Subject.

E.I.
Plus 5/8/6/93

1282/3

Original

P. W. D. Madras
Form No. M. P. - Part I

No. 1 Periyar Pr. Division - Madura District

Indent on Pr. Workshop Depôt for stores &c. wanted for use of the above Div., for the Mth of 1903

Quantity in Stock	Description of Stores	Quantity required No.	Unit	Purpose for which required
1	2	3	4	5
	Brasses, exact bore three inches as per pattern	48	Nos.	Stone Crusher
	Brass Bushes exact bore two inches and a half, as per pattern	48	Nos.	
	Brasses in two halves length 11/4 inches bore 2 1/2" as per pattern	16	Nos.	Disintegrators
	Brasses in two halves length 9 3/8" inches, bore 2 1/4" inches as per pattern	16	Nos.	
	Cast Iron Plummer block bearing as per pattern	4	Nos.	Belt Conveyor
	Steel friction Clutches must be made exactly to pattern with two pairs of brought Iron Collars for fork lever	2	Nos.	Main Shaft Driving Wheel
1	Cast Iron Pulley in two halves Diameter one foot bore of bosses 3"x4" keyway full length 5/8" x 1/4" deep rim of pulley 6" inches with 5/8" Inch Bolts and Bolt holes complete	1	No.	
	Cast Iron Swing Block Keeps as per pattern sent	12	Nos.	
	Cast Iron Crank Shaft back Keeps as per pattern	6	Nos.	
	Rocking Pin Keeps as per pattern	12	Nos.	

P.W.O.

Original

No 1 Periyar P.W. Division - Madura District

Indent on P.W. Workshops Depôt for Stores wanted for use of the above Division No 4 of 1893

(Continued)

1727/4

SUPERINTENDING ENGINEER'S OFFICE. 23 JUN. 93 No. 2/165 P. W. D. 5th CIRCLE.

Quantity in stores	Description of Stores	Quantity required No	Quantity required Unit	Purpose for which required
1	2	3	4	5
	Cast Iron Sleeve as per pattern	6	Nos	
	Steel Rocking strap-pin as per pattern	6	Nos	
	Steel swing block-pin as per pattern	6	Nos	
	Steel Little End-pin as per pattern	12	Nos	Stone Crusher
	Steel Crank Shaft the one now sent to be straightened and Cast Wheels to be bored, bushed and re-fitted on to Shaft (urgent)	1	Nos	
	Cast Iron Tapes back Wedge with tie screw and break handle as per pattern	6	Nos	
	Beaton's 2 Ton Differential Pulley Block with Chains complete	1	Nos	
	Cast Iron Washers with groove in centre as per pattern	24	Nos	Main Shaft Driving Wheel
	Cast Iron Washers without Groove as per pattern	24	Nos	
	Cast Iron Carriers for Spiral Conveyor with steel set screw and Bolt holes on flange as per pattern	24	Nos	

Station Kodaikanal
Dated 13th May 1893

(Signed) Jno Hutton
Asst Engineer in charge Store

Sanctioned & transmitted to Supdt Workshops for compliance

(True Copy)

L Allen Rham
Executive Officer

for Supdt P.W. Workshops
13th May 1893

P.W.D. Madras
Form No. M-70, Part I

No I Periyar Division Madura District

Indent on P.W. Workshops for Stores wanted for the use of the above Division No 2 of 1893

1732/5

SUPERINTENDING ENGINEER'S OFFICE. CHEPAUK. 23 JUN. 93 No. 2/166 P. W. D. 5th CIRCLE.

Quantity in stores	Description of Stores	Quantity required No	Quantity required Unit	Purpose for which required
1	2	3	4	
	Cast Iron Axle Boxes (as per pattern sent)	36	Nos	Tramway Trucks
	Truck couplings (as per pattern sent)	12	Pairs	
	Dog Bolts size 4 Inches	100	Nos	Machine Tramway
	Belt Screws (as per pattern sent)	1	Gross	General Machinery
	Cast Iron Plummer Block required as per wooden model with tin gauges. Back to be planed or faced true. bolt holes to go through with Bolts & complete	1	No	Vertical Main Shaft bearing
	Note. After turning and facing bore, please check carefully with the tin Gauges			
	Braces as per wooden model with tin gauges to be turned & faced to fit Gauge	4	Pairs	Ropeway Driving station.
	Saddle Bolts with Nuts (Gas thread) as per Wooden pattern. Thread to be 2" in length	25	Nos	Ropeway
	Clutch of forged steel with Keyway full length 5½" Wide ½" deep Bore 2½" as per pattern	1	Pair	Main Worst

P.T. Over

Original.

No I Periyar Division P.W.D. Madura District

Indent on P.W. Workshop Dept for Stores to be wanted for the use of the above Division No 2 of 1893. (continued)

Quantity in Stores	Description of Stores	Quantity required No	Unit	Purpose for which required
1	2	3	4	5
	Coach or wood screws 7/8" x 6" long	2	Dozen	Derrick
	Do 3/4" x 5" —	2	Dozen	Cranes
	Do 5/8" x 4" —	2	Dozen	Grooved
	Do 1/2" x 3" —	2	Dozen	Wheel Keyway &
	Gauge glasses 5/8" outside Diameter	1	Dozen	Stock
	Do 1/2" "	1	Dozen	
	Steam Gauges Pointers to indicate up to 120lb to the square inch	3	No	
	Cast iron Brackets as per pattern sent			6 H.P. Engine
	Steel Gudgeon Pins as per Wooden pattern	1	No	
	Chain of the very best Lowmoor Iron 5/8" diameter as per sample link sent		Per foot	Derrick Crane

Note. The above chain must be tested to a proof strain of not less than 4 Tons.

(-3) Station Kodaikanal
5/6/93 Dated 9th May 1893

(Captn Stratton
Asstt Engineer in Ch. Store.

Sanctioned and transmitted to the General Superintendent P.W. Workshop for compliance

Station Kodaikanal 9th May 1893

(Signed) S D Pears
Supdt of Works No 1 Periyar D.

(Time expired)

L Blackburn
Genl Supdt P.W. Workshop.

Public Works Department

Office of Supdt of Works
No 1 Periyar Division
Station Kodaicanal Dated 2nd June 1893.

No 150 M.

From

S. D. Pears Esqre
Supdt of Works
No 1 Periyar Division.

To The Genl Superintendent
P. W. Stores
Madras

SUPERINTENDING ENGINEER'S OFFICE
CHEPAUK
23 JUN. 93
P.W. SOUTH CIRCLE

Sir,

With reference to our conversation on the subject I have the honor to request that you will be good enough to note the following modifications in this office indents No 2 and 4 of 1893.

No 2 Indent

Item I - (Axle Boxes) Please add "to be fitted complete with brasses and keeps" Note. The diameter of Axle is 1½"

Item III - For "dog Bolts" please substitute "Spikes"

Item IV (Bolt Screws) Please omit this item

Item VII (Saddle Bolts) A pattern Bolt was despatched

despatched from Periyaur on the 26th May as a guide in the making of these

This Item is very urgent

Item VIII (Steel Clutch) Instead of forged steel this may be made of Cast Iron Steel faced or even of Cast Iron alone

Item XIII & XIV (Gauge Glasses) These should be 2' long

Item XV (Boardon's Steam Gauges) Please substitute "Bowrances Steam Gauges to indicate up to 150 lbs"

No 4 Indent

Item 2 (Crank shaft back keeps) These should be made of Cast Iron, precisely as per pattern sent

The same applies to Item 3 (Rocking Pin keeps) with the addition that no extra bushes are required

Item 4 (Cast Iron Sleeves) The bore of these is 2½" top and 3" bottom. To be made similar to pattern

Very urgent

Item 5

1892

7

Item 8 (Steel Crank Shafts) Special Brasses will have to be cast for this, for which a model will be sent at once from Periyar

Item 10 (Brasses exact bore 3") 24 Pairs of these are required

Items 12 & 13 (Brasses in two halves) 6 Pairs of these are required

Item 14 (Runner Block bearings) Please supply brasses. Diameter of Shaft 2½ Inches

Very urgent

Item 15 (Steel Friction Clutches) These may be made of Cast Iron, and only one wrought Iron collar is required.

Item 16 (Cast Iron Pulley in 2 Halves) For this Item, please substitute the following:-

"2 Cast Iron split Pulleys required, each one foot "diameter, width on face 6", bore 3" Keyways to be regu- "lation size" (These Pulleys must be carefully cast as they will revolve at 800 revolutions per Minute)

Write

1732
8

PRESIDENCY P. W. WORKSHOPS,

No. 36 W.
785

Madras, 22nd June 1893.

From

L. L. Wickham Esquire
GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,

To

THE Superintending Engineer
5th Circle Madras

SIR,

Enclosures 4
viz. 2 Copy of Indents
Nos 2 & 4 of 1893
1 Dr. of the revision
of the above Indent
1 Indent No 161 P.W.W.
3 Patterns
(returned)

With reference to your Endorsement No 161 P.W.W. dated the 1st June 1893, I have the honor to submit herewith copies of Indents Nos 2 & 4 of 1893, from Periyaur

2 .. As stated in the Indents patterns were sent, but there was no connection between the patterns and the description in the Indent Drawings would have had to be made of each part and sent with Indent to Periyaur for identification, which would mean fully a months delay. This was ill settled without any delay and the work will now be completed and delivered at the commencement of the Periyaur working season. If the order had been delayed owing to unnecessary correspondence, a good deal of the Periyaur Machinery will be probably idle for a month or two.

I

Then all that need to be done was to make according to the scattered

With regard to the Cast Iron fly wheel of Stone Crusher sent to be repaired, please do not repair it, but supply 2 new fly wheels similar to it in every respect except that the bore will be slightly smaller so as to fit the steel shaft (Item 8 above) which you are straightening and turning down.

A pattern numbered 4 was also sent to you with the other patterns, but was not included in the Indent. This was the pattern of toggle bearings of Stone breakers; please make one Dozen.

I have the honor to be Sir &c &c
By order
(Sd) L Taylor
Manager
Office of Supt of Works Dts Periyaur

PW 5.2/5810/93

(True Copy)

L. Ellerkhame
Genl Supt P.W. Workshops

I also append a copy of the Superintendents revision of the Indents, which was the consequence of my visit.

I have the honor to be
Sir,
Your most obedient servant
L. L. Clarkson
Genl Supt. P.W. Workshops

No. 2228

Presidency P. W. Workshops.

From
THE GENERAL SUPERINTENDENT,
PUBLIC WORKS WORKSHOPS,
Madras,

SUPERINTENDING ENGINEER'S OFFICE
CHEPAUK
23 JUN. 93
No. 1622
P. W. D., 5th CIRCLE.

To

No. _____ W.

Dated _____
Despatched _____ 189
Received _____

No. OF ENCLOSURES.

Subject.

Submitted to the Chief Engineer C.W.D. with the Genl Superintendents letter No 15/SE5 of 19 Inst on which this Correspondence originated.

On examining the Indents I am fully of opinion that as useful end was gained by the Superintendents going to Coimbatore & Pattiswd of all the new articles required have been sanctioned, & all the Requisitions & Indents notwithstanding the Superintendents interview with Mr. Seward the Cutler had to send further written ~~request~~ instructions.

J Clarke
Supdg Engr 26/6
5 Circle

(To be returned)

1792
10

P. W. CURRENT No. 5810

From

THE SUPERINTENDING ENGINEER,

V CIRCLE,

To

THE Chief Engineer
P.W.D.

Dated 26
Recd. 28 } June 1893.

ENCLOSURES. 6 5

No. 2227 W

Indents for Stores

Submits with his opinion Correspondence on the Subject of Govt Superintendents interview with Superintendent Perry re Deposit in Regarding

Ch 119
Ch R 89

P. W. DEPARTMENT.

17 & 2
4

READ the following :—

From the Supt. Engineer Nuclei No 222 W dt 26.VI.93.

FOR ORDERS. The question is, was the Journey necessary?

Mr Wickham says that he could not understand the indent, without a personal interview, and that the interview has resulted in the saving of a months delay that would otherwise have occurred in complying with the indent. If this statement is accepted, I think

that the Journey might be passed. A draft order is submitted accordingly.

Draft order passed by Govt

Mr Wickham's Journey to Kod Kanal

PUBLIC WORKS DEPARTMENT.

No 1792 W dated 10. July 1893. 1792

PROCEEDINGS OF THE MADRAS GOVERNMENT.

READ the following

from the Supt. Engineer Circle No 222 W dated 26. VI. 93.

Sanction is accorded under Art. 1137 C. S. Regns, to Mr. Wickham's Journey to Kodaikanal and back for the purpose of settling details in regard to an indent.

DESPATCHED 27 7 93

Out. 1793

To S. E. V Circle
" Ex. P. W. Accts.

10—800-28-3-93.