

ACC 316/PWU

10000/150/656

SM

10000/150/656

SUPPLIES, SELT - VALDARNO  
MAR. - AUG. 1945

316/PWU

SUPPLIES - SELT. VALDARNO

15  
1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

1  
2  
3  
4  
5  
6  
7  
8  
9  
10  
11

2 2 5 3

10000 / 150 / 656

TAGS FOLDER  
CONTAINING PAPERS  
FROM MAR. 45  
TO AUG. 45  
CATALOGUE.

15 Du cat

316

11 10 9 8 7 6 5 4 3 2 1

## MINISTERO DELLE CORPORAZIONI

3890

26-2/8thor

355

Contribuzione in denaro di

quasi 1000 per obbligo

256

Reportazione in greco di  
vocabolario per oleificio

356

SUMMARY OF CONDITIONS WITHIN THE "VALDARNO" SYSTEM AS OF 31 JULY 45Supplement to June 30th report.GENERATING PLANTSLEGNORNI

Two boilers ready for hydraulic test.

Masonry work in progress. Machine hall roofing 90%. Glass for sky-light to be procured.

PIANO DELLA ROCCA

Assembling of third group has been initiated.

GALLICIANO

All debris has been removed. Work is in progress to put the vertical 6,000 KVA group in service. Using the penstock of smaller size this unit will be ready for service by the end of August or by Sept. 15th.

CASTELNUOVO GARFAGNANA

Debris has been removed, reconstruction of the building started.

CORFINO

Work at the intake on Villa Collemantina lake is in progress.

LIMA

One 1,500 KVA group will be ready for August 15th  
 One 2,000 KVA group will be ready for August 31st  
 One 5,000 KVA transformer will be ready for August 31st.

Assembling of third group has been initiated.

GALLICANO

All debris has been removed. Work is in progress to put the vertical 6,000 KVA group in service. Using the penstock of smaller size this unit will be ready for service by the end of August or by Sept. 15th.

CASTELNUOVO GARFAGNANA

Débris has been removed, reconstruction of the building started.

CORFINO

Work at the intake on Villa Collemandina lake is in progress.

LINA

One 1,500 KVA group will be ready for August 15th  
One 2,000 KVA group will be ready for August 31st  
One 5,000 KVA transformer will be ready for August 31st.

SPERANDO

Repair of 120/60 KV transformer has been initiated. The machine hall has been covered with a cement ceiling, and crane has been mounted.

SITUATION ON TRANSMISSION LINES

Edison system to Valdarno system.

130 KV line 50 cycles arriving at Ligonchio in service since July 9th. (Edison system)

4400

(2)

130 KV line Gallicano to Ligonchio (Edison system) is in service since July 9th.

Line 130 KV line 50 cycles arriving at Ligonchio will be ready within 45 days. (Edison system)

60 KV line 42 cycles arriving at Ligonchio from San Polo (Edison system).

Original service for Ligonchio was one line 60 KV, 42 cycles, arriving from San Polo thru 4 frequency changer groups, as follows:

2 x 9,000 KVA  
2 x 6,000 KVA

At present is in service one 120 KV line, 50 cycles arriving from Edison system. This line gives power to: a) the 120 KV line Ligonchio-Piano della Rocca (direct); b) the two 60 KV lines Ligonchio - Piano della Rocca through two transformers 130/70/7 KV, 10,000 KVA each.

One 15,000 KVA synchronous condenser in service at Ligonchio since July 28th 1945, 07.30 hours for power factor correction.

60 KV line Gallicano - Pescia (Valdarno system) in service since July 25th.

Work is in progress in other lines as indicated in summary of conditions as of June 30th 1945.

#### SUB-STATIONS

##### TAVARNUZZE

Second 20,000 KVA 120/42 KV transformer in service since July 16th.

20,000 KVA 120/42 KV transformer - repairs scheduled by Sept. 15th

6,000 KVA 36/7 KV transformer - repairs scheduled by Sept. 15th

6,000 KVA 36/7 KV transformer - repairs scheduled by Oct. 15th

##### PRATO

A new 4,000 KVA 30/10 KV transformer hauled to Prato from Ema sub-station, in service.

arriving from San Polo Gera 4 frequency  
 follows:  
 2 x 9,000 KVA  
 2 x 6,000 KVA

At present is in service one 120 KV line, 50 cycles arriving from Edison system. This line gives power to: a) the 120 KV line Ligonchio-Piano della Rocca (direct); b) the two 60 KV lines Ligonchio - Piano della Rocca through two transformers 130/70/7 KV, 10,000 KVA each.

One 15,000 KVA synchronous condenser in service at Ligonchio since July 28th 1945, 07.30 hours for power factor correction.

60 KV line Galliciano - Pescia (Valdarno system) in service since July 25th.

Work is in progress in other lines as indicated in summary of conditions as of June 30th 1945.

#### SUB-STATIONS

##### TAVARNUZZE

Second 20,000 KVA 120/42 KV transformer in service since July 16th.  
 20,000 KVA 120/42 KV transformer - repairs scheduled by Sept. 15th  
 6,000 KVA 36/7 KV transformer - repairs scheduled by Sept. 15th  
 6,000 KVA 36/7 KV transformer - repairs scheduled by Oct. 15th

##### PRATO

A new 4,000 KVA 30/10 KV transformer hauled to Prato from Ema sub-station, in service.

6,000 KVA 60/37 KV transformer - repairs scheduled by July 31st.  
 Not yet ready for service.

6,000 KVA 37/10/5 KV transformer - repairs scheduled by Dec. 31st.

##### MARLUNGO

3,500 KVA 33/6.5 KV transformer - repairs scheduled by Aug. 30th.

##### FIGLINE VALDARNO

500 KVA 35/9.4 KV transformer - repairs scheduled by Aug. 30th.

440"

(3)

ELIA

1,000 KVA 36/10 KV transformer moved to Prato  
 1,000 KVA 33/10 KV transformer in service since July 24th.

COLLE VAL D'ELSA

1,500 KVA 32/9.2 KV transformer - repairs scheduled by July 30th.

AREZZO

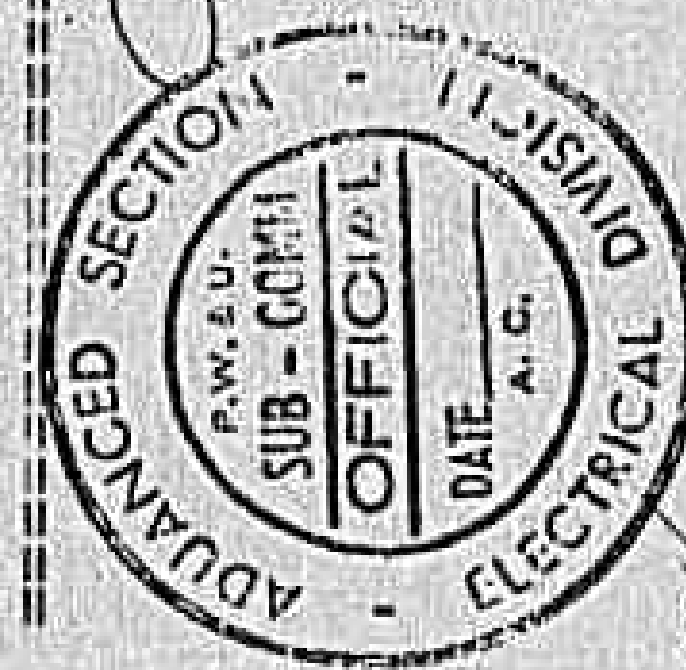
3,000 KVA 36.2/10.1 KV transformer - repairs scheduled by Oct. 31st.

LUCCA

2,400 KVA 30/9.1 KV transformer in service since July 4th.  
 6,000 KVA 60/30KV transformer - repairs scheduled by Aug. 15th.

CASTELNUOVO DEI SABBIONI

1,800 KVA 60/6 KV transformer in service since July 12th.  
 12,000 KVA 60/35/6 KV transformer - repairs scheduled by Dec. 31st.



*Edmund J. Barry*  
 Edmund J. Barry  
 Major C.E.  
 Officer in charge

Distribution: Lt. Col. Renton  
 Lt. Col. Parker  
 Prof. Asta (Ministero Lavori Pubblici)  
 File

100  
100 23

SUMMARY OF CONDITIONS WITHIN THE "VALDARNO" SYSTEM AS OF 31 AUGUST 45

Supplement to June 30th report

LEGHORN

Masonry work in progress. Machine hall roofing 90%. Glass for skylight still to be procured.

One 6,500 KVA, 60/30/5 KV transformer, previously located at Padule, is under repair to be put in service in the plant substation.

PIANO DELLA ROCCA

Assembling of third group in progress. Repair of the third 15,000 KVA transformer in progress.

GALLICIANO

6,000 KVA vertical group ready for service. Penstock of smaller size will be ready for service within September and the generator will be operating if water is available.

CASTELNUOVO GARFAGNANA

Hydraulic system repaired. Building under repair.

Two 3,000 KVA groups and two 3,000 KVA transformers under repair. It is expected to have the two generators in service within the year.

CORETINO

One 2,400 KVA generator and one 2,500 KVA transformer ready for service. One week time is required to complete the work in the hydraulic system at the intake on Villa Collemantina lake.

LIMA

One 2,000 KVA generator in service. One 1,500 KVA generator repair - one month not in service due to lack of water.

Masonry work in progress. Machine hall roofing 90%. Glass for skylight still to be procured.

One 6,500 KVA, 60/30/5 KV transformer, previously located at Padule, is under repair to be put in service in the plant substation.

#### PIANO DELLA ROCCA

Assembling of third group in progress. Repair of the third 15,000 KVA transformer in progress.

#### GALLIGANO

6,000 KVA vertical group ready for service. Penstock of smaller size will be ready for service within September and the generator will be operating if water is available.

#### CASTELNUOVO GARFAGNANA

Hydraulic system repaired. Building under repair.

Two 3,000 KVA groups and two 3,000 KVA transformers under repair. It is expected to have the two generators in service within the year.

#### CORFINO

One 2,400 KVA generator and one 2,500 KVA transformer ready for service. One week time is required to complete the work in the hydraulic system at the intake on Villa Collemandina lake.

#### LIMA

One 2,000 KVA generator in service. One 1,500 KVA generator repaired during the month not in service due to lack of water.

One 2,000 KVA generator and one 5,000 KVA transformer under repair.

#### SPERANDO

No much progress in the repairs of the 120/60 KV transformer due to lack of insulating materials.

No progress made in the repair of the generators.

440

SITUATION ON TRANSMISSION LINES

- 120 KV Prato - Ligonchio completed since August 18.
- 120 KV Piano della Rocca - Foce al Giovo completed since August 10.
- 60 KV Nefa Montoro - Chiusi, second circuit, work suspended for lack of transportation.
- 60 KV Galliciano - Pescia completed since August 7.
- 30 KV Rifredi - Borgo San Lorenzo completed since August 10 and in service at 10,000 V.
- 30 KV Pescia - Pontedera suspended for lack of transportation.

SUB-STATIONSCOLLE VAL D'ELSA

One 1,500 KVA, 32/9.2 KV transformer in service since Aug. 15.

No new electric equipment entered in service during the month in the remaining sub-stations.

PROGRESS REPORT ON REHABILITATION PROGRAM "LARDERELLO" SYSTEM

August 15th 1945

CASTELNUOVO VAL DI CECINA - 12,000 KW unit - Terni Co. assured that the parts required for the second unit will be ready for shipment within September '45. Since the same thing has been promised by Tosi Works, Legnano, and Ansaldo Works, Genova, we estimate that this unit may be ready by the end of the year.

SERRAZZANO - 3,000 KW unit - The turbine and the alternator are available, only some parts of the turbine are still at Legnano, at the Tosi Works and we are taking steps in regard to transport. By the end of the present month the assembling will be started, requiring two months to complete. It is therefore believed that the unit will be in service within November 1945.

SASSO - 3,500 KW unit - The turbine has arrived and assembling will start shortly. The alternator is still in Genova and we are taking steps to move it to Sasso Plant. With reference to the transformer we at last heard from the "Lancia" Co. that the transformer is still at Bolzano and we have some difficulties about the transport from Bolzano to Sasso, considering that the weight is more than a normal truck can hold. The group may be in service within this year if transformer is available.

MONTEROTONDO - 3,500 KW unit - The same difficulty and uncertainty arises for this plant as for Sasso plant with regard to the transformer which is also at Bolzano. Marelli Co. will deliver the alternator in November or December, therefore the group may be in service within next January.

LARDERELLO No. 2 - Orders in regard if the machinery required have been issued, and masonry works are carried on. One or two groups are expected to be in service within March 1946.

---

The above report is a translation of a report received from the "Larderello" Co.

W A T E R

During August water production has been able to meet all consumer demands up to the 25th when production began to weaken, dropping from about 67,000 cubic meters per day to around 60,000. This is still by far greater than the amount produced or required in any previous period before the present summer.

The reason for the drop is the seasonal lowering of the ground water level which is normally at its lowest during September, and has resulted in decreased well output. One well at Mantignano has been taken out of production due to pollution caused by low level, while another producing 500 meters per day is out due to a burned out motor which will be repaired by the end of the first week of September.

Of the three new wells in the Cascine Park, two are completed and the third well under way, but production is delayed pending receipt of a transformer from Milan. This transformer is ready and action has been initiated by this Office to expedite the movement and its placing into service at the earliest practicable date. These wells should be producing 3,000 to 4,000 meters per day within a week.

The military demand is not unusually heavy, being limited to billets and installations in the City proper, as the F.R.T.A. and University Study Center are supplied by their own sources. Efforts are being renewed to curtail and control civil consumption by the City authorities.



*Edmund J. Barry*  
Edmund J. Barry  
Major C.E.  
Officer in charge

Distribution: Lt.Col.Renton  
Lt.Col.Parker  
Prof.Asta (Ministero Lavori Pubblici)  
File

Telephone 478805

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Public Works and Utilities Sub-Commission  
Electrical Division

FILE

30 July 45 *21*

Reference;- 316/PWU

Subject;- Magnetic sheets- Selt Valdarno.

To;- Ministero dell'Industria e della Commercio.

1. Herewith application from A.D.D.A. on behalf of Selt Valdarno, for your attention and action.
2. It is understood the magnetic sheets indicated are in stock at TERNI works.

L.G. PRICE

L.G.Price, Major R.E.  
for Lieut Colonel  
Chief Elect Division.

4403

Th. 12641  
Ext. 2521



CW/11.

20

MILAN OFFICE  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB.COM.  
ALLIED COMMISSION  
APO 394

Ref. 110/19

26 July 1945

Memorandum

To : Chief Electrical Division, P.W.&U. - A.C. -

1) - Request that the attached orders be given urgent consideration for release of magnetic steel from Terni.

*C. S. Wilcox*  
C. S. WILCOX  
Major Ord.  
Chief Milan Office  
Elec.Div.P.W.&U. S/C.

2 Enclosures

*Passed  
min 1 C.  
30 July 45.*

4402

Short translation of the letter  
to : T E R N I  
from : A D D A  
dated : 23/7/945

*Passed to  
Ministero dell'Industria  
e della Commercio.  
30 July 45.*

Lodi, 23 July, 1945

Please, furnish :

- Q.li 8,65 - Magnetic steel sheets at silicum for current transformers  
thickness mm. 0,35 - normal type sheets - loss W/kg. 1,20  
According actual prices.
- Q.li 4.== - Magnetic steel sheets Dynamo type -  
thickness mm. 0,5- loss W/kg. 2.6 - normal type.  
According actual prices.

The above mentioned materials are necessary to us for the  
manufacture of the following electrical material apparatus ordered  
by Selt Valdarno, namely :

Ord. n° 27717/MI dated 14.6.945 = Acc. Adda n° 8706

n° 6 O.C.B. HEP.9; 60 kV. ; 400 Amp. with current transformer and  
remote control relay.

Ord. n° 27724/MI dated 16.6.945 = Acc. Adda n° 8712

n° 5 O.C.B. HPB.120 ; 120 kW; 400 Amp. with current transformers  
and remote control relay.

Ord. n° 27723/MI dated 19.6.945 = Acc. Adda n° 8713

n° 4 O.C.B. HPE.7; 35 kW, 400 Amp. with current transformers and  
remote control relay.

The Allied Command, and also the Selt Valdarno Co. particularly  
recommend the ready execution of these orders.

We ask you for the request, hoping to have the materials in  
a short time.

Very truly  
A D D A

4401

Tel : 478805

HEADQUARTERS ALLIED COMMISSION  
APO 394

LGP/EG

Public Works and Utilities Sub-Commission

FILE

27 July 45

316/PWU.

Subject : Fuel and Lubricants for Electric Facilities.

To : Advanced Section Electrical Division  
P.W. & U. S/C A.C. Via Cerretani, 6 - Florence.

1. Reference your letter dated 23 July 45 together with endorsement and attachment.

2. Application for supplies of fuels and lubricants should be made by Selt Valdarno on Form. E.2-1 which forms can be obtained from Ufficio Provinciale del Commercio e Industria, Ufficio Carburanti, - Sezione Ingegneria, when completed the forms should be returned to the same office together with an endorsement by the competent technical official.

L.G. PRICE

L.G. PRICE, MAJOR RE,  
for Lieut-Colonel,  
Chief, Elec.Div. 4400

FILE

Tel : 478805

HEADQUARTERS ALLIED COMMISSION

LGP/sg

APO 394

Public Works and Utilities Sub-Commission  
(Electrical Division)

18

316/PWU

27 July 45

Subject : Steel Plates for Selt Valdarno.

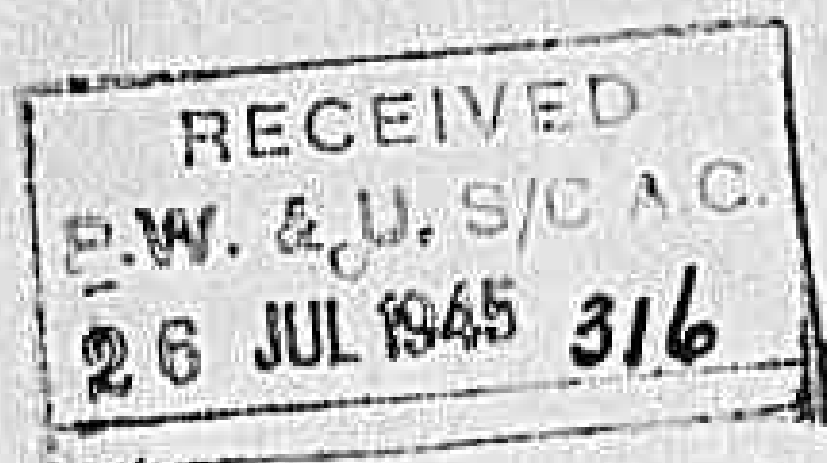
To : Adv. Sec. Elec.Division  
P.W. & U. S/O A.C. - Via Cerretani 6 - Florence.

15

1. Reference your letter dated 5 July 45 with attachment.
2. Applications for steel should now be made to Ufficio Provinciale del Commercio e Industria for onward transmission to Ministero dell'Industria e del Commercio.

L. G. PRICE

L.G. PRICE, MAJOR RE,  
for Lieut-Colonel,  
Chief, Elec.Div.



ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION

6 Via Cerretani, Florence  
Telephone No. 1153  
July 23rd 1945

SUBJECT: Fuel & Lubricants for electric facilities.  
TO : Major Walker - Liaison Officer  
A.C. Florence City

I wish to endorse the attached letter of Società Elettrica Selt-Valdarno for the following reasons:

The military trucks that have been previously allotted to the Valdarno Co. have now been withdrawn, and it is imperative that this supply of fuel, lubricating oil and grease be assured for a continuous operation of the electric facilities in this area, not only for the month of July, but for the remainder of the year.



*E.J. Barry*  
E.J. BARRY  
Major S.C.  
Officer in charge

1 enclosure

1st Endorsement

HQ, Florence Command,  
Civil Affairs Office.

To: HQ, AC, Rome.

1. Attached correspondence refers to supply of gasoline, oil and lubricants for Valdarno Electric Works, Florence, for month of August.

2. Request information whether this will be supplied them through A.C. channels or whether they will be obliged to handle the matter through Italian sources.

3. On account of number of troops here it is important that Valdarno Electric Works continue to function properly and a prompt reply would be greatly appreciated.

*J.M. Walker*  
J.M. WALKER, Major AUS.

26 JUL 1945

## SOCIETÀ ELETTRICA SELT-VALDARNO

ANONIMA CAPITALE L. 500.000.000 INT. VERS.

SEDE IN FIRENZE

DIREZIONE GENERALE

Florence. July 19th 1945

To/ Major WALKER - Liaison Officer.  
A.C. Florence City.

---

According to instructions received through Public Works & Utilities, Florence -Via Tornabuoni 16, in order to guarantee our regular supply of fuel and lubricants for our trucks, staff cars and motorcycles for next August, we are forwarding following data which show the amount granted for the present month.

Our company is responsible for power production and distribution through the whole Toscana region and for carrying and drawing all necessary materials for reconstruction purposes, to and from its general stores located in Florence.

Hoping you might kindly help us in the fulfilment of our public service and rehabilitation programme, with best thanks,

your's sincerely SOCIETÀ ELETTRICA SELT-VALDARNO  
L'Amministratore Delegato

|                  | Petrol.   | Gasoil.   | Lubr.oil. | Grease. |
|------------------|-----------|-----------|-----------|---------|
| Trucks :         | 3150 lit. | 1150 lit. | 105 Kg.   | 6 Kg.   |
| Staff cars:      | 2825 "    | =         | 60 "      | 6 "     |
| M.cycles :       | 550 "     | =         | 11 "      | 6 "     |
| Maremnana Coy. : | 175 "     | =         | 3 "       | 1 "     |
| TOTAL :          | 6700 lit. | 1150 lit. | 179 Kg.   | 19 Kg.  |

Major Walker.

This company should be provided so as to keep going at all 4398



ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION  
A.P.O. 394

16  
6 Via Cerretani, Florence  
Telephone No. 1153  
July 5th 1945

SUBJECT: Steel plates for Selt-Valdarno.

TO : Major Price  
Electrical Division P.W. & U. Sub-Commission  
H.Q. Allied Commission  
A.P.O. 394

RECEIVED  
P.W. & U. S/C.A.C.  
8 JUL 1945 316

Reference telephone conversation on July 2nd.

Enclosed herewith is copy of the application submitted to this Office by Valdarno, with translation attached; the same should have been forwarded to you with letter dated April 26th by Capt. Lowdon of this office.

2 enclosures

18 refs

*E.J. Barry*  
E.J. BARRY  
Major C. 397  
O.I.C.

Translation

Florence, April 24th 1945

SOCIETA' ELETTRICA SELT-VALDARNO  
FlorenceTO: Advanced Section Electrical Division A.C.  
Florence

SUBJECT: Allotment iron plates.

Will you, please, procure the allotment of the following materials to be obtained from Societa' An. TERNI (56 Via Due Macelli Rome) at the Terni factory:

- 200 qls magnetic sheets 0.35 to 0.50 mm thickness (possibly) losses 1.1 to 1.2 per Kg.
- 50 " black soft iron sheets 10/10 mm. thick, size mt 2 by 1.
- 100 " do do do 12/10 " " " " "
- 100 " do do do 15/10 " " " " "
- 200 " mild steel plate 12 mm thick for penstocks; dimensions available
- 100 " mild steel plate 15 mm thick " " available.

A/m materials are required for transformers rehabilitation, various equipments for high tension, and penstocks in our electric generating plants.

We depend on your assistance and await information.

Many thanks.

SELT-VALDARNO ELECTR. CO.

439-

COPY

Florence, 24 Aprile 1945

To/ Allied Commission  
Advanced Section Electrical Division  
Firenze

RICHIESTA ASSEGNAZIONE LAMIERE FERRO

Vi preghiamo volerci fare assegnare per prelevamento dalla Soc. An. TERNI - Via Due Macelli n° 66 Roma - Stabilimento di Terni:

- Ql. 200 lamierino magnetico possibilmente spessori da 0,35 a 0,50 perdite da 1,1 a 1,2 per kg.
- " 50 lamiere nere ferro omogeneo spessore 10/10 mm. dimensioni mt. 2 x 1
- " 100 detta come sopra di 12/10
- " 100 " " di 15/10
- " 200 lamiere acciaio dolce spessore 12 mm. per condotte forzate, dimensioni disponibili
- " 100 dette come sopra dello spessore di 15 mm. per condotte forzate, dimensioni disponibili,

occorrenti per il ripristino di trasformatori, apparecchiature varie per alta tensione, condotte forzate dei nostri impianti di produzione di energia elettrica.

Certi del Vs. cortese interessamento, ringraziando restiamo in attesa di comunicazioni al riguardo.

Distinti saluti

SOCIETA' ELETTRICA  
SELT-VALDARNO - Firenze

RECEIVED  
P.W. & U. & C. & C.  
17 JUN 1945 316

HEADQUARTERS ALLIED COMMISSION  
APO 394

Tel. 478905

COMMERCE SUB-COMMISSION  
Materials Division

LCW/ms/lp

16 June 1945

Ref. AC/5300/Commerce

SUBJECT: Channelling of Civilian Demands for non-Subsistence  
Controlled Materials

TO : Public Works & Utilities Subcommittee HQ AC  
Sub-Commission

1. Attached herewith are the following:

N.2 MAT 10 dated 5 June from Toscana Region re electrical  
material for Soc. Elettrica SELT Valdarno- Firenze

and which are passed to you for attention in terms of this  
Sub-Commission's Directive dated 28 March '45, reference AC/5300/Com-  
merce.

*passed to  
MICK 19/6/45*

*Robert A. MacKays*  
W. P. EVANS

Colonel

Director

Commerce Sub-Commission

Encls. as above

4395

HEADQUARTERS  
ALLIED COMMISSION  
COLLIERIE SUB-COMMISSION  
APO 394

Date: 5 Giugno 1945

1. DEMAND FOR CONTROLLED MATERIALS
2. AIC/AC FORMATION Hqrs. Regional Engineer, Toscana Region.
3. COMMODITY DEMANDED : (In metric tons or other suitable unit).  
 (a) Single lot demand See back of sheet  
 (b) Next month \_\_\_\_\_  
 (c) Second month \_\_\_\_\_  
 (d) Third month \_\_\_\_\_
4. JUSTIFICATION : (Detail this information on the back of the Form)
5. SOURCES OF SUPPLY (if known). Give particulars :-  
 (a) Has material been located? yes  
 (b) If locally - where? Società Metallurgica Italiana - Stabilimento Fornaci di Barga -  
 (c) If anywhere in Liberated Italy (including Sicily and Sardinia) - where?  
 (d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.
6. ADDRESS FOR DELIVERY :  
 Consignee Soc. Elettrica Selt Valdarno  
 Address F I R E N Z E
7. It is certified that these supplies and stores are required for (URGENT),  
 (NECESSARY), (STOCK-PILING) purposes. (Strike out words not applicable.)

Date: 5/6/1945.-

Signature

8. REGIONAL APPROVAL

C. W. HAMILTON

Major, Corps of Engineers, Regional Engineer

3. COMMODITY DEMANDED : (In metric tons or other suitable unit).

(c) Single lot demand

(b) Next month

(c) Second month

(a) Third month

4. JUSTIFICATION : (Detail this information on the back of the Form)

5. SOURCES OF SUPPLY (if known). Give particulars :-

(a) Has intorial been located? yes

(b) If locally - where? Società Metallurgica Italiana - Stabilimento Fornaci di Barga -

(c) If anywhere in Liberated Italy (including Sicily and Sardinia) - where

(d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.

6. ADDRESS FOR DELIVERY :

Consiglieri  
Soc. Elettrica Selt Valdarno

Address FIRENZE

7. It is certified that those supplies and stores are required for (URGENT), ~~(NECESSARY)~~, ~~(STOCK-PILING)~~ purposes. (Strike out words not applicable.)

**Date: 5/6/1945.-**

## Signture

## 8. REGIONAL APPROVAL

C. 77, HAMILTON

Major, Corps of Engineers Regionam Electrical Officer.

FOR USE OF LOCAL RESOURCES BOARD SECTION (I & C Sub-Commission)

AFR (I) B Release Order No. . Our release order No. \_\_\_\_\_

Data

De: to

Ordine No 27503/MR/Gp. del 7.3.1945

|     |     |                              |
|-----|-----|------------------------------|
| Kg. | 300 | filo alluminio costo ø mm. 3 |
| "   | 200 | corda telalco sez. 12 mmq.   |
| "   | 350 | " " " 13 "                   |
| "   | 50  | " " " 14 "                   |
| "   | 40  | " " " 15 "                   |
| "   | 200 | " " " 20 "                   |
| "   | 60  | " alluminio " 20 "           |
| "   | 100 | filo rame stagnato ø mm. 1,5 |
| "   | 100 | piattina rame mm. 30 x 4     |

Ordine n. 27601/MR/Gp. del 29.5.45

|     |      |                              |
|-----|------|------------------------------|
| Kg. | 67   | corda alluminio sez. 25 mmq. |
| "   | 125  | " telalco " 26 "             |
| "   | 100  | " alluminio " 37 "           |
| "   | 1500 | " " " 52 "                   |

SOCIETA' ITALIANA SELL - VALMADRERA

Des. Direzione

*[Handwritten signature]*

HEADQUARTERS  
ALLIED COMMISSION  
COMMERCE SUB-COMMISSION  
APO 394

Date: 5 June 1945

1. DEMAND FOR CONTROLLED MATERIALS
2. REG/IC FORMATION 44th Regional Engineer, Tuscan
3. COMMODITY DEMANDED : (In metric tons or other suitable unit).
  - (c) Single lot demand Stranded Steel Telephone Wire-8 mm or less  
Kg. 460
  - (b) Next month \_\_\_\_\_
  - (c) Second month \_\_\_\_\_
  - (d) Third month \_\_\_\_\_
4. JUSTIFICATION : (Detail this information on the back of the Form)
5. SOURCES OF SUPPLY (if known). Give particulars :-
  - (a) Has material been located? Yes
  - (b) If locally - where? Soc. Impianti Elettrici Telefonici e Telegrafi-  
ci, BENICINI & CAPPELLI - Via Duca D'Aosta 16
  - (c) If anywhere in Liberated Italy (including Sicily and Sardinia) - where? Flor.
  - (d) If blocked, give names of establishment and Military Unit concerned,  
quantities available, etc.
6. ADDRESS FOR DELIVERY :
 

|           |                      |
|-----------|----------------------|
| Consignee | <u>Selt Valdarno</u> |
| Address   | <u>Firenze</u>       |
7. It is certified that these supplies and stores are required for (URGENT),  
(~~URGENT~~), (~~STOCK-PILING~~) purposes. (Strike out words not applicable.)
 

Date: 5 June 1945 \_\_\_\_\_ Signature
8. REGIONAL APPROVAL
 

C. W. Hamilton  
 C. W. HAMILTON  
 Major, Corps of Engineers, Regional Electrical Officer.

3. CUMULATIVE DELIVERED : (In metric tons or other suitable unit).

- (a) Single lot demand Stranded Steel Telephone Wire-8 mm or less  
K9.460
- (b) Next month \_\_\_\_\_
- (c) Second month \_\_\_\_\_
- (d) Third month \_\_\_\_\_

4. JUSTIFICATION : (Detail this information on the back of the Form)

5. SOURCES OF SUPPLY (if known). Give particulars :-

- (a) Has material been located? Yes
- (b) If locally - where? Soc. Impianti Elettrici Telefonici e Telegrafi-  
ci, BENIGNI & CAPPELLI-Via Duca D'Aosta 16
- (c) If anywhere in Liberated Italy (including Sicily and Sardinia) - where? Flor.
- (d) If blocked, give names of establishment and Military Unit concerned, quantities available, etc.

6. ADDRESS FOR DELIVERY :

Consignee Selt Valdarno

Address Firenze

7. It is certified that these supplies and stores are required for (URGENT),  
 (URGENT), (URGENT) purposes. (Strike out words not applicable.)

Date: 5 June 1945

Signature

8. REGIONAL APPROVAL

C. W. HAMILTON  
 Major, Corps of Engineers, Regional Electrical Officer.

FOR USE OF LOCAL RESOURCES BOARD SECTION (I & C Sub-Commission)

AFLR (I) B Release Order No. \_\_\_\_\_. Our release order No. \_\_\_\_\_

Date \_\_\_\_\_

Date \_\_\_\_\_

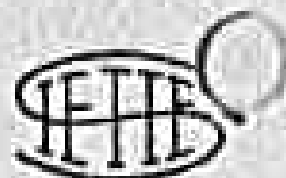
Form 10T 10.

Wire to be used on telephone system for control of electrical grid by the Valdarno Company.

**Figure 1**

[illegible][illegible][illegible]

1994  
1995  
1996  
1997  
1998  
1999  
2000  
2001  
2002  
2003  
2004  
2005  
2006  
2007  
2008  
2009  
2010  
2011  
2012  
2013  
2014  
2015  
2016  
2017  
2018  
2019  
2020  
2021  
2022  
2023  
2024  
2025  
2026  
2027  
2028  
2029  
2030  
2031  
2032  
2033  
2034  
2035  
2036  
2037  
2038  
2039  
2040  
2041  
2042  
2043  
2044  
2045  
2046  
2047  
2048  
2049  
2050  
2051  
2052  
2053  
2054  
2055  
2056  
2057  
2058  
2059  
2060  
2061  
2062  
2063  
2064  
2065  
2066  
2067  
2068  
2069  
2070  
2071  
2072  
2073  
2074  
2075  
2076  
2077  
2078  
2079  
2080  
2081  
2082  
2083  
2084  
2085  
2086  
2087  
2088  
2089  
2090  
2091  
2092  
2093  
2094  
2095  
2096  
2097  
2098  
2099  
2100  
2101  
2102  
2103  
2104  
2105  
2106  
2107  
2108  
2109  
2110  
2111  
2112  
2113  
2114  
2115  
2116  
2117  
2118  
2119  
2120  
2121  
2122  
2123  
2124  
2125  
2126  
2127  
2128  
2129  
2130  
2131  
2132  
2133  
2134  
2135  
2136  
2137  
2138  
2139  
2140  
2141  
2142  
2143  
2144  
2145  
2146  
2147  
2148  
2149  
2150  
2151  
2152  
2153  
2154  
2155  
2156  
2157  
2158  
2159  
2160  
2161  
2162  
2163  
2164  
2165  
2166  
2167  
2168  
2169  
2170  
2171  
2172  
2173  
2174  
2175  
2176  
2177  
2178  
2179  
2180  
2181  
2182  
2183  
2184  
2185  
2186  
2187  
2188  
2189  
2190  
2191  
2192  
2193  
2194  
2195  
2196  
2197  
2198  
2199  
2200  
2201  
2202  
2203  
2204  
2205  
2206  
2207  
2208  
2209  
2210  
2211  
2212  
2213  
2214  
2215  
2216  
2217  
2218  
2219  
2220  
2221  
2222  
2223  
2224  
2225  
2226  
2227  
2228  
2229  
2230  
2231  
2232  
2233  
2234  
2235  
2236  
2237  
2238  
2239  
2240  
2241  
2242  
2243  
2244  
2245  
2246  
2247  
2248  
2249  
2250  
2251  
2252  
2253  
2254  
2255  
2256  
2257  
2258  
2259  
2260  
2261  
2262  
2263  
2264  
2265  
2266  
2267  
2268  
2269  
2270  
2271  
2272  
2273  
2274  
2275  
2276  
2277  
2278  
2279  
2280  
2281  
2282  
2283  
2284  
2285  
2286  
2287  
2288  
2289  
2290  
2291  
2292  
2293  
2294  
2295  
2296  
2297  
2298  
2299  
2300  
2301  
2302  
2303  
2304  
2305  
2306  
2307  
2308  
2309  
2310  
2311  
2312  
2313  
2314  
2315  
2316  
2317  
2318  
2319  
2320  
2321  
2322  
2323  
2324  
2325  
2326  
2327  
2328  
2329  
2330  
2331  
2332  
2333  
2334  
2335  
2336  
2337  
2338  
2339  
2340  
2341  
2342  
2343  
2344  
2345  
2346  
2347  
2348  
2349  
2350  
2351  
2352  
2353  
2354  
2355  
2356  
2357  
2358  
2359  
2360  
2361  
2362  
2363  
2364  
2365  
2366  
2367  
2368  
2369  
2370  
2371  
2372  
2373  
2374  
2375  
2376  
2377  
2378  
2379  
2380  
2381  
2382  
2383  
2384  
2385  
2386  
2387  
2388  
2389  
2390  
2391  
2392  
2393  
2394  
2395  
2396  
2397  
2398  
2399  
2400  
2401  
2402  
2403  
2404  
2405  
2406  
2407  
2408  
2409  
2410  
2411  
2412  
2413  
2414  
2415  
2416  
2417  
2418  
2419  
2420  
2421  
2422  
2423  
2424  
2425  
2426  
2427  
2428  
2429  
2430  
2431  
2432  
2433  
2434  
2435  
2436  
2437  
2438  
2439  
2440  
2441  
2442  
2443  
2444  
2445  
2446  
2447  
2448  
2449  
2450  
2451  
2452  
2453  
2454  
2455  
2456  
2457  
2458  
2459  
2460  
2461  
2462  
2463  
2464  
2465  
2466  
2467  
2468  
2469  
2470  
2471  
2472  
2473  
2474  
2475  
2476  
2477  
2478  
2479  
2480  
2481  
2482  
2483  
2484  
2485  
2486  
2487  
2488  
2489  
2490  
2491  
2492  
2493  
2494  
2495  
2496  
2497  
2498  
2499  
2500  
2501  
2502  
2503  
2504  
2505  
2506  
2507  
2508  
2509  
2510  
2511  
2512  
2513  
2514  
2515  
2516  
2517  
2518  
2519  
2520  
2521  
2522  
2523  
2524  
2525  
2526  
2527  
2528  
2529  
2530  
2531  
2532  
2533  
2534  
2535  
2536  
2537  
2538  
2539  
2540  
2541  
2542  
2543  
2544  
2545  
2546  
2547  
2548  
2549  
2550  
2551  
2552  
2553  
2554  
2555  
2556  
2557  
2558  
2559  
2560  
2561  
2562  
2563  
2564  
2565  
2566  
2567  
2568  
2569  
2570  
2571  
2572  
2573  
2574  
2575  
2576  
2577  
2578  
2579  
2580  
2581  
2582  
2583  
2584  
2585  
2586  
2587  
2588  
2589  
2590  
2591  
2592  
2593  
2594  
2595  
2596  
2597  
2598  
2599  
2600  
2601  
2602  
2603  
2604  
2605  
2606  
2607  
2608  
2609  
2610  
2611  
2612  
2613  
2614  
2615  
2616  
2617  
2618  
2619  
2620  
2621  
2622  
2623  
2624  
2625  
2626  
2627  
2628  
2629  
2630  
2631  
2632  
2633  
2634  
2635  
2636  
2637  
2638  
2639  
2640  
2641  
2642  
2643  
2644  
2645  
2646  
2647  
2648  
2649  
2650  
2651  
2652  
2653  
2654  
2655  
2656  
2657  
2658  
2659  
2660  
2661  
2662  
2663  
2664  
2665  
2666  
2667  
2668  
2669  
2670  
2671  
2672  
2673  
2674  
2675  
26



*Società Impianti Elettrici Telefonici Telegrafici  
e Costruzioni Edili*

**BENCINI & CAPPELLI**

Direzione Amministrazione - FIRENZE - Via Duca d'Aosta, 16 - Tel. 24-811  
Sede di ROMA - Via Aurelio Saliceti, 5-7 - Tel. 585-066 - 586-138

**CANTIERI:**

FIRENZE - VIA PONTE DI S. SEVERO, 20 - TEL. 45-400  
ROMA - VIA DEL GIOCIERINO, 20 - TEL. 681-174  
GENOVA - VIA BRADIMICA, 8 MONDO

REPARTO

NELLA RISPOSTA RIFERIRSI A CP/hm. 9921

C. P. C. FIRENZE N. 8740  
C. G. PORTALE S. GIOVANNI  
TELEGR. DIRETTORE - FIRENZE  
CABINETTO POSTALE 804 - FIRENZE

Li 5 marzo 1945

AL COMANDO MILITARE ALLEATO  
Sezione Commercio e Industria  
FIRENZE

Richiesta sblocco materiale bloccato

Con la presente si richiede lo sblocco del materiale in calce elencato, bloccato in seguito a disposizione di codesta Sezione in data 5 gennaio 1945.

Detto materiale è necessario per la costruzione di un collegamento telefonico per conto della Società Elettrica del Valdarno ed interessa il servizio elettrico della città di Firenze.

Con osservanza.

S. I. E. T. E. I.  
Soc. Impianti Elettrici, Telefonici e Telegrafici  
BENCINI & CAPPELLI

Materiale urgente per l'attraversamento  
del fiume Arno con cavi telefonici.

SOCIETÀ ELETTRICA SELT-VALDARNO

Un Direttore

Un Procuratore

*[Signature]*

*[Signature]*

4392

- 1 b) Corda di acciaio della sezione  
fino a mm. 8 - Kg. 464,50

Telephone 476805

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Public Works & Utilities Sub Commission  
Electrical Division

FILE

14  
LOP/DO

8 June 45

Reference: 916/PWU

Subject : Rail Transportation

To : SOCIETA ELETTRICA SELT VALDARNO  
Via de Ceretani 6 - Florence

1. Rail transportation for 20 Tons Cement Guidonia - Near Montero has been arranged for week 11 - 17 June 45.
2. Your rail bid reference number is 11699.

L.G. PRICE 4391

L.G. PRICE, MAJOR RA  
for Lieut Colonel  
Chief, Electr. Division

RECEIVED  
P.W. & U. S.C.A.C.  
29 JUN 1945 316

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION  
APO 394

13

6 Via Cerretani, Florence  
Telephone No. 1153  
June 7th 1945

Ref. S/3

SUBJECT: Cement for Nera Montoro plant.

TO : Major L.G. Price  
Electrical Division P.W. & U. Sub-Commission  
H.Q. Allied Commission, APO 394

Herewith enclosed application of Selt-Valdarno Elect.  
Co. to Società Cementeria di SPOLETO for 20 tons cement, type  
500, to be used in the rehabilitation of Nera Montoro plant.

Will you assist in procuring the material, please.

1 enclosure

*already  
supplied  
19/6/45*



*Albert D. Dera, Capt. S.C.*

4390

Se / 21

# Società Elettrica Selt-Valdarno

ANONIMA SEDE IN FIRENZE - CAP. SOCIALE L.500.000.000 INT. VERSATO  
VIA DE' CERRETANI N° 6



DIREZIONE GENERALE

TELEFONATA

da citarsi nella risposta

OGGETTO  
RIPRISTINO OPERE IMP.  
NERA MONTORO -

*Firenze (2)* 6/6/1945.=  
CASELLA POSTALE 463.

Spett/  
Società Cementeria di

S P O L E T O

Vi preghiamo volerci mettere a disposizione :  
- Tonn. 20 cemento a lenta tipo 500  
occorrenti per il ripristino delle opere dell'impianto  
di Nera Montoro - carico Gregotti.

Detto cemento ci verrà fatturato regolarmente al Vs. prezzo migliore.

In attesa, distintamente Vi salutiamo.

SOCIETÀ ELETTRICA SELT-VALDARNO  
Un Direttore Un Procuratore

*[Signature]*

*[Signature]*

1g.

4389

Indirizzo Telegrafico VALDARNO

TELEFONI:  
23-255  
23-256  
23-257  
23-258  
23-259

FIRENZE 10520  
SIENA 2283  
AREZZO 1154  
PERUGIA 1094  
TERRACINA 9754  
PISTOIA 10003  
PISA 42423  
LIVORNO 22823

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION

RECEIVED

P.W. & U. S/C.A.C.

15 JUN 1945 316

APG 394

6 Via Cerretani, Florence  
Telephone No. 1153

June 2nd 1945

SUBJECT: Transportation requirements for electric transmission line rehabilitation.

TO : Regional Commissioner, Toscana Region  
(attent. Regional Transportation Officer)

1. Reference is made to the conversation on the morning of 2nd June 1945 between Lt.Col. Giles, of Toscana Region, and Lt.Col. V.S. Renton and Major E.J. Barry, Electrical Division Public Works & Utilities Sub-Commission. This memorandum is submitted to furnish information requested by Col. Giles.

2. The Selt-Valdarno Electric Company is presently rehabilitating three electric transmission lines connecting north and central Italy. The completion of these lines will permit a large scale transfer of electric energy from north Italy, where there is an excess, to central Italy, where there is a scarcity. The area from Rome to Lucca will benefit by the improvement.

The location of the transmission lines to be repaired is between Gallignano and Castelnuovo, about forty kilometers north of Lucca. However, it will be necessary to move a quantity of materials to the site from points as far removed as Chiusi and Tevernuzze.

3. I estimate that one and a half ton trucks will be needed for a period of approximately one month to do this work, to be located at the following points:

| Number of vehicles   | Location           | To report to   | Purpose              |
|----------------------|--------------------|----------------|----------------------|
| 1 - 3 tons           | Leghorn            | Mr. Doveri     | Transport. materials |
| 1 - 1½ "             | Lucca              | Ing. Silvietti | " mine clearers      |
| 2 - 1) 1½, 1) 3 tons | Gallignano         | Ing. Casali    | " line materials     |
| 1 - 1½ tons          | Florence to Chiusi | "              | "                    |
| 1 - 1½ tons          | Piano d. Rocca     | "              | "                    |
| 1 - 1½ "             | Pescia-Ponte-      | "              | "                    |
| 1 - 1½ "             | dara line (Lucca)  | "              | "                    |
| 1 - 1½ "             | Florence Tavar-    | "              | "                    |
|                      | muzze to Sperando  | "              | "                    |

"438"

4. Because the rehabilitation will benefit all of central Italy, and not the Valdarno Company alone, it is requested that no payment be asked of the Valdarno, or any other electric Company.

5. It would be appreciated if the trucks were first made available on Tuesday 5th June. Captain A.E. Duran of this Office will meet with your representatives on Monday to arrange any necessary details.

*J. J. Barry, Major Cdt*  
for Vinal S. RENTON

Lt. Col. Inf.  
Operat. & Trans. Dept.

Copy to: Lt. Col. Renton  
Capt. A. E. Duran  
File



RECEIVED  
P.W. & U. S/C A.C.  
26 MAY 1945 316

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION  
APO 394

6 Via Cerretani, Florence  
Telephone No. 1153  
May 24th 1945

SUBJECT: Transports.

TO : Electrical Division Public Works & Utilities Sub-Comm.  
H.Q. Allied Commission APO 394

The Società Elettrica Selt-Valdarno require the under-mentioned transports in connection with the rehabilitation and general maintenance of their system:

- 1 truck for heavy transportations up to 30 tons, trailer & prime mover.
- 3 trucks of 3 tons capacity
- 10 trucks of 1 - 1½ tons capacity, weapons carrier
- 4 jeeps
- 4 three axels trucks (5 tons)
- 1 excavator truck crane & clam shell or orange peel bucket
- 1 dumper, 2½ ton dump truck.

Will you, please, submit this list to the "Disposal of war materials Board" that may exist.

The Electrical Co. are prepared to purchase these trucks as soon as any are available.



*A. Crowther*  
A. CROWTHER  
Major R.E.

4387

*2 copies made for USR*

RECEIVED  
P.W. & U. S. C.  
16 MAY 1945 316

HEADQUARTERS ALLIED COMMISSION  
APO 394

Tel. 478905

COMMERCE SUB-COMMISSION  
Materials Division

LCW/ms/lp

14 May 1945

Ref. AC/5300/Commerce

SUBJECT: Channelling of Civilian Demands for non-Subsistence  
Controlled Materials

TO : Public Works & Utilities Sub/Commission  
Sub-Commission

1. Attached herewith are the following:

MAT 10 d/d 5 May from ALG Toscana Region for 14210 Kgs. of  
copper wire to Società Elettrica del Valdarno

and which are passed to you for attention in terms of this  
Sub-Commission's Directive dated 28 March '45, reference AC/5300/Com-  
merce.

*W. P. Evans*  
W. P. EVANS

Colonel

Director

Commerce Sub-Commission

Encls. as above

4385

ALLIED MILITARY GOVERNMENT  
ECONOMICS AND SUPPLY DIVISION  
PROVINCE OF AREZZO

REF: - E. S. A. 18/3909

12 3 MAY 1945  
5300/1 WA

DATE 5 Maggio 1945

Subject: Copper wire required

To Industry and Commerce Division = TOSCANA REGION

Herewith attached please find four MAT 10 forms concerning the request for copper wire by firm: Soc. Elettrica del Valdarno - Arezzo &

SEEN  
FD  
10

Approval Recommended

C. W. Hamilton

C. W. HAMILTON

Major, Corps of Engineers

Regional Electrical Off.

RECEIVED  
9 MAY 1945  
685

F. Mundy  
Captain  
Prov. Supply Off.

passed to PW & V4305  
re 5300, 11 May

Telephone 478805

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Public Works & Utilities Sub Commission  
Electrical Division

L.G.P/ba

FILE

10 May 1945

Reference: 316/PWU

Subject : Cement

To : CEMENTERIA DI GUIDONIA  
Via S. Basilio, 19  
Rome

1. Reference release order No. AC 2846 dated 23 April 1945.
2. Please release to Societa Elettrica Selt-Valdarno -Firenze  
20 Tons Cement.
3. A representative of above named will call at your office and arrange financial details. You are authorized to use bags from A.C. stocks.
4. Rail transportation Guidonia- Nera Montoro (Terni) will be arranged by this Division for period 21-27 May 1945.

L. G. PRICE

L.G. PRICE, MAJOR IRE  
for Lieut Colonel  
Chief, Electr. Division

4384

RECEIVED  
P.W. & U.S/C A.C.  
29 APR 1945 316

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION

8  
6 Via Cerretani, Florence  
Telephone n° 1153  
26th April 1945

SUBJECT; Steel plates for Selt-Valdarno.

Ref. : S/3

TO : Electrical Division  
(Attent. Major Price)  
Public Works & Utilities Sub-Commission  
H.Q. A.C. APO 394

Enclosed request for release order from Valdarno El.  
Co. on Terni Co. for various steel plates.

Could you assist to secure this order, please.

2 enclosures.



*File 316* *OK*

Letter of S.R.E. on credits for supplies of energy given  
to Maj. Rosson together with letters of Valdarno.

*[Signature]*  
(A. Asta)

Rome, 11 April 1945.

4382

REC...  
P.W. & U. S/C  
15 APR 1945 316

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION

6  
Florence, 6 Via Cerretani  
telephone n° 1153  
April 13th 1945

SUBJECT: Belting for Valdarno Leghorn.

Ref. : V/3 RFL/ab

TO : Electrical Division P.W. & U. s/c  
Attention Major Price  
H.Q. A.C. APO 394

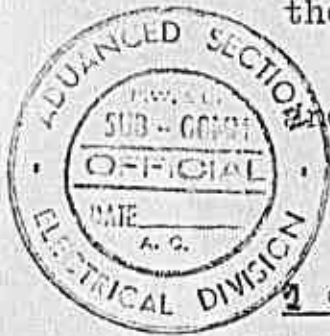
1. The belting on the enclosed list is unobtainable in this area, and I understand all belting is controlled by the Italian Government.

2. The quantities have been checked by Capt. Duran and are accurate.

3. Can you help in this, please?

*R. J. Lowdon*

4387  
, Capt.



2 enclosures

CINGHIE CUOIO OCCORRENTI PER LA CENTRALE A. IODOLO DI LIVORNOa) Cinghie per la Centrale di polverizzazione.

- n. 2 Cinghie cuoio per compressori lunghezza mt. 10, larghezza mm/ 280-300, spessore mm. 10-12.
- n. 6, per mulini lunghezza mt. 5, larghezza mm. 80, spessore mm. 5-6.
- n. 2, per aspiratori aria calda lunghezza mt. 7, larghezza mm. 140, spessore mm. 7-8.
- n. 2, per trasportatori polverizzatori lunghezza mt. 8, larghezza mm. 120, spessore mm. 7-8.
- n. 2, motrici elevatori e nastri trasportatori, lunghezza mt. 12, larghezza mm. 120, spessore mm. 7-8.
- n. 2, per elevatori carbone lunghezza mt. 13, larghezza mm. 120, spessore mm. 7-8.
- n. 2, per nastri trasportatori in gomma, lunghezza mt. 11, larghezza mm. 100, spessore mm. 6-7.
- n. 1, motrice per concasseur e trasportatore a placche, lunghezza mt 13, larghezza mm. 180, spessore mm. 7-8.
- n. 1, per concasseur lunghezza mt. 14, larghezza mm. 180, spessore mm. 7-8.
- n. 2, per trasportatore a placche lunghezza mt. 10, larghezza mm. 100, spessore mm. 6-7.

b) Cinghie per Officine Meccanica.

- n. 1 cinghia per motore trasmissione principale, lunghezza mt 11; larghezza mm. 100, spessore mm. 6-7.
- n. 1 per trasmissione tornio, lunghezza mt 11, larghezza mm. 100, spessore mm. 6-7.
- n. 1 per rimando tornio, lunghezza mt. 9, larghezza mm. 100, spessore mm. 6-7.
- n. 1 per trapano grande, lunghezza mt. 10, larghezza mm. 60, spessore mm. 5.
- n. 1 per trapano grande, lunghezza mt. 4, larghezza mm. 60, spessore mm. 5. 4385
- n. 1 per sega a ferro, lunghezza mt. 5, larghezza mm. 6, spessore mm. 5.

- n. 1 cinghia per comando tornio, lunghezza mt. 6, larghezza mm. 60, spessore mm. 5
  - n. 1 per sega a nastro per legno, lunghezza mt. 5, larghezza mm. 60, spessore mm. 5.
  - n. 1 per trapano piccolo, lunghezza mt. 10, larghezza mm. 50, spessore mm. 5.
  - n. 1 per rinvio sega a ferro, lunghezza mt. 9, larghezza mm. 50, spessore mm. 5
  - n. 1 per comando trapano piccolo, lunghezza mt. 5, larghezza mm. 50, spessore mm. 5.
  - n. 1 per mola smeriglio lunghezza mt. 5, larghezza mm. 40, spessore mm. 5.
  - n. 1 rimando mola a smeriglio lunghezza mt. 5, larghezza mm. 40, spessore mm. 5.
-

RECEIVED  
P.W. & U.S./C.A.C.

11 APR 1945 3/6

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMMISSION  
ALLIED COMMISSION

5  
Florence, 6 Via Cerretani  
Telephone n° 1153  
27th March 1945

SUBJECT: Drawing of copper wire.

Ref. : S/3 RFL/ab

TO : Public Works & Utilities Sub-Commission  
Attention Major Price  
H.Q. Allied Commission  
A.P.O. 394

1. Confirming telephone conversation; enclosed herewith translated copy of a letter Selt Valdarno - Metallurgica Corradini.

2. The scrap copper was delivered Naples 9th February 1945, which makes the delivering date 11th March 1945.



1 enclosure

*col Lopper*

*R. J. Lowden* 4372  
Capt.

C O P Y

27392/MR/Gp

t r a n s l a t i o n

(M.E.)

February 9th 1945

TO: Metallurgica Corradini  
N a p l e sRifredi store - copper wires.

According to agreements with Eng. Longhi  
to our Florence stores at cost only  
through our trucks or supply given to your Na-  
other means according ples factory  
with our ordere, even-  
tually

when the materials will be ready and a bill will  
be delivered

in 30 days after the copper arrival in your plant

MATERIALS TO BE WORKED

approx 20 tons of copper scrap (clean, solid copper,  
without tin or other extra materials, solid wires  
diameter not less than 3 mm. and stranded wire con-  
sisting of solid wires diam. not less than 2 mm.)  
to be transformed in

- |             |            |              |                    |
|-------------|------------|--------------|--------------------|
| 1) Kg 5,000 | solid wire | diam. 3,6 mm | (half raw quality) |
| 2) Kg 6,000 | "          | "            | 4,- "              |
| 3) Kg 6,000 | "          | "            | 5,- "              |
| 4) Kg 1,000 | "          | "            | 8,- "              |

works cost £. 60 per Kg of  
solid copper delivered

The weight of each span must be Kg. 150 to 200 for  
the 8 mm wire; kg. 70 for the 5 mm wire; kg. 60 for the 4 and  
3.6 mm wire, of solid copper. As losses we agree to receive  
Kg. 100 each 110 Kg of scrap copper.

The scrap copper will be delivered <sup>497</sup> your Na-  
ples store without any your expense.

Technical characteristic of the wire.

The solid copper to be delivered must have a conducibility not  
less than 90 to 92%; the other characteristic must be according  
with the C.E.I. rules.

STORES TO BE WORKED  
written page 11, vol. V

NOTE: We accompany the charging sheet  
in two copies and we ask you to return  
us one copy signed, as a receipt.

*file Tolokun*  
EJB/lam *4*

INTER-OFFICE MEMO

23 March, 1945

Subject: Materials and Supplies Valdarno  
TO : Major Price

The rehabilitation of plants in Pian della Rocca, Lima areas are a joint operation of PBS and A.C.

Major Mac Donald of PBS will do everything possible to supply these projects from stocks available to him and would appreciate any cooperation you can give him.-

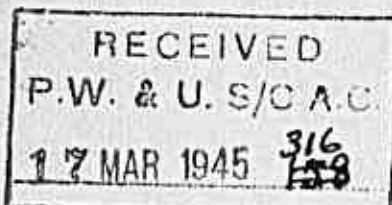
*EJB*  
E.J. BARRY  
Major C.E.  
Electric Generation Depart.

4376

CIETA' ELETTRICA SELT-VALDARNO  
=====

Florence. March 15th 1945. *bul 3*

OBJECT/ Power rehabilitation  
programme. Nera Montoro plant.



To/

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUBCOMMISSION  
ALLIED COMMISSION

*How about it? This is long  
term planning, but  
may be useful. 17/3*

*See minutes of Advisory  
Committee work*

We take a chance to bring to your attention our plan for creating in the shortest lapse of time, a hydroelectric plant of about 20-100 Kwh, which plan we might only fulfil through your help.

It would be question of increasing the Nera Montoro output, which presently uses the Nera river supply between Recentino and Nera Montoro through one single tunnel 2900 m. long, carrying a maximum load of 80 cubic meters per second. In the plant are installed 4 turbo-alternator units, each for 6000 KVA (4500 Kwatt - 50 period).

Only three of these should normally work, while one should be left for emergency. As a matter of fact, power absorbed by each unit is of 26 cubic m. per sec., amounting altogether to:

$$cm\ 26 \times N^{\circ}3 = cm\ 78 + 2$$

the latter necessary for the separate exciter, equal 80 cm per second, meaning the maximum capacity of the tunnel.

The river's average annual output is of 80 cubic meters per second, which shows that during several months of the year, there is plenty of power available from the Nera river, besides the one coming through the Nera M. plant. So water surplus at present reaches the dam's summit without being used. This, considering also that several important hydraulic works are ready (having been carried through these last years) on the upper course of the river (Salto & Tarano reservoirs) which brought considerable increase in water supply.

Considering the above facts, the Selt-Valdarno Company, in 1941 planned and carried out a programme for enlarging the Nera M. plant ammounting it to use all of the Nera water released by the northern plants.

Following programme was settled for the purpose:

- 1- Changing the Recentino outlet structures.
- 2- Building a second tunnel, parallel to the first (for carrying 80 cubic meters per sec.)
- 3- Installing at Nera Montoro a new vertical unit, capable of absorbing 50 cubic m. per sec. and produce 14000 HP through a 23 m. fall.

Altogether, the Nera M. power factor should thus have reached 22000 KW with average annual output of 160.000.000 Kwh.

The works on the second tunnel, begun in May 1942, were interrupted in November 1943; about a third of the tunnel was finished, 2000 m. are now still missing.

Owing to the fact that the turbo-alternator unit is still in Northern Italy, it is impossible to think of installing a new unit. We believe however in carrying out the job on a reduced scale, with more reasonable expense, so being able in a short while to produce around 20.000.000 Kwh through the year.

We would plan to finish the second tunnel (without a new outlet structure, nor any new reservoir or unit), so using for the moment

./.

water through the new tunnel by the emergency unit which might produce 4500 KW for more than 4500 hours a year, totalling more than 20 million Kwh.

For carrying out this programme, we only need to finish the tunnel works, bring a few changes to the Recentino outlet works and connect the new tunnel at its outlet with the main reservoir: no other hydraulic work is necessary as the unit has already a transformer and line.

For carrying through the 2km long tunnel works, three solutions are forthcoming:

- 1) To finish the whole tunnel in cement.
- 2) " " using hydraulic mortar & partly cement.
- 3) To build only the upper part of the tunnel in cement considering that it would be sufficient for our programme, to build just a 25 cubic m. capacity tunnel.

We would need Allied help in getting an assignment of following materials

|                    | <u>1st solution</u> | <u>2nd solution</u> | <u>3rd solution</u> |
|--------------------|---------------------|---------------------|---------------------|
| Cement             | 4180 tons           | 1800 tons           | 1800 tons (1)       |
| Dynamite           | 10000 Kg            | 10000 Kg            | 10000 Kg            |
| Nitrogen explosive | 30000 Kg            | 32000 Kg            | 16000 Kg            |
| Slow-match         | 150000 mm           | 160000 mm           | 67000 mm            |
| Detonators         | N°132000            | N°140000            | N°60000             |
| Naptha             | 80 tons             | 200 tons            | 45 tons             |
| Trucks             | N°2                 | N°5                 | N°2                 |

Cement should be provided from Spoleto (already regularly connected by railway with Nera M.) This should be most important in reducing transport needs. The Spoleto cement factory has at present plenty of cement which was frozen by V Army. We believe however that when the frontline will have moved further north, it will be possible to obtain cement from the above factory. In case of shortage of paptha, petrol might be used.

We are ready to give you all direct, detailed information regarding our programme, as you will notice from the above facts, we should be in condition, with a slight effort, to produce for next year at least 20 million extra Kwh power. All we need, is your kind help and best cooperation.

Your's sincerely

SOCIETÀ ELETTRICA SELT-VALDARNO  
L'Amministratore Delegato

*[Signature]*

4371

*I will approve this project as an Italian Government sponsored job.*

*(1) = 2 railway cars per week*

RECEIVED  
P.W. & U. S/C A.C.  
17 MAR 1945 316

ADVANCED SECTION  
ELECTRICAL DIVISION  
PUBLIC WORKS & UTILITIES SUB-COMM.  
ALLIED COMMISSION

2

Attached is copy of a report from Eng. Benetti of  
Selt-Valdarno Co. after his recent visit to the areas  
referred to.

*[Signature]*  
Major.

*Dr. Al. Rappin*

*May 17/3*

437

*Ch. Rappin.*

TranslationSITUATION OF TURBINE REPAIRSPIAN DELL ROCCA  
II Calavorno Unit.

Michell box, cover, exciter supporting ring are cast and are under work at Veraci Workshop.

This work is expected to be finished by the 24th Inst.

The principal and auxiliary exciters of this unit are ready in the S.I.M.E. factory; materials can be withdrawn on the 16th Inst.

II Lima Unit.Turbine.

One of the distributor rings and the big blade-supporting ring have been cast, and sent in Veraci factory for working.

The second distributor ring, the discharge curve have been sent to be cast.

Models for turbine half spiral and bearings are under construction.

These parts must be brought to Veraci factory for casting.

All the turbine parts are expected to be ready by the end of April.

*Sanluca 3 unit by June.*

Generator.

For repairing the generator's coils, the following materials are necessary:

|                                  |         |
|----------------------------------|---------|
| Mica and paper compounded ribbon | 3.000 m |
| Cotton ribbon                    | 2.000 " |
| Sterling ribbon                  | 2.000 " |
| Mica and paper sheets            | 50 Kg   |
| Black insulating varnish         | 40 "    |
| Super bol varnish                | 15 "    |
| Presspan board                   | 20 "    |
| Twisted thread                   | 5 "     |
| Bakelite board                   | 30 "    |
| Evaporated beech wood            | 0,10 mc |
| Paraffin                         | 20 Kg   |

Repairs can be done within a month from the delivery of these materials.

III Lima Unit

The turbine spiral of the 3rd Lima unit will be ready at the end of March.

The unit will be assembled, but cannot operate until Castelnuovo di Garfagnana is liberated because the turbine wheel and shaft are hidden underground there.

5000 KVA Transformer - Ratio 5000/60000 Lima Plant

For repairing this transformer, the following materials are necessary:

|                                                             |        |
|-------------------------------------------------------------|--------|
| Bakelite cylinders n.1, Ø m/m 496-514, h m/m 1318 mm9 thick |        |
| n.1, Ø m/m 707-725, h m/m 1318 mm9 thick                    |        |
| Copper bar mm 12 x 5,45 rounded edges, radius 0,5mm Kg.395  |        |
| n.1 bakelite ring Ø 422-470mm, h mm 80                      |        |
| n.1 " " Ø 736-768 mm, h mm 90                               |        |
| Presspann sheets 1 x 2 m - 30/10                            | Kg.150 |
| " " 1 x 2 " 15/10                                           | " 150  |
| Medium cotton ribbon 30 mm - 4000 m                         |        |
| " " 20 " 2000 "                                             |        |

Works need one month.

Galliciano Plant

Two 5000 KVA units have been saved from German destruction. According to the latest news, these units are in good condition. To set the plant running when the military situation allows it, it is necessary to repair at once the penstocks, hit in several parts by shells, and flattened on a length of 15 m at a underground crossing with provincial route Galliciano-Castelnuovo.

Two destroyed dilatation joints need reconstruction.

For this work is good to get ready beforehand the materials, which have been applied for but not received:

|                          |         |
|--------------------------|---------|
| steel sheets 15 mm thick | 1900 Kg |
| " " 10 " "               | 7800 "  |

to be released at Lenzi Co., Lucca.

Before putting water in the plant, the following parts must be repaired:

The canal bridge of S. Andrea on Turrite di Galliciano supply  
 The canal bridge or the surface discharge (we do not yet know which of the two have been destroyed) on Serchio supply.

For these works the following materials have been applied  
for:

|                           |              |
|---------------------------|--------------|
| Cement                    | 400 quintals |
| Fir poles                 | 20 mm        |
| Fir rules 8 x 8           | 5 m          |
| Small boards 2,5 cm thick | 10 m         |

Sperando plant.

Works are in progress for the reconstruction of walls and of crane's running surfaces.

For reconstructing the buildings roof - 400 sqm - we are gathering timber, tiles, iron bars for enforced concrete, gravel and sand. 400 quintals of cement have been applied for, but not received as yet for this work.

As soon as the ceiling is ready, a 5500 HP turbine, saved from German destruction, will be assembled, and coupled to a 6000 KVA generator from Gallicano Plant.

To repair the windings of this generator, the following materials are necessary:

|                                |        |
|--------------------------------|--------|
| Compound mica and paper ribbon | 8000 m |
| Cotton ribbon                  | 4000 " |
| Sterling ribbon                | 3000 " |
| Mica and paper sheets          | 75 Kg  |
| Black insulating varnish       | 50 "   |
| Super bol varnish              | 20 "   |
| Presspan cardboard             | 30 "   |
| Twisted thread                 | 10 "   |
| Bakelite boards                | 50 "   |
| Evaporated beech-wood          | 0,2 m  |
| Paraffin                       | 30 Kg  |

*14<sup>th</sup> March 1945*

Telephone 478905  
IDP/ba

FILE

HEADQUARTERS ALLIED COMMISSION  
APO 394  
Public Works & Utilities Sub Commission  
Electrical Division

24/3/45

Reference: 316/PTU

Subject : Stranded Iron Wire

To : Advanced Section Electrical Division  
Public Works and Utilities Sub Commission  
Allied Commission  
Via Constantin - Florence

1. Reference your request on behalf of Salt-Valerino for stranded iron wire.
2. Herewith MAT. 12 No. AC.2550 dated 12 March 45 which is the authority to collect from Siderurgia Commerciale Florence.

By Command of Rear Admiral Stone,

L. G. PRICE  
L.G. PRICE, MAJOR RE  
for Isaut Colonel  
Chief Electr. Division

Encl. as para 2.

436