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SERVICE & SUPPLY SUBCONTRACT # 7401-37-122

This subcontract entered into this 20th day of Feb.1944, by and between he University of Chicago, a corporation not for pecuniary profit organized under he laws of the State of Illinois, of Chicago, Illinois (hereinafter called the Contractor" and Fra Tool and Engineering Co., a corporation rganized under the laws of the State of Illinois, of 4555 W.Addison St. hereinafter called the "Subcontractor". Chicago, Illinois

WHEREAS, the Contractor has heretofore entered into a contract with the United tates of America (represented by its duly designated contracting officer) under ontract designated as No. W 7401-Eng.37 and supplements thereto to perform cerain work as therein specified; and

WHEREAS, the Contractor desires the Subcontractor to furnish certain services, and services being within the scope of the aforesaid contract,

NOW, THEREFORE, the parties hereto agree as follows:

ARTICLE I - Subject work

1.0

The Subcontractor shall, with the utmost dispatch and in accordance with the instructions of the Contractor which instructions shall be in the form of sketches, plans, and/or drawings, supported by work orders, produce the work therein specified, and at the rates shown in Schedule A which is attached hereto and made a part hereof.

- 1. The Subcontractor shall furnish the necessary personnel, facilities, and equipment to produce special machining of parts for special equipment, tools, jigs, fixtuetc., from materials furnished by the Contractor to the Subcontractor; the Subcontractor to furnish such additional material as may be required.
- 2. In consideration of the Subcontractor's undertaking this work, the Subcontractor shall be paid by the Contractor for the performance of the work hereunder on the following basis:
 - (a) The hourly rates shall be those listed in Schedule A hereto attached; it being understood and agreed that these rates include all direct and indirect labor costs, costs of operation, and maintenance of said equipment and all insurance and overhead. Any work herein provided for that may be required to be performed on Sunday, shall be authorized in writing by the Contractor.
 - (b) All materials purchased from outside vendors or drawn from stock, required for the performance of the work hereunder shall be billed by the Subcontractor to the Contractor at actual cost.

Classification Cancelled

By Authority Of Doc

By Jan Date 8-28 This document

This document contains information affecting the Nati defense of the United States within the meaning of Espromato II. S. C. 50; 31 and 32. Its transmis or the revelation of its contents in any manner t

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The rates and terms specified above will constitute full compensation to the Subcontractor, for all work and services to be performed hereunder.

3. The Subcontractor herewith provides the Contractor with the following blanket certification with respect to the authenticity of the Subcontractor's accounts and records and to invoices rendered in connection with its performance of the subject work hereunder, which certification shall be regarded as accompanying each invoice the same as if recited thereon:

"We hereby certify that the charges made to the Contractor by the Subcontractor for the materials and labor listed on invoices in connection with the performance of the Subcentractor, hereunder were required by, and were incurred in the performance of the work under this Subcontract, under Contract No. W-7401-eng.37; that payments have been made of all amounts for which reimbursement is claimed; that reimbursement had not been received at the date claims that all Federal and State legal and statutory requirements pertaining to purchase, labor, production, and wage and salary orders and regulations have not been knowingly or willfully violated; that the charges representing issues or services; and that all original supporting records including payrolls, invoices, receiving reports, ... check registers, stock requisitions, etc., pertaining to the authenticity of the reimbursement thereby claimed and not attached to the invoices when rendered will be kept available for inspection upon request by authorized representatives of the Contractor and/or of th United States Covernment, subject to the applicable statutes of limitation."

ARTICLE II - Term

The Subcontractor shall proceed with the services herein provided for until June 30, 1944 "", or until such later date as may be authorized in writing by the Contractor and agreed to by the Subcontractor, such completion date in no event, however, to extend beyond the date of termination of prime contract No. W-7401-eng-37.

ARTICLE III - Payments

The Subcontractor shall be paid currently as invoices are submitted for complete jobs, or as soon thereafter as practicable at the rates stipulated herein for services rendered, less deductions, if any, as herein provided, upon the submission of true and correct invoices or vouchers prepared in quintuplicate, and bearing code description number of this sub-comtract (7401-37-122)

The total estimated cost of this subcontract to the Contractor for the period from February 20, 1944to June 30, 1944is not to exceed \$3,000.00 and when that amount of cost is incurred, the Subcontractor shall not proceed with its work hereunder until so authorized in writing by the Contractor.

ARTICLE IV - Patents

It is understood and agreed that whenever any discovery or invention believed the new is made by the Subcontractor or its employees in the course of the service filled for in this subcontract, the Subcontractor agrees to keep witnessed and dated written records of all such discoveries and inventions and shall promptly furnish the Contractor with complete information thereon and the Contractor shall have the sole power to determine whether or not a patent application shall be filed to determine the disposition of the title to and the assignment of rights er any application or patent that may result. It is further understood and end that the judgment of the Contractor in such matters shall be accepted final, and the Subcontractor for itself and for its employees agrees that the enter or inventors will execute all decuments and do all things necessary or will include the judgment of the Contractor. The Subcontractor agrees will include the provisions of this paragraph in all contracts of employment the persons who do any part of the services called for in this subcontract. It is paragraph to the services called for in this subcontract. It is paragraph to prepared the prosecuted without expense to the Subcontractor.

TICLE V - Assignment of Rights Hercunder

Neither this subcontract nor any interest therein or claim thereunder shall assigned or transferred by the Subcontractor to any other party or parties.

TICLE WI - Safeguard of Information

It is understood that disclosure by the Subcontractor or its employees of afformation relating to the services contracted for hereunder to any person not attitled to receive it, or failure to safeguard all secret, confidential and retricted matter that may come to the Subcontractor or any person under its control a connection with the subject services under this subcontract, may subject the abcontractor, its agents, employees, and subcontractors to criminal liability ander the laws of the United States. (See Title I of an Act approved June 15, 917, 40 Stat. 217; 50 U.S.C. 30-42), as amended by an Act approved March 23, 1940, 54 Stat. Chap. 72); and the provisions of an Act approved January 12, 1938 (52 tat.3; 50 U.S.C.) Supp. V 45-45d) as supplemented by Executive Order No. 8381, ated March 22, 1940, 5 F. R. 1147 D. I.

RTICLE VII - Espionage or Sabotage

The Subcontractor shall immediately submit a confidential report to the Contractor whenever for any cause it has reason to believe that there is an active danger of espienage or sabotage affecting any of the work hereunder.

ARTICLE VIII - Employment of Aliens

The Subcentractor shall not employ any alien on or permit any alien to have access to the plans, specifications, or services hereunder without the written consent of the Contractor as to each such alien.

ARTICLE IX - Employee Origin and Exclusion of Undesirables

The Subcontractor, whenever requested by the Contractor, shall report to the Sontractor the citizenship, country of birth, or alien status of any or all of its employees at the site of, or having access to, any of the services hereunder. The Subcontractor shall not employ, or continue the employment of, any person or persons designated by the Contractor as undesirable to have access to the premises where the services of the Subcontractor are being performed hereunder, and the Subcontractor shall exclude any person or persons so designated by the Contractor from such premises.

ARTICLE X - Property Acquired and Used

In the event the rate or charges specified herein to be paid to the Subcontractor include an allowance for property to be especially acquired for the

rying out of the services herein provided for, title to all such property shall t in the Contractor. Also, title to all materials, supplies, apparatus, equipment other property which may be furnished by the Contractor to the Subcontractor here or to facilitate the carrying out of the services herein provided for shall renin the Contractor and all such property, etc., shall be used by the Subcontractorly for the purposes approved by the Contractor.

ICLE XI - Visit, Inspection, and Report of Progress

 T_{he} S_{u} bcontractor whenever requested shall permit an authorized representative of the Sontractor to visit the site of the work at all reasonable hours and inspect the S_{u} bcontractor's performance hereunder.

In the event the services being performed by the Subcentractor hereunder are found to be deficient, or otherwise not in conformity with specifications, requirements, and/or instructions as negotiated hereunder, the Contractor shall have the right to reject such services or require their correction without additional cost to it.

The Subcontractor shall report the progress of performance hereunder from time to time as requested by the Contractor; and shall furnish a complete report of its findings and conclusions upon completion of its undertakings herein. Such report shall be furnished in such quantities and form as may be required by the Contractor.

RTICLE XII - Data Regarding Performance

- All drawings, designs, specifications, data and memoranda of every description relating to the services or any part thereof are to become the property of the Contractor upon completion thereof, subject to the right of the Subcontractor to retain duplicates thereof for use as records only, and the Contractor shall have full right to use said drawings, designs, specifications, data and memoranda in any manner when and where the Contractor may designate without any claim on the part of the Subcontractor for additional compensation. A complete list of the duplicates of classified records retained by the Subcontractor shall be furnished to the Contractor.
- All drawings, designs, specifications, data and memoranda of every description concerning the subject services shall be delivered to the Contractor when requested by the Contractor; and, furthermore, access to such drawings, designs, specifications, data and memoranda as may contain classified information shall be restricted to trusted and duly authorized representatives of the Contractor and the Subcontractor, except as otherwise specifically authorized in writing by the Contractor.

ARTICLE XIII - Insurance

The Subcontractor shall take out and maintain the following insurance during the period of this contract, as his own cost and expense:

- a. Public Liability Insurance insuring the Contractor and the Subcontractor, and the Board of Trustees of the Contractor, individually and collectively, written by a company approved by the Contractor in amounts of \$5,000.00 to \$10,000.00

and to determine the disposition of the title to and the assignment of rights under any application or patent that may result. It is further understood and agreed that the judgment of the Contractor in such matters shall be accepted as final, and the Subcontractor for itself and for its employees agrees that the inventor or inventors will execute all documents and do all things necessary or proper to carry out the judgment of the Contractor. The Subcontractor agrees it will include the provisions of this paragraph in all contracts of employment with persons who do any part of the services called for in this subcontract. Any apatent applications filed on such discoveries or inventions shall be prepared and prosecuted without expense to the Subcontractor.

ARTICLE V - Assignment of Rights Hereunder

Neither this subcontract nor any interest therein or claim thereunder shall be assigned or transferred by the Subcontractor to any other party or parties.

ARTICLE WI - Safeguard of Information

It is understood that disclosure by the Subcontractor or its employees of information relating to the services contracted for hereunder to any person not entitled to receive it, or failure to safeguard all secret, confidential and restricted matter that may come to the Subcontractor or any person under its control in connection with the subject services under this subcontract, may subject the Subcontractor, its agents, employees, and subcontractors to criminal liability under the laws of the United States. (See Title I of an Act approved June 15, 1917, 40 Stat. 217; 50 U.S.C. 30-42), as amended by an Act approved March 23, 1940, (54 Stat. Chap.72); and the provisions of an Act approved January 12, 1938 (52 Stat.3; 50 U.S.C.) Supp. V 45-45d) as supplemented by Executive Order No. 8381, dated March 22, 1940, 5 F. R. 1147 D. I.

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The Subcontractor, whenever requested by the Contractor, shall report to the Sentractor the citizenship, country of birth, or alien status of any or all of its employees at the site of, or having access to, any of the services hereunder. The Subcontractor shall not employ, or continue the employment of, any person or persons designated by the Contractor as undesirable to have access to the premises where the services of the Subcontractor are being performed hereunder, and the Subcontractor shall exclude any person or persons so designated by the Contractor from such premises.

ARTICLE X - Property Acquired and Used

In the event the rate or charges specified herein to be paid to the Subcontractor include an allowance for property to be especially acquired for the

ARTICLE XIII, Cont'....

Posere undertaking any work herounder the Subcentractor will cause to be delivered to the Contractor certificates of the insurance companies as to the particulars of the insurance hereinabove referred to, which certificates shall centain a provision that such insurance will not be canceled by lapse of time or otherwise except upon five (5) days prior written notice to the Centractor, sent by United States Registered Mail, postage prepaid, addressed to the Centractor, attention of W. B. Harrell, Business Manager, 956 E. 58th St., Chicage, Illineis.

ARTICLE XIV. EIGHT-HOUR LAW

The Subcontractor shall compensate laborers and mechanics for all hours worked by them hereunder in excess of eight (8) hours in any one calendar day at a rate not less than one and one-half times the basic rate of pay of such laborers and mechanics.

ARTICLE XV. ANTI-DISCRIMINATION

The Subcentractor shall not discriminate in any act performed herounder against any citizen on the ground of race, creed, color or national origin.

ARTICLE XVI. CONVICT LABOR

The Subcontractor shall not employ any person undergoing sentence or imprisonment at hard labor.

ARTICLE XVII. OFFICIALS NOT TO BENEFIT

No member of or delogate to Congress, or resident commissioner shall be admitted to any share or part of this subcentract or any benefit that may arise therefrom, but this provision shall not be construed to extend to this subcentract if made with a corporation for its general benefit.

RTICLE XVIII. COVENANT AGAINST CONTINGENT FIES

The Subcentractor warrants that it has not employed any person to selicit or secure this subcentract upon any agreement for a commission, percentage, brokerage or centingent foe. Breach of this warranty shall give the Centractor the right to annul the subcentract, or, in its discretion, to deduct from the centract price or consideration the amount of such commission, percentage, brokerage or centingent fee. This warranty shall not apply to commissions payable by the Subcentractor upon centracts of sale secured or made through bena fide established commercial or selling agencies maintained by the Subcentractor for the purpose of securing business.

ARTICLE XIX. CHANGES

The Centractor may from time to time by written orders transmitted to the Sub-centractor change the extent or amount of the services covered by this agreement.

ARTICLE XIX. Cent'...

If any of such changes cause material increases or decreases in the amount or character of the services to be rendered by the Subcentracter hereunder, the centract price herein provided for shall be increased or decreased accordingly and amendment to this agreement executed covering same.

ARTICLE XX. DISPUTES

ARTICLE XXII. ALTERATIONS

All disputos concerning questions of fact arising under this subcentract which are not disposed of by mutual agreement shall be decided by the Contracting Officer under the prime centract, whose decision in writing shall be final and conclusive.

ARTICLE XXI. RELATION TO PRIME CONTRACT

It is understood that this is a subcontract under the prime centract hereinabeve referred to, and by reasen thereof subject to all the terms, conditions and limitations imposed by such prime centract, including the condition that the effectiveness of this subcontract is subject to the prior written appreval of the contracting efficer in said prime centract or his duly authorized representative. Inamuch as the prime centract is a secret centract and the terms thereof have not been revealed to the Subcontractor, it is expressly understeed and agreed by the parties hereto that this Article does not obligate the Subcentractor financially or in accountability for property, materials, supplies, or services to an extent beyond what is specifically made the obligation of the Subcentractor in this subcentract.

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Subcontracto	r Era Tool & Engine	ering Company
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Title:	President	i^{7}
I,	A. J. Longo	certify that I am the
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who signed t	his subcontract on behalf o	f the Subcontractor was then
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Schedule A

Attached to and made a part of Subcontract #7401-37-122 between The University of Chicago and Era Tool and Engineering Co.

(Labor Rate Schedule)

Machine	Tool	Operators	_	Straight t	ime	3.50	per	hour
				Over time		4.50	per	hour
				Double tim	ıe	5.50	per	hour

(Material Price Schedule)

High speed steel	•	.85	per	pound
Carbon, steel		.10	per	pound