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MUNICIA Subproject 104

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Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
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Report of Pyraeditures from Grants received from February, 1960 - August, 1961

104-3

 Grant Avarded February 16, 1960
 \$ 6,000.00

 Grant Avarded March 27, 1951
 3,500.00

 Total Funds Received
 \$ 9,500.00

Less: Expenditures for: \$ 7,317-15 Salaries \$ 7,317-15 Supplies Expenses 4.38.36 Travel 315.68 Overhead 1,1425.00

Overhead 1,425.00

Total Expenditures \$
Unexpended Balance

I certify that this is a true accounting as submitted by the University and that services have been satisfactorily rendered.



ECT : MAULINA, Subproject 104 , Authorization No. 2

Under the authority greated in the memorardum dated 13 April 1955,

Pinance Division

MERIORANDUM FOR :

1 - TSD/CC 2 - TSD/FASS 2 - TSD/RB

ATTENTION .
SUBJECT

DATE: 20 February 1961

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2 Harch 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA :

: TSD/Budget Officer

SUBTECT

MKULTPA, Subproject 104, Invoice #2

Invoice No. 2 covering the above subproject is attached.
 Payment should be unde as follows:

Caphter's check in the amount of \$140.00 payable to

Cashier's check in the amount of \$3,500.00 payable to

2. Please forward the checks to Chief; TSD/Research Brench through TSD/Redget Officer by 10 March 1961.

 This is a final invoice. Everyer, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

Chief
Attachments: TSD/Research Branch
Invoice & Certifications

Distribution:

1 - TSD/FASS RECEIVED 1/2

2 - TSD/RB

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2 March 1961

HEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA'

1 TED/Budget Officer

: MRULTRA, Subproject 104, Invoice #2 Allotment 1125-1390-3902

1. Invoice No. 2 covering the above subproject is attached. Payment should be made as follows:

> Cashier's check in the amount of \$140.00 payable to Bank .

2. Please forward the checks to Chief, TSD/Research Branch through TSD/Budget Officer by 10 March 1961.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.

TSD/Research Branch

Attachments: Invoice & Certifications

Distributions Orig & 2 - Addressee



-104-8

15 March 1961



Gentlement

We are pleased to be able to transmit to you the following funder

Treasurer!a Chert No. drewn on the for \$140.00, dated

Cashier's Check No.

drawn on the for \$3,500.00, dated 15 March 1961.

These funds represent a contribution for the use of your directors in carrying out the very worthwhile research goals of your organization.

Yours truly.

Encl.

Checks (2)



2 Harch 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA

: TSD/Buiget Officer

SUBJEC

MOULTRA, Subproject 104, Invoice #2 Allotment 1125-1390-3902

1. Invoice No. 2 covering the above subproject is attached.
Payment should be made as follows:

Cashier's check in the arount of \$160.00 payable to

Cashier's check in the enount of \$3,500.00 payable

2. Please forward the checks to Chief, TSD/Research Branch

through TSD/Raiget Officer by 10 March 1961.

3. This is a final invoice. Econver, since it is unticipated

3. This is a final invoice. However, since it is unticipated that additional funds will be obligated for this project, the files should not be closed.

Attachments: Invoice & Certifications TSD/Research Branch

Distribution: Orig & 2 - Addressee

1 - TSD/FASS



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(2) It is brookly correlated that this lawder applies to Suntraject 104 of Millian raids was fully appropriat, and that the project is being something and accordance with the research when all 13 April 1977 from the POI to the POI to the color of the surface was substituted to retreat the surface of the surface was substituted to retreat the surface.

PROGRAM PERSONER

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SECRET

20 Feb 61

This is an continuation of Sub reader \$104.

1. Furpose of Project:

Isolation of growth factors
that greatly increase bacterion

logical growth useful in cutting
down time taken to initiate

subtle sebotage

2. Froject Menitor:

Rocm 119

Exc. F

o tour

DRAFT 17 February 1961

MEMORANDUM FOR: THE RECORD

SUBJECT

: MKULTRA, Subproject 104

1. The purpose of subproject 104 is to support the work of Dr. at the on the studies of ecological relations involved in the deterioration of petroleum products.

- 2. Dr. principal investigator, has been cleared through SECRET.
- 3. The cost of this program for the next six (6) months is \$3,500.00

 To this must be added the sum of \$140.00 representing a four per cent service charge to the making the total amount for the six (6) month period \$3,640.00. The will function as cut out and cover for this grant. The cover title of the project is
 - 4. Total cost of the project for a period of six (6) months will not exceed \$3,640.00. Charges should be made against Allotment No. 1125-1390-3902.



5. The has requested the University to submit a summary accounting of monies received and to return any unexpended grant funds at the end of the project year.

- 6. It was mutually agreed that documentation and accounting for travel expenses which are reimbursable by the University shall conform with the accepted practices of that institution.
- The requirement for a six months' informal accounting on the part of the principal investigator is waived.



APPROVED FOR OBLIGATION OF FUNDS:

APPROVED:

Research Director

Chief.

TSD/Research Branch

Date:_

Attachment:

Proposed budget and proposal

Distribution: Original only



10412

PROPOSED BUDGET

Pay of personnel \$2,000.00

Travel 400.00

Supplies 850.00

Clerical and Miscellaneous 250.00

Total

RESEARCH PROPOSAL

The research to be undertaken in this next period involves the study of the growth stimulating principles extracted from natural occurring substances.

These growth substances will be studied as to their effect on increasing the rate and number of organisms grown in a given time. The course of the investigation will be to attempt to elucidate the contribution of each substance to the total metabolic situation. It is hoped that by understanding the mechanism of these relationships, substances can be found which will enable more rapid attainment of high microbial populations. In any case, a basic study of such factors should contribute to a more complete understanding of the mechanics of microbial growth.

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DATE: 20 Pebruary 1961

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SCHEDULE OF GRANT PAYMENTS

August 8, 1960

Paid February 1, 1960
Paid May 1, 1960
Paid August 1, 1960
Due November 1, 1960

1,500,00 4

1,500.00 4 1,500.00 4 330 1,500.00 238

Total grant. . . . 6, 000.00

February 5, 1960



We are pleased to be able to transmit to you the following funde:

drawn on the for \$6,000.00, dated 2 Feb. 1960.

These funds represent a contribution for the use of your directors in carrying out the very worthwhile research goals of your organization.

Yours truly,

Encl.

Checke (2)



104001

Cost Account 2535-1029-4802

Object Class ____

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
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29 December 1959

MEMORANDUM FOR: COMPTROLLER

ATTENTION

: Finance Division

SUBJECT

1 MKULTRA, Subproject 104

Under the authority granted in the memorandum dated

13 April 1953 from the DCI to the DD/A, and the extension of
this authority in subsequent memoranda, Subproject 104 has
been approved and \$6,240.00 of the over-all MKULTRA project
funds has been obligated to cover the subproject expenses. This
obligation of funds should be charged to Allotment 0325-1869-4902.

CAIO

TSS/Chemical Division

APPROVED FOR OBLIGATION of Funds:

Research Director

Date: 2015

Distribution: Orig & 2 - Addressee

1 - TSS/OC

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CERTIFY THAT FUNDS ATS AVAILABLE COMMENTER TO PURCHASE TO PURCHASE

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DATE

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26 January 1960

MEMORANDUM FOR CHIEF, FINANCE DIVISION

VIA

1 TSS/Budget Offices

SUBJECT

MKULTRA, Subproject 104, Invoice #1
Allotment 0525-1009-4902

Invoice No. I covering the above subproject is attached.

Payment should be made as follows:

Cashler's check in the amount of \$240.00 payable countries to Bank.

Cashler's check in the amount of \$6,000.00 payable to drawn on

- Please forward the checke to Chief, TSS/Chemical Division through TSS/Budget Officer by 9 February 1960.
- 3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files about not be closed.

Attachments:
Invoice & Cartification REDGIVE...

Distribution:
Orig & 2 - Addresses

2 - TSS/FASR MEDICAL AND THE AMOUNT OF 52/2

2 - TSS/CD REGGIVE...

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26 January 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

AIV

1 TSS/Budget Officer

SUBJECT

1 MKULTRA, Subproject 104, lavoice #1 Allotment 0525-1009-4902

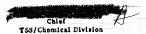
1. Invoice No. 1 covering the above supproject is attached. Payment should be made as follows:

Cashier's check to the araount of \$240.00 payable

Cashler's check in the amount of \$6,000,00 payable

2. Please forward the checks to Chief, TSS/Chemical Division through TSS/Budget Officer by 9 February 1960.

3. This is a final invoice. However, since it is anticipated that additional funds will be obligated for this project, the files should not be closed.



Attachments: Invoice & Certifications

Distribution: Orlg & 2 - Addressee

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INVOICE

	For Services		- constitution	\$6,240.00	
		41			
ç					
		CERTIFICAT	IONS		
	(1) It is hereby cert	ifled that this i	Invoice #1 ap	plying to	
	Subproject 104 of M	KULTRA, that p	erformance i	s satisfactory	
	that services are be agreements, that a	detailed agenda	of the paymen	ats and receip	al
	is filed in TSS/CD,			ect and that	
	payment thereof bas	not yet been m	ade.		
			Chief, T	SS/Chemical	Division
	Date:				
	(2) It is hereby cer	tified that this i	nvoice applie	to Subprojec	t 104
	under MKULTRA w	hich was duly ag	proved and th	at the project	is
	being carried out in				
	13 April 1953 from t			extension of t	his
	authority in subsequ	ient memoranda	المستحصيت		
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29 December 1959

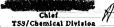
MEMORANDUM FOR: COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MKULTRA, Subproject 104

Under the authority granted in the memorandum dated

13 April 1953 from the DCI to the DD/A, and the extension of
this authority in subsequent memoranda, Subproject 104 has
been approved and \$6,240.00 of the over-all MXULTRA project
funds has been obligated to cover the subproject expenses. This
obligation of funds should be charged to Allotment 0525-1009-4902.



APPROVED FOR OBLIGATION of FUNDS:

Res	earc.	h Di	rec	lor_

Dates

Distribution: Orig & 2 - Addressee

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- 1 TSS/FASB
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29 Dec. '59)

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104-8

DRAFT 21 December 1959

MEMORANDUM FOR: THE RECORD

SUBJECT

: MKULTRA, Subproject 104

1. The purpose of subproject 104 is to support the work of Dr. on the studies of ecological relations involved in the deterioration of petroleum products.

2. Dr. principal investigator, has been cleared through SECRET.

- 3. The cost of this program for the first year is \$6,000.00.

 To this sum must be added \$240.00 representing a four per cent service charge to the making the total amount for one year \$6,240.00. The will function as cut out and cover for this grant. The title of the project is
- 4. Total cost of the project for a period of one year will not exceed \$6,240.00. Charges should be made against Allotment No.
 - 5. The has requested the University to submit

O -2.

10420

a summary accounting of monies received and to return any unexpended grant funds at the end of the project year.

- Title to any permanent equipment purchased by funds granted the University shall be retained by them in lieu of higher overhead rates.
- 7. It was mutually agreed that documentation and accounting for travel expenses which are reimbursable by the University shall conform with the accepted practices of that institution.
- 8. The requirement for a six months' informal accounting on the part of the principal investigator is waived.



APPROVED FOR OBLIGATION OF FUNDS:	APPROVED:
Rosearch Director	Chief. A
Date: 1 20 60	TSS/Chemical Division

Attachment:
Proposed budget and proposal

Distribution:
Original only



PROPOSED BUDGET

10473

 Pay of personnel
 \$4,000.00

 Travel
 600.00

 Supplies
 1,000.00

 Clerical and Miscellaneous
 400.00

Total \$6,000.00

0

0 104-39

RESEARCH PROPOSAL

The research to be undertaken under this proposal involves the study of the relationships among the two principal classes of microorganisms involved in the deterioration of petroleum products. Neither of these microorganisms alone can produce either as rapidly or quantitatively as much demage as the combination. The course of the investigation will attempt to elucidate the contribution of each class of microorganisms due to total metabolic situation. It is hoped that by understanding the mechanism of these relationships substances can be found which will enable the hardier one of the two classes to subsist alone. In any case a basic comprehension of the mechanism of microbolic deterioration will enable planning for more effective systems.