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	10:
	This is continuation of MKULTRA sub-project #91.
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	Advanced animal screening and
	preclinical pharmacological
	E. W. Carrier
	testing.
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Project MOJURA, Subproject 91

Date Initiated: 15 January 1959

Date Expires: 1 February 1962

Funds-current year: \$48,000

Purpose: To provide an advanced animal screening and pre-clinical pharmacological testing of toxics and drugs affecting human behavior with special reference to drug effects and molecular structure relationships and avoidance of undesirable effects.

Status: A continuing program of ad hoc screening and testing utilizing protocols provided by and closely monitored by TSD.



B

11 June 1964

MEMORANDUM FCR : THE RECORD

SUBJECT

MKULTRA Subprojects 70, 91, 94 and 135

Since the completion of the audit of Project MKULTRA for the period 1 August 1960 through 31 January 1963, accountings have been received from in the amount of \$93,677.50. This amount is part of the \$150,117.93 balance to be accounted for by grantees at the end of the audit period.

Subproject 70 incurred direct costs of \$2,518.34 and \$27,872.16 transferred from Subproject 94, for a total of \$30,390.50. Subproject 94 incurred expenses of \$71,324.87, but transferred \$4,165.71 to Subproject 91 and \$27,872.16 to Subproject 70, leaving a net cost of \$39,287.00. It was decided to divert the funds for Subproject 135 to Subproject 91, therefore these costs were included in the accounting from Subproject 91.

Inasmuch as: 1) all four of the subprojects had the same basic research goal in mind, 2) the great length of time that has elarged since the grants were made, and 3) the difficulty in getting accountings of any sort from the grantee, it is recommended that we facilitate this matter by accounting for the balances as shown in count for these subprojects.

The above has been concurred in by and and of the Audit Staff.

A Chief sciencist, TSD

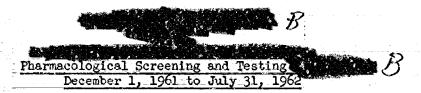
		508 91 500W	508 94 510W	SUB 135
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DIRECT COSTS		68 113 71		
COSTS TRF FM 94 TO 91	2787216	416571	2787216	
NET COSTS	3039050	72939 42	3928700	
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O.K. to turn in acetys on Sub-Projects 70, 94 and 135 as done. Inasmuch as it is so long after the fact, and the difficulty in getting actifs of any sort, we can use the acctifs as read. Cross-reference the switching. among the projects. A Anyway, A was involved in all three. I to the of Audit Staff are aware of these problems concerd. If possible Thave someone in authority sign memo for record explaining reasons for doing such-

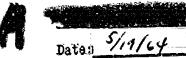
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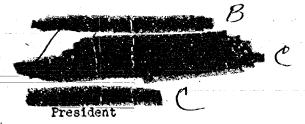
retains all the books & records of difunct . He has submitted preliminary acetys for Sub 10-4, 9\$-5, 91-4. Once he is able to thoroly analyze all the books + records he will turn in complete, finalized accountings for these projects. These three projects all had the same goal, which was the drug. that's why they felt justified in shifting the money around. He feels it probably would have been better if only one, rather than four (135 projects was written + aucharized. He andit staff, are dealing directly work + are aware of our problems in getting satisfactory acctes for these projects. Audit feels is "good" for these acotys which they are also waiting for. Therefore with the above knowledge, will hold these "prelim" acotgs, until has prepared the "finals," which should be ready in the very mear future.

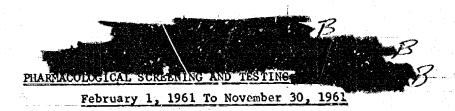


February 1, 1961 to January 31, 1962 \$48,000.00 Less, previously reported 40,000.00	\$8,000.00
February 1, 1962 to July 31, 1962	24,000.00
Total	\$32,000.00
Accounted for, as follows:	
Salaries	\$28,131.14
* 11 /4	
Payroll Taxes	1,400.08
Employee Benefits	1,400.08 355.68
Employee Benefits Laboratory Supp <u>lies and Expense</u>	1,400.08 355.68 3,541.48
Employee Benefits	1,400.08 355.68 3,541.48 569.61
Employee Benefits Laboratory Supp <u>lies and Expense</u>	1,400.08 355.68 3,541.48
Employee Benefits Laboratory Supplies and Expense Travel	1,400.08 355.68 3,541.48 569.61
Employee Benefits Laboratory Supplies and Expense Travel Other Direct Costs	1,400.08 355.68 3,541.48 569.61 2,569.17 36,372.26
Employee Benefits Laboratory Supplies and Expense Travel Other Direct Costs Indirect Costs	1,400.08 355.68 3,541.48 569.61 2,569.17

I certify that services or materials have been satisfactorily received and the expenditures were incurred on official business.



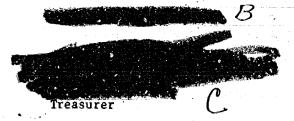




Grant Income:

February 1, 1961 to January 31, 1962	\$ 48,000.00
Less, Deferred Income	8,000.00
	40,000.00

Costs - February 1, 1961 To November 30, 1961	• •	
Salaries	18,570.83	
Payroll Taxes and Insurance	899.48	uman ne win vez evigelinen menne anne even even evigelikan vez.
Employees Hospitalization and Benefits Ins.	355.68	
Laboratory Supplies and Expense	2,532.91	
Travel	426.61	·
Other Costs	2,569.71	
	25,354.68	
Allocation of G and A Expenses	10,373.97	35,728.65
		4,271.35
Transfer of Costs from Project 510 W (94)		4,165.71
Excess of Income	Marine and the second of the s	\$ 105,64

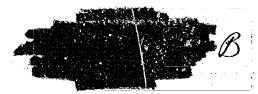


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3/12/04



February 20, 1963

Enclosed herewith you will find Statement of Accounts from and

91-8



Oentlemen:

Herewith is a statement of the funds expended in behalf of the project on pharmacological screening and testing. We trust that it will be adequate for your purposes.





February 1, 1961 To January 31, 1962

Grant Income

\$ 48,000.00 \$ 1000 on the 5 " on

Costs - Feb. 1, 1961 To Jan. 31, 1962

Salaries	\$ 23,489.27
Payroll Taxes and Insurance	1,027.36
Employees' Hospitalization and Benefits Ins.	416.19
Laboratory Supplies and Expense	3,999.17
Travel	1,506,12
Other Costs	3.847.60
	\$ 34,285.71

Allocation of G and A Expense

I have exemi expenditur

TSS/Chemical Divist

DRAFT May 1962

MEMORANDOM FOR: THE RECORD

SUBJECT

i Project MKULTRA, Subproject No. 135; Charge of Facility in which Work is Performed

- I. The original purpose of this subproject was to evaluate a number of cardidate phomical agents in facilities and under the direction of individuals who, it later developed, became makesilable for this pripose due to inforesses sincuratences.
- I is the meantime, the funds for this subproject were transferred to the extent is acticipation of the commentance the the work.
- It is view of the security difficulties tovolved in the actual return of finds from the cutool and also since another subproject [#1]) was being served by the same execut, and furthermore, since subproject #1] was capable of providing its services on these chemical agents of interest and during the same fiscal year, it has been decided to divert the work interprint for subproject #115 to the facilities of subproject #11. No significant change in funding or variation in fiscal year is concerned in this matter.

21 598 that for

ef, Techateal Services Division

Chief TSD/Research Branch

CONCUR

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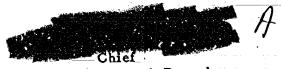
10 November 1961

MEMORANDUM FOR: THE RECORD

SUBJECT

: Correction to Project MKULTRA, Subproject 91, Authorization No. 5, dated 27 June 1961.

- 1. The referenced subproject was extended in June for only six months when the intention was to extend for one year in time, but to finance the first six months only at the time of renewal.
- 2. In order to clear up this matter, Subproject 91 is hereby extended in time only for six months beginning 1 February 1962.



TSD/Research Branch

91-11



Cost Account 3135 - 1390 - 3912

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
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27 June 1961

ESTIOUTENO MANOPLANDIN FOR:

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Pinance Division

SUBJECT

MINISTA, Subproject 91 , Authorisation No. #5

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 memorands, Subproject 91 was previously approved. Under the same authority an additional and of \$24,960.00 has been authorised to cover the subprojects expenses, to be charged against cost center но. 2125-1390-3902.

TSD/Research Branch

ARE AVAILABLE

APPROVED FOR COLLIGATION OF FUNDS:	I CERTIFY THAT RUNDS ARE AVAIL ORLIGATION EFFERENCE No. 17 CHAPGE TO ALLOYMENT NO. 2125
Research Constitution	AUTHORIZING OFFICER
De to:	
Distribution: Original & 2 - Addresses 1 - TSD/FASS 2 - TSD/RB	
TSD/RB 27 June 1961	



4 August 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

YIA

1 TSD/Budget Officer

SUBJECT

: MKULTRA, Subproject 91, Invoice #5 Allotment 2125-1390-3902

1. Invoice #5 covering the above subproject is attached.
Payment should be made as follows:

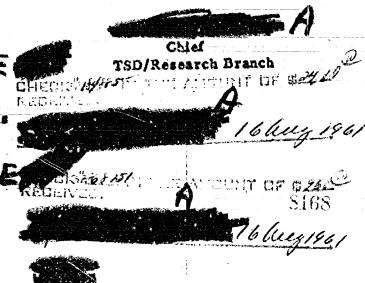
Cashier's check in the amount of \$24,000.00 payable

to

to

B Cashier's check in the amount of \$960,00 payable to

- 2. Please forward the checks to Chief, TSD/Research Branch through TSD/Budget Officer by 21 August 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.



Attachments:

Invoice & Certifications

Distribution:
Orig & 2 - Addresses



4 August 1961

MEMORANDUM	FOR: CI	dep, fou	ance division
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VIA

: TSD/Budget Officer

SUBJECT

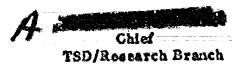
: MKULTRA, Subproject 91, Invoice #5
Allotment 2125-1390-3902

Invoice #5 covering the above subproject is attached.
 Payment should be made as follows:

Brown on

B Cashier's check in the amount of \$960,00 payable to

- 2. Please forward the checks to Chief, TSD/Research Branch through TSD/Budget Officer by 21 August 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.



1300

Attachments:

1 CERTIFY THAT FUNDS ARE AVAILABLES

ORLIGATION RESERVICE NO. 196

CHARGE TO ALL THEFIT YOURS 1010 - 3965

AUTHORIZING OFFICER

Distribution:

2 = TSD/RB

TSD/RB 4 August 1961)



17 August 1961



Gentlemen:

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

Treasurer's Check No. 184885, dated August 15, 1961, drawn on the

Treasurer's Check No. 268751, dated August 15, 1961, drawn on the for \$960,00.

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

Yours truly,

Attachments (2)



INVOICE

For Services

\$24, 960, 00



CERTIFICATIONS

It is hereby certified that this is invoice 5 applying to Sub-project No. 91 of MKULTRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is on file in TSD/RB, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSD/Research Branch

Date:		
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(2) It is hereby certified that this invoice applies to Subproject of MKULTRA which was duly approved, and that the project is being carried out in accordance with the memorandum of 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Dates





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FORM 10-59 606 USE PREVIOUS EDITIONS

(10-49)



27 June 1961

MEMORANDUM FOR: THE RECORD

SUBJECT

Continuation of Project MKULTRA, Subproject 91
Authorization #5

- 1. The purpose of this subproject is to provide funds to continue the research program which furnishes advanced animal screening and preclinical pharmacological testing required by the program on the development of new psychochemicals. The program is providing fundamental information bearing on the problem of structure activity relationships among these compounds.
- 2. The research group conducting the investigations are exerting their best efforts to provide the data requirements imposed on them. The experimental work being carried out under this project is oriented and programmed to meet our planned research and development needs. In order to bring the program into alignment with contemplated researches and possible modifications that may be dictated by anticipated results from the current research, this program will be extended for a six month period.
- 3. The cost of this program for a period of six months beginning
 1 August 1961 is estimated to be \$24,000.00. To this sum must be added
 \$960.00 representing a four per cent service charge to

total cost of the project will not exceed \$24,960.00. Charges should be made against Allotment No. 2125-1390-3902.



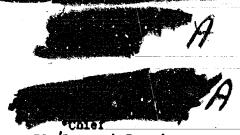
has requested that

counting of funds

received from any unused funds

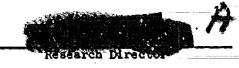
remaining at the end of the grant period.

- 5. It is not anticipated that any permanent equipment will be required for this program.
- 6. It has been agreed that documentation and accounting for travel
 expenses which are reimbursable shall conform to the accepted practices
 of the organization conducting the research.
- 7. The requirement for a semi-annual informal accounting on the part of the principal investigator has been waived.
- 8. All personnel connected with the planning and monitoring of this program possesses Agency TOP SECRET approval. The project will be unclassified after it leaves the



TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:



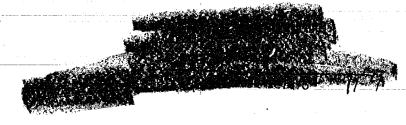
Date:

3 1969

Attachments:

Budget and proposal

Distribution: Original only.



PROPOSAL

It is proposed to continue certain biological tests of a pharmacological nature as directed by the Sponsor of this project on chemical materials and extracts to be furnished by the Sponsor.

These tests involve small animal studies and/or clinical work in certain cases as indicated in each particular instance. The sponsor will have full control of themsthods and procedures to be followed in the work and it is understood that these will vary during the course of the project depending upon research findings in other facilities working in this same general biological program.

In addition, as time and funds allow, pilot experiments will be performed utilizing various known substances having effects on the central nervous system in an effort to refine and improve the present capability of detecting and characterizing such activity in small animals. Attention will also be given to the problem of extrapolation of results between various species of animals.

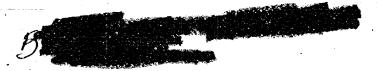
It is expected that the attached budget will be required to carry out the program outlined above for a period of six months.

BUDGET

	Salaries	\$15,000
2	Overhead (25% of Salaries)	3,750
	Travel	600
	Services (Analytical, etc.)	1,400
, 1 	Supplies and Materials	1,000
	Animals	2,250
	Total	\$24,000



15 February 1961



Gentlemen:

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

Treasurer's Check No. 180283 dated 10 February 1961, drawn or

Cashier's Check No. 2 0218h8, dated 10 February 1961, drawn on 124,000.00.

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

Yours truly,

Enclosures (2)

91-17



Cost Account 1135-1370-3702

Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
1 FEB	mkultra Sub 11 aust "1	24 960.00		24911.00
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DARE: 26 Jearney 1961

MEDORANDUM FCR : CCMPTROLLER

HOLTHEITA

: Finence Division

SURJECT

: MATERA, Subproject 91, Anthorization No. A

Under the authority granted in the memoranium dated 13 April 1953, from the DOI to the DD/A and the extension of this authority in subsequent memoranda, Subproject 91 was previously approved. Under the same authority on additional sum of 121,960.00 has been authorized to cover the subprojects expenses, to be charged against cost center 1125-1390-3908.

A -Chief
THO/Research French

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ATTROVED FOR OPLICATION OF FUEDS:

A

13 - A - X

Date:

Distribution;

Orig. & 2 - Addresses

A TSD/FASS

2 - TSD/RB



2 February 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

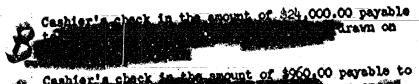
AIY

1 TSD/Budget Officer

SUBJECT

MCHIRA, Subproject 91, Invoice #4
Allotment 1125-1390-3902

1. Invoice f4 covering the above subproject is attached.
Payment should be made as follows:



Cashier's check is the amount of \$900,00 payable to

2. Please forward the checks to Chief, TSD/Research Branch through TSD/Rudget Officer by 15 February 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.

Attachments:

Invoice & Certifications REGINER A

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DRAFT

25 January 1961

MEMORANDUM FOR THE RECORD

SUBJECT: Project MKULTRA, Subproject 91

- 1. The purpose of this subproject is to provide funds to continue the research program which furnishes advanced animal screening and preclinical pharmacological testing required by the program on the development of new psychochemicals. The program is providing fundamental information bearing on the problem of structure activity relationships among these compounds.
- 2. The research group conducting the investigations are exerting their best efforts to provide the data requirements imposed on
 them. The experimental work being carried out under this project is
 oriented and programed to meet our planned research and development
 needs. In order to bring the program into alignment with contemplated
 researches and possible modifications that may be dictated by anticipated results from the current research, this program will be
 extended for a six month period.
- 3. The cost of this program for a period of six months beginning

 1 February 1961 is estimated to be \$24,000.00 To this sum must be

 added \$960.00 representing a four per cent service charge to the

 who will act as cut out, so that

 the total cost of the project will not exceed \$24,960.00. Charges

 should be made against Allotment No. 1125-1390-3902.





the submit to them a summary accounting of funds received from and that they return any unused funds remaining at the end of the grant period.

- 5. It is not anticipated that any permanent equipment will be required for this program.
- 6. It has been agreed that documentation and accounting for travel expenses which are reimburseable shall conform to the accepted practices of the organization conducting the research.
- 7. The requirement for a semi-annual informal accounting on the part of the principal investigator has been waived.
- 8. All personnel connected with the planning and monitoring of this program possesses Agency TOP SECRET approval. The project will be unclassified after it leaves

APPROVED FOR OBLIGATION OF FUNDS:

Date TSD/Research Branch

Attachments:
Budget and proposal

Distribution: Original only.



PROPOSAL

It is proposed to continue certain biological tests of a pharmacological nature as directed by the Sponsor of this project on chemical materials and extracts to be furnished by the Sponsor.

These tests involve small animal studies and/or clinical work in certain cases as indicated in each particular instance. The sponsor will have full control of the methods and procedures to be followed in the work and it is understood that these will vary during the course of the project depending upon research findings in other facilities working in this same general biological program.

In addition, as time and funds allow, pilot experiments will be performed utilizing various known substances having effects on the central nervous system in an effort to refine and improve the present capability of detecting and characterizing such activity in small animals. Attention will also be given to the problem of extrapolation of results between various species of animals.

It is expected that the attached budget will be required to carry out the program outlined above for a period of six months.



BUDGET ...

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	Salaries	\$15,000
	Overhead (25% of Salaries)	3,750
	Travel	600
	Services (Analytical, etc.)	1,400
and the months of the second s	Supplies and Materials	1,000
	Animals	2,250

\$24,000 Total____





2

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Social Sec. Ins. etc. 587.96

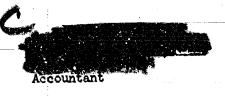
Overhead 1151.38

20,000.00

20,000.00

Balance ----



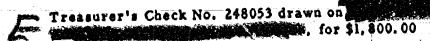


15 March 1960



Gentlemen:

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





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

Yours truly,

Enclosures (2)

91-23.



	1725
No.	1/54

Cost Account 2525 108- 4962

Object Class ____

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
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li February 1960

MEMORANDUM FOR: COMPTROLLER

ATTENTION : FINANCE DIVISION

SUBJECT

1 MKULTRA, Subproject 91, Additional Authorization No. 3

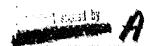
Under the authority granted in the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memorands. Subproject 91 bas been approved and \$46,800.00 of the over-all MKULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 0525-1009-4902.

TSS/Chernical Division

I CERTEY THAT FUNDS ARE AVAILABLE

ALIBURGES CINCER

Approved for obligation OF FUNDS:



Date:

Distribution:

Orig & 2 - Addresses

1 - TSS/OC - TSS/FASB 2 - TSS/CD

(11 Feb 60) TSS/CD/



MEMORANDUM RECEIPT

91.25 15 Mario

TO:

FROM:

SUBJECT:

I hereby acknowledge receipt of the following:

Please return _____ signed copy(ias) of this receipt Signature of RECIPIENT

To ______ DATE RECEIVED

To _____ DATE RECEIVED

MEMORANDUM RECEIPT

10 Mario

TO:

FROM:

SUBJECT:

I hereby acknowledge receipt of the following:

Please return signed copy (ies) of this receipt

To

FORM NO. 752 REPLACES FORM 38-88
1 AUG 55 752 WHICH MAY BE USED.

SIGNATURE

SIGNATURE

SIGNATURE

SIGNATURE

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(233)



1 March 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA

: TSD/Budget Officer

SUBJECT

: MKULTRA, Subproject 91, Invoice #3
Allotment 0525-1009-4902

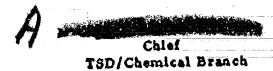
1. Invoice #3 covering the above subproject is attached.

Payment should be made as follows:

B to on the state of the amount of \$1,800,00 payable

Storie check is the amount of \$45,000.00 payable

- 2. Please forward the checks to Chief, TSD/Chemical Branch through TSD/Budget Officer by 15 March 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:
Orig & Z - Addressee

RECEIVED

No. 3 42 Ph *E0

FOI OSLIVEL

15/12



INVOICE

For Services

\$46, 800.00

Chief, TSD/Chemical Branch



CERTIFICATIONS

(1) It is hereby certified that this is Invoice #3 applying to Subproject 91 of MKULTRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is filed in TSD/CB, that this bill is just and correct and that payment thereof has not yet been made.

(2) It is hereby certified that this invol	ce applies to Subproject 91
under MKULTRA which was duly appro	
being carried out in accordance with th	
13 April 1953 from the DCI to the DD/A	, and the extension of this
authority in subsequent memoranda.	
Date:	Research Director





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MEMORANDUM FOR: THE RECORD

SUBJECT

: Project MKULTRA, Subproject 91

- 1. The purpose of this subproject is to provide funds to continue

 the research program which furnishes advanced animal screening and

 preclinical pharmacological testing required by the program on the development of new psychochemicals. The program is providing fundamental information bearing on the problem of structure activity relationships among these compounds.
- 2. The state of knowledge in areas of influencing human behavior has been steadily improving and the experimental work being carried out under this project is meeting our programmed needs. The sponsor has obtained and assigned highly competent technical personnel and is exerting his best efforts to provide the data requirements imposed on him.
- 3. The cost of this program for a period of one year beginning

 1 February 1960 is estimated to be \$45,000.00. To this sum must be added

 \$1,800.00 representing a four per cent service charge to

who will act as cut out, so that the total cost of the project will not exceed \$46,800.00. Charges should be made against Allotment No. 0525-1009-4902.

4. The as requested that

submit to them a summary accounting of funds received

from and that they return any unused funds remaining at the end of the grant period.

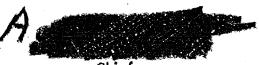
- 5. It is not anticipated that any permanent equipment will be required for this program.
 - 6. It has been agreed that documentation and accounting for travel expenses which are reimbursable shall conform to the accepted practices of the organization conducting the research.
 - 7. The requirement for a semi-annual informal accounting on the part of the principal investigator has been waived.
 - 8. All personnel connected with the planning and monitoring of this program possess Agency TOP SECRET approval. The project will be unclassified after it leaves the

TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

Research Director

APPROVED:



Chief
TSS/Chemical Division

Date: 2260

Attachments:

Budget and proposal

Distribution: Original only



BUDGET

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 Salaries	\$28,800	15,000
Overhead (25% of Salaries)	7,200	3,750
Travel	1,200	600
Services (Analytical, etc.)	1,800	1,400
Supplies and Materials	4,200	
Animals	1,800,22	1000
Total	\$45,000	





December 31, 1959

Grant for: Pharmacological screening and testing

Funds received: 20,500.00

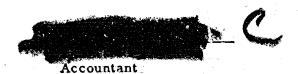
Expenditures:

Wages and salaries 10, 907.60 Equipment 3,623.93 Supplies, expendables 1, 303, 41 Animals__ 1, 783, 84 Overhead 2, 880, 60 20, 499, 38

Total expenditures

20, 499. 38

Balance





30 September 1959

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Gentlemen:

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



Treasurer's Check No. 242234 drawn on

for \$20,000.00.

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

Yours truly,

Enclosures_(2)

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Object Class

Date	Remarks and References	Obligations Incurred	Obligations Liquidated	Unliquidated Balance
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23 September 1959

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA ::

: TSS/Budget Officer

SUBJECT

: MKULTRA, Subproject 91, Invoice #2 Alletment 0525-1009-4902

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

Cashier's check in the amount of \$20,000,00 payable

- 2. Please forward the checks to Chief, TSS/Chemical Division through TSS/Budget Officer by 7 October 1959.
- 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.

Chief TSS/Chemical Division

Attachmente:

Invoice & Certifications CHECK SANSANT TO AMOUNT OF \$2900

Distribution:

Orig & 2 - Addr

CHECK MOUNT OF SEE

RECEIVEDOD GES

18203



INVOICE

FOF	Sarv	cas

\$20,800.00



CERTIFICATIONS

(1) It is hereby certified that this is Invoice #2 applying to Subproject 91 of MKULTRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is filed in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Chief, TSS/Chemical Division

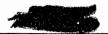
Dates

(2) It is hereby certified that this invoice applies to Subproject 91 under MKULTRA which was duly approved and that the project is being carried out in accordance with the memorandum dated 13 April 1953 from the DCI to the DD/A, and the extension of this authority in subsequent memoranda.

Research Director

Datas





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FORM 606 USE PREVIOUS FOR						4	P	(200	iner a				(10-49)



DRAFT 18 September 1959

MEMORANDUM FOR: THE RECORD

SUBJECT

: Supplement to Project MKULTRA, Subproject 91

- 1. The purpose of this supplement is to provide additional funds
 to carry out an expanded animal screening of selected compounds directly
 related to the development of new chemicals which influence human
 behavior. The program provides fundamental information on structureactivity relationships among new psychochemicals. It will provide an
 insight into the activity of chemical compounds of possible value for
 operational applications. The studies are directed toward elucidating
 the relationship between this parameter and personality structure and
 mentation.
- 2. In order to keep abreast of new compounds which have been recently uncovered and synthesized, it becomes necessary to increase the advanced animal screening. It is expected that results obtained from the advanced screening will provide basic information required for research into the pharmacodynamics of new and more effective compounds. The additional funds required for this program for the year amount to \$20,000.00. To this sum must be added \$800.00 representing a four per cent service charge to

who act as cut out, making the total amount \$20,800.00.

Charges should be made against Allotment No. 0525-1009-4902.

has requested

that submit to them a summary accounting of funds received from and that they return any unused funds remaining at the conclusion of the program.

- 4. It is not anticipated that any permanent equipment will be required for this program.
- 5. It has been agreed that documentation and accounting for travel expenses which are reimbursable by shall conform to the accepted practice of that organization.
- 6. The requirement for a semi-annual informal accounting has been waived.
- 7. All personnel connected with the planning and monitoring of this program possess Agency TOP SECRET approval. The project will be unclassified after it leaves

A TSS/Chemical Division

APPROVED FOR OBLIGATION OF FUNDS:

APPROVED:

Research Director

Research Director

Date: 9/7/159

Distribution: Original only



TSS/Chemical Division



18 September 1959

MEMORANDUM FOR: COMPTROLLER

ATTENTION

. Finance division

SUBJECT

Cuthorization no 2

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 memorands, Subproject 91 has been approved and \$20,800.00 of the over-all MKULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 0525-1009-4902.



approved for obligation of funds:

Research Director

Date:

Distribution: Orig & 2 - Addresses

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r(18Sept'59) TSS/CD



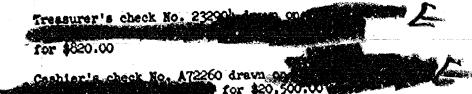


2 February 1959



Gentlemen:

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



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

Yours truly,

Enclosures (2)



26 January 1959

MEMORANDIM FOR: CRIEF, FINANCE DIVISION

AIY

: TES/Budget Officer

SUBJECT

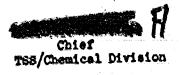
: MOULTRA, Subproject 91, Invoice #1 Allotment 9-2502-75-902

1. Invoice #1 covering the above subproject is attached.
Payment should be made as follows:

B Cashier's check in the securit of \$820,00 payable

Cashier's check in the angunt of 120,500,000 payable

- 2. Please forward the checks to Chief, TSS/Chemical Division through TSS/Budget Officer by Monday, February 9, 1959.
- 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:

18 2 - Addressee

CHECK*AZEFIN THE AMOUNT OF SEC.

CHECK*AZEFIN THE AMOUNT OF SEC.

RECEIVED.

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For Services



CERTIFICATIONS

(1) It is hereby certified that this is Invoice #1 applying to Subproject 91 of MGULTRA, that performance is satisfactory, that services are being accomplished in accordance with mutual agreements, that a detailed agenda of the payments and receipts is filed in TSS/CD, that this bill is just and correct and that payment thereof has not yet been made.

Date:	Chief, TSS/Chemical Division	
under MRULIRA which was duly	ast this invoice applies to Subproject 91 approved and that the project is being th the memorandum dated 13 April 1953 from	· - ·
	extension of this authority is subsequent	Ţ -
Date: :	Research Director	

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15 January 1959

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2 - TSS/CD

15 Jan 59

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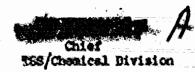
Finance Division

SUBJECT

Project MOULTRA, Subproject 91

Under the authority granted in the Mesorsadum dated

13 April 1953 from the DCI to the DD/A, and the extension of this
authority in subsequent memorands, Subproject 91 has been approved,
and \$21,320.00 of the over-all project MGH/PM funds has been
obligated to cover the subproject's expenses and should be charged
to Allotment 9-2502-75-902.



APPROVED FOR OBLIGHTION OF FUNDS	
Research Director	ONICATION STEEPING NO. 1545 CHARGE TO ALLOTMOST NO. 9-3502-75-902
	AUTHORIZING OFFICER
Distribution: Orig & 2 - Addresses 1 - TSS/OC 2- TSS/FASB	



DRAFT

15 January 1959

MEMORANDUM FOR THE RECORD

SUBJECT: Project MKULTRA, Subproject 91

- 1. The purpose of this subproject is to provide funds to carry on the advanced animal screening and certain parts of the pre-clinical pharmacology required by the program on the development of new psychochemicals. In addition, this phase of the program will automatically provide fundamental information bearing on the problem of the structure-activity relationships among these compounds. It will also give a better insight into the problem of compound selection for operational applications and the relationship between parameter and the personality structure of the particular person being studied.
- 2. Preliminary screening on the materials involved in this study has been carried out attalling the state of knowledge in this area has steadily improved so that it is no longer possible for the work to be carried out by this contractor. The type of experimental work now required in the program is simply far beyond his capability both in terms of equipment and personnel required for the job. For this reason the rate of expenditure at it is no this preliminary screening work has steadily dropped with time while facilities capable of carrying out the more advanced phases of the program were being located. The present view is that with a slight overlap during this year between these projects, portion will be phased out at the end of the year to be replaced with this new facility.
- 3. The experimental design in this subproject is based upon results

 B derived from subprojects 22, 51, 70, 62, 58, 53, 46, 44, 45, the work

 of the past three years, and project. The personnel and consultants

 C involved consist of CD/Branch II personnel working with Drs.

 Because the work leads off almost immediately into completely unknown areas, all of these consultants will maintain a very close but informal surveillance of the raw data as the work progresses so as to be able to take advantage of every new development as it comes to light in guiding further work in the project.
- 4. As indicated in the attached proposal, the cost of this program for a period of one year will amount to \$20,500.00. To this must be added a 4% service charge to the will act as cutout so that the total cost of the project will not exceed





\$21,320.00. Charges should be made against allotment 9-2502-75-902.

has requested that submit to them a summary accounting of funds received and that they return any unused funds remaining at the conclusion of the program.

- 6. It is not anticipated that any permanent equipment will be required for this phase of the program.
- 7. It has been agreed that documentation and account for travel expenses which are reimbursable by the accepted practice of that organization.
- 8. The requirement for a semiannual informal accounting has been waived.
- 9. All personnel connected with the planning and maintaining of results of this program possess Agency TOP SECRET approval, however none soft the personnel of the with the exception of cleared and none will be made witting of Government interest. The project will be unclassified after it leaves the

Chief
TSS/Chemical Division

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Date				

Orig only.

Attachment - Proposal



91-37 15 January 1959

PROPOSAL

It is proposed to conduct certain biological tests of a pharmacological nature as directed by the Sponsor of this project on chemical
materials and extracts to be furnished by the Sponsor. These tests may
involve enzyme preparations, small animal work and/or clinical work in
certain cases as indicated in each particular instance. The Sponsor will
have full control of the methods and procedures to be followed in the work
and it is understood that these will vary during the course of the project
depending upon research findings in other facilities working in this same
general biological program.

In addition, as time and funds allow, pilot experiments will be performed utilizing various known substances having effects on the central nervous system in an effort to refine and improve the present capability of detecting and characterizing such activity in small animals. Attention will also be given to the problem of extrapolation of results between various species of animals.

It is expected that the attached budget will be required to carry out the program outlined above for a period of one year.

BUDGET

Salaries	\$12,000
Overhead (25% of Salaries)	
Travel	
Service (Analytical, etc.)	
Supplies and Materials	
Contingencies	500
Total	\$20,500



PROPOSAL

During the past few years a great deal of progress has been made in relation to the function and metabolism of various anatomical divisions of the human central nervous system. This progress has to a great extent been fostered and abetted by the study of the effects of drugs on this very complex system. These drugs have mainly been utilized as tools in attempts to develop the relationships between cerebral metabolic processes and brain function as expressed by individual mood and behavioral changes.

In general, pharmacologists are just beginning to realize the potentialities of work in this field and have not as yet adjusted their research goals and techniques to take full advantage of existing knowledge. The general tendency in this respect is to attempt to apply sim ple modifications of existing techniques to the study of these phenomena. This approach is useful but entirely inadequate to produce progress consistent with that in other fields of medical research. A further problem of significance in relation to this work is the fact that it has developed to a great extent on the clinical side with far too little attention paid to the general pharmacology of the drugs concerned. Without such basic work progress will continue only on a pure chance basis with little theoretical background.

Therefore it is proposed to:

- l. Design and test methods involving experimental animals which will discriminate between drug-produced, generalized depressed states and generalized excited states of the central nervous system and those particular and specific states or effects which can eventually be related to overt behavioral responses of a sort which entail some possibility of practical exploitation. In this process it would be expected that drugs having a more "pure" type of action than those presently available would be discovered.
- 2. Discover and test materials having specific effects either in the periphery or the central nervous system which result in the distortion of nerve impulses in the sensory tracts of the nervous system.
- 3. Validate the above methods and effects in normal humans and relate them to alterations in mood and behavior in as objective a fashion as possible.

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4. Establish and maintain facilities for those general pharmacological procedures, i.e., the relationships of the unknown drugs to the known humoral agents, etc., which are necessary in order to describe intelligently the action of the new drugs for their application in the above-mentioned tests.

It is felt on the basis of present knowledge that such a program as that outlined above will go far to bridge the tremendous gap in knowledge which presently exists between known drug-substrate relationships and the overt manifestations of these drugs.

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CURRICULUM VITAE

Degrees:

Academic:



Memberships: Society Experimental Biology

Society Pharmacology

Cancer Society

Academy of Medicine

Research: Conducted intensive research on: endocrine glands, (insulin, posterior pituitary, thyroid, anterior pituitary) chemotherapy, alcohol, virus and cancer.

Pharmacology of dinitrophenol