

INVOICE CHECK LIST

MMUSA Subproject 104

At Date of Original Authorization	Period Covered	Time Extended To	Allotment Number	Amount of Obligation
Jan. 22, 1960	1 yr.		10525-1067-400	\$6,240. ⁰⁰

Additional Authentication	Period Covered	Time Extended To	Assignment Number	Amount of Obligation
Auth #2	Feb 61	Aug 61	1125-1324-312	3,640.00

Invoice Number	Date	Amount	Balance
#1	26 Jun 60	6,340.00	0
Auth. #2	17 Feb 61	—	3,640.00
#2	2 Mar 61	3,640.00	0

REMARKS:

104-3

B

Report of Expenditures from Grants
Received from [REDACTED]
February, 1960 - August, 1961

Grant Awarded February 16, 1960	\$ 6,000.00
Grant Awarded March 27, 1961	3,500.00
Total Funds Received	\$ 9,500.00

Less: Expenditures for:	
Salaries	\$ 7,317.15
Supplies & Expenses	438.36
Travel	315.68
Overhead	1,425.00
Total Expenditures	\$ 9,496.19
Unexpended Balance	\$ 3.81

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

[REDACTED]

25 FEB 1962

C

104-3


DATE: 20 February 1961

MEMORANDUM FOR : COMPTROLLER

ATTENTION : Finance Division

SUBJECT : MAULANA, Subproject 104, Authorization No. 2

Under the authority granted in the memorandum dated 13 April 1955, from the DCI to the DD/A and the extension of this authority in subsequent memoranda, Subproject 104 was previously approved. Under the same authority an additional sum of \$3,640.00 has been authorized to cover the subprojects expenses, to be charged against cost center No. 1125-1390-3902.

 Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

Date:

2 MAR
1961

Distribution:

Orig. & 2 - Addressee

1 - TSD/OC

2 - TSD/FASS

2 - TSD/RB

1553

104-5

2 March 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : MKULTA, 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
[REDACTED], drawn on a [REDACTED] Bank. *BE*

Cashier's check in the amount of \$3,500.00 payable
to [REDACTED], drawn on a [REDACTED] Bank. *BE*

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.

Attachments:
Invoice & Certifications

1545
Chief
TSD/Research Branch *7 MAR*

Distribution:
Orig & 2 - Addressee *E*

1 - TSD/FASS RECEIVED *15 MAR*
2 - TSD/RB

CHECK # *A10162* IN THE AMOUNT OF \$ *3,500.00* *Q*

CHECK # *2* IN THE AMOUNT OF \$ *140.00* *Q*
RECEIVED *15 MAR*

104-7

2 March 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA: TSD/Budget Officer

SUBJECT: MKULTRA, 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
[redacted] Bank. *B*

Cashier's check in the amount of \$3,500.00 payable
to [redacted] Bank. *B*

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.

Attachments:
Invoice & Certifications

A
[redacted]
Chief
TSD/Research Branch

Distribution:
Orig & 2 - Addressee

[redacted]

104-8

15 March 1961

[REDACTED]

B

Gentlemen:

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

Treasurer's Check No. [REDACTED] drawn on the [REDACTED] for \$140.00, dated 15 March 1961. E

Cashier's Check No. [REDACTED] drawn on the [REDACTED] for \$3,500.00, dated 15 March 1961. E

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)

184-9

2 March 1961

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSD/Budget Officer

SUBJECT : MKULTRA, 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
[REDACTED], drawn on a [REDACTED] Bank. E

Cashier's check in the amount of \$3,500.00 payable
to [REDACTED], drawn on a [REDACTED] Bank. E

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.

Attachments:
Invoice & Certifications

Chief
TSD/Research Branch

Distribution:
Orig & 2 - Addressee

1 - TSD/VASS

2 - TSD/RB

[REDACTED]

104-9

12052

For Review

—\$3,640.00

B

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11) It is hereby certified that this is invoice 2, applying to sub-project No. 104 of NSF/NSA, and furthermore is self-invoicing. All services are being accomplished in accordance with mutual agreement, that a detailed copy of the invoice and receipt is on file in NSF/NSA, when this bill is due, and amount and that payment claimed has not yet been made.

1992, 1993, 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, 26

Date: 2 March 1961

(2) It is hereby certified that this invoice applies to Subproject _____ of MURKIN which was duly approved, and that the project is being carried out in accordance with the recommendation of 15 April 1957 from the DDC to the DPA, and the extension of this authority as subsequent approvals.

1. *Journal of the American Medical Association*, 1997; 277: 1039-1043.

$$f_{\text{max}} = 1000$$

مکتبہ اسلامیہ

104-70

SECRET

TO: TSD/CJ

20 Feb 61

This is an continuation of
Sub project #104.

1. Purpose of Project:

Isolation of growth factors
that greatly increase bacterio-
logical growth useful in cutting
down time taken to initiate
subtle sabotage

2. Project Monitor:

Room 119

Ext.

2292

SECRET

104-10



104-11

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. [REDACTED] at the [REDACTED] on the studies of ecological relations involved in the deterioration of petroleum products.

2. Dr. [REDACTED] 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 [REDACTED] making the total amount for the six (6) month period \$3,640.00. The [REDACTED] will function as cut out and cover for this grant. The cover title of the project is [REDACTED]

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.

104-11

B
5. The [REDACTED] 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.

7. The requirement for a six months' informal accounting on the part of the principal investigator is waived.

[REDACTED] *A*
TSD/Research Branch

APPROVED FOR OBLIGATION
OF FUNDS:

APPROVED:

[REDACTED] *A*
Research Director

[REDACTED] *A*
Chief,
TSD/Research Branch

Date: _____

Attachment:
Proposed budget and proposal

Distribution:
Original only

[REDACTED]

104-12

PROPOSED BUDGET

Pay of personnel	\$2,000.00
Travel	400.00
Supplies	850.00
Clerical and Miscellaneous	250.00
	<u>\$3,500.00</u>
Total	<u> </u>

104-13

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.

104-14

DATE: 20 February 1961

MEMORANDUM FOR : CONTROLLER

ATTENTION : Finance Division

SUBJECT : REULERA, Subproject 104, Authorization No. 2

Under the authority granted in the memorandum dated 13 April 1959 from the DCI to the DD/A and the extension of this authority in subsequent memoranda, Subproject 104 was previously approved. Under the same authority an additional sum of \$3,640.00 has been authorized to cover the subprojects expenses, to be charged against cost center No. 1125-1390-3902.

Chief
TSD/Research Branch

APPROVED FOR OBLIGATION OF FUNDS:

Date:

Distribution:

Orig. & 2 - Addressee

104

104-15

B

SCHEDULE OF GRANT PAYMENTS

August 8, 1960

2. Dr. C B February 1960 to January 1961

Paid February 1, 1960	1,500.00	✓
Paid May 1, 1960	1,500.00	✓
Paid August 1, 1960	1,500.00	✓ 330
Due November 1, 1960	1,500.00	✓ 331
Total grant,...		6,000.00

104-18

February 5, 1960

[REDACTED]

Gentlemen:

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

Treasurer's Check [REDACTED] drawn on the [REDACTED] for \$240.00, dated 2 Feb. 1960. E

Treasurer's Check [REDACTED] drawn on the [REDACTED] for \$6,000.00, dated 2 Feb. 1960. E

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)

104-17

1449

Cost Account 0522-1029-4902

Object Class

[illegible]

104-716
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 MKULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 0525-1009-4902.


Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION
of FUNDS:


Research Director

Date: 20 Dec 1959

Distribution:
Orig & 2 - Addressee

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

TSS  (29 Dec. '59) 

21 JAN 1960
I CERTIFY THAT FUNDS ARE AVAILABLE
OBLIGATION NUMBER: 1449
CHARGE TO ALLIANCE NO. 0525-1009-4902

ATTACHED OFFICE

104-18

104-19

26 January 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA : TSS/Budget Offices

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

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

Cashier's check in the amount of \$240.00 payable
to [redacted] drawn on [redacted] Bank. B
E

Cashier's check in the amount of \$6,000.00 payable
to [redacted] drawn on [redacted] bank. B
E

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.

[redacted]
E Chief A
TSS/Chemical Division

Attachments: [redacted]
Invoice & Certificate CHECK NO. [redacted] THE AMOUNT OF \$6,000.00
RECEIVED.
Distribution: [redacted] A-2/4/60
Orig & 2 - Addressee [redacted]

1 - TSS/FASB CHECK NO. 245 THE AMOUNT OF \$240.00
2 - TSS/CD RECEIVED
[redacted] A-2/4/60

104-20

26 January 1960

MEMORANDUM FOR: CHIEF, FINANCE DIVISION

VIA

: TSS/Budget Officer

SUBJECT

: MKULTRA, Subproject 104, Invoice #1
Allotment 0525-1009-4992

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

Cashier's check to the amount of \$240.00 payable
to [redacted] drawn
on [redacted] Bank.

B
E

Cashier's check in the amount of \$6,000.00 payable
to [redacted] drawn on
[redacted] bank.

B
E

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.

[redacted]
Chief
TSS/Chemical Division

A

Attachments:
Invoice & Certifications

Distribution:
Orig & 2 - Addressee

1 - TSS/FASB

2 - TSS/CD

104-20

INVOICE

For Services

\$6,240.00 B

CERTIFICATIONS

(1) It is hereby certified that this is Invoice #1 applying to Subproject 104 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

Date:

(2) It is hereby certified that this invoice applies to Subproject 104 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

Date:

104-21
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 MKULTRA project funds has been obligated to cover the subproject expenses. This obligation of funds should be charged to Allotment 0525-1009-4902.


Chief
TSS/Chemical Division

APPROVED FOR OBLIGATION
of FUNDS:

Research Director

Date: _____

Distribution:

Orig & 2 - Addressee

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

TSS/  (29 Dec. '59) 

104-81



104-22

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. [REDACTED] at the [REDACTED] on the studies of ecological relations involved in the deterioration of petroleum products.

2. Dr. [REDACTED] 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 [REDACTED] making the total amount for one year \$6,240.00. The [REDACTED] will function as cut out and cover for this grant. The [REDACTED] title of the project is [REDACTED] C

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. 0525-1009-4902.

5. The [REDACTED] has requested the University to submit [REDACTED]

10420

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

6. 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.

TSS/Chemical Division

APPROVED FOR OBLIGATION
OF FUNDS:

APPROVED:

Research Director

Chief

TSS/Chemical Division

Date:

1/20/60

Attachment:

Proposed budget and proposal

Distribution:

Original only

10423

PROPOSED BUDGET

Pay of personnel \$4,000.00

Travel 600.00

Supplies 1,000.00

Clerical and Miscellaneous 400.00

Total \$6,000.00

104-34

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 damage 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.