

27 November 1973

MEMORANDUM FOR THE RECORD

SUBJECT: Oracle Contract Schedule, Outline of Major Site Preparation Tasks and Comments

1. The contract with [redacted] for the development, manufacturing and delivery of the [redacted] system otherwise known as Oracle, to OJCS includes the following milestone dates, quantities and kinds of equipment as stated by [redacted]

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A. In February 1974 [redacted] Tape Transport Modules, now being developed and built, will be tested in [redacted] without a host computer, to determine if they can deliver usable data to 3830/3330 disks. If the results of this test are negative the contract will be cancelled.

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B. If the above test is successful, work will continue until October 1974 when [redacted] will make a second test which will consist of a complete complement of Oracle equipment including a host computer to determine if a complete system operates satisfactorily. If results are negative contract may be cancelled. If test is successful, equipments will be readied for shipment to Headquarters.

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C. The initial complement of equipment is scheduled to be shipped to Headquarters in November 1974 and will include:

- Four PDP11s
- Two Tape Transport Modules
- Two Data Channels
- Two Transport Drivers
- Two TTYS
- One Line Printer
- One or two air compressors (only one if Hqs. in-house air is adequate)
- Two vacuum pumps

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D. By April 1975 the following additional equipment will be delivered:

Eight Tape Transport Modules
Two Transport Drivers

2. Ten additional tape transport modules for delivery to Headquarters at some future date later than April 75 have been discussed but there is nothing firm on these at this time.

3. In order to be ready to install the **Oracle** equipments when they arrive at Headquarters an outline of site preparation tasks, etc., which will require being accomplished are as follows:

A. Select area in which Oracle is to be located and prepare layout making certain that cable length limitations can be met. Critical point here is the interface cable length of the **Oracle EDCPs** with the CDC 38301s - [] says the cumulative total is 150', but CDC says 125' is the limit to the last 38301.

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B. Raise floor in Oracle area to 18"?

C. Air conditioning - must be sufficient to handle initially 73,600 BTU, and in April 75 - 131,600 BTUs. Also, distribution must be under floor, not overhead which is case at point.

D. AC power distribution panel to be installed in **Oracle** area plus all lines, outlets and AC filter. Panel to have 400 A/phase service rating and should have at least 28 positions equipped with the following breakers:

1. 5-3 pole 100 AMP (provides 1 extra)
2. 4-1 pole 50 AMP (provides 2 extra)
3. 9-1 pole 20 AMP (provides 3 extra)

E. Specs [] on air compressors.

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F. Air distribution lines and filters from "B" vault to Oracle area.

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- G. Air compressor bases in "B" vault.
- H. Power and starters for air compressors in "B" vault.
- I. Air intakes and exhausts for air compressors in "B" vault.
- J. Installation of air compressors in "B" vault.
- K. Specs on vacuum pumps.
- L. Vacuum lines from "B" vault to Oracle area.
- M. Vacuum pump bases in "B" vault.
- N. Power and starters in "B" vault for vacuum pumps.
- O. Air intakes and exhausts for vacuum pumps in "B" vault.
- P. Installation of vacuum pumps.
- Q. Air conditioning requirements for "B" vault.
- R. Installation of ducts and/or air handlers to provide sufficient conditioned air to "B" vault.
- S. Test air and vacuum systems.
- T. Cut floor panels.
- U. Lay cables in Oracle area and provide grates to raise connectors.
- V. Install Oracle equipment - connect cables add power.
- W. Check out system.
- X. Etc.

4. On 21 August 73 there was a meeting of HEB, and OJCS personnel re-site preparation. (There are 3 memos which report this meeting in the Oracle File).

At this meeting it was agreed that [] would procure the necessary air and vacuum equipment and send it to Headquarters along with the initial complement of Oracle equipment in November 74. It was also agreed that [] would provide to HEB detailed drawings showing what HEB will have to supply and DO in order to install air and vacuum equipments. Alos, since the sizing of the vacuum equipment is important depending upon whether there will be 10 or 20 tape transports [] is supposed to supply HEB with three vacuum system designs which [] can compare in order to make a decision on which system we should install. (This last point will have to be completed before [] can procure the vacuum equipment). The 3 vacuum system designs are to be:

A. A direct drive AC motor system for an 11 (really 10) transport system.

B. A direct drive AC motor system for a 20 transport system.

C. A direct drive D.C. motor system to be variable for an 11 transport (really 10) system up to a 20 transport system.

5. As you can see there is much to be done by November 1974. A very large amount of detailed information is needed from [] before we and HEB can really get started in preparing the detailed site preparation plans which will be needed before any actual construction effort can begin. Two key areas in which answers are needed very soon, if not right now, are:

A. The real dope on how we cable Oracle to all the computer systems, I mean the nitty-gritty, like what are these cables, where do they connect, what is the total cumulative length limit, is there an EPO requirement, etc. This information is needed in order to select a location for Oracle in Headquarters.

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B. The very, very detailed drawings and information HEB will need on the compressed air and vacuum equipments. HEB needs the information on the 3 vacuum systems mentioned in 4 above in order to make a decision on which one Apex must procure. Total detailed information on air and vacuum equipments is needed by HEB to design a layout and installation plan for the machinery in "B" vault.


Hardware Services Branch

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cc: C/OPS

ROUTING AND RECORD SHEET

SUBJECT: (Optional)

FROM: Chief, Real Estate and Construction Division, OL	EXTENSION <input type="text"/>	NO. DATE 4 December 1973
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TO: (Officer designation, room number, and building)	DATE		OFFICER'S INITIALS	COMMENTS (Number each comment to show from whom to whom. Draw a line across column after each comment.)
	RECEIVED	FORWARDED		

1. Chief, Physical Security Division, OS 526 C of C Bldg.				[] STAT Attached is re tape drive system to go in OJCS. You may recall our discussion during the computer centralization meeting. At any rate, attached is for information only because, as noted in the memorandum itself, no specific action can be taken until the manufacturer submits firm specifications. We will be in touch formally as soon as we can give you definitive criteria for physical and safety input.
2.				[] Attachment
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S-E-C-R-E-T

INSTRUCTION NO.
LI 1-8

LI 1-8
ORGANIZATION
Revised 17 April 1974

SUBJECT: Mission, Functions, and Delegation of Authority, Real Estate and Construction Division, Office of Logistics

1. MISSION

Provide support and technical guidance on all phases of acquisition and disposal of real estate, construction, and maintenance of Agency facilities on a worldwide basis.

2. FUNCTIONS

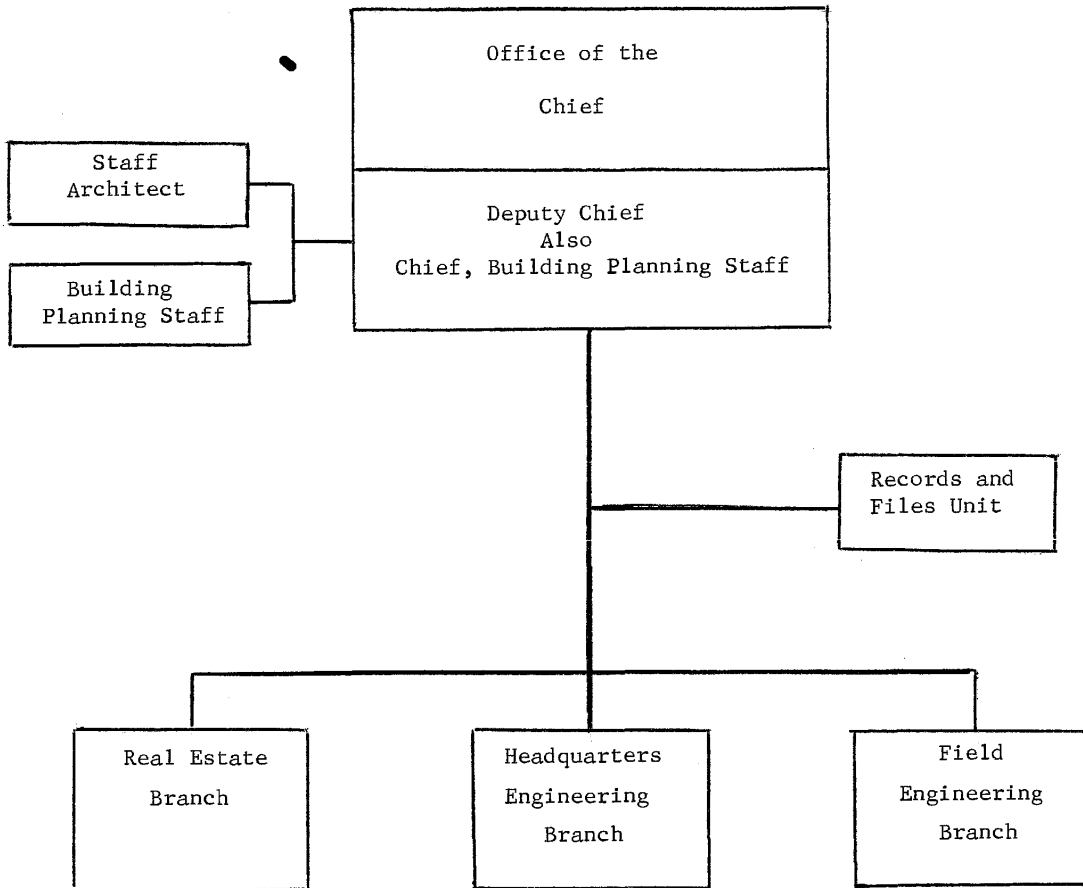
The Chief, Real Estate and Construction Division, Office of Logistics (C/RECD/OL) or, in his absence, the Acting Chief, shall:

- a. Act as the principal advisor to the Director of Logistics (D/L) on all matters relating to real estate, construction, and maintenance of Agency facilities.
- b. Conduct appropriate liaison with other Government agencies and commercial firms in support of Agency-sponsored requirements.
- c. Provide qualified personnel for management of matters pertaining to real estate, construction, and maintenance of Agency facilities on a worldwide basis.
- d. Provide guidance and management in the acquisition and disposal of domestic and foreign real estate.
- e. Budget and arrange for the acquisition, maintenance, and disposal of domestic safe sites.
- f. Coordinate legal, cover, and security aspects incident to real property transactions with the Office of General Counsel, Cover and Commercial Staff and the Director of Security or their designees.

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REAL ESTATE AND CONSTRUCTION DIVISION
OFFICE OF LOGISTICS



INSTRUCTION NO.
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S-E-C-R-E-T

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Revised 17 April 1974

- g. Maintain records of all Agency real property, construction, and maintenance activities.
- h. Furnish architectural and engineering services including contract negotiations for real estate, construction, maintenance, and architect and engineering services in support of Agency requirements.
- i. Provide plans, budgetary estimates, and schedules for design and construction of Agency facilities through direct support, other Government agencies, or commercial firms.
- j. Provide the required support for the continuing and reliable operation of all utilities systems necessary to allow for the uninterrupted functioning of the Agency's Headquarters establishment.
- k. Monitor design, engineering, and construction activity within the Headquarters establishment.
- l. Develop updated resources consisting of Agency organizational information and space data; and develop professional planning expertise and techniques which will provide a quick-reaction response instrument for defining and implementing major conceptual building programs and studies, as directed for short-, medium-, and long-range time frames.

3. AUTHORITY AND RESPONSIBILITY

- a. In conjunction with his assigned mission, the C/RECD/OL or, in his absence, the Acting Chief, is delegated authority to:
 - (1) Execute contracts and other documents involving the expenditure of approved funds for real estate, construction, utilities, and related personal services, except that a basic contract or other document, together with any amendments thereto, which exceeds \$100,000 will require the approval of the D/L prior to its execution.
 - (2) Recommend action on requests from stations and bases for the purchase of real property and for the lease of real property

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Revised 17 April 1974

or other fulfillment of any real estate, engineering, or construction requirement when such lease or fulfillment exceeds the authorities of Chiefs of Stations or Bases, as set forth in Agency regulations or other delegations of authority in force and effect.

- (3) Execute and issue job orders and otherwise levy requirements as necessary to meet Agency requirements for architectural, engineering, and construction services to be performed or contracted for by other Government agencies wherein reimbursement does not exceed \$100,000. Job orders requiring an expenditure of approved funds in excess of \$100,000 will require the approval of the D/L prior to execution.
 - (4) Approve requests for air-conditioning installations where approval authority has not been otherwise delegated.
 - (5) Appoint accountable officers for covert real property where accountability has not been specifically delegated to other Agency components.
- b. Any of the specific authorities itemized above may be redelegated to other RECD/OL personnel by C/RECD/OL. One copy of each delegation or redelegation of authority will be forwarded to the Executive Officer, OL.

4. ORGANIZATION

See Organization Chart on page 2.

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FRANCIS J. VAN DAMM
Director of Logistics

S-E-C-R-E-T

INSTRUCTION NO.
LI 1-8

LI 1-8
ORGANIZATION

REVISED DATE

SUBJECT : Mission, Functions, and Delegation of Authority, Real Estate and Construction Division, Office of Logistics

RESCISSION: ~~LI 1-8 dated 7 December 1970~~

I. MISSION

Provide support and technical guidance on all phases of acquisition and disposal of real estate, construction, and maintenance of Agency facilities on a worldwide basis.

II. FUNCTIONS

The Chief, Real Estate and Construction Division, or, in his absence, the Acting Chief, shall:

- Office of Logistics (C/RECD/OL)*
- (D/L)*
- a. Act as the principal advisor to the Director of Logistics, on all matters relating to real estate, construction, and maintenance of Agency facilities.
 - b. Conduct appropriate liaison with other Government agencies and commercial firms in support of Agency-sponsored requirements.
 - c. Provide qualified personnel for management of matters pertaining to real estate, construction, and maintenance of Agency facilities on a worldwide basis.
 - d. Provide guidance and management in the acquisition and disposal of domestic and foreign real estate.
 - e. Budget and arrange for the acquisition, maintenance, and disposal of domestic safe sites.
 - f. Coordinate legal, cover, and security aspects incident to real property transactions with the Office of General Counsel, Cover and Commercial Staff and the Director of Security or their designees.
 - g. Maintain records of all Agency real property, construction, and maintenance activities.

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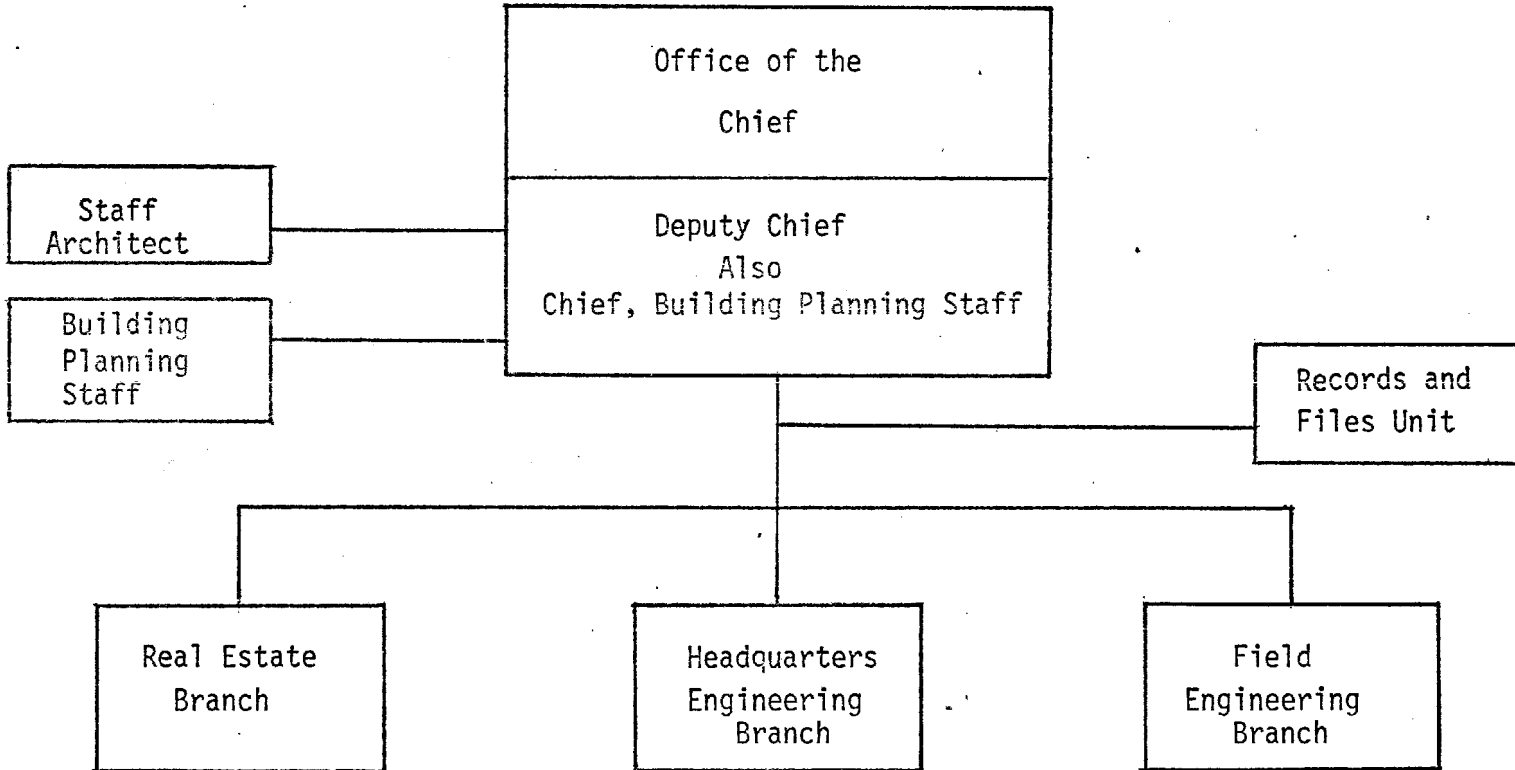
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ORGANIZATION

REVISED DATE

REAL ESTATE AND CONSTRUCTION DIVISION
OFFICE OF LOGISTICS



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REVISED DATE

- h. Furnish architectural and engineering services including contract negotiations for real estate, construction, maintenance, and architect, engineer, ^{and} ~~services~~ ^{ING} in support of Agency requirements.
- i. Provide plans, budgetary estimates, and schedules for design and construction of Agency facilities through direct support, other Government agencies, or commercial firms.
- j. Provide the required support for the continuing and reliable operation of all utilities systems necessary to allow for the uninterrupted functioning of the Agency's Headquarters establishment.
- k. Monitor design, engineering, and construction activity within the Headquarters establishment.
- l. Develop updated resources consisting of Agency organizational information and space data; and ^{develop} professional planning expertise and techniques which will provide a quick-reaction response instrument for defining and implementing major conceptual building programs and studies, as directed for short, medium, and long-range time frames.

III. AUTHORITY AND RESPONSIBILITY

CIRB CO/OL

- a. In conjunction with his assigned mission, the Chief, ~~Real Estate and Construction Division~~ or, in his absence, the Acting Chief, is delegated authority to:
 - (1) Execute contracts and other documents involving the expenditure of approved funds for real estate, construction, utilities, and related personal services, except that a basic contract or other document, together with any amendments thereto, which exceeds \$100,000 will require the approval of the ~~Director of Logistics~~ ^{D/L} prior to its execution.
 - (2) Recommend action on requests from Stations and Bases for the purchase of real property and for the lease of real property (or other fulfillment of any real estate, engineering, or construction requirement when such lease or fulfillment exceeds the authorities of Chiefs of Stations or Bases, as set forth in Agency regulations or other delegations of authority in force and effect.
 - (3) Execute and issue job orders and otherwise levy requirements as necessary to meet Agency requirements for architectural, engi-

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REVISED DATE

neering, and construction services to be performed or contracted for by other Government agencies wherein reimbursement does not exceed \$100,000. Job orders requiring an expenditure of approved funds in excess of \$100,000 will require the approval of the Director of Logistics prior to execution.

- D/L*
- (4) Approve requests for air-conditioning installations where approval authority has not been otherwise delegated.
 - (5) Appoint accountable officers for covert real property where accountability has not been specifically delegated to other Agency components.

b. Any of the specific authorities itemized above may be redelegated to other Real Estate and Construction Division personnel by the Chief, Real Estate and Construction Division. One copy of each delegation or redelegation of authority will be forwarded to the Executive Officer, Office of Logistics. *OL*.

IV. ORGANIZATION

See Organization Chart on page 2.

-Francis J. Van Damm
Director of Logistics

INSTRUCTION NO.
LI 1-8

LI 1-8
ORGANIZATION

REVISED DATE 7 December 1970

SUBJECT : Mission, Functions, and Delegation of Authority, Real Estate and
Construction Division, Office of Logistics

RESCISSION: LI 1-8 dated 10 November 1964

I. MISSION

Provide support and technical guidance on all phases of acquisition and disposal of real estate, construction, and maintenance of Agency facilities on a worldwide basis.

II. FUNCTIONS

The Chief, Real Estate and Construction Division or, in his absence, the Acting Chief shall:

- a. Act as the principal advisor to the Director of Logistics on all matters relating to real estate, construction, and maintenance of Agency facilities.
- b. Conduct appropriate liaison with other Government agencies and commercial firms in support of Agency-sponsored requirements.
- c. Provide qualified personnel for real estate, construction, and maintenance of Agency facilities on a worldwide basis.
- d. Provide guidance and management in the acquisition and disposal of domestic and foreign real estate.
- e. Budget and arrange for the acquisition, maintenance, and disposal of domestic safe sites.
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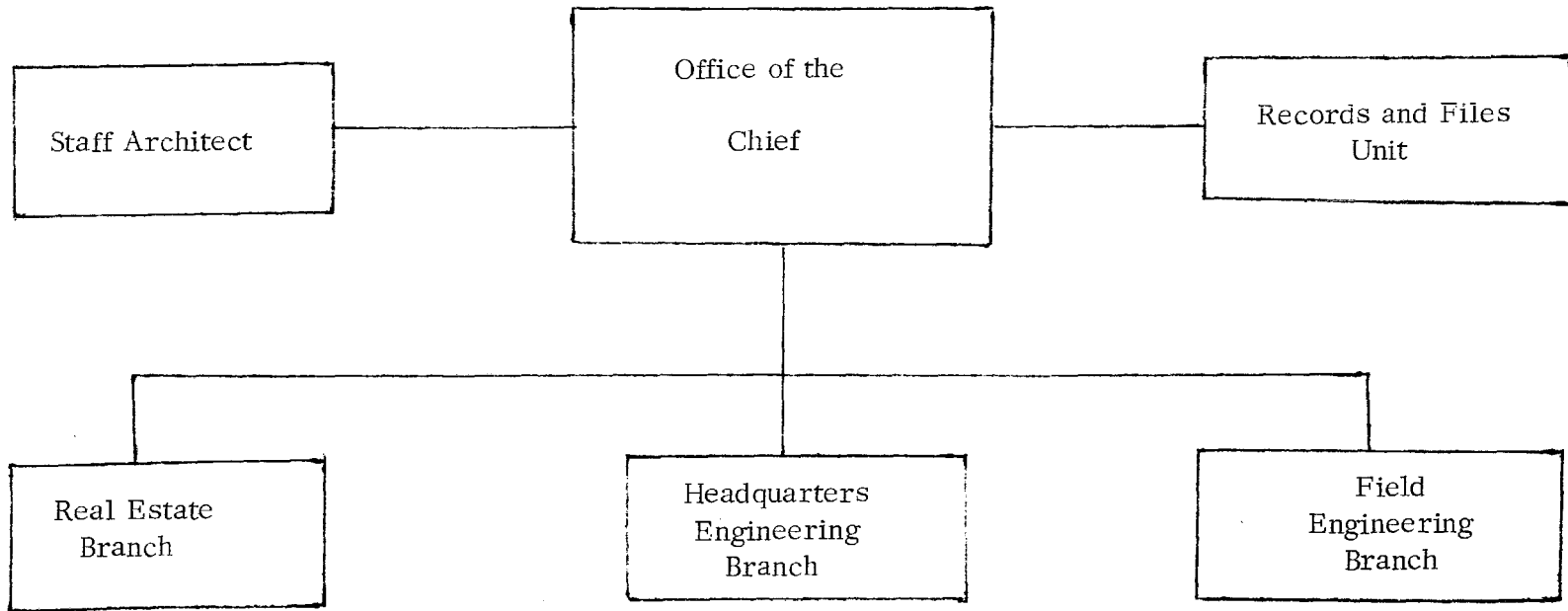
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Excluded from automatic
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INSTRUCTION NO.
LI 1-8

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REVISED DATE 7 December 1970

REAL ESTATE AND CONSTRUCTION DIVISION

OFFICE OF LOGISTICS



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- h. Furnish architectural and engineering services including contract negotiations for real estate, construction, maintenance, and architect-engineer services in support of Agency requirements.
- i. Provide plans, budgetary estimates, and schedules for design and construction of Agency facilities by direct support, other Government agencies, or commercial firms.
- j. Provide for the continuing and reliable operation of all utilities systems necessary to allow the uninterrupted functions of the Agency's Headquarters establishment.
- k. Monitor design, engineering, and construction activity within the Headquarters establishment.

III. AUTHORITY AND RESPONSIBILITY

- a. In conjunction with his assigned mission, the Chief, Real Estate and Construction Division or, in his absence, the Acting Chief is delegated authority to:
 - (1) Execute contracts and other documents involving the expenditure of approved funds for real estate, construction, utilities, and related personal services, except that a basic contract or other document together with any amendments thereto which exceeds \$100,000 will require the approval of the Director of Logistics prior to its execution.
 - (2) Recommend action on requests from Stations and Bases for the purchase of real property and for the lease of real property or other fulfillment of any real estate, engineering, or construction requirement when such lease or fulfillment exceeds the authorities of Chiefs of Stations or Bases as set forth in Agency regulations or other delegations of authority in force and effect.
 - (3) Execute and issue job orders and otherwise levy requirements as necessary to meet Agency requirements for architectural, engineering, and construction services to be performed or contracted for by other Government agencies wherein reimbursement does not exceed \$100,000. Job orders requiring an expenditure of approved funds in excess of \$100,000 will require the approval of the Director of Logistics prior to execution.

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- (4) Approve requests for air-conditioning installations where approval authority has not been otherwise delegated.
 - (5) Appoint accountable officers for covert real property where accountability has not been specifically delegated to other Agency components.
- b. Any of the specific authorities itemized above may be redelegated to other Real Estate and Construction Division personnel by the Chief, Real Estate and Construction Division. One copy of each delegation or redelegation of authority will be forwarded to the Executive Officer.

IV. ORGANIZATION

See Organization Chart on page 2.



JOHN F. BLAKE
Director of Logistics

25X1A

John F. Blake

John F. Blake (July 10, 1922 – March 27, 1995)^[1] was an American intelligence official. Blake worked at the Office of Strategic Services and the Central Intelligence Agency, including serving as Deputy Director of Central Intelligence.

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Intelligence career
Honors and awards
Personal life and death
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John F. Blake	
Born	July 10, 1922 <div>San Francisco, California</div>
Died	March 27, 1995 (aged 72) <div>Arlington County, Virginia</div>
Nationality	American

Early life and education

Blake was born in San Francisco, California on July 10, 1922.^[1] He graduated from the University of San Francisco, received a master's degree in international relations from George Washington University, and graduated from the National War College of National Defense University.^[2]

Intelligence career

Blake's intelligence career began during World War II when he served in the United States Army. There, he was assigned to the Office of Strategic Services, a wartime intelligence agency of the United States during World War II and a predecessor to the Central Intelligence Agency. Blake was stationed in Washington, D.C. and continued working there after the end of World War II.^[2]

In 1947, the Central Intelligence Agency was established and Blake joined. At the CIA, Blake's assignments included a tour of duty in Germany before later switching to administration. He served as director of personnel, director of logistics, assistant inspector general, and Deputy Director for Administration. From August 1977 to February 1978, Blake served as acting Deputy Director of Central Intelligence. He retired from the agency in 1979.^{[2][3]}

In 1981, Blake was appointed staff director of the U.S. Senate Select Committee on Intelligence.^[2] He was chosen by Senator Barry Goldwater.^[3]

In 1982, Blake joined Electronic Warfare Associates Inc. of Vienna. He served as vice president for administration there before retiring in 1986.^[2]

Blake then became an adjunct professor, teaching at the National Defense Intelligence College (now National Intelligence University) until 1993. He received an honorary doctorate in strategic studies from the college.^[2]

Blake was also a former president and director of the Association of Former Intelligence Officers and a former director of the Central Intelligence Retirees Association.^[2]

Honors and awards

Blake was awarded the Distinguished Intelligence Medal three times by the CIA and also received the National Civil Service League Career Service Award.^[2]

He received an honorary doctorate in strategic studies from the National Defense Intelligence College.^[2]

Personal life and death

Blake died of cancer on March 27, 1995 in Arlington County, Virginia. He was married to Frances F. Blake for 46 years and was survived by five daughters.^[2]

References

1. "John F Blake" (<https://www.fold3.com/record/76500745-john-f-blake>). Fold3. Retrieved April 11, 2020.
 2. "John F. Blake Dies at 72" (<https://www.washingtonpost.com/archive/local/1995/03/29/john-f-blake-dies-at-72/e3e18547-e51d-4e8c-95cd-d5a260e0ba76/>). *The Washington Post*. March 29, 1995. Retrieved April 9, 2020.
 3. "The Death of John F. Blake (Senate - April 24, 1995)" (https://fas.org/irp/congress/1995_cr/s950424-tribute.htm). *Federation of American Scientists - Intelligence Resource Program*. Retrieved April 9, 2020.
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