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REQ. NUMBER: DS&T/OD&E- 2/89

OFFICE RANK: 2 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

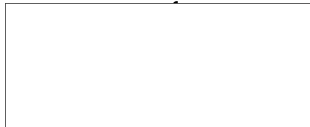
     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Wideband digital data interfaces to contractor and government facilities.

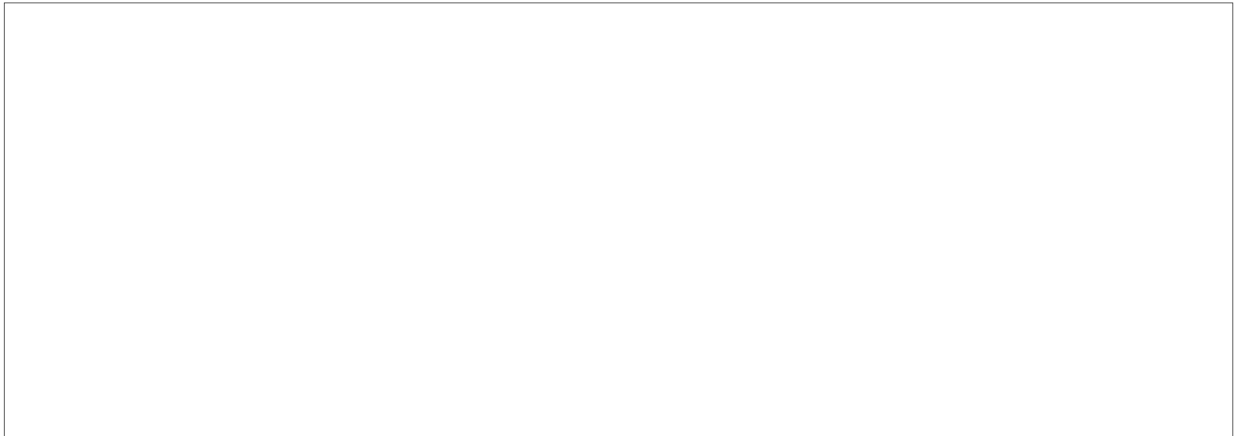
TIME REQUIREMENT: Delivery of equipment by early CY - 90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-2/89

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR WIDEBAND DIGITAL  
INTERFACES TO CONTRACTOR AND GOVERNMENT FACILITIES.

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THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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REQ. NUMBER: DS&T/OD&E- 3/89

OFFICE RANK: 3 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

- Enhanced communications to existing capabilities
- Communications services for ongoing initiatives
- Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

[Redacted]

JUSTIFICATION: Provide secure voice, data, facsimile service to relatively low density, low volume contractor and government facilities on a timely basis.

TIME REQUIREMENT: Delivery of equipment by early CY - 90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-3/89

DIRECTORATE : DDS&T  
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OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE,  
DATA, FACSIMILE SERVICE TO LOW DENSITY AND VOLUME  
CONTRACTOR AND GOVERNMENT FACILITIES. .  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

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COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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REQ. NUMBER: DS&T/OD&E- 4/89

OFFICE RANK: 4 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide tributary to node trunk circuits at various selected contractor and government facilities.

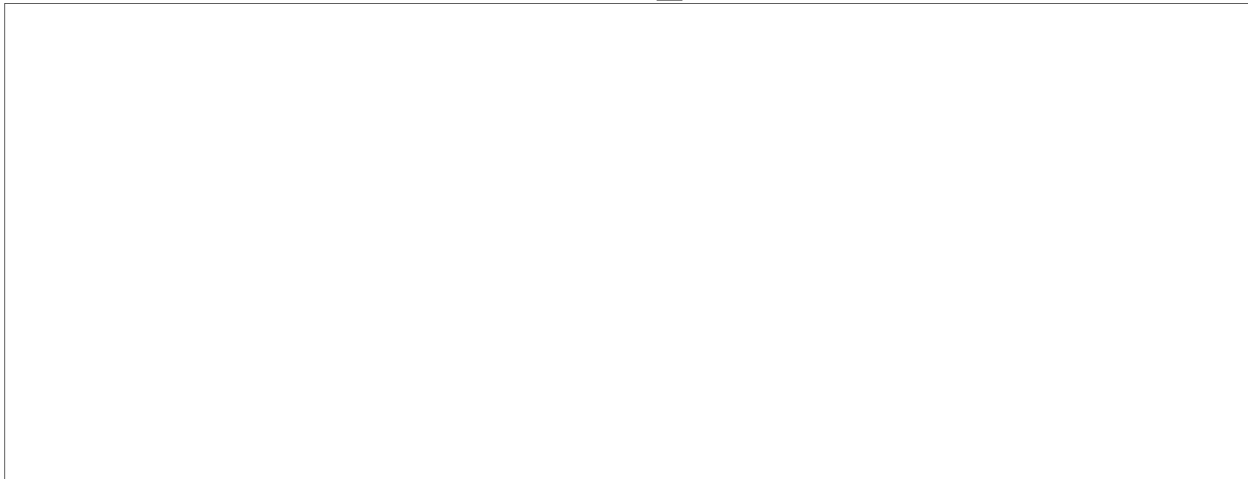
TIME REQUIREMENT: Delivery of equipment by early CY - 90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-4/89**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TRIBUTARY TO  
NODE TRUNK CIRCUITS AT VARIOUS SELECTED CONTRACTOR  
AND GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

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COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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REQ. NUMBER: DS&T/OD&E- 5/89

OFFICE RANK: 5 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

Type: ICT (Intelligent Communications Terminal)

Quantity: 12

JUSTIFICATION: Provide narrative message (cable/TWX) service to selected contractor facilities.

TIME REQUIREMENT: Delivery of equipment by early CY - 90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&amp;E-5/89

DIRECTORATE : DDS&amp;T

OFFICE : OD&amp;E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR NARRATIVE  
MESSAGE (CABLE/TWX) SERVICE TO SELECTED CONTRACTOR  
FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - ICT (INTELLIGENT COMMUNICATIONS TERM)  
QUANTITY: 12

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	ICT	12	7,000	\$84,000

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REQ. NUMBER: DS&T/OD&E-6/89

OFFICE RANK: 6 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service


     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

Type: TEMPEST Approved FAX 

Quantity: 20

JUSTIFICATION: Provide secure facsimile service to selected contractor facilities.

TIME REQUIREMENT: Delivery of equipment by early CY - 90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-6/89

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE  
FACISIMILE SERVICE TO SELECTED CONTRACTOR  
FACILITIES.

THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

EQUIPMENT TYPE - TEMPEST APPROVED FAX

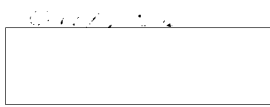
QUANTITY: 20

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	TEMPEST FAX	20	12,000	\$240,000

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25X1

REQ. NUMBER: DS&T/OD&E- 7/89

OFFICE RANK: 7 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

       Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

       Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide temporary, short-term secure communications at selected domestic locations.

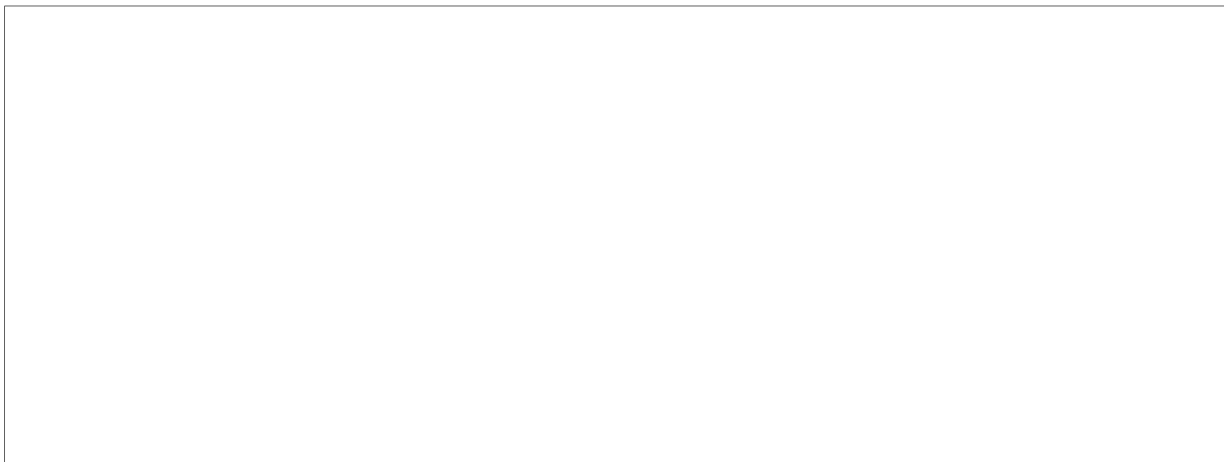
TIME REQUIREMENT: Delivery of equipment by early CY - 90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-7/89

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TEMPORARY  
SHORT-TERM SECURE COMMUNICATIONS AT SELECTED DOMESTIC  
LOCATIONS..  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

25X1

COMMENT :

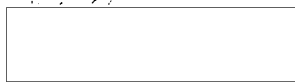
RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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REQ. NUMBER: DS&T/OD&E- 8/89

OFFICE RANK: 8 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Very wideband digital data interfaces to selected contractor and government facilities.

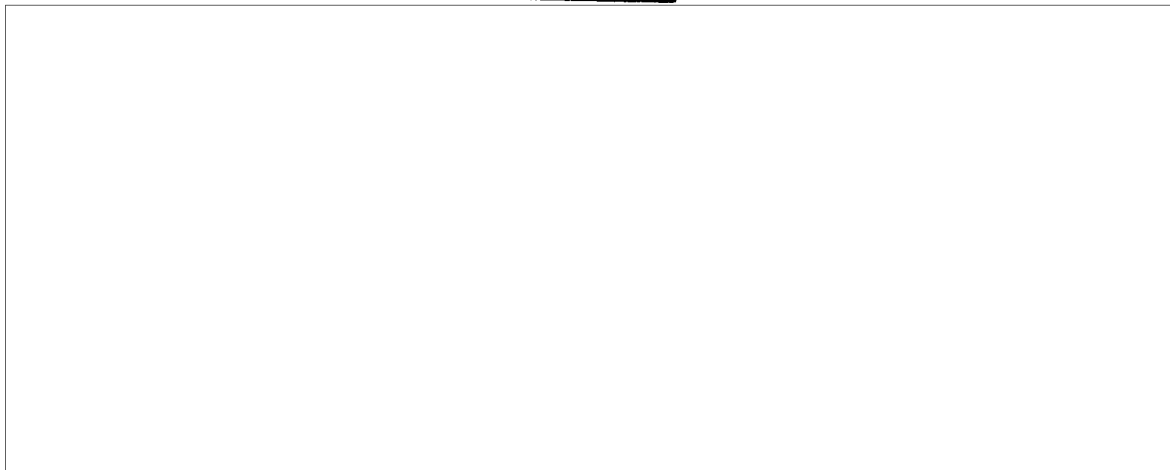
TIME REQUIREMENT: Delivery of equipment by early CY -90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES OD&E-8/89

DIRECTORATE : DDS&T  
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OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR VERY WIDEBAND  
DIGITAL DATA INTERFACES TO SELECTED CONTRACTOR AND  
GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

25X1

COMMENT :

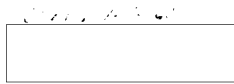
RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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REQ. NUMBER: DS&T/OD&E-9/89

OFFICE RANK: 9 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

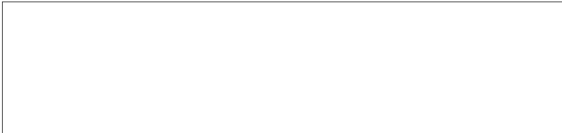
     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Secure voice and data trunking between high volume facilities.

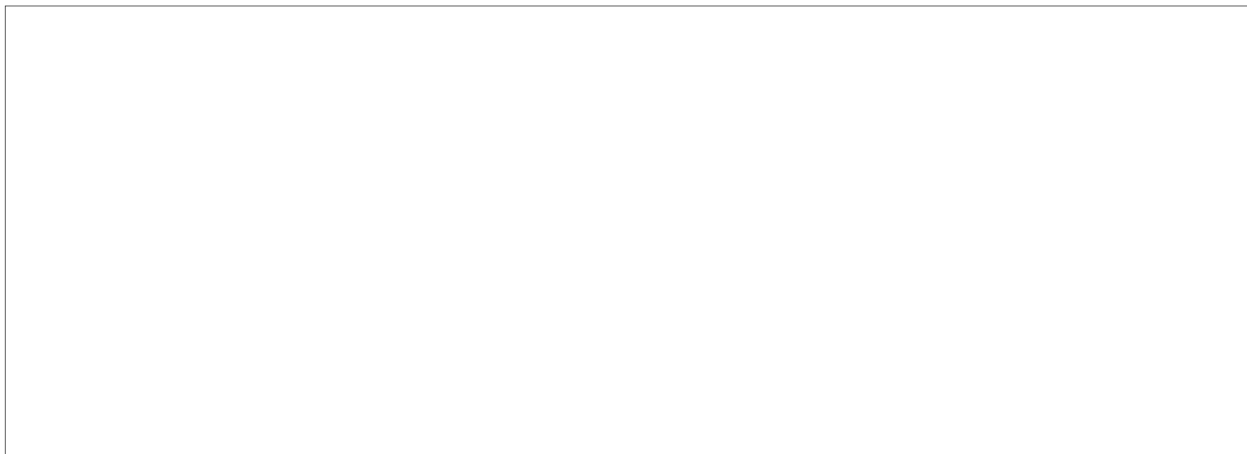
TIME REQUIREMENT: Delivery of equipment by early CY - 90

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-9/89

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE  
AND DATA TRUNKING BETWEEN HIGH VOLUME FACILITIES.

THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

25X1

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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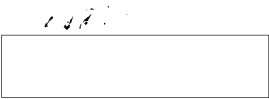
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REQ. NUMBER: DS&T/OD&E-1/90

OFFICE RANK: 1 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

       Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

       Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Wideband digital data interfaces to contractor and government facilities.

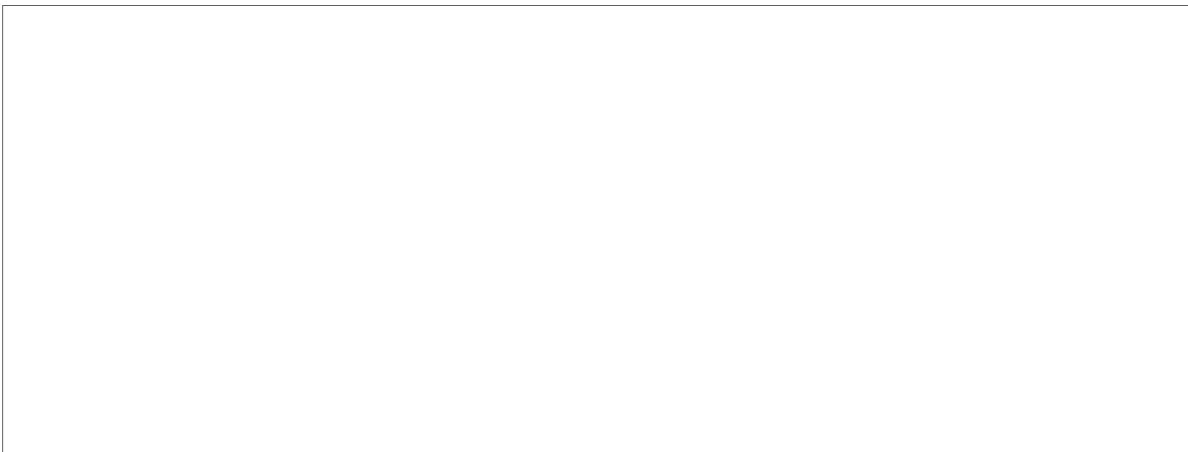
TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-1/90

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR WIDEBAND  
DIGITAL DATA INTERFACES TO CONTRACTOR AND GOVERNMENT  
FACILITIES.

THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

25X1

COMMENT :

RESPONSIBLE DESCRIPTION  
OFFICE

QTY UNIT TOTAL  
COST COST

25X1

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011/1154  
[Redacted]

REQ. NUMBER: DS&T/OD&E-2/90

OFFICE RANK: 2 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

       Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

       Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

[Redacted]

JUSTIFICATION: Wideband digital data interfaces to contractor and government facilities.

TIME REQUIREMENT: Delivery of equipment by early CY -91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-2/90

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR WIDEBAND  
DIGITAL DATA INTERFACES TO CONTRACTOR AND GOVERNMENT  
FACILITIES.

THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

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COMMENT :

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RESPONSIBLE	DESCRIPTION	QTY	UNIT	TOTAL
OFFICE			COST	COST

25X1

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017/830



25X1

REQ. NUMBER: DS&T/OD&E- 3/90

OFFICE RANK: 3 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide secure voice, data, facsimile service to relatively low density, low volume contractor and government facilities on a timely basis.

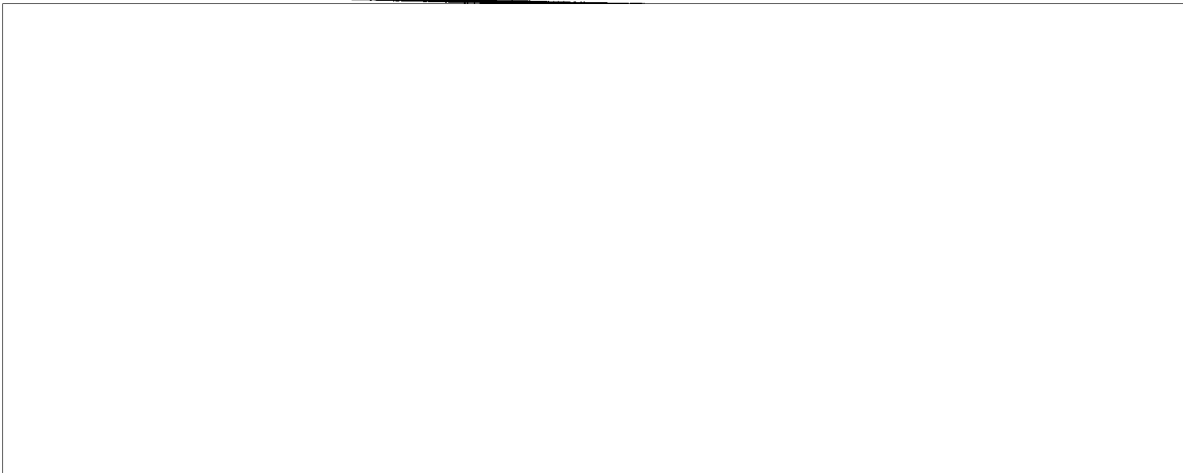
TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-3/90**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE,  
DATA, FACISIMILE SERVICE TO LOW DENSITY AND VOLUME  
CONTRACTOR AND GOVERNMENT FACILITIES  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

<b>RESPONSIBLE OFFICE</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
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25X1

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25X1

REQ. NUMBER: DS&T/OD&E- 4/90

OFFICE RANK: 4 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

[Redacted]

JUSTIFICATION: Provide tributary to node trunk circuits at various selected contractor and government facilities.

TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPART OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1

[Redacted]

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-4/90

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TRIBUTARY TO  
NODE TRUNK CIRCUITS AT VARIOUS SELECTED  
CONTRACTOR AND GOVERNMENT FACILITIES  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

25X1

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

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25X1

REQ. NUMBER: DS&T/OD&E- 5/90

OFFICE RANK: 5 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

Type: ICT (Intelligent Communications Terminal)

Quantity: 12

JUSTIFICATION: Provide narrative message (cable/TWX) service to selected contractor facilities.

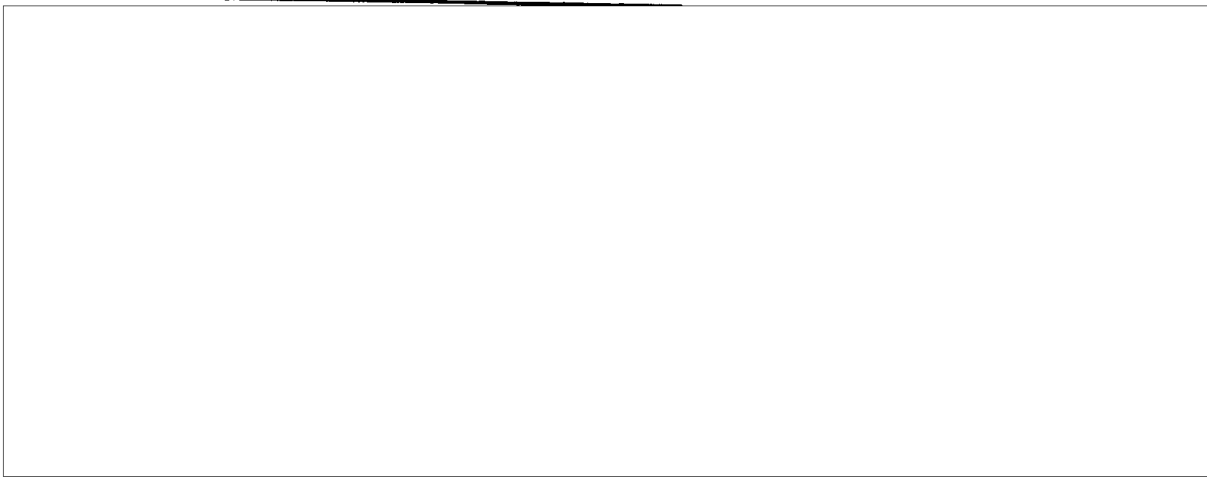
TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&amp;E-5/90

DIRECTORATE : DDS&amp;T

OFFICE : OD&amp;E

PROGRAM YR : 89

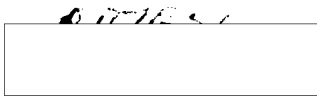
REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR NARRATIVE  
MESSAGE (CABLE/TWX) SERVICE TO SELECTED CONTRACTOR  
FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - ICT (INTELLIGENT COMMUNICATIONS TERMINAL)  
QUANTITY: 12

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	ICT	12	7,000	\$84,000

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25X1

REQ. NUMBER: DS&T/OD&E- 6/90

OFFICE RANK: 6 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service


     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

Type: TEMPEST Approved FAX 

Quantity: 20

JUSTIFICATION: Provide secure facsimile service to selected contractor facilities.

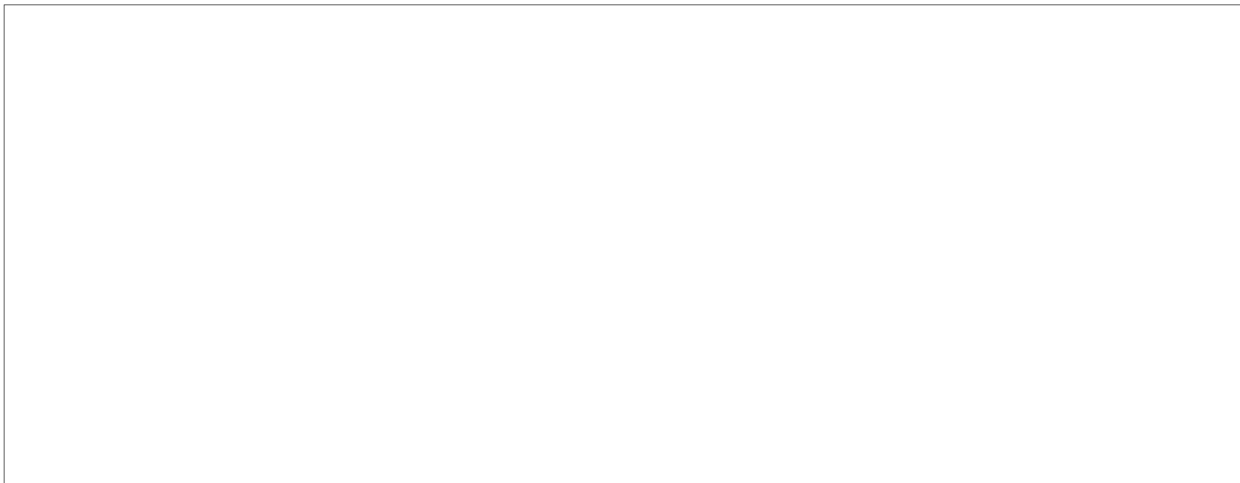
TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-6/90

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE  
FACSIMILE SERVICE TO SELECTED CONTRACTOR FACILITIES.

THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

EQUIPMENT TYPE - TEMPEST APPROVED FAX

QUANTITY: 20

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	TEMPEST FAX	20	12,000	\$240,000

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017/126  
[Redacted]

25X1

REQ. NUMBER: DS&T/OD&E- 7/90

OFFICE RANK: 7 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

[Redacted]

JUSTIFICATION: Provide temporary, short-term secure communications at selected domestic locations.

TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1

[Redacted]

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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-7/90**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TEMPORARY,  
SHORT-TERM SECURE COMMUNICATIONS AT SELECTED DOMESTIC  
LOCATIONS.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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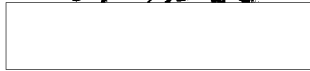
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25X1

REQ. NUMBER: DS&T/OD&E- 8/90

OFFICE RANK: 8 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Very wideband digital data interfaces to selected contractor and government facilities.

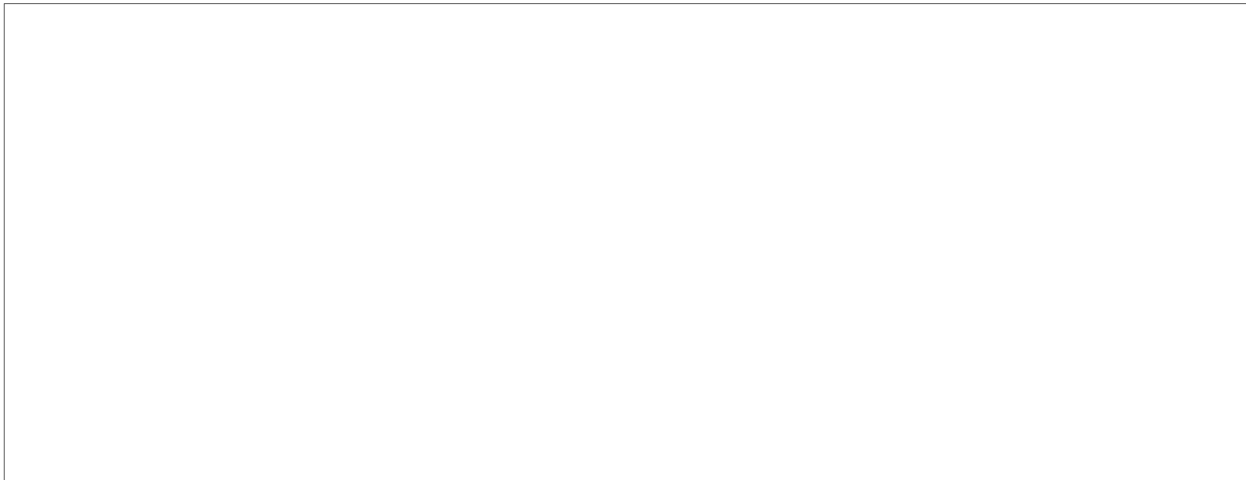
TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES OD&E-8/90**

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR VERY WIDEBAND  
DIGITAL DATA INTERFACES TO SELECTED CONTRACTOR AND  
GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

25X1

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

OD&E

**CONFIDENTIAL**



CONFIDENTIAL

07/15/90



25X1

REQ. NUMBER: DS&T/OD&E-9/90

OFFICE RANK: 9 of 9

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

Enhanced communications to existing capabilities

Communications services for ongoing initiatives

Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Secure voice and data trunking between high volume facilities.

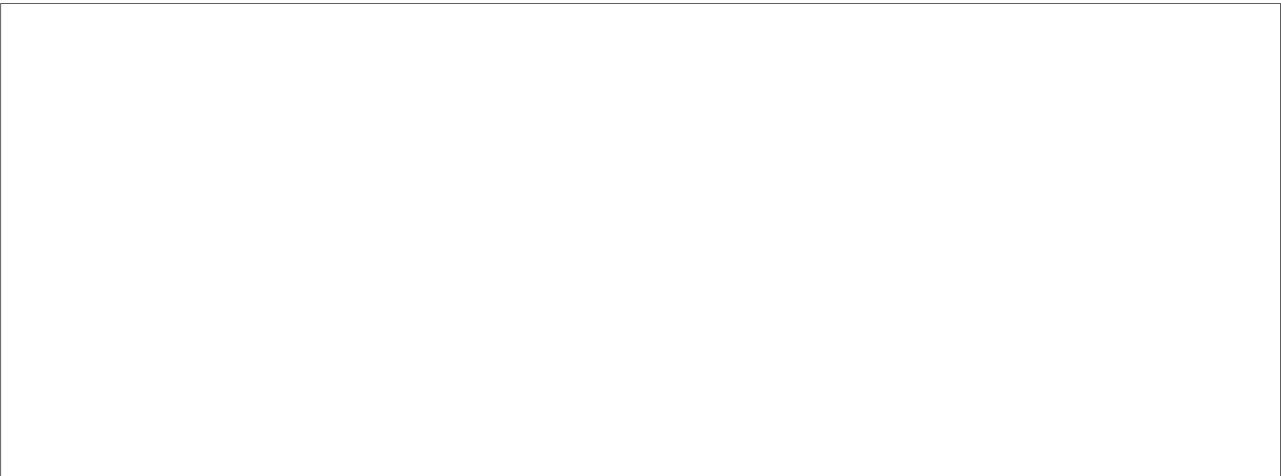
TIME REQUIREMENT: Delivery of equipment by early CY - 91

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



CONFIDENTIAL

**CONFIDENTIAL**

**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-9/90**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE  
AND DATA TRUNKING BETWEEN HIGH VOLUME FACILITIES.D**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

<b>RESPONSIBLE OFFICE</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
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25X1

**OD&E**

**CONFIDENTIAL**

CONFIDENTIAL

OD&E



25X1

REQ. NUMBER: DS&T/OD&E-1/91

OFFICE RANK: 1 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Wideband digital data interfaces to contractor and government facilities.

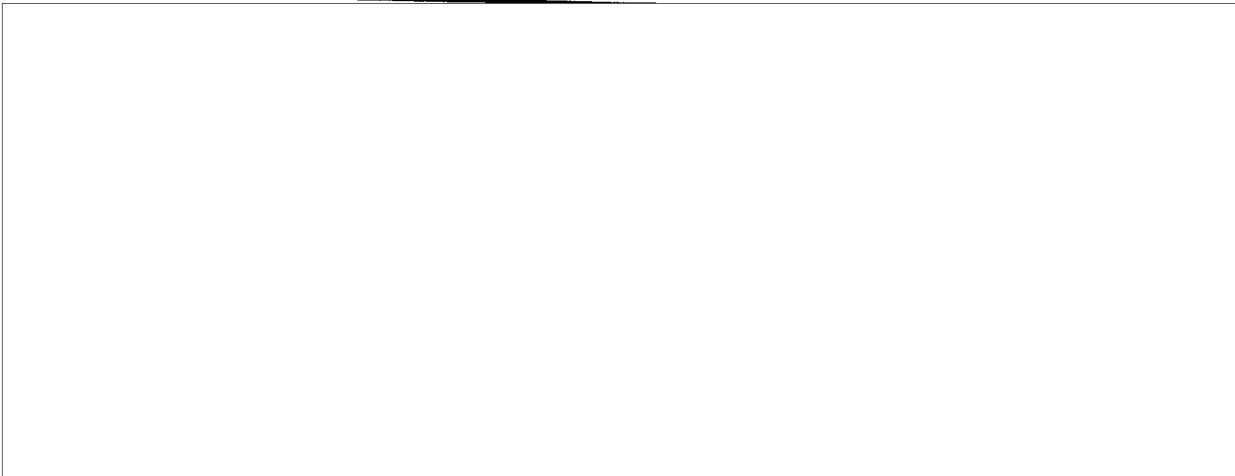
TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**CONFIDENTIAL**

**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-1/91**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR WIDEBAND  
DIGITAL DATA INTERFACES TO CONTRACTOR AND GOVERNMENT  
FACILITIES.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1



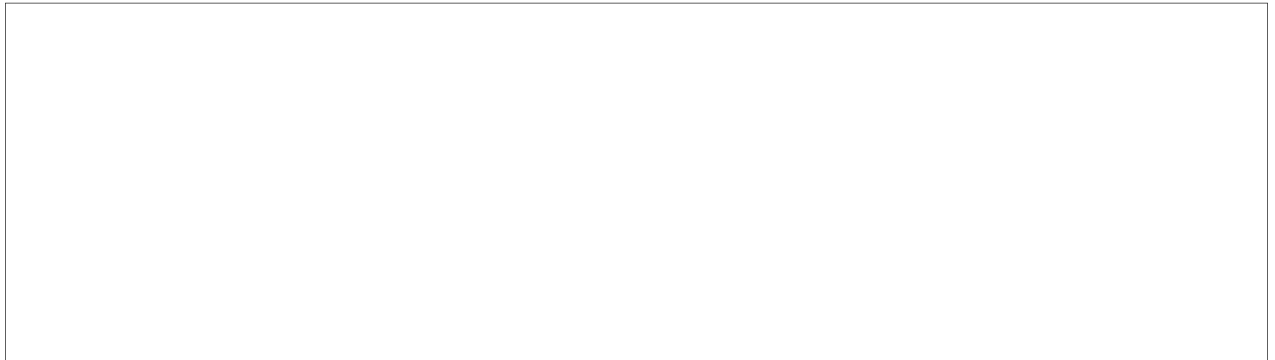
**COMMENT :**

**RESPONSIBLE DESCRIPTION  
OFFICE**

**QTY UNIT TOTAL  
COST COST**

25X1

**OD&E**



**CONFIDENTIAL**

CONFIDENTIAL

017/ES 6

25X1

REQ. NUMBER: DS&T/OD&E-2/91

OFFICE RANK: 2 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

       Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

       Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide secure voice, data, facsimile service to relatively low density, low volume contractor and government facilities on a timely basis.

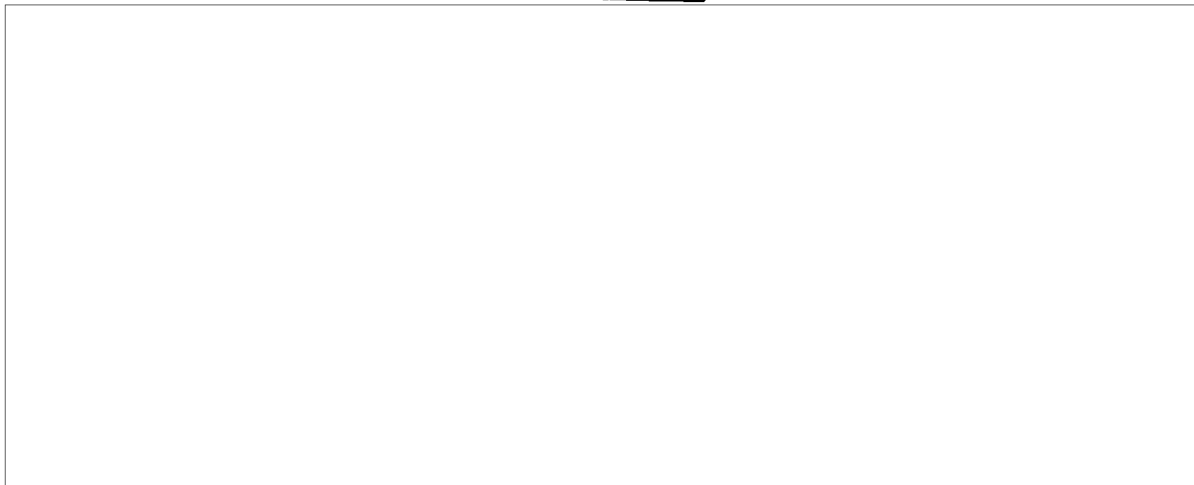
TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-2/91**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE,  
DATA, FACSIMILE SERVICE TO RELATIVELY LOW DENSITY AND  
VOLUME CONTRACTOR AND GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

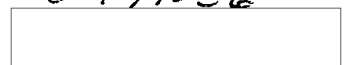
**OD&E**

**CONFIDENTIAL**

CONFIDENTIAL

017/ESG

25X1



REQ. NUMBER: DS&T/OD&E- 3/90

OFFICE RANK: 3 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide tributary to node trunk circuits at various selected contractor and government facilities.

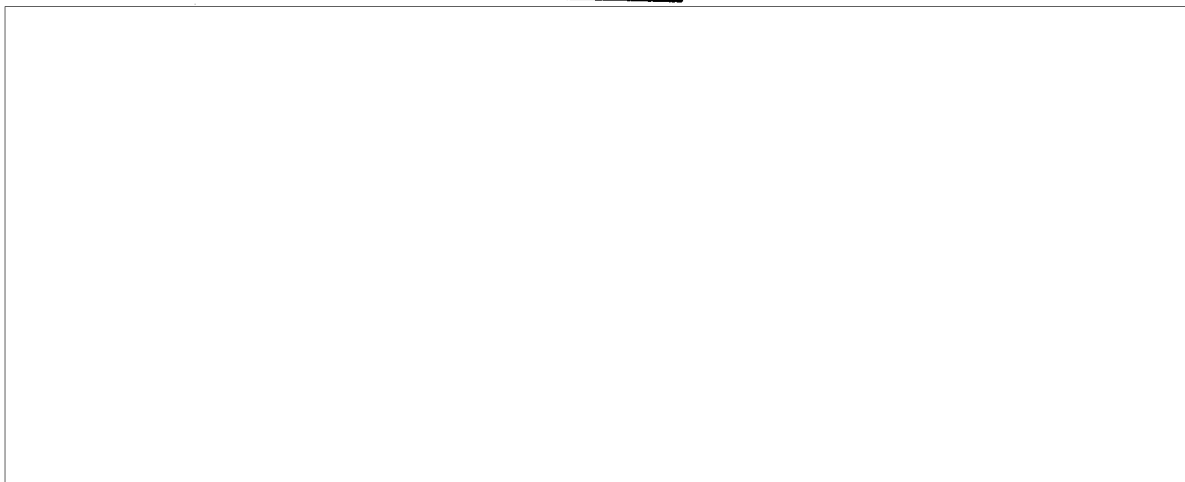
TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-3/91**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TRIBUTARY  
CIRCUITS AT VARIOUS SELECTED CONTRACTOR AND GOVERNMENT  
FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

**OD&E**

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25X1



017/ESG

REQ. NUMBER: DS&T/OD&E- 4/91

OFFICE RANK: 4 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

Type: ICT (Intelligent Communications Terminal)

Quantity: 12

JUSTIFICATION: Provide narrative message (cable/TWX) service to selected contractor facilities.

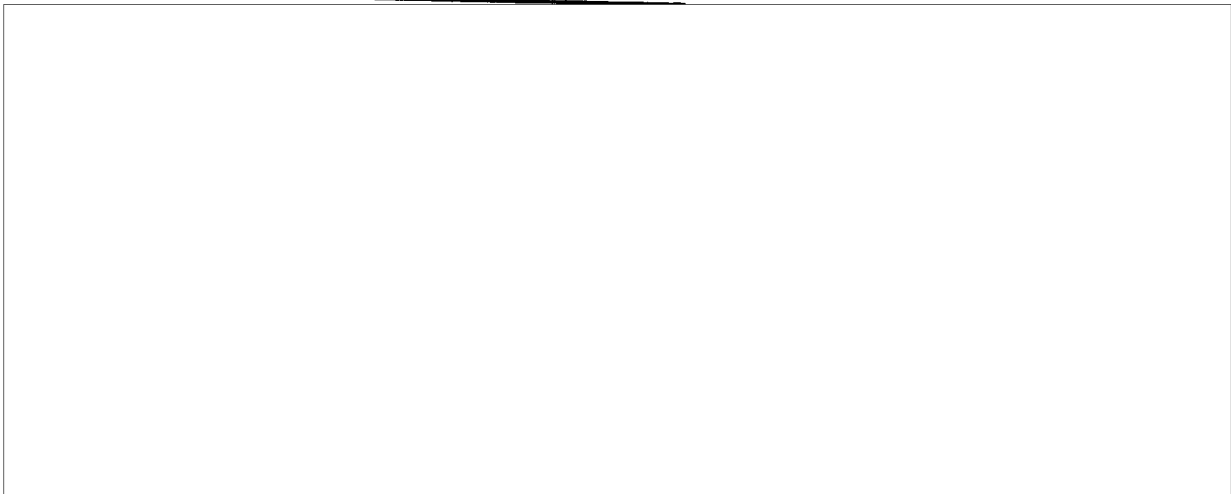
TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



CONFIDENTIAL

**CONFIDENTIAL****COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

OD&amp;E-4/91

DIRECTORATE : DDS&amp;T

OFFICE : OD&amp;E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR NARRATIVE  
MESSAGE (CABLE/TWX) SERVICE TO SELECTED CONTRACTOR  
FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - ICT (INTELLIGENT COMMUNICATIONS TERMINAL)  
QUANTITY: 12

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	ICT	12	7,000	\$84,000

**CONFIDENTIAL**

25X1

01/12/91  
[Redacted]

REQ. NUMBER: DS&T/OD&E- 5/91

OFFICE RANK: 5 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

Type: TEMPEST Approved FAX [Redacted]

Quantity: 20

JUSTIFICATION: Provide secure facsimile service to selected contractor facilities.

TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1

[Redacted]

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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-5/91**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE  
FACSIMILE SERVICE TO SELECTED CONTRACTOR FACILITIES.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - TEMPEST APPROVED FAX  
QUANTITY: 20**

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	TEMPEST FAX	20	12,000	\$240,000

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CONFIDENTIAL

07/1/96



25X1

REQ. NUMBER: DS&T/OD&E- 6/91

OFFICE RANK: 6 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide temporary, short-term secure communications at selected domestic locations.

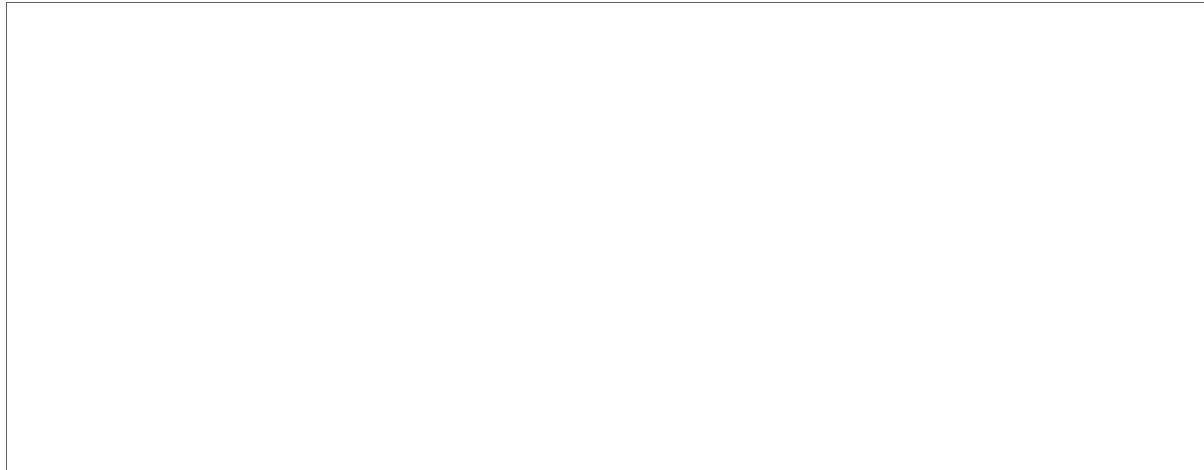
TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-6/91**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TEMPORARY,  
SHORT-TERM SECURE COMMUNICATIONS AT SELECTED DOMESTIC  
LOCATIONS.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

**OD&E**

**CONFIDENTIAL**

017/ESG

25X1

REQ. NUMBER: DS&T/OD&E- 7/91

OFFICE RANK: 7 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

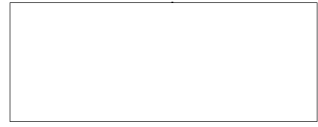
       Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

       Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Very wideband digital data interfaces to selected contractor and government facilities.

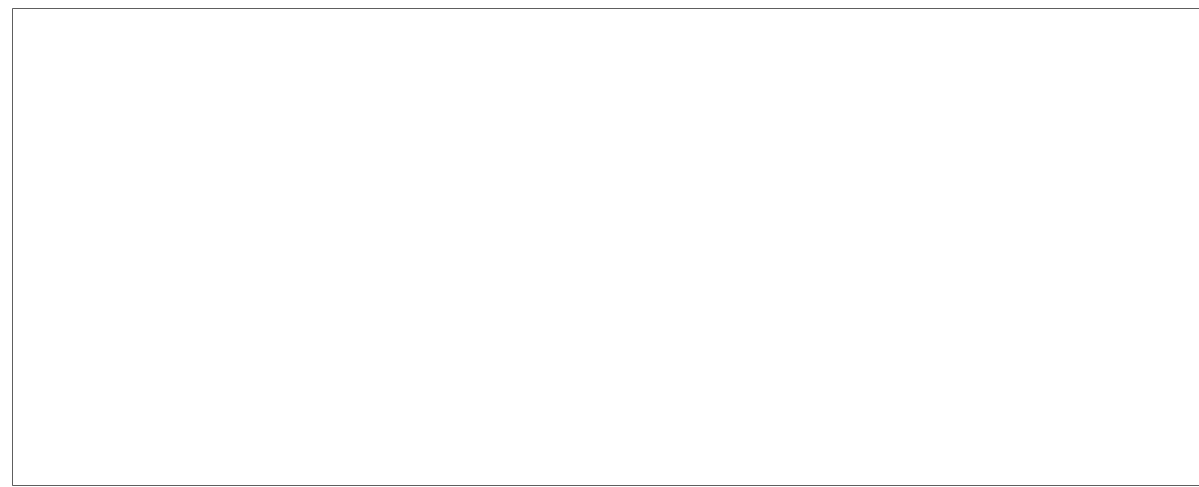
TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-7/91**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR VERY WIDEBAND  
DIGITAL DATA INTERFACES TO SELECTED CONTRACTOR AND  
GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

**OD&E**

**CONFIDENTIAL**



*0111434*



25X1

REQ. NUMBER: DS&T/OD&E- 8/91

OFFICE RANK: 8 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Secure voice and data trunking between high volume facilities.

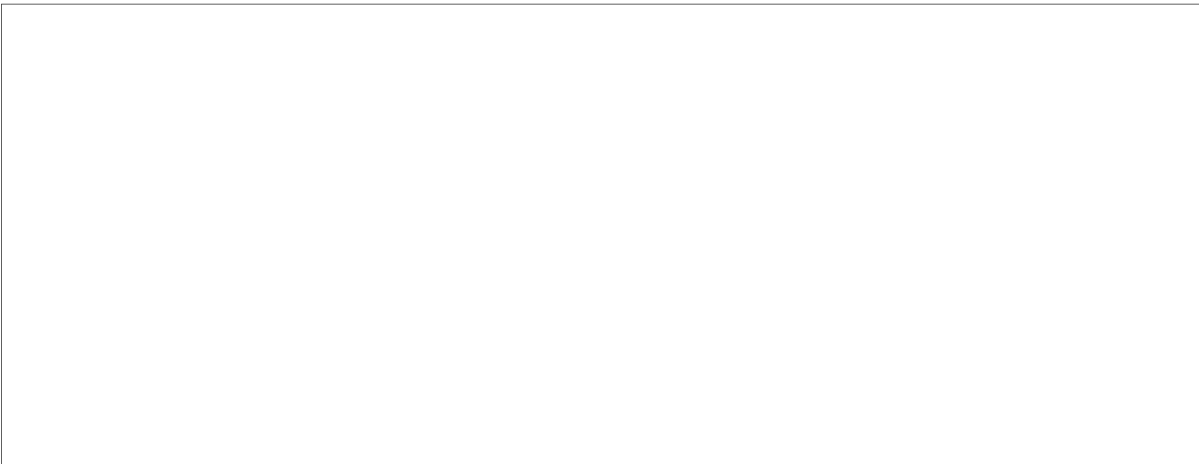
TIME REQUIREMENT: Delivery of equipment by early CY - 92

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-8/91**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE  
AND DATA TRUNKING BETWEEN HIGH VOLUME FACILITIES.**

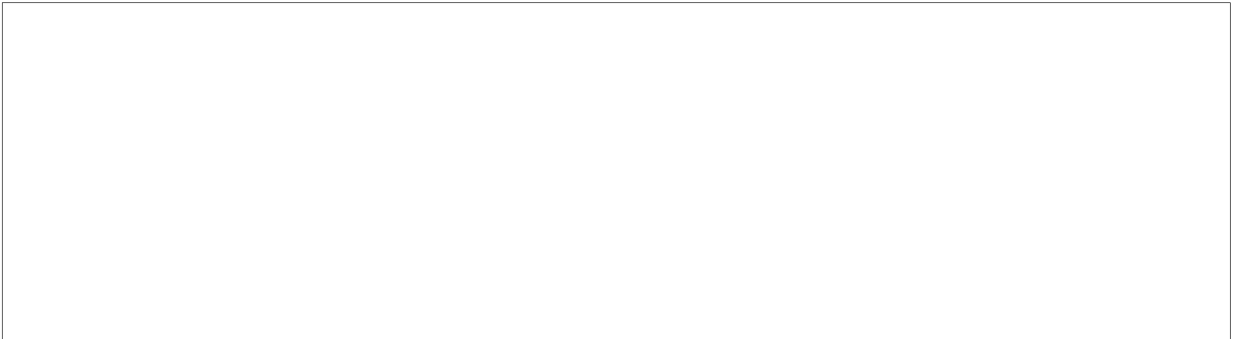
**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**



**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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**OD&E**



**CONFIDENTIAL**

CONFIDENTIAL

*017/180*



25X1

REQ. NUMBER: DS&T/OD&E- 1/92

OFFICE RANK: 1 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Wideband digital data interfaces to contractor and government facilities.

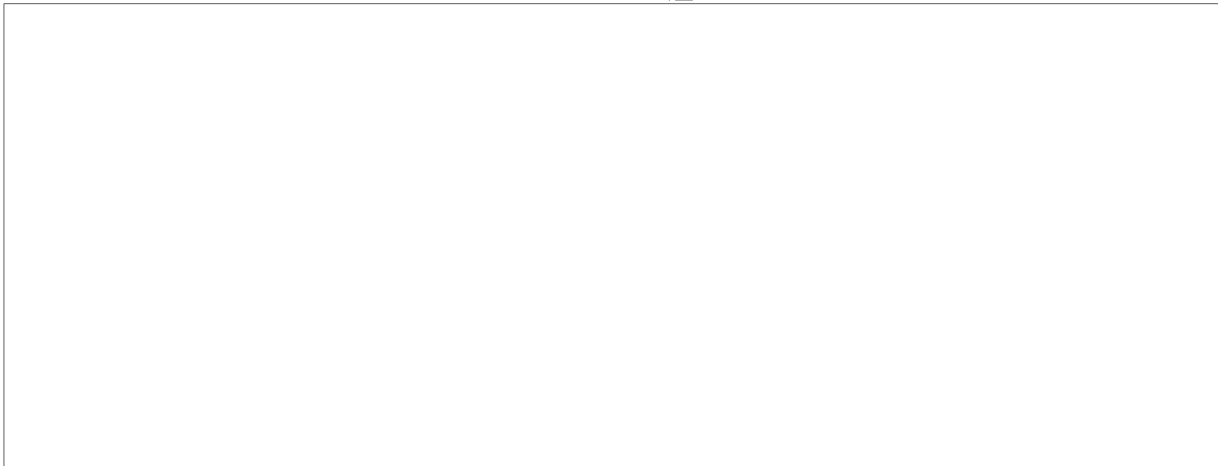
TIME REQUIREMENT: Delivery of equipment by early CY - 93

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-1/92**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR WIDEBAND  
DIGITAL DATA INTERFACES TO CONTRACTOR AND GOVERNMENT  
FACILITIES.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

<b>RESPONSIBLE OFFICE</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
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25X1

**OD&E**

**CONFIDENTIAL**

CONFIDENTIAL

CIT/ASG



25X1

REQ. NUMBER: DS&T/OD&E- 2/92

OFFICE RANK: 2 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

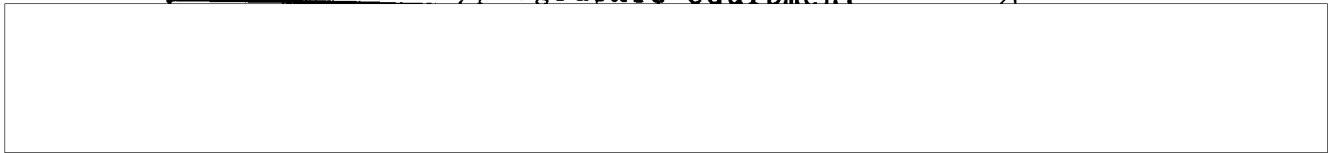
     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide secure voice, data, facsimile service to relatively low density, low volume contractor and government facilities on a timely basis.

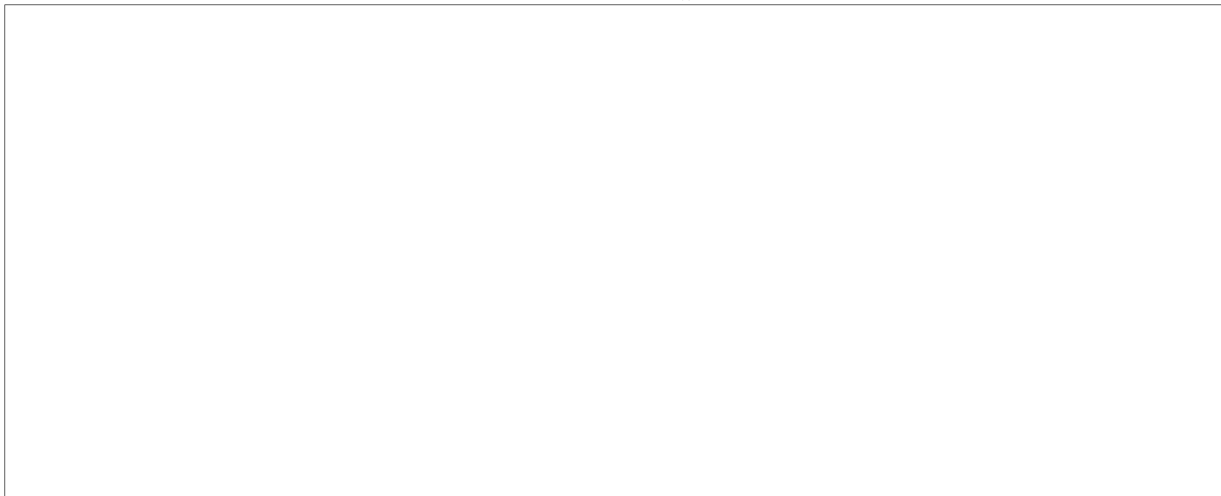
TIME REQUIREMENT: Deliverv of equipment by early CY - 93

IMPART OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-2/92**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE  
DATA, FACSIMILE SERVICE TO LOW DENSITY AND VOLUME  
CONTRACTOR AND GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

OD&E				
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CONFIDENTIAL

011156  
[Redacted]

25X1

REQ. NUMBER: DS&T/OD&E- 3/92

OFFICE RANK: 3 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

[Redacted]

JUSTIFICATION: Provide tributary to node trunk circuits at various selected contractor and government facilities.

TIME REQUIREMENT: Delivery of equipment by early CY - 93

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1

[Redacted]

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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-3/92**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TRIBUTARY TO  
NODE TRUNK CIRCUITS AT VARIOUS SELECTED CONTRACTOR AND  
GOVERNMENT FACILITIES.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

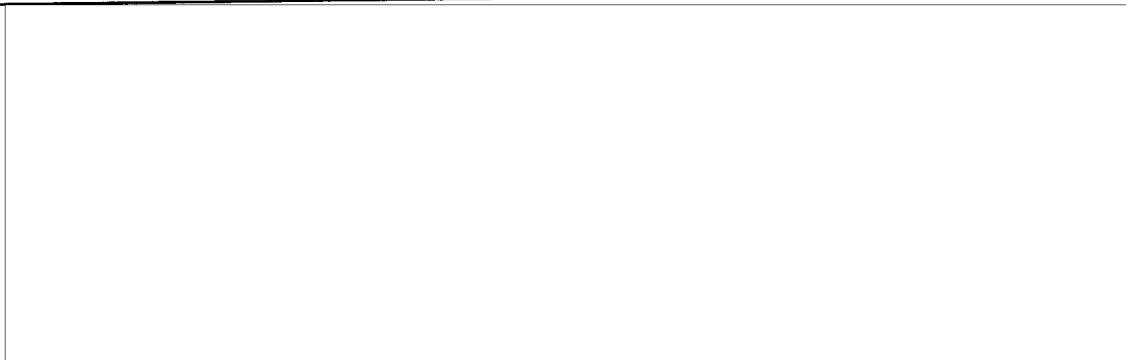


**qq  
COMMENT :**

<b>RESPONSIBLE OFFICE</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
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25X1

**OD&E**

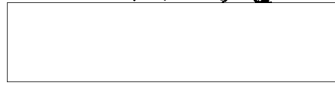


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011/ASG



25X1

REQ. NUMBER: DS&T/OD&E- 4/92

OFFICE RANK: 4 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

Enhanced communications to existing capabilities

Communications services for ongoing initiatives

Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

Type: ICT (Intelligent Communications Terminal)

Quantity: 12

JUSTIFICATION: Provide narrative message (cable/TWX) service to selected contractor facilities.

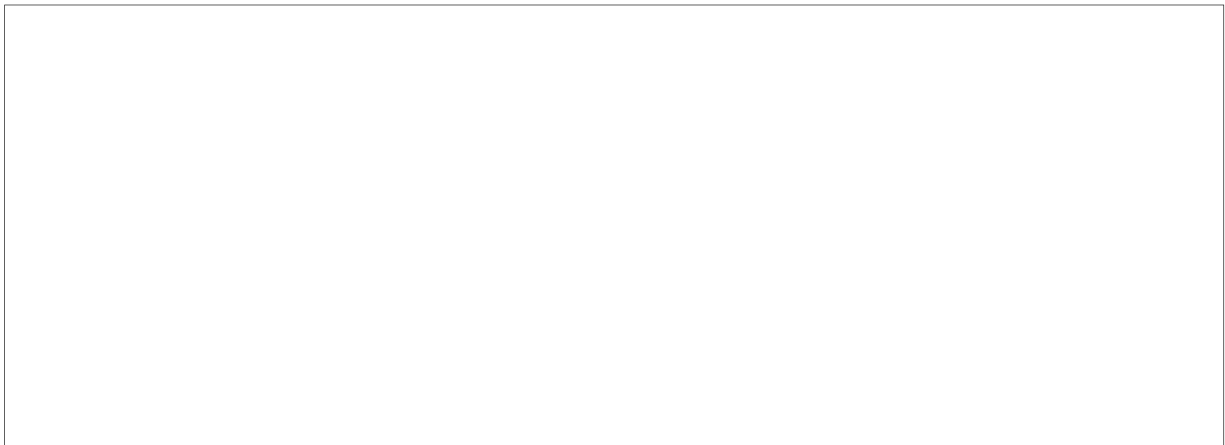
TIME REQUIREMENT: Delivery of equipment by early CY - 93

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**CONFIDENTIAL****COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

OD&amp;E-4/92

DIRECTORATE : DDS&amp;T

OFFICE : OD&amp;E

PROGRAM YR : 89  
quit

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR NARRATIVE  
MESSAGE (CABLE/TWX) SERVICE TO SELECTED CONTRACTOR  
FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - ICT (INTELLIGENT COMMUNICATIONS TERMINAL)  
QUANTITY: 12

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	ICT	12	7,000	\$84,000

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25X1

REQ. NUMBER: DS&T/OD&E- 5/92

OFFICE RANK: 5 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service


     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

Type: TEMPEST Approved FAX 

Quantity: 20

JUSTIFICATION: Provide secure facsimile service to selected contractor facilities.

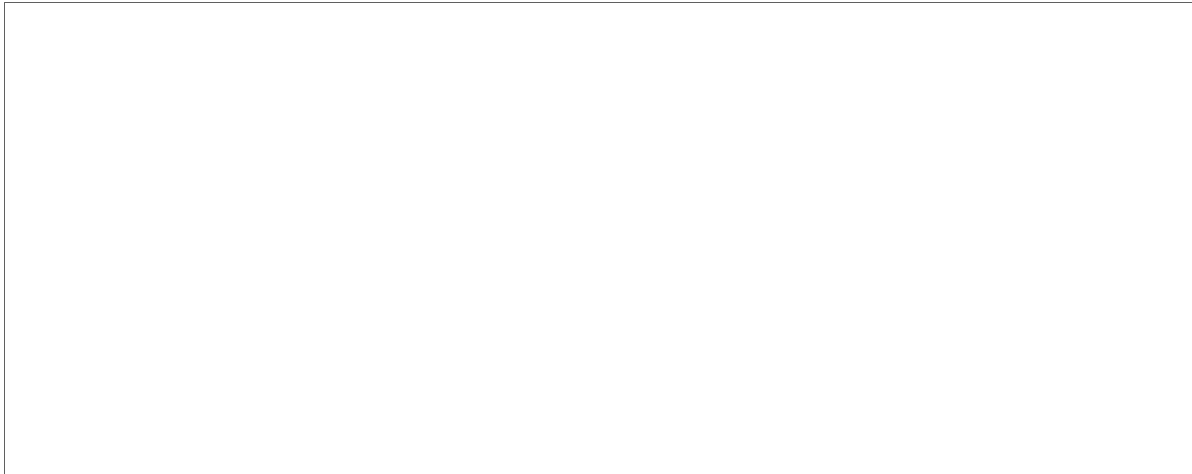
TIME REQUIREMENT: Delivery of equipment by early CY - 93

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES OD&E-5/92**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE  
FACSIMILE SERVICE TO SELECTED CONTRACTOR  
FACILITIES.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - TEMPEST APPROVED FAX   
QUANTITY: 20**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	TEMPEST FAX	20	12,000	\$240,000

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011/11/92



25X1

REQ. NUMBER: DS&T/OD&E- 6/92

OFFICE RANK: 6 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide temporary, short-term secure communications at selected domestic locations.

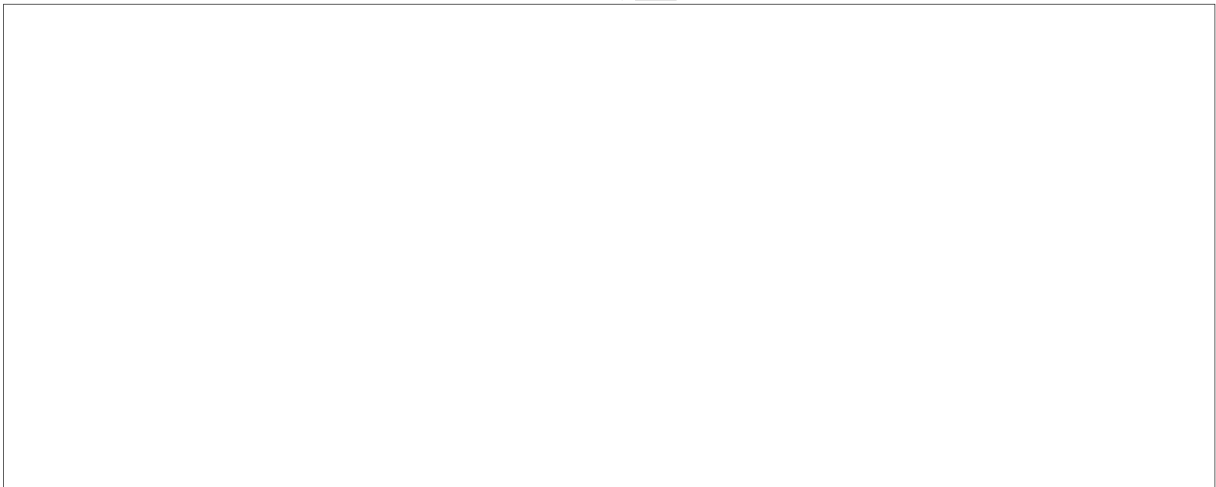
TIME REQUIREMENT: Delivery of equipment by early CY - 93

IMPART OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&E-6/92

DIRECTORATE : DDS&T

OFFICE : OD&E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TEMPORARY,  
SHORT-TERM SECURE COMMUNICATIONS AT SELECTED DOMESTIC  
LOCATIONS.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES

25X1

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

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*011/1200*

REQ. NUMBER: DS&T/OD&E- 7/92

OFFICE RANK: 7 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Very wideband digital data interfaces to selected contractor and government facilities.

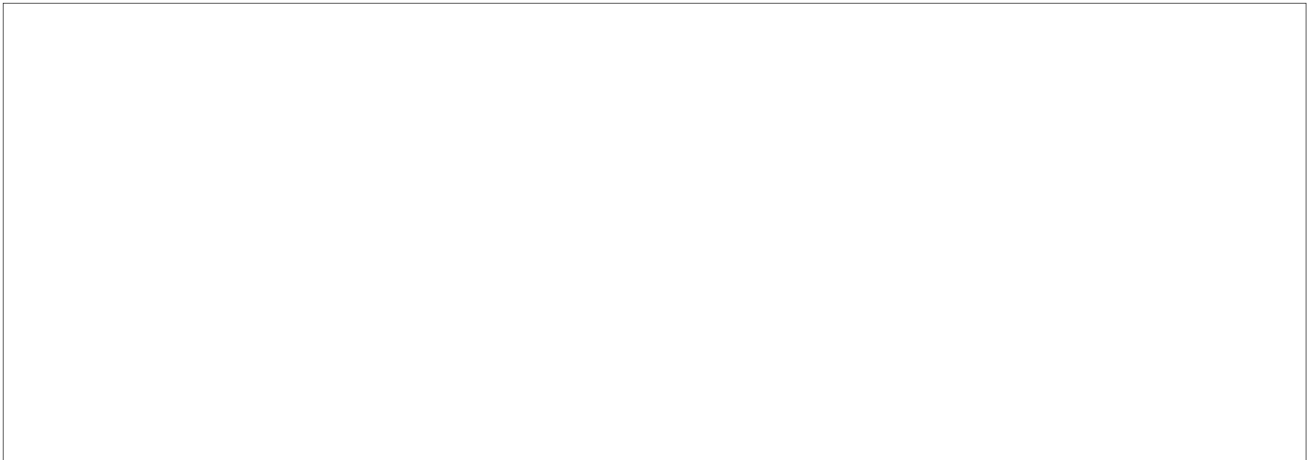
TIME REQUIREMENT: Delivery of equipment by early CY - 93

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-7/92**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR VERY WIDEBAND  
DIGITAL DATA INTERFACES TO SELECTED CONTRACTOR AND  
GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

**OD&E**

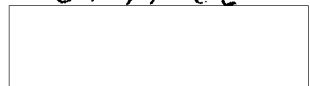
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011/180

25X1



REQ. NUMBER: DS&T/OD&E- 8/92

OFFICE RANK: 8 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Secure voice and data trunking between high volume facilities.

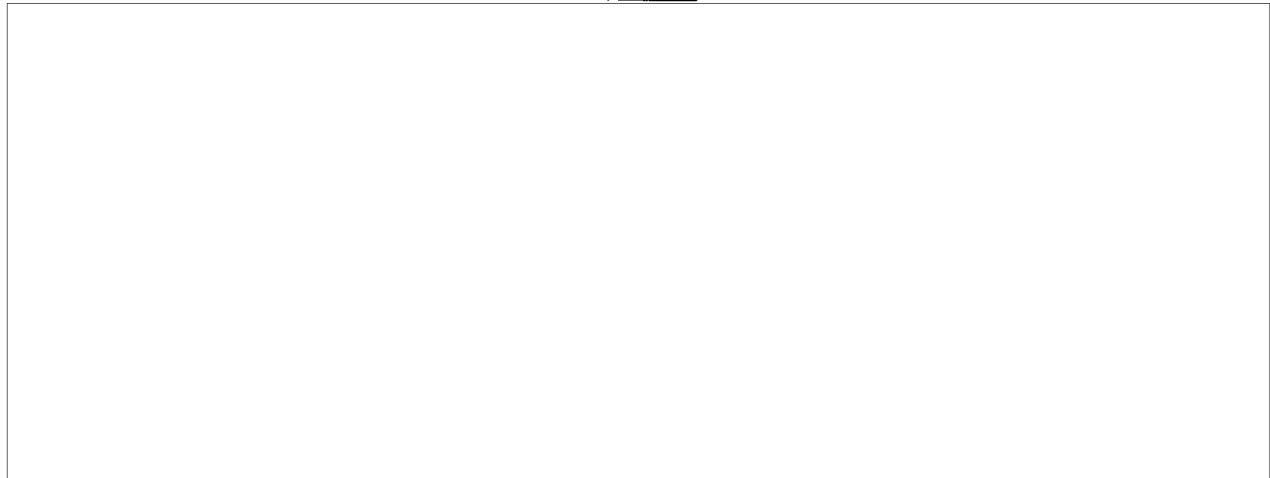
TIME REQUIREMENT: Delivery of equipment by early CY - 93

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-8/92**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE  
AND DATA TRUNKING BETWEEN HIGH VOLUME FACILITIES.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

**OD&E**

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*011/ESG*



25X1

REQ. NUMBER: DS&T/OD&E- 1/93

OFFICE RANK: 1 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Wideband digital data interfaces to contractor and government facilities.

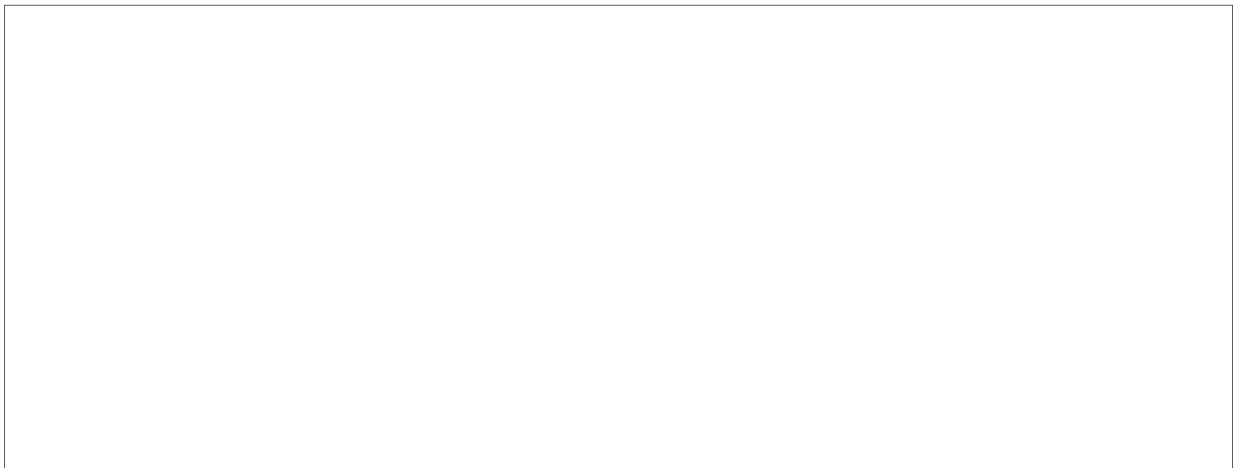
TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-1/93**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR WIDEBAND  
DIGITAL DATA INTERFACES TO CONTRACTOR AND GOVERNMENT  
FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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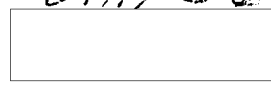
25X1

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011/P-20



25X1

REQ. NUMBER: DS&T/OD&E- 2/93

OFFICE RANK: 2 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide secure voice, data, facsimile service to relatively low density, low volume contractor and government facilities on a timely basis.

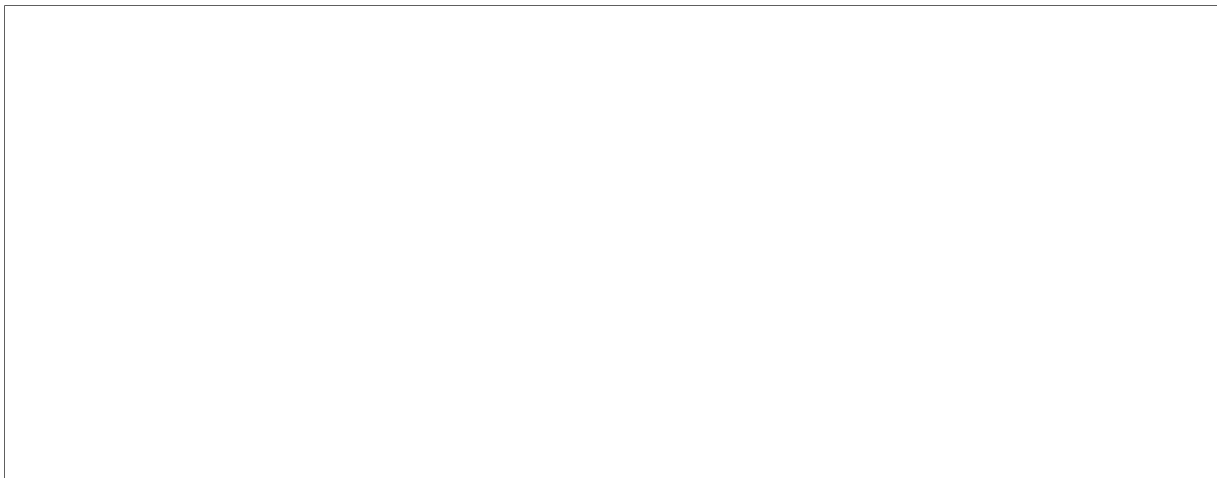
TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-2/93**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE,  
DATA, FACSIMILE SERVICE TO LOW DENSITY AND VOLUME  
CONTRACTOR AND GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

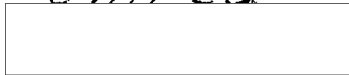
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CIT/ESC

25X1



REQ. NUMBER: DS&T/OD&E- 3/93

OFFICE RANK: 3 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Provide tributary to node trunk circuits at various selected contractor and government facilities.

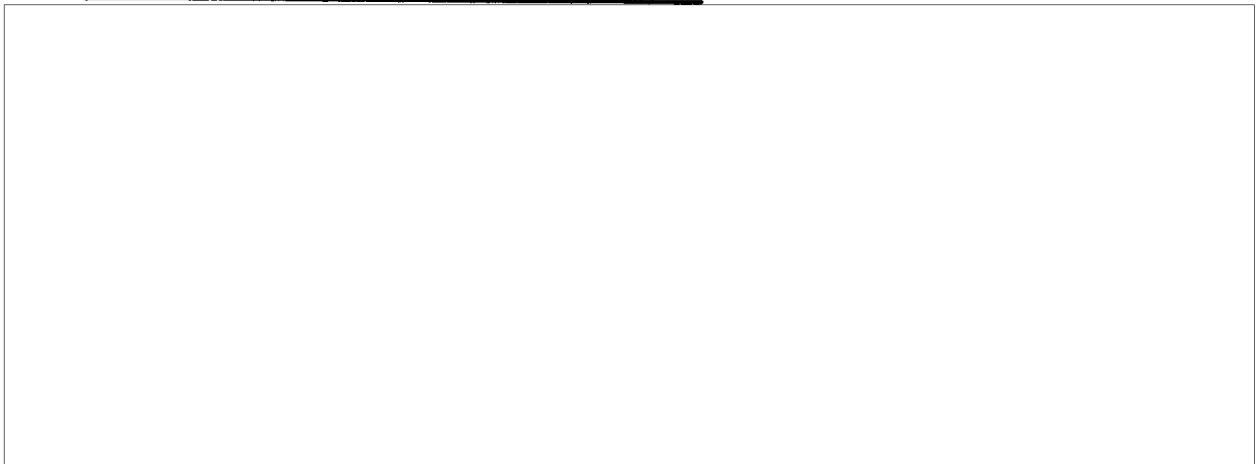
TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-3/93**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TRIBUTARY TO  
NODE TRUNK CIRCUITS AT VARIOUS SELECTED CONTRACTOR  
AND GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

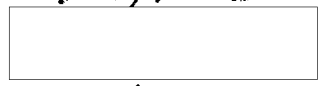
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6/11/93



25X1

REQ. NUMBER: DS&T/OD&E- 4/93

OFFICE RANK: 4 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

       Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

       Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

Type: ICT (Intelligent Communications Terminal)

Quantity: 12

JUSTIFICATION: Provide narrative message (cable/TWX) service to selected contractor facilities.

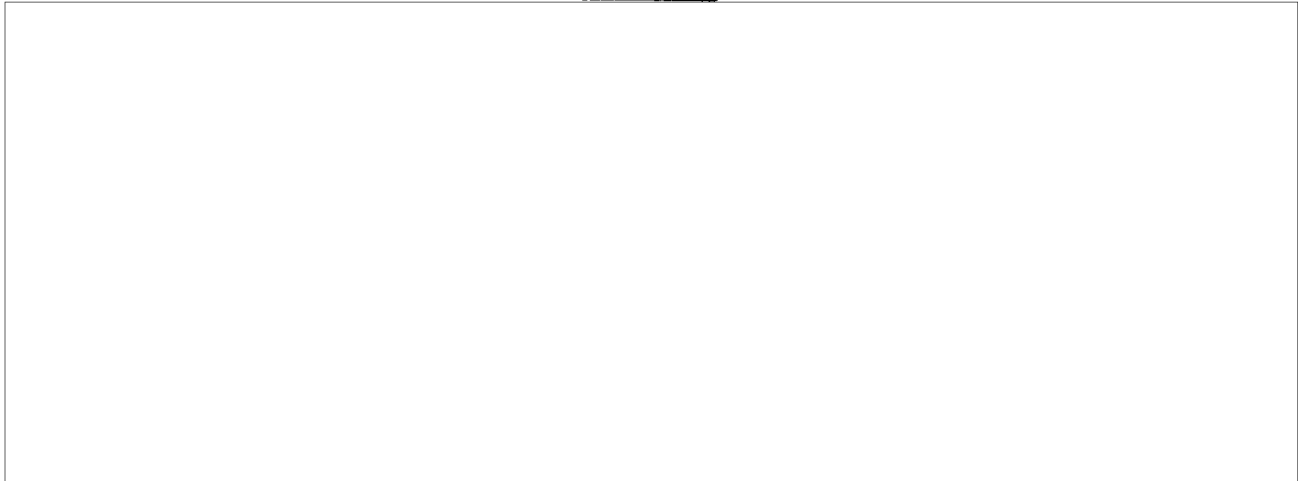
TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**CONFIDENTIAL****COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES****OD&E-4/93****DIRECTORATE : DDS&T****OFFICE : OD&E****PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR NARRATIVE  
MESSAGE (CABLE/TWX) SERVICE TO SELECTED CONTRACTOR  
FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - ICT (INTELLIGENT COMMUNICATIONS TERMINAL)  
QUANTITY: 12**

**COMMENT :**

<b>RESPONSIBLE OFFICE</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
<b>OD&amp;E</b>	<b>ICT</b>	<b>12</b>	<b>7,000</b>	<b>\$84,000</b>

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25X1

011/155  
[Redacted]

REQ. NUMBER: DS&T/OD&E- 5/93

OFFICE RANK: 5 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

Type: TEMPEST Approved FAX [Redacted]

Quantity: 20

JUSTIFICATION: Provide secure facsimile service to selected contractor facilities.

TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1

[Redacted]

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COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES

OD&amp;E-5/93

DIRECTORATE : DDS&amp;T

OFFICE : OD&amp;E

PROGRAM YR : 89

REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE  
FACSIMILE SERVICE TO SELECTED CONTRACTOR FACILITIES.THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES  
EQUIPMENT TYPE - TEMPEST APPROVED FAX (DACOM 412 REPLACEMENT)  
QUANTITY: 20

COMMENT :

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
OD&E	TEMPEST FAX	20	12,000	\$240,000

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011156  
[Redacted]

25X1

REQ. NUMBER: DS&T/OD&E- 6/93

OFFICE RANK: 6 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1

[Redacted]

JUSTIFICATION: Provide temporary, short-term secure communications at selected domestic locations.

TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1

[Redacted]

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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-6/93**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR TEMPORARY,  
SHORT-TERM SECURE COMMUNICATIONS AT SELECTED DOMESTIC  
LOCATIONS.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

**OD&E**

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25X1

REQ. NUMBER: DS&T/OD&E- 7/93

OFFICE RANK: 7 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Very wideband digital data interfaces to selected contractor and government facilities.

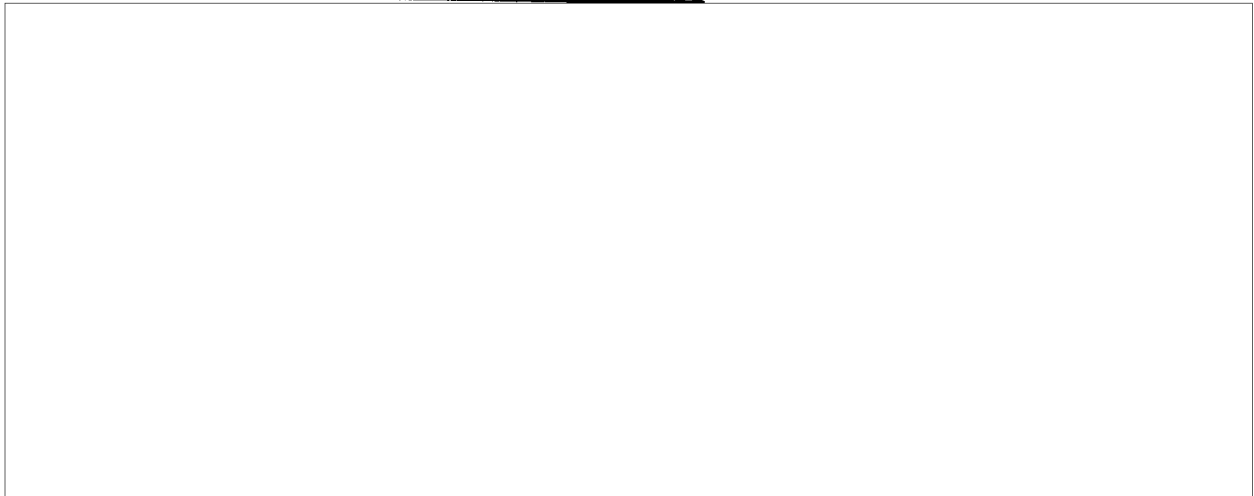
TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-7/93**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR VERY WIDEBAND  
DIGITAL DATA INTERFACES TO SELECTED CONTRACTOR AND  
GOVERNMENT FACILITIES.  
THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

25X1

**COMMENT :**

RESPONSIBLE OFFICE	DESCRIPTION	QTY	UNIT COST	TOTAL COST
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25X1

**OD&E**

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017/P-6



25X1

REQ. NUMBER: DS&T/OD&E- 8/93

OFFICE RANK: 8 of 8

OFFICE: DEVELOPMENT AND ENGINEERING

TITLE: Communications Network Support

Type of New Communications Service

     Enhanced communications to existing capabilities

  X   Communications services for ongoing initiatives

     Communications services for new initiatives

REQUIREMENT: Provision of cryptographic equipment

25X1



JUSTIFICATION: Secure voice and data trunking between high volume facilities.

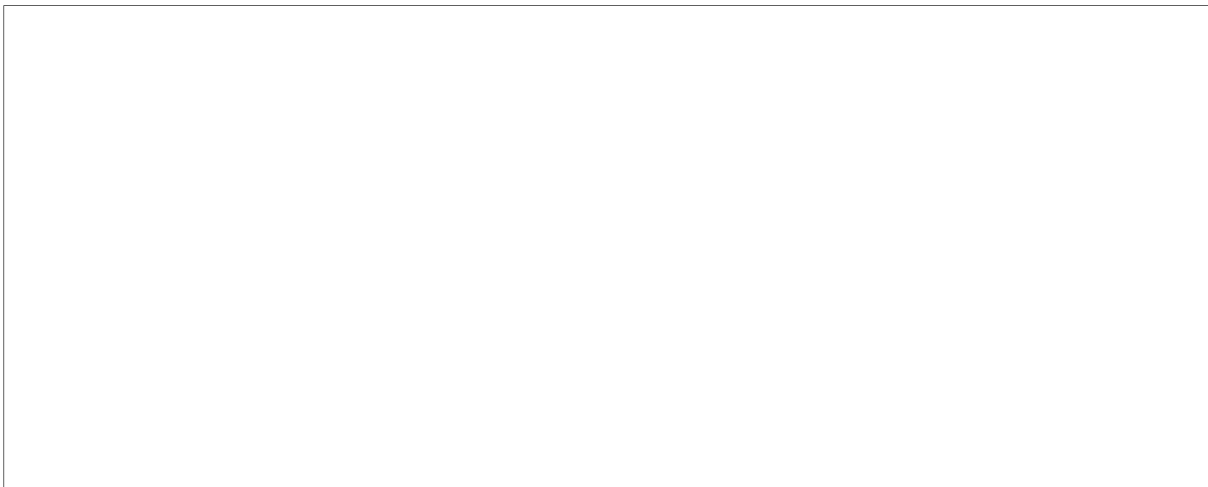
TIME REQUIREMENT: Delivery of equipment by early CY - 94

IMPACT OF LACK OF SERVICE ON OTHER PROGRAMS:

Absence of secure communications capability with vital contractor and government facilities.

CONTACT: OD&E Telecommunications Division

25X1



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**COST ESTIMATES FOR  
NEW COMMUNICATIONS SERVICES**

**OD&E-8/93**

**DIRECTORATE : DDS&T**

**OFFICE : OD&E**

**PROGRAM YR : 89**

**REQUIREMENT : PROVISION OF CRYPTOGRAPHIC EQUIPMENT FOR SECURE VOICE  
AND DATA TRUNKING BETWEEN HIGH VOLUME FACILITIES.**

**THESE ARE COMMUNICATIONS SERVICES FOR ONGOING INITIATIVES**

[Redacted box]

**COMMENT :**

<b>RESPONSIBLE OFFICE</b>	<b>DESCRIPTION</b>	<b>QTY</b>	<b>UNIT COST</b>	<b>TOTAL COST</b>
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**OD&E**

[Redacted table content]

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