RI 306775-53-34 RFP-146

(REVISED) FINANCIAL PROPOSAL VOLUME II

Cassegrain Feeds for NRAO

For National Radio Astronomy Observation Edgemont Road Charlottesville, Virginia 22901

Attention:
J. Marymor

8 September 1972



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SECTION 1.0
INTRODUCTION

1.0 INTRODUCTION

1.1 General

Radiation, a Division of Harris-Intertype Corporation, submits this revised Fixed-Price proposal to National Radio Astronomy Observatory, Edgemont Road, Charlottesville, Virginia 20991 in response to RFP-146.

1.2 Scope of Work

This cost proposal is for material and services necessary to develop Cassegrain Feeds. Three Cassegrain primary feeds must be designed and tested to satisfy particularly stringent requirements. One feed operates at L-Band, another at K-Band. The third is a dual frequency feed that must operate simultaneously in the C and Ku-Bands.

1.3 Validity Period

This proposal is valid for a period of ninety (90) days beginning 8 September 1972. Upon expiration of the validity period, Radiation reserves the right to modify this proposal or to extend its validity for an additional period of time.

1.4 Basis of Estimates

1.4.1 Labor

Labor estimates are based upon Engineering evaluation of the technical difficulty involved in the development, design, fabrication, and assembly of this system. Previous experience and general similarity to products developed by Radiation were weighed with regard to their applicability to this program.

1.4.2 Material

Material requirements were established on the basis of Design evaluation of this program. The unit cost was established by the Material Department using the basis of estimate shown for each line item, as indicated on the Material Schedules.

1.4.3 Travel

Travel estimates were determined by functional organizations. The proposed rates for travel are furnished by the Radiation Travel Office.

1.5 Combination Costs

Included also is a cost summary for the combination of all feeds if purchased as a single procurement. These costs may be found on Page 2 of Exhibit 1.

1.6 Disclosure Statement

(X)3. CERTIFICATE OF PREVIOUSLY SUBMITTED DISCLOSURE STATEMENT(S)

The offeror hereby certifies that the Disclosure Statement(s) were filed as follows:

Date of Disclosure Statement(s)	Name(s) and Address(es) of Cognizant ACO(s) Where Filed			
26 June 1972	Clark W. Emmons, Administrative Contracting Officer Defense Supply Agency			
	Defense Contract Administrative Services District, Orlando			
	3555 Maguire Boulevard			
	Orlando, Florida 32803			

The offeror further certifies that practices used in estimating costs in pricing this proposal are consistent with the cost accounting practices in the Disclosure Statement(s).

1.7 Cognizant Government Agencies

Resident Auditor

The Defense Contract Audit Agency (DCAA) maintains an audit staff at the Radiation home office facility.

Address:

Radiation Resident Office
Defense Contract Audit Agency
c/o Radiation
P. O. Box 1510
Melbourne, Florida 32901

Defense Contract Administrative Services

Radiation is under the cognizance of the Defense Contract Administrative Services District, Orlando, Florida.

Address:

Defense Supply Agency
Defense Contract Administrative Services District, Orlando
3555 Maguire Blvd.
Orlando, Florida 32803

Attention: Mr. C. W. Emmons, DCRA-DOCC Administrative Contracting Officer

SECTION 2.0
PROGRAM SCHEDULE

PROGRAM SCHEDULE

	MONTHS	<u> </u>	I		<u> </u>	Γ				
TASK		1	2	3	4	5	6	7	8	9
1.	DESIGN BASIC HORN	·								
2.	DESIGN FREQUENCY SEN- SITIVE PLATE (FSP)									
3.	DESIGN ORTHOGONAL PLZN TRANSDUCER (LINEAR)									
4.	DSGN ORTHOGONAL PLZN TRANSDUCER (CP)									
5.	FABRICATE HORNS FOR DUAL FREQUENCY ANTENNA									
6.	FABRICATE FSP									
7.	TEST HORNS					ļ				
8.	TEST FSP									
9.	DESIGN REVISION AND RETEST									
10.	ASSEMBLE DUAL FREQUENCY FEED									
11.	TEST DUAL FREQUENCY FEED									
12.	FABRICATE PROTOTYPE FEEDS									
13.	FINAL TESTS									
14.	PREPARE ENGRG DRAWINGS									
15.	PREPARE REPORTS			-	_					
16.	WRITE FINAL REPORT							-		

SECTION 3.0

COST SUMMARIES

Exhibit	1	
Sheet 1	of	2

COST SUMMARY Items Purchased Separately

	COST ELEMENTS	Short Horn Feed Item 1	Long Horn Feed Item 2	Dual Fre- quency Feed Item 3	Reference
•	a. PURCHASED PARTS ⁵	\$13,476	\$ 490	\$ 1,517	Schedule A
ERIAL"	b. SUBCONTRACTED ITEMS	1,700		1,230	Schedule B
MAT	(1) RAW MATERIAL 7				
DIRECT	(2) STANDARD W W COMMERCIAL ITEMS ⁸				
-	(3) INTERDIVISIONAL TRANS- FERS (at other than coet)9				
2.	MATERIAL OVERHEAD10				
3.	INTERDIVISIONAL TRANSFERS AT COST ¹¹				
4.	DIRECT ENGINEERING LABOR 12	19,540	15,082	20,477	Schedule C
5.	ENGINEERING OVERHEAD10	26,379	20,361	27,644	Schedule C
6.	DIRECT MANUFACTURING LABOR 12				
7.	MANUFACTURING OVERHEAD ¹⁰				
8.	OTHER COSTS ¹³	332	332	332	Schedule D
9.	SUBTOTALS	\$61,427	\$36,265	\$51,200	
10	. GENERAL AND ADMINISTRATIVE EXPENSES ¹⁰	6,573	3,880	5,478	Section 5.4
11.	. ROYALTIES!4				
12,	. FEDERAL EXCISE TAX ¹⁵				
13. SUBTOTALS		\$68,000	\$40,145	\$56,678	
14.	. PROFIT OR FEE	6,800	4,015	5,668	
15	. TOTAL PRICE (Amount)	\$74,800	\$44,160	\$62,346	

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COST SUMMARY All Items Purchased as Single Procurement

	COST ELEMENTS	Combination Items 1,2,&3		Reference
₩.	a. PURCHASED PARTS ⁵	\$ 14,618		Schedule A
ERIAL	b. SUBCONTRACTED ITEMS	2,930		Schedule B
MA	(1) RAW MATERIAL ⁷			
1. DIRECT MATERIAL	(2) STANDARD COMMERCIAL ITEMS ⁸ (3) INTERDIVISIONAL TRANS-			
ءَ	(3) INTERDIVISIONAL TRANS-			
2.	MATERIAL OVERHEAD10			
3.	INTERDIVISIONAL TRANSFERS AT COST ¹¹			
4.	DIRECT ENGINEERING LABOR12	52,013		Schedule C
5.	ENGINEERING OVERHEAD ¹⁰	70,218		Schedule C
6.	DIRECT MANUFACTURING LABOR12			
7.	MANUFACTURING OVERHEAD10			
8.	OTHER COSTS ¹³	664		Schedule D
9.	SUBTOTALS	\$140,443		
10	. GENERAL AND ADMINISTRATIVE EXPENSES 10	15,027	·	Section 5.4
11	. ROYALTIES!4			
12	. FEDERAL EXCISE TAX15			
13). SUBTOTALS	\$155,470		
14	, PROFIT OR FEE	15,547		
15	i. TOTAL PRICE (Amount)	\$171,017		

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SECTION 4.0

DETAILED COST DATA

ltem	#	1	
ltem	Title	Short Horn Feed	

PART NUMBER	DESCRIPTION	QTY.	UNIT COST	TOTAL COST	VENDOR	BASIS OF ES
	Honeycone, .40 thick, .03 alu.skin – 46" x 96"		\$200.00	\$ 7,000		EE
	Lens Material		.212.00	5,088	Cadillac Plastics	CAT
*	Aluminum, .190 thick, 60 x 144	644 lbs	.60	386	Jenks	BE
	Aluminum, .190 thick, 60 x 120	268 lbs		161	Jenks	BE
WR-187	Waveguide	4 ft.	3.36/ ft.	13	Pacific Ordnance	CA.
WR-187	Flanges	3	15.00	45		EE
WR-187	Bends	1	10.00	10		EE
	Miscellaneous Hardware Fiberglass & Styrofoam			773		<u>E</u> E
	TOTAL ITEM 1 MATERIA	·		\$13,476		
		····				
						_

ltem	#	2	
Item	Title	·	Long Horn Feed

PART NUMBER	DESCRIPTION	QTY.	UNIT COST	TOTAL COST	VENDOR	BASIS OF ES
WR - 42	Waveguide	8 ft.	\$2.00/ft.	\$ 16		EE
UG 598/U	Flange	3	5.00	15		EE
	Brass, .032 thick,12" Wide Coiled Sheet	130 ft.			Jenks	BE
	Solder, .003 Preformed	1,200	.10	120	Somo	EE
	Miscellaneous Hardware, Fiberglass & Styrofoam			186		EE
**************************************					***************************************	
	TOTAL ITEM 2 MATERIA	L		\$490		
	ļ					

ltem	#	3
ltem	Title	Dual Frequency Feed

PART NUMBER	DESCRIPTION	QTY.	UNIT COST	TOTAL	VENDOR	BASIS OF EST
	Brass, .064 thick Coiled Sheet, 12" Wide		\$ 2.22/f1		Jenks	BE
**************************************	Solder, .006 Preformed	900	.10	90		EE
	Aluminum, .190 thick 60 x 144	644 lbs		386	Jenks	BE
	Aluminum, .190 thick 60 x 120	268 lbs	60	161	Jenks	BE
WR-187	Waveguide	4 ft.	3.36/ft	. 13	Pacific Ordnance	CAT
WR-187	Flanges	3	15.00	45		EE
WR-187	Bends	1	10.00	10		EE
	Miscellaneous Hardware, Fiberglass & Styrofoam			435		EE
	TOTAL ITEM 3 MATERIA	L		\$1,517		
		<u>.</u>				
-						
		- A. Well				
- Al-Maria de Caracteria de Ca						

Schedu	le	Α	
Sheet	4	of	4

ltem	#	1, 2, and 3	_	
	Title_	Combination		

PART NUMBER	DESCRIPTION	QTY.	UNIT COST	TOTAL COST	VENDOR	BASIS OF ES
TAKE TYOMBEK	Honeycone, .40 thick, .03 alum.skin-46" x 96"	35	\$200.00	\$ 7,000		EE
					Cadilla a Plantino	CA.
	Aluminum, .190 thick		. 212.00	5,088	Cadillac Plastics	
	60 x 144 Aluminum, .190 thick	644 lbs		386	Jenks	BE
	60 x 120	268 lbs	2.00/	161	Jenks	BE
WR-42	Waveguide	8 ft.	ft.	16		EE
UG 598/U	Flange Brass, .032 thick,	3	5.00 1.18/	15		EE
	Brass, .064 thick,		ft. 2.22/	153	Jenks	BE
	Coiled Sheet, 12" Wide		ft.	377 120	Jenks	BE EE
	Solder, .003 Preformed	900	.10	90		EE
	Solder, .006 Preformed Miscellaneous Hardware Fiberglass & Styrofoam		.10	1,212		EE
	Tibergiass a styletoam					
	TOTAL MATERIAL ALL	HREE FE	EDS	\$14,618		

Schedule B
Sheet 1 of 3

SUBCONTRACTED ITEMS

Item No.	. 1	ltem Ti	itle	Short Horn Feed	and the second second second second
					COST
	Machine Lens				\$1,200
	Tooling Lens				500
	Based on Eng	ineering	; Estimate	es	
	TOTAL ITEM 1 S	UBCONT	TRACTED	ITEMS	\$1 <i>,7</i> 00

Schedule B Sheet 2 of 3

SUBCONTRACTED ITEMS

Item No. 3	Item Title <u>Dual Frequency Feed</u>	
		COST
Stamping Metal Blanks, 6	5", 300 @ \$.20 each =	\$ 60
Stamping Metal Blanks, 5	5", 300 @ \$.20 each =	60
Stamping Metal Blanks, 4	1", 300 @ \$.20 each =	60
Tooling for 3 dies	@ \$350 each =	1,050
Based on	Engineering Estimates	
	TOTAL ITEM 3 SUBCONTRACTED ITEMS	\$1,230

Schedule B Sheet 3 of 3

SUBCONTRACTED ITEMS

Item No. 1, 2, and 3 Item Title Combinations	
	COST
Machine Lens =	\$1,200
Tooling Lens =	500
Stamping Metal Blanks, 6", 300 @ \$.20 each =	60
Stamping Metal Blanks, 5", 300 @ \$.20 each =	60
Stamping Metal Blanks, 4", 300 @ \$.20 each =	60
Tooling for 3 dies @ \$350 each =	1,050
Based on Engineering Estimates	
TOTAL SUBCONTRACTED ITEMS ALL THREE FEEDS	\$2,930

				•		Task Descr	ription and	l Manhours	3		7
DIRECT LABOR AND C		/		/		/ %					7
Item No1		Osige Asse	Johns Aono do mos Osio.	sø /	See To and Botton F.	Soco /					
Item Title Short Horn	Feed	_									
				/ &	\ \&\ \&\ \&\ \&\ \&\ \&\ \&\ \&\ \&\ \	\ iou			/ /		
	/	\ 48 \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \					/	′ /		Schedule	С
	 /	on it	~ ⁸ /	مِنْ ﴿ وَمِنْ	50	Zo.				Schedule _ Page _ 2	-6
		5 / 5		Fobrice Change		tuouosouh u.				rage 2	. 6
	/ ~		/ 0						Total	Hourly	
Labor Category	(9)	(10)	(11)	(12)	(13)	(14)	(15)	(16)	Hours	Rates	Cost
Principal Engineer			12	\\\	140	1	· · · · · · · · · · · · · · · · · · ·		214	\$9.14	\$ 1,956
Senior Engineer	20	16	20	24				 	656	6.88	4,513
Engineer							<u> </u>	· · · · · · · · · · · · · · · · · · ·			
Senior Technician									722	4.61	3,328
Technician							<u> </u>		346	3.20	1,107
Group Leader											
Senior Assembler							<u> </u>				
Assembler				-			1			1	
Project Planner			10		120				185	5.13	949
Project Clerk			10		120			 	174	2.98	519
Machinist	24			40					409	5.04	2,061
Sheet Metal	40			8			<u> </u>		362	4.92	1,781
Maintenance						 					
Draftsman	16	24			20				284	3.78	1,074
Design Draftsman	16	16			20				268	5.91	1,584
Technical Writer	· · ·									1	7.7.
Documentation Spec.					60				60	5.07	304
Documentation Clerk											
!nspector											
E/M Inspector	7			3					64	4.37	280
Quality Specialist	1								13	6.45	84
Total Hours	124	56	52	<i>7</i> 5	480				3,757		
	L		·	<u> </u>	1	L	<u> </u>	I		ect Labor	\$19,540
									Overhead		26,379
										ect Labor	
									And Ove		\$45,919

	-					Task Descr	iption and	Manhours			7
DIRECT LABOR AND C	VERHEAD		/		/		7	/	/ /	/	
Item No. 3											
Item Title Dual Frequen	cy Feed	_ /		\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.\.							
		/ £ /	/ ,	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	/ 2	/ ,	/ ,	/ ,	/ 、 /		
	/	, , , , , , , , , , , , , , , , , , ,	_ /		** /	\ \text{S} \ \ \			486	Schedule_	<u>C</u>
		Sosion E.		Fabrica (1. p.) 6/2	Sept.	25 30 E E E E E E E E E E E E E E E E E E			Japan	Schedule _ Page _4	of <u>6</u>
		/ /							_/ Total	Hourly	
Labor Category	(1)	(2) 20	(3)	(4)	(5)	(6)	(7)	(8)	Hours	Rates	Cost
Principal Engineer	20	20	30	24	6		<u> </u>		Λ		
Senior Engineer	174	160	60	188	16	40	60	50			
Engineer											
Senior Technician				24	48	130	80	60			
Technician				8	32				$\perp \perp \perp$		
Group Leader											
Senior Assembler											
Assembler											
Project Planner		10		57	4					1	
Project Clerk		10		46	4					Λ	
Machinist				745	8						
Sheet Metal				164							
Maintenance											
Draftsman	80	88	80								
Design Draftsman	120	24	120								
Technical Writer											
Documentation Spec.											
Documentation Clerk											\
Inspector											
E/M Inspector			-	76	6			4			
Quality Specialist				17	1						
Total Hours	394	312	290	1,349	125	170	140	114			
10.0.1100.0	I 		<u> </u>						Total Dir	ect Labor	
									Overhead	J @	
									Total Dir	ect Labor	\
									And Ov	erhead	

And Overhead

\$48,121

						Task Descr	iption and	Manhours	<u> </u>		7
DIRECT LABOR AND C	OVERHEAD) /		/	/		1	/	/ /	/	
Item No. <u>1, 2, and 3</u>											
Item Title Combination	on	-/			14						
		/ /	/	/		/ /	/ /	/ /	/ /	, 	_
					to /					Schedule _	<u> </u>
				200	Monogenen,					Schedule _ Page6_	of <u>6</u>
									Total	Hourly	
Labor Category	(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	Hours	Rates	Cost
Principal Engineer	156	68	30	300					554	\$9.14	\$ 5,064
Senior Engineer	1,108	580	360						2,048	6.88	14,090
Engineer											
Senior Technician	26	604	880						1,510	4.61	6,961
Technician	16	410							426	3.20	1,363
Group Leader											
Senior Assembler											
Assembler										<u> </u>	
Project Planner	30	148		300					478	5.13	2,452
Project Clerk	35	130		300					465	2.98	1,386
Machinist		1,860							1,860	5.04	9,374
Sheet Metal		558							558	4.92	2,745
Maintenance											
Draftsman	632			40					672	3.78	2,540
Design Draftsman	656			40					696	5.91	4,113
Technical Writer								<u> </u>			
Documentation Spec.				150					150	5.07	761
Documentation Clerk											
!nspector											
E/M Inspector		200							200	4.37	874
Quality Specialist		45							45	6.45	290
Total Hours	2,659	4,603	1,270	1,130					9,662	1	
										ect Labor	\$ 52,013
										0135%	70,218
										ect Labor	¢100 001
							and the second section and the second section is the second section of the second section of the		And Ov	erhead	\$122,231

SCHEDULE D
SHEET 1 OF 4

1 Short Horn Feed LIVING EXPENSE CAR RENTAL TOTAL NO. NO. TOTAL RATE TOTAL NO RATE TRAVEL &
MAN PER AMOUNT LIVING
DAYS DAY DESCRIPTION NO. CAR DAYS RATE PER AMOUNT DAY TRAVEL & OF PER TRANS OF NO. PURPOSE OF TRIP PERS.TRIPS M/T'S TRIP | COST FROM \$38 2 \$25 \$50 \$332 Charlottesville, Va. Customer Liaison 2 \$122 \$244 \$19 Melbourne, Fla. \$282 \$224 \$38 TOTAL TRANSPORTATION \$50 50 TOTAL SUBSISTENCE \$332 TOTAL TRAVEL (TRANSPORTATION + SUBSISTENCE)

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SCHEDULE D

SHEET 2 OF 4

TITLE Long Horn Feed ITEM..... LIVING EXPENSE CAR RENTAL NO. TOTAL RATE TOTAL NO. TOTAL DESCRIPTION NO. RATE CAR PER AMOUNT DAYS DAY NO. RATE
MAN PER AMOUNT LIVING
DAYS DAY PURPOSE OF TRIP OF PER TRANS TRAVEL & OF NO. PERS TRIPS M T'S TRIP COST FROM ΤО Charlottesville, Va. Customer Liaison Melbourne, Fla. 2 2 \$122 \$244 \$19 | \$38 2 \$25 \$50 \$332 \$244 \$282 TOTAL TRANSPORTATION \$38 TOTAL SUBSISTENCE \$50 50 TOTAL TRAVEL (TRANSPORTATION + SUBSISTENCE) \$332 R-789 (APR 71)

SCHEDULE D

SHEET 3 OF 4

Dual Frequency Feed _____ TITLE ____ ITEM_____ CAR RENTAL LIVING EXPENSE TOTAL RATE TOTAL TOTAL NO. NO. DESCRIPTION RATE PER AMOUNT MAN PER AMOUNT LIVING DAYS DAY NO. CAR DAYS TRAVEL & 0F OF NO. PER TRANS PURPOSE OF TRIP COST PERS TRIPS MET'S TRIP то FROM Charlottesville, Va. Customer Liaison 2 \$19 \$38 2 \$25 \$50 \$332 2 \$122 \$244 Melbourne, Fla. \$282 \$244 \$38 TOTAL TRANSPORTATION 50 TOTAL SUBSISTENCE \$50 \$332 TOTAL TRAVEL (TRANSPORTATION : SUBSISTENCE)

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SCHEDULE D
SHEET 4 OF 4

1, 2, and 3 Combination ______ TITLE _____ CAR RENTAL LIVING EXPENSE TOTAL NO. NO. TOTAL RATE TOTAL TRANS RATE PER AMOUNT DAY DESCRIPTION NO. CAR DAYS NO. RATE MAN PER AMOUNT DAYS DAY TRAVEL & 0F PER OF NO. PURPOSE OF TRIP LIVING PERS TRIPS M/T'S TRIP COST ΤО FROM 2 \$25 | \$100 \$664 Charlottesville, Va. Customer Liaison 2 4 \$122 \$488 \$19 \$76 Melbourne, Fla. \$564 TOTAL TRANSPORTATION \$488 \$76 + 100 TOTAL SUBSISTENCE \$100 \$664 TOTAL TRAVEL (TRANSPORTATION + SUBSISTENCE) R-789 (APR 71)

SECTION 5.0 SUPPORTING FINANCIAL INFORMATION

5.0

5.1 Direct Labor Rates

Radiation Division proposal labor rates are determined by taking the actual average direct labor rates by labor category as of 1 April 1972, projecting a 1% increase per quarter to account for normal salary adjustments, and incorporating these various rates into a "Radiation Division Proposal Bid Rates" table. This table is submitted to, reviewed by, and on file with the Resident DCAA Auditor.

Rate table selection is based upon the estimated midpoint of manhours expended.

Direct Labor Rates

Category of Labor	Bid Rates
Principal Engineer	\$9.14
Senior Engineer	6.88
Senior Technician	4.61
Technician	3.20
Project Planner	5.13
Project Clerk	2.98
Machinist	5.04
Sheet Metal	4.92
Draftsman	3 <i>.7</i> 8
Design Draftsman	5 .91
Documentation Specialist	5 .0 7
E/M Inspector	4.37
Quality Specialist	6.45

Midpoint	of effort:	January	1973		
Period of	performance	e: October	1972 throug	h July 1973	



SYSTEMS DIVISION

P. O. Box 37 • Melbourne, Florida 32901 • Phone (305) 727 4000

18 May 1972

Defense Contract Audit Agency Radiation Incorporated P.O. Box 1510 Melbourne, Florida 32901

Attention: Mr. R. L. Hess, Resident Auditor

Subject:

Labor Bid Rates

Gentlemen:

Attached are revised labor bid rates, effective 18 May 1972, for:

- 1. Systems Division (excluding Miami and Riverdale)
- 2. Miami

Your concurrence that these bid rates represent a reasonable projection of the labor rates for the categories listed for the period indicated is requested.

Sincerely yours,

A. F. Parrish, Manager

Audit Liaison

AFP/sf

Attachments

CONCUR:

Date

5.3 Overhead Burden Rate

Radiation has only one burden pool — a direct labor burden. This pool consists of accounts used to record salaries and wages, fringe benefits, materials, supplies, equipment, utilities, services and other expense of a general nature which cannot readily be associated with specific contracts or identified with end items of production. The pool is broken down into major accounts which consist of various subaccounts. The details of these subaccounts have been provided to the Resident DCAA Auditor.

The formula for the calculation of the overhead rate is:

The overhead rates proposed for FY72 are submitted to and reviewed by the Resident DCAA Auditor. Rates used for years beyond FY72 are based on the FY72 projection with anticipated reduction until such time that approved financial plans are available which warrant a revised projection. The overhead rates used in this proposal are as follows:

Fiscal Year	Radiation Division
1973	135%

5.4 General and Administrative Rate

G & A expenses are accumulated in a separate account pool.

Corporate G & A expenses are accumulated for the Corporation as a whole, and are allocated to the Divisions.

A detailed Chart of Accounts is maintained in the Resident DCAA Office. The rates proposed for FY72 are submitted to and reviewed by the Resident DCAA Auditor. Rates used for years beyond FY72 are the same until such time that approved financial plans are available which warrant a revised projection. The G & A rates used in this proposal are as follows:

Fiscal Year	Radiation Division
1973	10.7%



DEFENSE SUPPLY AGENCY

DEFENSE CONTRACT ADMINISTRATION SERVICES DISTRICT, ORLANDO 3555 MAGUIRE BOULEVARD - ORLANDO, FLORIDA 32803

8 July 1971

SUBJECT: Forward Pricing Rates - Fiscal Year 1972

Radiation, Inc.

ATTN: Mr. J. C. Hunt, Director of Operation Analysis

P. O. Box 37

Melbourne, FL 32901

Gentlemen:

Reference is made to our discussion held on 15 June 1971 and to your letter, subject as above, dated 16 June 1971.

Pending processing of a formal forward pricing agreement the following rates will be recognized for Systems Division (Melbourne Only) for forward pricing and Progress Payment Requests for Fiscal Year 1972 and beyond:

Overhead 135.0% G&A 10.7%

In arriving at the above rates both parties acknowledge a reduction from prior years experience for bid and proposal and IRAD effort. Acceptance of the above rates is not to be construed as a precedent in, nor relief to the contractor from his responsibilities for, negotiation under public law 91-441. However, unless otherwise terminated, the above rates will apply until negotiations are completed with your company under public law 91-441.

4. The above may be amended or cancelled by written notification of either party.

Sincerely,

CLARK W. EMMONS Contracting Officer

Copy furnished: DCAA/Mr. Hess