



NATIONAL RADIO ASTRONOMY OBSERVATORY

EDGEMONT ROAD CHARLOTTESVILLE, VIRGINIA 22901
TELEPHONE 804 296 0211 TWX 510 587 5482

Change Order No. : 1
Prime Contract No. : NSF AST 79-08925
Subcontract No. : AUI-200
Date : May 5, 1982
Page : 1

Mr. John M. Arrington
Central Fabricators, Inc.
P. O. Box 10515
Lynchburg, Virginia 24506

12 METER MILLIMETER WAVE TELESCOPE
MEMO No. 158

Subject: Subcontract AUI-200
Change Order #1

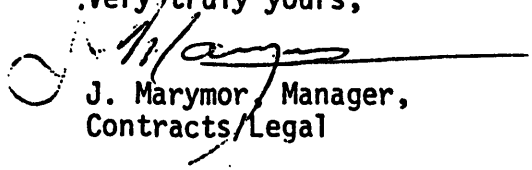
Reference: CenFab letter of April 27, 1982 -
John M. Arrington, Jr. to J. Marymor

Dear Mr. Arrington:

This Change Order #1 to Subcontract AUI-200 is issued to increase the subcontract price by \$2,374 to cover labor and materials due to drawing errors and increases in materials and labor outside of the scope of the original contract. Details of the increased material and labor costs are attached hereto, made a part hereof, and marked "Exhibit A".

The subcontract price is increased by \$2,374, from \$71,145 to \$73,519. Enclosed please find four copies of this change order. We would appreciate your returning three signed copies to us and retaining one copy for your records.

Very truly yours,


J. Marymor, Manager,
Contracts/Legal

JM/lc

Enclosures

- cc: B. Horne
- H. Hvatum
- L. King
- B. Peery

Acknowledged and Accepted:

CENTRAL FABRICATORS, INC.

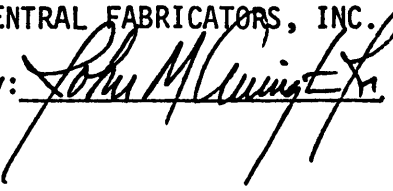
By:  Title: VICE-PRES. SALES Date: 5/6/82

EXHIBIT A

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
Hub	Labor & mat'ls. req'd. to re-fabricate parts # 59 & #60 due to dwg. error	
	Labor =	18.00
	Mat'ls. =	9.00
	Sub-Total =	<u>27.00</u>
Hub	Labor req'd. to fill four gaps at part #75 due to dwg. error	
	Labor =	18.00
	Sub-Total =	<u>18.00</u>
Hub	Labor req'd. to fill six gaps at parts #81 & #82 due to dwg. error	
	Labor =	27.00
	Sub-Total =	<u>27.00</u>
Hub	Labor req'd. to re-layout sixteen brackets at details #6 & #8 due to dwg. layout error	
	Labor =	122.00
	Sub-Total =	<u>122.00</u>
Inner-Ring	Replacement of items #56, #57, & #59 due to dwg. error	
	Labor =	54.00
	Mat'ls. =	159.00
	Sub-Total =	<u>213.00</u>
Inner-Ring	Replacement of items #43, #49, & #98 due to dwg. error	
	Labor =	54.00
	Mat'ls. =	92.00
	Sub-Total =	<u>146.00</u>
Inner-Ring	Labor & mat'ls. req'd. to re-fabricate items #17 & #19 due to dwg. error (error discovered after installation)	
	Labor =	216.00
	Mat'ls. =	25.00
	Sub-Total =	<u>241.00</u>
Inner-Ring	Labor & mat'l. req'd. to re-fabricate item #37 due to dwg. error	
	Labor =	144.00
	Mat'ls. =	81.00
	Sub-Total =	<u>225.00</u>
Inner-Ring	Labor & mat'l req'd. to re-fabricate items #52 & #53 due to dwg. error	
	Labor =	144.00
	Mat'ls. =	73.00
	Sub-Total =	<u>217.00</u>

<u>SECTION</u>	<u>DESCRIPTION</u>	<u>AMOUNT</u>
Outer-Ring	Replacement of items #46 & #53 due to dwg. error	
	Labor =	36.00
	Mat'ls. =	49.00
	Sub-Total =	<u>85.00</u>
Outer-Ring	Purchase of additional items #66, #67, #68, #69, & #84 due to dwg. qty. error	
	Labor =	36.00
	Mat'ls. =	86.00
	Sub-Total =	<u>122.00</u>
Outer-Ring	Labor & mat'ls. loss'd due to incorrect dwg. information on outer-ring	
	Labor =	656.00
	Mat'ls. =	23.00
	Sub-Total =	<u>679.00</u>
Outer-Ring	Labor required to re-fabricate item #28 due to dwg. error	
	Labor =	45.00
	Sub-Total =	<u>45.00</u>
Apex	Labor & mat'ls. req'd. to re-fabricate four plates due to dwg. layout error	
	Labor =	36.00
	Mat'ls. =	15.00
	Sub-Total =	<u>51.00</u>
Hub	Labor required to cut sixteen handholes in hub halves	
	Labor =	116.00
	Sub-Total =	<u>116.00</u>
All	Additional cost for galvanizing hard- ware	
	Mat'ls. =	40.00
	Sub-Total =	<u>40.00</u>
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	Grand Total =	\$2,374.00