

This document consists of/ uges, No. 2 of 7 copies, Series A OH Y

W. S. Kelley, Manager, New York Operations Office

April 1, 1952

S. C. Sargent, Area Manager, Cleveland Area Office

CONTRACT PROPOSAL OF AMARD - MARSHAW CHENICAL CONTRACT W-7405 ENG-276 - PROPOSAL FOR SUPPLEMENTAL AGREEMENT HO. 68 AND FOR AMERICAENT NO. 14 TO THE SECRET LETTER REFERED TO IN THIS Ing 276 CONTRACT.

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ATTENTION: V. C. DUNCOMES

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> During the quarter which began January 1, 1952, the sole product being manufactured by the Harshaw Chemical Company under subject contract was uranium triaxide (CR-15). The menufacture of this product will continue through the quarter beginning April 1, 1952.

> Supplemental Agreement He. 67 and the attendant secret lotter modification No. 15 covered Marshaw production of CR-18 for the months of February and March, 1952. For reasons given in the Contract Proposal of Award dated February 15, 1952, the prices established for February and Morch were provisional only. Supplemental Agreement No. 67 included a provision for the adjustment of February and March prices on or before March 10, 1952. Thus the negotiation which was held March 7, 1952, included and the requested Supplemental Agreement No. 08 should include the followings

1. An agreement for a firm February CR-15 unit price.

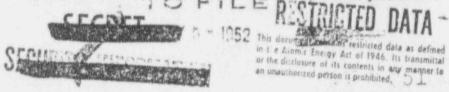
- 2. An agreement for a firm March CR-16 unit price.
- 5. An agreement for a firm CR-15 unit price for the quarter beginning April 1, 1952.

The Harsham operating contract provides for unit price reinbursement for products. The principal bases for projecting the final unit prices of CR-18 for February, March, and the April guarter were the experienced costs of November, December, and January. Although the February ezperienced costs were not available at the time of the negotiation, cost trends indicated by this month's experience were taken into consideration during the negotiation.

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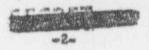
in t e Alom's Energy Act of 1946. Its transmittal or the disclosure of its contents in any manner to an unauthorized person is prohibited, ") _L

Our letters to Dr. W. D. Stillwell dated February 5 and February 6, as supplemented by our letters dated February 12 and February 29, provided Hershaw with the feed schedules and proposed production rates upon which they could base their projected costs, In these letters, we requested



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S. C. Sargent

CONTRACT PROPOSAL OF AWARD - HARSHAW CHEMICAL COMPANY CONTRACT N-7408 EHG-276 - PROPOSAL FOR CUPPLEMENTAL AGREMENT NO. 38 AND POR AMENUMENT NO. 14 TO THE CECRET LETTER REFERED TO IN THIS CONTRACT.

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ATTENTION: V. C. JINCOLDE

their experienced costs for the months of Movember, December, and January as well as their projected CR-15 costs for February, March, and the quarter beginning April 1, 1952. The experienced costs were supplied by Harshaw in letters dated February 11 and February 13. The Movember and December experienced costs included these incurred in R7-10 production as well as these incurred in CR-15 production. The January experienced costs, however, represented only the CR-15 production experience since RX-10 production terminated during December, 1951. Marshaw's projected costs were submitted in two separate letters both dated February 29, 1952. One letter covered the proposed sliding scale of unit prices for February and a unit price for March. The other letter covered a proposed unit price for April quarter production.

Negotiations were held in the Cleveland Area Office on March 7. Harshaw was represented by N. D. Stillwall and G. R. Fernelius. The Commission representatives were E. C. Forgent, A. N. Neumann, M. P. Pofcher, and C. Milberg. It should be noted that the Harshaw contract requires that an upresent be reached on or before the 20th day prior to the commencement of a quarter. Although we did reach a vorbal agreement within this time limit, the final written agreement comnot be expected until sometime in the future. Harsham, however, has expressed willingness to interpret the verbal negotiations as an agreement.

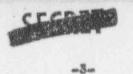
Following are the prices and production rates agreed upon:

Feriod	Production (15)	Unit Frice	Cost		
February	108,149,32	\$.4625	\$ 01, 644.08		
Laroh	200,000 \$ 5%	.4025	97,125.00*		
April Ostr.	180,000 Z 5%/10.	.4975	282,082.50*		

*Cost computed at upper production limit.

It is requested that \$1,65%,327 be written into the proposed supplement. This should provide sufficient funds to cover FY '53 production as well as production for the remainder of FY '52. Following is a breakdown of FY '52 and anticipated FY '53 costs.





H. F. Kelley

April 1, 1952

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E. C. Sorgent

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CONTRACT PROPOSAL OF AMARD - HARSHAW CHEMICAL COMPANY CONTRACT W-7405 ENG-275 - PROPOSAL FOR SUPPLEMENTAL AGREEMENT NO. 68 AND FOR AMENDMENT NO. 14 TO THE SECRET LETTER REFERRED TO IN THIS CONTRACT.

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ATTENTION: V. C. DUNCOVER

roduction Costs FI 157	
1st Quarter	\$ 643,734.70
2nd Quarter	518,424.65
Erd Quarter	281, 524.13
4th Quarter	282,082,50
	\$1,726,166.01
Ctandby	46,400.00
	£1,772,566.01

Balance of funds in Eng-276 = 7/1/61 Less Reserve for stores	\$ 782,940.00 100,000.00
Balance for production Obligated under 3/A 65	3 632,940.00 525,000.00
Obligated under S/A 68	\$1,207,940.00 300,000.00
To be obligated under S/A 60	\$1,507,940.00
	3,155,267.00
FY '62 Expenses Balance 8/30/52	1,772,566. 1,392,700, J9
Probable FY 153 Expenses	
Production	\$1,058,000.00
Standby	32,400.00
	Q1,033,400.00

B. PROPOSED CONTRACTOR

The basis for selecting this contractor and other details were considered in the negotiations of the basic contract.



N. E. Kelley

April 1, 1052

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B. C. Sargant

CONTRACT PROPOSAL OF AWARD - WARSHAW CHEMICAL COMPANY CONTRACT W-7405 ENG-276 - PROPOSAL FOR SUPPLEMENTAL AGREEMENT NO. 58 AND FOR ADENIMENT NO. 14 TO THE SECRET LETTER REFIRED TO IN THIS CONTRACT.

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ATTENTION: V. C. DUNCOMEE

. TRECEIPTICE OF PROPOSED CONTRACT

This is a unit price supplemental agreement and follows a regular procedure for contracting with the Barshaw Chemical Company for production. A unit price form was agreed to in Supplemental Agreement No. 52.

The requested Amendment No. 14 to the secret letter referred to in paragraph 2, Article I of the subject contract, should contain the production rates and corresponding unit prices presented above since these cannot be written into the unclassified contract.

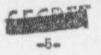
In addition to establishing the unit price agreements, the proposed supplement should provide for a revision of Article XI, Paragraph 17, which will in effect permit Harshaw's vacation period to encompass the entire year instead of the period April 1 through September 30 as the contrast is now written. This change in the Harshaw vacation policy is explained in enclosure 5.

D. PINANCIAL JUSTIFIC ATION

Production Rate	Agreed Jan.	Prov. Peb.	Agreed Peb.	Prov.	Agreed Mar.	April Grtr.
25,000.00	2.5007	2.4198	and for any set of the description.	and the statements	rondropolisationanismole	change and a state state of a
50,000,00	1,3523	1.3032				
75,000,00	.9701	.9311				
100,000.00	.7733	.7450				
125,000.00	. 3340	.6334				
150,000.00	.5874	.6589				
175,000.00	.5328	.5058				
180,000.00	.5246=	.4978*				.4975
198,149.32	.4948*	.4639+	.4625			
200,000.00	.4918	.4889		.4510	.4625	
225,000.00	.4000	. 1349				

*Obtained by interpolation.





W. E. Kelley

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CONTRACT PROPOSAL OF ATARD - HARSHAT CHENICAL COMPANY CONTRACT 7-7405 ENG-276 - FROPOSAL FOR SUPPLEMENTAL AGREEMENT NO. 68 AND FOR AMEMINENT MO. 14 TO THE SECRET LETTER REPERRED TO IN THIS CONTRACT.

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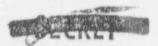
ATTENTION V. C. DUNCOMBE

As can be seen in the above table, the unit prices negotiated for February, March, and the April quarter are all lower than the agreed Jamary quarter unit price (supplemental agreement No. 66) at corresponding production rates. It can also be noted that the agreed February unit price is lower than the provisional February price formerly agreed upon. The agreed March unit price is higher than the provisional unit price entirely because the cost of raw materials was greater under the feed schedule provided prior to the megotiation than it was under the feed schedule provided prior to the megotiation than it was under the feed schedule provided prior to establishment of the provisional March price. The final agreed March unit price was based on a much higher mitric acid consumption which will be necessary to process the much larger quantity of soda salt feed now scheduled for March consumption. The April quarter unit price is higher than that for February and March because of the lower production level which will be maintained.

The provisional unit prices for February were submitted and accepted on a sliding scale basis because February production was still within the start-up period defined in H. D. Fry's letter of acceptance dated May 25, 1951, to N. D. Stillwell, subject, "Marshaw Contract H-7405 Eng-276; Frice Ferrula for Feriod July 1, 1951 thru June 50, 1952". Eeing still within the start-up period, the February production rate was not subject to the Commission's control. At the time of the negotistion, the total actual February production was known; therefore, rather than establish a sliding scale for the firm February unit prices, it was desided that a single firm unit price at the actual production rate would be preferable. The firm unit price was obtained by interpolation taking into consideration these cost elements which vary with production.

The unit selling prices were obtained in the following manner:

- 1. February addition of \$0.134 to the agreed projected unit cost.
- 2. March application of the mark-up (in dollars per month) at the appropriate production level obtained from the table appearing in H. B. Fry's letter, referred to above.





H. E. Folloy

April 1, 1952

2. C. Sargent

CONTRACT PROPOSAL OF AWARD - HARSHAN CHEMICAL COMPANY CONTRACT W-7405 LNG-275 - PROPOSAL FOR SUPPLEMENTAL AGRE WENT NO. 63 AND FOR AMENIMENT NO. 14 TO THE SECRET LETTER RAF RED TO IS THIS CONTRACT.

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ATTENTION: V. C. DUNCOMBE

 April quarter - application of the mark-up (in dollars per month) at the appropriate production level obtained from the table appearing in H. D. Fry's letter, referred to above.

A detailed analysis of experienced and projected costs is tabulated in the appendix.

Direct Costs - CR-15

The experienced, projected, and agreed 'irect costs of CR-15 production for the periods covered by the negotiations are shown in Table I.

As wontioned previously, the projected costs were based primarily upon Movember, December, and January experienced costs. Trinds indicated by Tebruary costs were included in Harshaw's projections for March and the April quarter.

Materials - For February Harsham projected a materials cost per pound of 0.0357. This cost was obtained by adjusting the January emperienced cost for an in-process mitric acid carry-over from boomber to January. The agreed February projection for materials was obtained by interpolating between the costs representing the production levels immediately acove and below the February actual production.

As can be noted, the materials cost per pound projected for March was considerably higher than that projected for January. The March materials cost was higher because approximately 60% of March production will be manufactured from sode salt feed stocks. The total materials cost for production from sode salt is \$.0520 per pound as compared with \$.0387 per pound for product from black oxide feed.

The materials projection for the April quarter of \$.0405 per pound was based on a probable 30% soda salt consumption.

To summarise, the projected materials costs for all three negotiated periods were determined by adjusting the base rate of 9.0357 per pound for the shount of soda salt expected to be consumed.





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W. E. Felloy

April 1, 1952

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E. C. Sargent

CONTRACT PROPOSAL OF AMARD - HARSHAW CHEMICAL COMPANY CONTRACT W-7405 ENU-276 - PROPOSAL FOR SUPPLEMENTAL ADREEMENT NO. 68 AND FOR LLENDAENT NO. 14 TO THE SECRET LETTER REFERRED TO IN T IS CONTRACT.

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ATTENTION: V. C. CUNCOLLE

Labor - Instrument Non - Approximately 70% of the time of a \$375.00 per month employee is included in this projection. Since the employee is a member of the Harshaw research and development department, his calry carries the proviously agreed overhead of 110% giving a total projection of (550.00 for this account. In the provisional projections, the research and development status of this employee was overlooked and the provisional figures were thus projected too low.

The possibility of obtaining a full time instrument man for Flant "C" was discussed in an effort to eliminate the 110% overhead. Since it is doubtful that this amount of instrument time will be necessary beyond the April quarter, it was agreed to accept this projection especially in view of the qualifications of the man in question.

Labor - Overtime Promium - This projection was obtained by applying a factor of 5.301% (based on prior experience) to the direct labor.

Labor - Operating - Operating labor was projected at a base rate of 10,507.00 (the Jamary payroll) with adjustments for the number of days in the respective periods. A 1% pay increase for hourly employees was included in the April quarter projection.

Labor - Supervisory - The January experienced cost of \$1,820.00 was projected for all periods.

Direct Overhead - Repair Labor - The January figure of 22,285.00 covering the probable pay of seven maintenance men was projected for February and Earch. A cost of living adjustment of \$25.00 resulted in the April quarter projection.

Direct Overhead - Repair Esterials - The average repair materials dost of November, December, and January, after adjustment for a stores adjustment charge, mas projected for all periods. The total experience





N. L. Lelley

April 1, 1952

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E. C. Sargent

CONTRACT PROPOSAL OF AWARD - HARSHAN CHEMICAL COMPANY CONTRACT W-7405 ENG-276 - PROPOSAL FOR SUPPLEMENTAL AGREEDINT NO. 68 AND FOR ALEMINENT NO. 14 TO THE GEORET LETTER REFERED TO IN THIS CONTRACT.

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ATTINTION: V. C. DUNCOMBE

for Hovember, December, and Jamary was \$5,817.00, which figure includes a (350.00 stores adjustment for a six month period. Deducting \$350.00 and adding \$175.00 (the probable stores adjustment of the three month period) and dividing by three resulted in the projection of \$1,380.00.

Direct Overhead - Pactory Supplies - Factory supplies was a built-up Figure which was comprised of the following:

Filter Cloths	\$200
Mikro Collector Baga	50
Spencer Collector Bags	250
Miscellancous	200
	\$700

Direct Overhead - Gas - It was pointed out that the January actual experience was high as a result of the mal functioning of one of the plant metors. Correction of this error resulted in a projection of \$460.00 per 200,000 pounds production and a sliding scale was built up and down from this point. As can be noted from Table I, the gas projection of \$460.00 at 200,000 pounds was adjusted to \$457.00 for February's actual production.

A 0.25% rate increase covering the increased cost of the was included in the March projection. It might be noted, at this point, that the cost rate of gas increases as the usage increases. The Plant "C" gas rate depends upon the total quantity consumed by Marshaw's Mervard-Louison plant and Plant "C".

The April projection was obtained by interpolation to 180,000 pounds of product and includes the aforementioned gas rate increase.

Direct Overhead - Electricity - The January experienced cost was projected for all periods. The Sovember and December costs were inapplicable since electricity was being distributed over more than one cost conter during these months.



To B. Folley

April 1, 1952

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L. C. Sargant

CONTRACT PROPOSAL OF AMARD - HARSHAW CHEMICAL CONPANY CONTRACT W-7405 ENG-276 - PROPOSAL FOR SUPPLEMENTAL ADRELMENT NO. 68 AND FOR ANNOLEHT HO. 14 TO THE SECRET LOTTER BEF RRED TO IN THIS CONTRACT.

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ATTINTION: V. C. MUNCOMBE

Direct Overhead - Hater - The average experienced cost of November, December, and January was used for all periods.

Direct (verhead - Coupancy Rental - Rent was projected for all periods on the basis of experience. No change in space having been made.

<u>Liroct Overhead - Stean and Heat</u> - The projected February sliding scale was developed from the January actual experience of \$2,510.00 for 195,500 pounds of production. The agreed February projection was detarmined by interpolation at the actual February production.

The March projection was obtained at the same rate adjusted to allow for the increased production level.

The April projection was based on the same rate with an adjustment of \$100.00 over the three month period for reduction in space heating requirements.

Indirect Costs - Distributed Overhead

Administrative General - The January experienced cost of \$9,735.00 from which was deducted \$680.00 for non-repetitive charges and reduction in payroll charges with less personnel resulted in the February projection of \$9,065.00.

The Earch projection of \$9,210.00 was based on the February projection increased by various payroll charges which followed the increased payroll projection for March.

Merit salary increases totaling \$30.00 per month and incident increases in payroll charges resulted in April projection of \$9,215.00.

Operating Ceneral - The January experience of \$2,255.00 was projocted for all periods.



W. E. Kelloy

April 1, 1952

E. C. Sargent

CONTRACT PROPOSAL OF AMARD - HARSHAW CHEMICAL COMPANY CONTRACT 7-7405 MIG-276 - PROPOSAL FOR SUPPLEMENTAL AGREEMENT NO. 68 AND FOR ANTHEMENT NO. 14 TO THE GEORET LETTLE REPUREED TO IN THE CONTRACT.

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ATTENTION: V. C. DUNCOMBE

Engineering - Salary increases of \$25.00 per mouth increased the engineering projection to \$1,540.00 for February and Barah. Trainces salary increases offective April 1 increased the engineering projection to \$1,580.00 for the April quarter.

Maintenance - The January maintenenus expense of \$2,930.00 less adjustment for a six months small tools write-off of \$1,200.00 resulted in \$1,730.00 to which was added a \$200.00 projection of protable future small tools lesses, resulting in the February projection of \$1,930.00. This same figure was projected for Herch. The March projection was reduced by \$165.00 per month in anticipation of less steam consumption, thereby resulting in a projection of \$1,765.00 for the April quarter.

Laboratory - Several anticipated personnel changes complicated the laboratory projections for the periods covered by the negotiation. The February projection was built-up as follows:

Februa	01,720		
	e overtime (November, December, and wary) at 11.1%	190	
		\$1,910	
Plus	One-half man starting at mid	100	
Projec	Fobruary ted analytical salaries for Fobruary	165	
Plus	Other costs of laboratory experienced		
	in January	1,605	
Less	Non-repetitive equipment (laboratory		
	susplor)	430	
		\$3,200	

The non-salary costs of January appeared to be out of line and a reduction of \$91.00 was agreed upon resulting in the February agreed projoction of \$3,109.00.





W. D. Eelley

April 1, 1952

E. C. Sargent

CONTRACT PROPOSAL OF AWARD - HARSHAW CHEMICAL COMPANY CONTRACT H-7405 ENG-276 - PROPOSAL FOR SUPPLEMENTAL AGREEDENT HO. 68 AND FOR AMENDMENT NO. 14 TO THE SECRET LUTTER REFERED TO IN THIS CONTRACT.

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The March projection was obtained by adding the salary of one-half man who started in the middle of February; the resultant total projection for March was \$8,550.00. Here again, a reduction in non-salary expenses appeared to be in order and the projection was reduced by \$50.00 to the sgreed \$3,510.00.

The April quarter projection was built-up as follows:

2	arch	projected laboratory expense	\$3,360	
F	lusi	Increased pay (base and overtime) of		
		employee added at mid February	75	
F	luss	How man hired as of April 1	375	
		One man separating as of May 1		
		(2/8 of \$420.00)	280	
1	luse	Salary inpresses of trainees (four		
		at \$15.00 per month)	60	
			\$8,590	

This projection was decreased by \$90.00 for non-salary costs resulting in an agreed projection of \$3,500.00.

Health - The January expense of \$1,686.00 included doctor bills at \$420.00 coossioned by the large number of Plant "C" personnel separations. Since a good part of this expense is non-repetitive, only \$270.00 of this emount was projected. Repair labor was reduced by \$55.00 and the other items in the account were reduced by \$50.00 resulting in a February projection of \$1,300.00.

The March projection erroneously contemplated a reduction in the time of Dr. Swanson. Since this reduction was not to take effect until April 1, their projection was corrected from \$1,160.00 to the February projection of \$1,300.00.



W. E. Kelley

April 1, 1952

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E. C. Sargent

CONTRACT PROPOSAL OF AWARD - HARSHAW CHEMICAL COMPANY CONTRACT W-7405 ENG-276 - PROPOSAL FOR SUPPLIMENTAL AGREEMENT NO. 68 AND FOR ALEMIANNY NO. 14 TO THE SECRET LETTLE REFERENCE TO IN THIS CONTRACT.

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ATTENTICA: V. C. DUNCOMBE

Beginning April 1. Dr. Swamson's time will be reduced with a resultant annual salary decrease from \$5,000.00 to \$5,500.00. This amounts to a reduction of approximately \$140.00 per month resulting in an April quarter projection of \$1,160.00.

Sharan

Selety - The Jenuary figure of 75,443.00 was increased to \$3,550.00 since an employee who worked only part time in Jenuary was included at full time for February. However, it was brought out at the negotiation that the projection was in error in the emount of \$310.00 as a result of an over-projection of personnel. This reduction resulted in an agreed projection of \$3,240.00 for February and March. The April quarter projection includes an increase of \$20.00 for cost of living adjustments.

Security - The average of November, December, and January experienced costs increased by a cost of living adjustment, which became effective in January and was not reflected in November and December experienced costs, resulted in a projection of \$5,820.00 for Pebruary after correction for the number of days in the month.

The same base rate was used for the Earch projection, correction for the number of days in the month resulting in projection of 06,220.00.

Payroll increases resulting from the cost of living adjustment increased the April quarter projection by 350,00 to a new total of 96,270,00.

Laterials Haudling - The January experience of \$5,703.00 was reduced by applying the average repair materials cost of November, December, and January to produce the February projection of \$5,860.00. This figure was also projected for March.

The April quarter projection was built-up as follows:



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E. C. Sargent

CONTRACT PROPOSAL OF AMARD - HARSHAN CHEMICAL COMPANY CONTRACT 7-7605 ENG-276 - PROPOSAL FOR SUPPLIMENTAL AGREEMENT HO. 69 AND FOR AMENIMENT NO. 14 TO THE HECRET LETTER REFERRED TO IN THIS CONTRACT.

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ATTENTICI: V. C. DUNCOMBE

Larah	projection	\$5,660	
Lessi	Separation of one man	235	
Plus	Morit increases	50	
Pluss	Cost of living adjustments		
	to hourly payroll	25	
Plues	Projected repairs to hoist (2000 respread over 8 months		
	period)	200	

After some discussion and verification, it was learned that the actual hoist repairs expense will be only \$315.00 or \$105.00 per month. The agreed projection was therefore reduced to \$5,535.00.

Pilot Plant - The 2455.00 projection for all periods is the sum of 2575.00 in salaries plus materials, supplies, and other charges at \$80.00.

E. RECORD OF MEGOTIATIONS

The following correspondence supply information supplemental to this document:

- 1. Letter of accortance dated May 23, 1951, from H. B. Fry to W. D. Stillwell, establishing the price formula for FY '52.
- 2. Letters dated February 5, 1952 and February 6, 1952, from E. C. Sargent to R. P. Stillmell, which respectively established the feed and production schedules for Earch and the April guarter.
- Letter dated February 8 from W. D. Stillwell to E. C. Sargent containing Harshaw's projections for the February and March provisional prices.



W. G. Kelley

April 1, 1052

b. C. Sergent

CONTRACT PROPOSAL OF AMARD - MARSHAW CHEMICAL CONFAMY CONTRACT W-7405 ENG-276 - PROPOSAL FOR SUPPLEMENTAL AGREEMENT NO. 63 AND FOR ADENIMIENT NO. 14 TO THE SECRET LETTER REFERENCE TO IN THIS CONTRACT.

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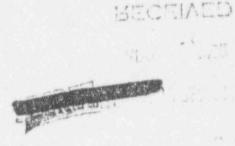
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ATTENTION: V. C. DUNCOMBE

- 4. Letter dated February 11 from G. R. Fernolius to 7. H. Belmore containing the experienced costs of Tormaber and December, 1951.
- 5. Letter dated February 13 from G. R. Fernelius to F. M. Bolmore containing the experienced costs of January, 1952.
- C. Lottor dated February 12 from E. C. Sargent to W. C. Stillwell revising the feed and production schedule letters. (see 2 above).
- 7. Letter dated February 29 from 2. C. Cargent to W. D. Stillwell in which the feed and production schedule for the April quarter was revised.
- 8. Two separate letters each dated February 29 from W. D. Stillwell to E.C. fargent, one containing the projections for February and Earch and the other containing the projections for the April quarter.
- 0. Letter dated March 4 from 5. O. Stillwell to E. C. Sargent which supplied a corrected page 7 to the February projections supplied in a letter dated February 29. (see 3 above).

Fnolosures: 1. Table : I 2. Table : II 5. Harshaw Chemical Company Ltr dtd 2/5/52

Distributions Cys 142 - addresses Cy 5 - F. M. Belmore Cy 4 - J. C. Clarko Cy 5 - F. Chrestia Cys 627 - CLV files



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	Table II	

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This document consists of / pages, No. 6 of 7 copies, Series

Period	November	December	January	Average (NovJan.)		Agreed Nob. & Ner. Provi- sional Pro.		Agreed if			Apr. Ortr Projection	
Production	142,632.00	132,057.00	193,543.00									
Administrative General	13,992,42	12,775.08	9,735.69	12,167,73	9,220	9,220	9,065		9,210		9,215	
Operating General	2,305,42	2,483.61	2,254.46	2,014,50	2,855	2,635	2,255		2,255		2,255	
Engineering	1,720.57	1,632.96	1,514.02	1,623,52	1,650	1,650	1,540		1,540		1,560	
l'aintenance	1,249.62	1,265,60	2,931.15	1,012.12	1,835	1,250	1,930		1,920		1,765	
Laboratory	2,895.31	2,601.95	5,631.87	3,109,04	2,075	3 , 450	3,200	3,109	3,360	3,310	3,590	8,500
Roalth	1,365.00	1,649,47	1,635.65	1,566.71	1,205	1,295	1,300		1,100	1,300	1,160	
Safety	5,625.93	5,065,76	3,443.47	4,710.05	2,805	2,805	3,650	3,240	8,650	5,240	3,570	3,260
Scourity	6,092.84	5,706.82	6,560.97	6,120.04	6,060	0 , 060	6,820	4-	6,220		6,270	
Pilot Plant	692.41	283.90	479,59	503.63	365	365	455		465		455	
Stores	3,908.22	3,904.22	6,702.35	4,505.10	5,355	5,530	5,560		5,650		5,630	5,535
Totals	40,348.74	37,603.86	37,944.72	83,632.44	54,215	34,290	34,775	21,374	35,340	85,120	35,470	34,975

SPECIAL REREVIEW FINAL DETERMINATION UNCLASSIFIED By: Ka Watter 4/28/81 Date: 1ed Danit 555051 4428/81 SECURITY

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FINAL DETERMINATION

SPECIAL REREVIEW

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