APPROVED DIST:
1. Finance Manager W. E. Roush, Denison
2. Div. General Manager N. A. Sells - DHQ
3. HAC c/o S.B. Gillespie
4. Dir. Plt. Eng. M. B. Jamin, GHQ
5. Div. Env. Eng. D. E. Hillier, GHQ
6. Div. Profit Plan E. R. Brady, GHQ
7. V.P. Pur.&Eng. Serv. D. H. Lyons, GHQ

LOCAL: L.I.Richards, H.T.Brode (2), H.F.Lloyd, J. A. Dukes (2), C.G.Stelchek, File: 10.3.11.

Date Prepared: August 30, 1976

APPROPRIATION REQUEST

No. 026-EC-844

"TRANSITE"

LOCATION DENISON DIVISION PIPE DEPT NAME FINISHING DEPT NO. 071

TITLE: A/C DUST WETTING MODIFICATIONS

I. PURPOSE: Provide funds to modify the Finishing dust collector to wet A/C scrap prior to transport to waste dump.

II. PRESENT FACILITIES: Dry A/C scrap from the Finishing dust collector is hauled to the waste dump in closed hoppers. The dry state causes visible dust emissions during transport and disposal. This violates EPA regulations.

III. PROPOSED FACILITIES: A surge hopper, elevator, and screw will be added to the dust collector. Water will be injected in the screw to mix with the A/C scrap. The wet scrap will be hauled to the waste dump in hoppers as is done now. The dust collection and wetting systems will be electrically interlocked in case of system malfunctions.

The system will allow collection of dry scrap for reuse in the pipe machines.

IV. ESTIMATED COST:

Capital Item	Description	Cost	Life (Yrs.)	Account	Systems 1132 Par.#
1.	Material	$ 9,500	10	2415	3.A.1
2.	Installation Labor	7,000		"	"
	Total Capital	$ 16,500			
Expense					
1.	State Tax 5%	$ 475		62000	2.H
	Sub-total	$ 16,975			
	10% Contingency	1,698			
	TOTAL APPROPRIATION	$ 18,673			

V. BENEFITS OR SAVINGS: A/C scrap will be transported without visible emissions, and thus, comply with EPA regulations.

VI. OTHER INVESTMENT: None

VII. DISPOSITION OF PROPERTY: None

VIII. LABOR & UTILITY REQUIREMENTS: 10 Hp

IX. REMARKS:

1. Job Order No. 6785
2. Month 1 2 3
   Capital Commitment $18,150
   Capital Expenditure $18,150
3. Hours for this project were not included in the E & R six-month plan. The Plant Engineer feels sufficient time is available.

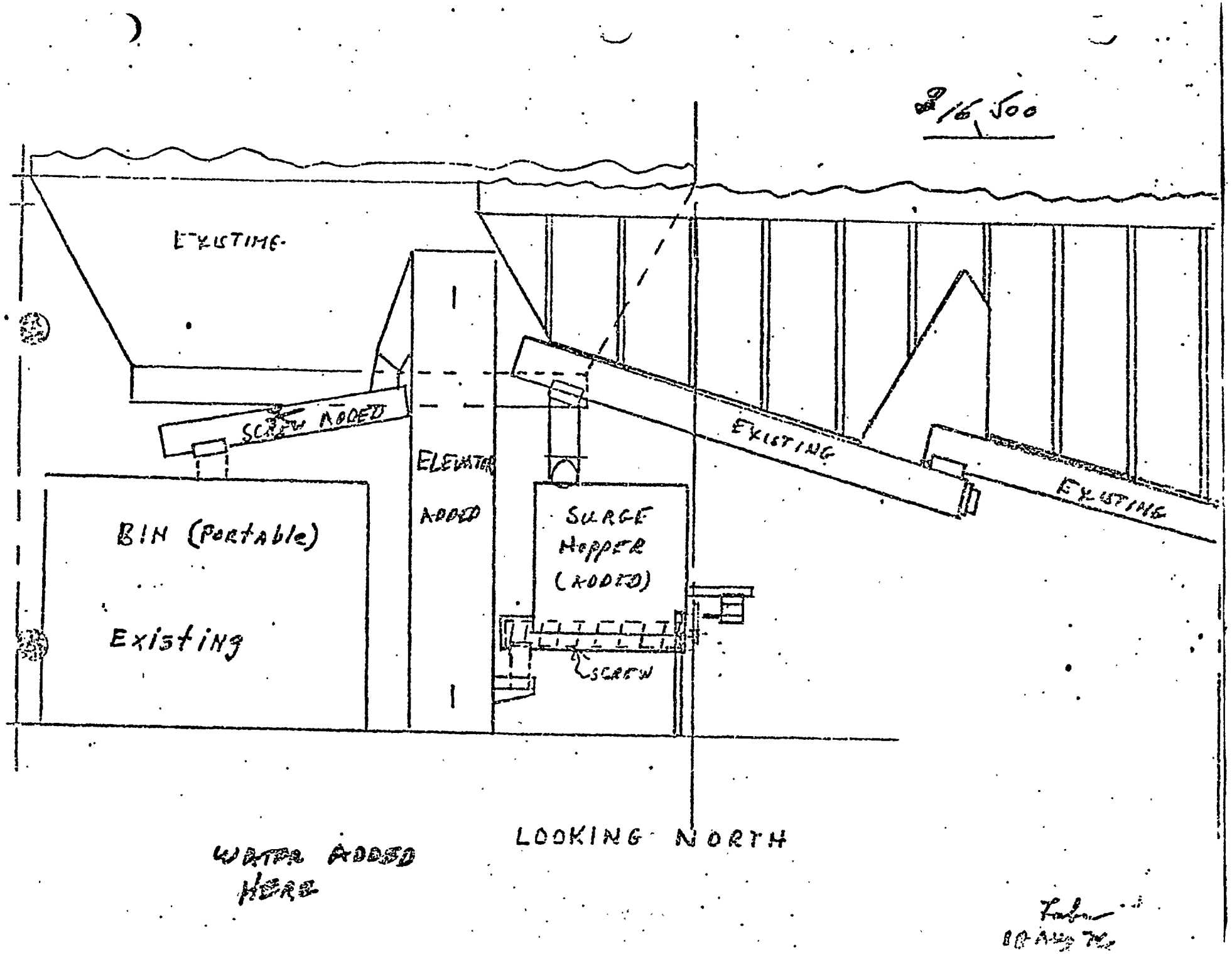
PLAINTIFF'S EXHIBIT JMMC-184

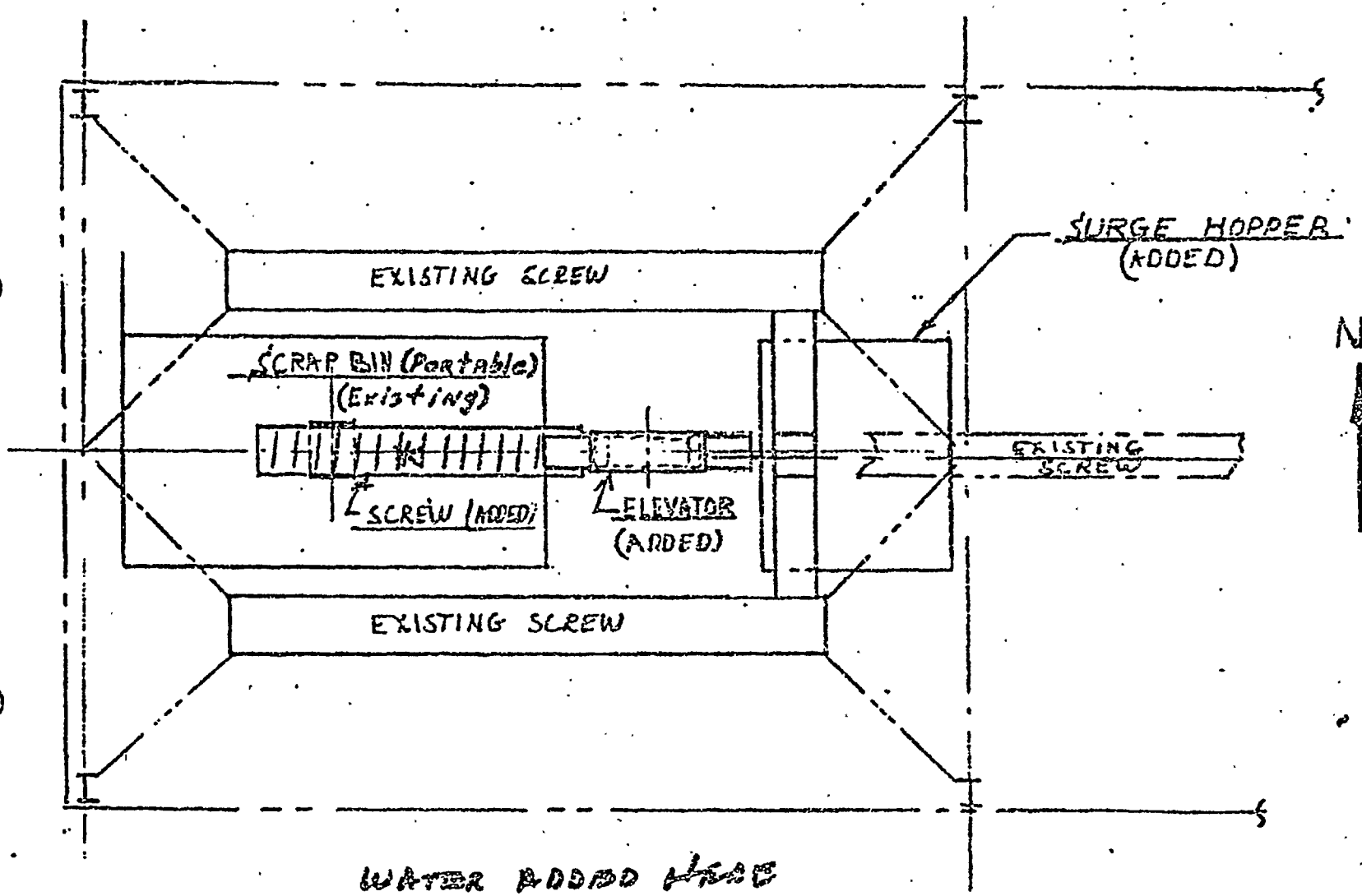
☒ Yes ☐ No. Meet reqmts. of P 331-1, 331-2, 332-1?
☒ Yes ☐ No. On offic. cap. projects list? P 331-3
☐ Yes ☒ No. RETIREMENT PROPOSAL attached?
Assigned to H. T. Brode, Plt. Engr.
Time to complete 3 months
Coordinator J.T. Armstrong
Approval authorizes exped. of $18,673

☐ Yes ☒ No BUDGET ADDITION requested for expense portion?
Major acctg. classif. ____
Initials ____ Amount ____
FINANCIAL ANALYSIS/CERTIFICATION:
% Return DCF ____ By ____
☐ Yes ☐ No. Analysis attached? Date ____
☐ Yes ☐ No. Corp. Finance OK? ☐ Not amenable to FA

REFER TO SYSTEMS 3419 FOR REQUIRED APPROVAL LEVEL

TITLE	INITIAL	DATE	TITLE	INITIAL	DATE
[illegible]			[illegible]		
[illegible]			DIV. GEN. MGR. ($25M)	[illegible]	[illegible]
[illegible]			DIV. PROD. MGR. ($2M)		
[illegible]			NES. DIR. ($2M)		
[illegible]			DIR. GEN. SERV. ($2M)	[illegible]	8/30/76
[illegible]			PLT. or MINE MGR. ($1M)	[illegible]	8-30-76


EXISTING
SCREW ADDED
ELEVATOR
ADDED
BIN (Portable)
Existing
SURGE
HOPPER
(ADDED)
SCREW
EXISTING
EXISTING
LOOKING NORTH
WATER ADDED
HERE



WATER ADDED HERE

11 x 6 +

Faber
15 AUG 76

START COPY	INITIALS	DATE

BOX NO./FILE DRAWER NO.	SEGMENT NO.

SIGNIFICANT

NOTES

04-01906

START COPY	INITIALS	DATE

BOX NO./FILE DRAWER NO.	SEGMENT NO.

SIGNIFICANT

NOTES

04-01906

I. E. #19 (Revised)

Date 9/22/75

ROUTE TO:

Plant Engineer ~~RTB~~

Department Supv. CGS

Plant Manager LIR

Finance Manager WER

I. E. Supv. FWE ~~767~~

APPROPRIATION CLOSE-OUT

The following appropriation has been satisfactorily completed and should be closed out:

TITLE: Replace LARge Outside Sweeper

AR NO: 026-R-754 J.O. NO: 6737

It was approved on 9/23/74. Of the $ 13433 authorized,

$ 12097 has been spent.

If not in accord with close-out, please state and reasons: _____

J. L. Armstrong
Project Coordinator

If I can be of any further assistance on any questions you may have or you wish to procure this kit, please contact me with your purchase order as soon as possible and I will start the process.

Sincerely,

Tim L. Dempsey
Specials Coordinator

TLD/lsd
cc: D. W. Franch
Johns-Manville Products Corp.
Denison, TX 75020

L. I. Richards
Johns-Manville Products Corp.
Denison, TX 75020

J. T. Armstrong
Johns-Manville Products Corp.
Denison, TX 75020

TENNANT COMPANY
ESTABLISHED 1870

P.O. Box 1452
701 N. Lilac Drive, Minneapolis, Minn. 55440
(612) 540-1200 • TLX 290-451

Order/DWF
3/24/75

March 20, 1975

Johns-Manville Products Corp.
Denison, TX 75020

Attention: Mr. H. F. Lloyd
Purchasing Agent

Dear Mr. Lloyd:

In response to your letter of February 14, 1975, we have taken a closer look at the possibilities of sealing the cab on a 92. Although I still feel that the best solution to your problem is the 3M portable atmosphere hood that I previously suggested, we can offer a special kit that should effectively seal off the front of the cab assembly to eliminate the introduction of cement dust into the operator compartment.

The kit will include sheet metal covers as well as rubber skirts. These will fit across the front of the frame and seal off the operator compartment while dumping the hopper.

I propose that upon receipt of your purchase order, Tennant Company will design, manufacture, and ship this kit to you. Upon receiving this kit, you will install and test it. If the results are satisfactory, we will then proceed to bill you the quoted price of $700. If the modification does not perform satisfactorily, you will not be expected to pay.

The selling price of $700 is due to the extensive engineering design and fabrication time required to develop a specialized kit on a one-time installation. I hope this kit will help you in your specialized application.

Johns-Manville · SEP 2 3 1974 · **Internal Correspondence**

To: W. A. Sells

Date: September 19, 1974

From: E. L. Thies

Copies: D. W. French, N. Sfiscko, File Denison AR-026-R-754
Chrono

Subject: DENISON AR-026-R-754
REPLACE LARGE OUTSIDE SWEEPER

Subject AR requests funds to replace the Tennant Model 100 Road Sweeper, asset No. 8722.

This vehicle is now inoperable and beyond economical repair.

Subject vehicle meets the requirement and exceeds the criteria for replacement as outlined in President's Bulletin No. 843-1, revised 2-8-74.

Funds requested are adequate.

The above vehicle is included in the 1974 Capital Expenditure Program and Mobile Equipment Replacement Program.

Approval is recommended.

/mf

Johns-Manville
Products Corporation

PURCHASE ORDER NO. P32-10207

MARK FOR DEPARTMENT Maintenance

[redacted]
Denison, Texas 75020

PURCHASE ORDER

PLEASE DELIVER THE FOLLOWING SUBJECT TO THE TERMS, INSTRUCTIONS AND CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER.

REQUISITION DATE	DATE REQUIRED	REQUISITION NO.	TERMS	F.O.B.
10/3/74	1/3/74	800-86	Net 30 VIA Motor Frt.	☐ DEST ☒ SHIP PT. ☐ AS BELOW ☐ PREP'D & ALLOW. ☒ PREP'D & CHG. ☐ COLLECT

VENDER
Tennant Company
3103 Avenue E. East
Arlington, Texas 76011

SHIP TO:
Johns-Manville Products Corporation
[redacted]
DENISON, TEXAS 75020

MATERIAL AND PURCHASE SPECIFICATIONS	QUANTITY	UNIT	PRICE	PER
ennant 92 LP Power Sweeper with:	1		9,910.00	
(1) 8-Row Proex & Wire Brush (51709)	1		98.00	
(2) Cab Assembly-Complete (62040-1)	1		575.00	
(3) Heater-Defroster Kit (52931-1)	1		135.00	
(4) Two Headlights, Two Taillights & Turn Signals, Front and Rear (52967-1)	1		120.00	
(5) Vacuumized Side Sweep (51990-1)	1		370.00	
(6) Outage Valve	1		8.00	
Total			11,216.00	
nfirming Telephone Order 10/3/74 to Mr. Bluthardt				

☒ TAXABLE _____ % ☐ TAX EXEMPT

"Johns Manville Corporation and its subsidiaries comply with all provisions of Executive Order 11246 of September 24, 1965 and all rules, regulations and relevant orders of the Secretary of Labor."

"Be acceptance of this order vendor hereby certifies that the prices shown on the invoice fully comply with the rules and regulations of the Federal Price Commission and that all requisite approvals have been obtained."

RESP OR DIVISION	ACCOUNT NUMBER	PLT RESP CODE	PLT EXP CODE	ANALYSIS CODE	JOB ORDER NUMBER	QUAN OR REQ. NO.	COST AMOUNT	REQUISITION APPROVED BY: FOREMAN	MAINT. ENG	PLANT MGR		RESP HEAD	BUYER
	AR-026-R-754				6736								

CONDITIONS: A. Materials sold at the delivered prices or freight allowed must be shipped prepaid. No parcel post or insurance charges allowed except as provided above.
Mail INVOICE IN DUPLICATE and B/L on DATE OF SHIPMENT.
MARK ALL PACKAGES, INVOICES, B/L'S, PACKING LISTS AND CORRESPONDENCE WITH ORDER NO., REQUISTION NO., AND DEPT. SHOWN ABOVE.

Johns-Manville Products Corporation
H. F. LLOYD, PURCHASING AGENT
By H. F. Lloyd Date 10/4/74

FORM 3-99 (2-74)

PRINTED IN U.S.A.

ORDERING DEPT.

Johns-Manville

Internal Correspondence

To: N. Sfiscko, DHQ

Date: September 12, 1974

From: D. W. French, Denison DWF

Copies:

Subject: AR-026-CR-754
REPLACE LARGE OUTSIDE SWEEPER

The above Appropriation is submitted for your approval. This project was included in the 1974 C.E.P. A budget addition is not requested.

D. W. French
by: F. W. Fekete

DWF/is

attachments

Plant Denison Division Pipe Date September 19, 1974

OPERATION ANALYSIS - SWEEPER

1. Usage: Plant Roadways, Aisles, Storage Slab Areas

2. Engine: 63 Horsepower
   4 Cycle, 4 Cylinder
   Water Cooled

3. Fuel System: LPG
   ICC Tank

4. Sweeping Capability: 66 Inch Path
   0 to 10 MPH Sweeping Speed

5. Dimensions: Length 114.5"
   Width 75.5"
   Height 80"

6. Weight: 4200 lbs.

7. Main Brush: Length 50"
   O. D. 16"
   Bristle Length 4.5"
   8 Row
   Proex (Polypropylene) & Wire

8. Side Brush: Rotary
   26" Diameter
   Rotation Independent of Main Brush

9. Filter: 150 Sq. Ft.

10. Dirt Pan: Capacity 23.9 Cu. Ft. (1800 lbs.)
    Dumps Hydraulically (10 seconds)

11. Tires: 21.9" O. D. - 6.90/6.00-9
    8 Ply
    Pneumatic

12. Color: White & Blue-Green

13. Optional Equipment: Cab Assembly
    Heater-Defroster Kit
    2 Headlights, 2 Taillights
    Turn Signals, Front & Rear
    Vacuumized Side Sweep
    Outage Valve

3-99 REQUISITION/PURCHASE ORDER — USE TYPEWRITER OR BALL POINT PEN PLEASE PRINT & PRESS HARD

SUGGESTED SUPPLIERS	SUGGESTED BRANDS	PREV. ORDER NO.
Tennant Company		

PURCHASE ORDER NO.

MARK FOR DEPARTMENT

Johns-Manville Products Corporation

[redacted]
Denison, Texas 75020

PURCHASE ORDER

PLEASE DELIVER THE FOLLOWING SUBJECT TO THE TERMS, INSTRUCTIONS AND CONDITIONS ON THE FACE AND REVERSE SIDE OF THIS ORDER.

REQUISITION DATE	DATE REQUIRED	REQUISITION NO.	TERMS / VIA	F.O.B.
				☐ DEST. ☐ SHIP PT. ☐ AS BELOW ☐ PREP'D & ALLOW. ☐ PREP'D & CHG. ☐ COLLECT

VENDOR

SHIP TO:
Johns-Manville Products Corporation
[redacted]
DENISON, TEXAS 75020

MATERIAL AND PURCHASE SPECIFICATIONS	QUANTITY	UNIT	PRICE	PER
Tennant 92 LP Power Sweeper with:	1		9,910.00	
1) 8-Row Proex & Wire Brush (51709)	1		98.00	
2) Cab Assembly - Complete (62040-1)	1		575.00	
3) Heater - Defroster Kit (52931-1)	1		135.00	
4) Two Headlights, Two Taillights & Turn Signals, Front and Rear (52967-1)	1		120.00	
5) Vacuumized Side Sweep (51990-1)	1		370.00	
6) Outage Valve	1		8.00	
TOTAL			11,216.00	

☐ TAXABLE _____ % ☐ TAX EXEMPT

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RESP OR DEPT ON	ACCOUNT NUMBER	PLT RESP CODE	PLT EXP CODE	ANALYSIS CODE	JOB ORDER NUMBER	QUAN OR REQ NO.	COST AMOUNT	REQUISITION APPROVED BY: FOREMAN	MAINT ENG	PLANT MGR		RESP HEAD	BUYER
026	R-754				6736								

CONDITIONS: A. Materials sold at the delivered prices or freight allowed
st be shipped prepaid. No parcel post or insurance charges allowed except
rovided above
Mail INVOICE IN DUPLICATE and B/L on DATE OF SHIPMENT.
MARK ALL PACKAGES, INVOICES, B/L'S, PACKING LISTS AND CORRESPONDENCE

Johns-Manville Products Corporation
H. F. LLOYD, PURCHASING AGENT

2. Production Mgr. W. A. Sells, DHQ
3. Dir., Plt Eng. M. B. Jamin, GHQ
4. Gen. Mgr. S. J. McDuff, DHQ
5. Dir., Env. Cont. D. E. Hillier, GHQ
7. Mgr. Profit Planning E. R. Brady, GHQ
8. Dir., Purchasing R. P. Shupper, GHQ
9. Local
D. W. French F. W. Fekete (2)
H. T. Brode (2) C. G. Stelchek
H. F. Lloyd L. I. Richards

APPROPRIATION REQUEST

No. 026-R-754
File: 3-8-2

LOCATION DENISON DIVISION PIPE DEP'T NAME PLANT DEP'T NO. 800

TITLE: REPLACE LARGE OUTSIDE SWEEPER

I. PURPOSE: To provide funds for the purchase of a new yard sweeper.

I. PRESENT FACILITIES: A 1965 Tennant Power Sweeper, Model 100, is used to clean plant roadways, aisles, and storage slab areas. When purchased in 1968, the sweeper had an estimated useful life of 5 years. During the first six months of 1974, the sweeper required one hour of maintenance for every two hours of operating time, and $175 for repair materials. It is currently inoperable.

The Model 100 is very large and difficult to maneuver, therefore, the employees resist using it.

II. PROPOSED FACILITIES: A Tennant 92 Power sweeper will be purchased, and the Model 100 retired.

The Tennant 92 has a 63-hp. engine, a 50" main brush, a 26" side brush, a vacuum dust collector with a 150 sq. ft. filter, and a 18,000 lbs. hopper. The filter is cleaned by dual-motor shakers. The hopper dumps hydraulically in 10 seconds. The Tennant 92 sweeps a 66" path at up to 10 m.p.h.

A Tennant 92 was demonstrated in our yard and cleaned all surfaces satisfactorily.

ESTIMATED COST:

Capital Item	Description	Cost	Life (Yrs.)	Account	Systems 1112 Par. #
1.	Tennant 92 LP Power Sweeper	$11216	3	2715	.5
2.	Freight	414		"	.5
	Total Capital	$11630			
Expense					
1.	5% State & Local Taxes	$ 582		62000	.5j
	Total Expense	$ 582			
	Sub-Total	$12212			
	10% Contingency	$ 1221			
	TOTAL APPROPRIATION	$13433			

BENEFITS OR SAVINGS: The Tennant 92 is required for proper cleaning of the yard area. Maintenance costs will be reduced approximately $900 per year.

OTHER INVESTMENT: None

I. DISPOSITION OF PROPERTY: Tennant Sweeper Model 100 will be scrapped.

I. LABOR & UTILITY REQUIREMENTS: None

REMARKS: 1. J.O. No. 6737. 2. Capital Commitment by month after approval: Month 1 / $ 11,630

President's Bulletin # 331-1,
In 19 74 CEP? ☒ Yes ☐ No
Retirement Proposal Attached ☒ Yes ☐ No
Assigned to H. T. Brode, Plant Engr.
Time to complete 3 Months
Coordinator J. T. Armstrong, Ind. Engr.

Budget addition requested for expense portion?
☐ Yes ☒ No

Financial Analysis:
% Return by DCF _____ Date _____
By _____ Analysis attached? ☐ Yes ☐ No

Date Prepared:	Approval Will Authorize an Expenditure of:	Approved	Date Approved:
9-12-74	$13,433	WA 9/23/74 9/12/74	9/23/74