CITY OF HASTINGS
HASTINGS, NEBRASKA

ADDENDUM NO. 1
8/04/25

WEC UNIT 1 FLY ASH SILO
MECHANICAL CONSTRUCTION
WHELAN ENERGY CENTER, UNIT 1

Contract No. HU 2025-72

- Revised drawing numbers listed in section 3.3 Scope of Work. PT-333-03 and PT-333-04 were incorrectly referenced as PT-330-03 and PT-330-04.

- Added Navisworks 3D model for reference. The model includes the silo, piping, pipe supports, auxiliary steel, and platform near flue gas duct.

CITY OF HASTINGS

By Brandon Miller

Title Mechanical Engineer

The undersigned bidder hereby certifies that the revision set forth in this addendum have been incorporated in their bid and are a part of the contract documents.

Signed _____

Title _____

Firm _____

Date _____

ALL ISSUED ADDENDUM(S) MUST BE ACKNOWLEDGED
& RETURNED WITH YOUR BID DOCUMENTS

SECTION 3 – GENERAL DESCRIPTION AND SCOPE OF WORK

3.1 General:

The City of Hastings (Owner) is accepting bids for the installation of a new Fly Ash Silo and Conveying Equipment for Whelan Energy Center, Unit 1 in Hastings, Nebraska. The bidder is strongly encouraged to visit with Hastings prior to submitting a bid. The Bidder shall inform themselves of all conditions and factors which would affect the execution of the work. No claims for financial compensation or time extension, based on the lack of such prior information (or its effect on the cost of the work) will be permitted by the Owner. Please contact Brandon Miller, Mechanical Engineer, at 402-462-3653 if you have any questions about this project or would like to set up a visit.

3.2 Description of System:

Whelan Energy Center, Unit 1 (WEC1) is an 82 megawatt (MW), pulverized coal-fired generating plant located near Hastings, Nebraska. The Unit began commercial operation in 1981. The existing ash sluicing system is being replaced with a new fly ash silo and mechanical vacuum conveying system. The fly ash will be conveyed from existing precipitator, economizer, and air heater hoppers to a new fly ash silo being constructed north of the WEC1 precipitator building. Two mechanical exhausters will pull vacuum and convey the fly ash to the silo where it will be separated from the air stream by a filter separator on top of the silo. The fly ash will travel through a transfer hopper to the new silo. The silo will be equipped with a telescopic spout where it will be top loaded into a bulk transport trailer. The exhaust from the mechanical separators and vents from the telescopic spout and silo will be piped back to the flue gas duct upstream of the precipitator building.

3.3 Scope of Work Performed Under This Contract:

The contractor shall perform the following scope of work:

- Demolition of existing piping and equipment
    - Demolition of existing pipe, fittings, valves needed for routing of new pipe (See drawing PT-333-01 for details)
- Install UCC provided piping, fittings, and valves
    - Piping from existing economizer piping TP-1 and existing air heater piping TP-2 to precipitator hopper piping TP-3. (Dwg No. M-55650-05-004)
    - Piping from existing precipitator hopper piping TP-4 to filter separator. (Dwg No. M-55650-05-004)
    - Piping from telescopic spout to telescopic spout vent fan and from telescopic spout vent fan to connection at silo roof including all valves and fittings. (Dwg No. M-55650-05-005)
    - Piping from outlet plenum to silo vent fan motor and from silo vent fan motor to flue gas duct TP-6 including bypass line, valves, and fittings. (Dwg No. M-55650-05-005 and -008)
    - Silo relief valve SRV-1105
    - Piping from top of silo to filter separator including upper and lower equalizing valves (Dwg No. M-55650-05-005 and -006)

    - Piping from filter separator to mechanical exhausters including valves, fittings, screens, and expansion joints. (Dwg No. M-55650-05-006 and -008)
    - Piping from mechanical exhauster to flue gas duct TP-7 including all valves, expansion joints, silencers, and fittings. (Dwg No. M-55650-05-008)
    - Valves and fittings, from compressed air branch line to silo fluidizing system. Piping is provided by contractor. (Dwg No. M-55650-05-007)
    - All other inline piping equipment, fittings, and hardware not called out but needed for a complete piping installation.
- Furnish and install piping, fittings, and valves (labeled as GC on UCC drawings and all piping on COH drawings)
    - Piping, valves, and fittings from existing compressed air header to new air receiver in precipitator building. (Dwg No. PT-333-03 and -04)
    - Piping, valves, and fittings from new air receiver to silo area. (Dwg No. PT-333-03 and -04)
        - All new compressed air piping will be field routed from tie-in locations to equipment.
    - All piping, valves, and fittings labeled as GC on UCC drawings for compressed air system. (Dwg No. M-55650-05-006, -007, and -009)
    - Piping at TP-6 from weld neck flange to flue gas duct. Contractor is responsible for making connection to flue gas duct. (Ref. Dwg No. G5 and G2 by C-E Walther, Inc.)
    - Piping at TP-7 from weld neck flange to flue gas duct. Contractor is responsible for making connection to flue gas duct. (Ref. Dwg No. G5 and G2 by C-E Walther, Inc.)
- Furnish and Install piping insulation
    - 1-1/2” thick mineral fiber insulation on portion of piping from TP-4 in precipitator building to filter separator that is outside the precipitator building. (Dwg No. M-55650-05-004)
    - 1-1/2” thick mineral fiber insulation on piping from mechanical exhausters to flue gas duct. (Dwg No. M-55650-05-008)
    - 1” thick mineral fiber insulation on all compressed air piping routed outside buildings.
- Install UCC provided equipment:
    - Telescopic spout assembly THC-001 (Dwg No. M-55650-05-005)
    - Telescopic spout vent fan, FAN-002, and motor, M-002. (Dwg No. M-55650-05-005)
    - Silo vent fan, FAN-003, and motor, M-003. (Dwg No. M-55650-05-005)
    - Outlet plenum on silo roof (Dwg No. M-55650-05-005)
    - Manhole on silo roof (Dwg No. M-55650-05-005)
    - Transfer hopper, VSL-002 (Dwg No. M-55650-05-006 & MA-55650-05-001)
    - Filter Separator FLT-001 including filter cages and filter bags (Dwg No. M-55650-05-006 & MA-55650-05-001)
    - Mechanical exhausters, ME-001 and ME-002 including partial enclosures and enclosure vent fans, FAN-004 and FAN-005. (Dwg No. M-55650-05-008)
    - Bin Outlet Hopper, H1, fluidizing elements, and diffuser stones. (Dwg No. M-55650-05-007)
    - Ventilation Louvers, VNT-001 and VNT-002
    - Ladder and Platform from silo roof to Filter Separator
- Installation of City of Hastings Provided Equipment:
    - Air receiver

- Pipe Rack, Silo Roof Pipe Tower, Pipe Supports, and Pipe Hangers provided by UCC
    - Erect the T-Post pipe rack provided by UCC. (Dwg No. ASD-55650-05-001, -002, -011, -012)
    - Erect silo roof pipe tower provided by UCC. (Dwg No. ASD-55650-05-021 and -022)
    - Install pipe supports provided by UCC. (Dwg No. SD-55650-05-001 to -081)
- Pipe Supports, auxiliary steel, and platform provided by Contractor
    - Supply and install auxiliary steel per Olsson drawings S001 to S401 including:
        - Auxiliary Steel #1
        - Auxiliary Steel #2
        - Auxiliary Steel #3
        - Infilling grating on existing platform per Section 3 on drawing S102.
        - Installing new platform steel, grating, access ladder with cage, toekick, and all hardware needed per Sections 1 and 2 on drawing S103 and Sections 1 and 2 on drawing S201, and details on drawing S400 and S401.
    - Provide and install pipe support steel, pipe hangers, and hardware for all field routed compressed air piping (CAA system).
- Relocate existing equipment:
    - Existing valve 1ASB-ABV-1059. (Dwg No. M-55650-05-004)
- System Start-Up Support:
    - Contractor shall provide labor to support testing and checkout of system. Contractor shall repair and fix items from their scope of work found to be defective during testing.
- Other scope
    - Create pipe penetration in building wall and provide seals for economizer and air heater piping from Unit 1 boiler building.
    - Create pipe penetration and provide seal for economizer and air heater ash piping going into precipitator building.
    - Create pipe penetration and provide seal for ash piping from precipitator building to fly ash silo.
    - Create pipe penetration for compressed air piping from precipitator building to fly ash silo area.
    - Create pipe penetrations in silo unloading floor wall for vent piping and compressed air piping on silo.
    - Grouting under equipment and pipe support bases as noted on drawings.
    - Painting of carbon steel pipe, utility rack, structural steel, and other unpainted equipment as needed per section 4.5 of the technical specifications.
    - Touch-up painting on all welded connections and equipment where factory supplied top coat is damaged during installation.
    - Hydrotesting and weld inspections for all piping as specified by ASME B31.1.

3.4 <u>Work Performed by Others:</u>

The following will be performed under Contract HU 2024-50:

- Supply of equipment for the fly ash silo including items indicated as supplied by UCC on UCC provided contract drawings:
    - Fly ash silo
    - Filter separator and transfer hopper
    - Telescopic spout

    - Telescopic spout vent fan and silo vent fan
    - Two mechanical exhausters
- Supply of piping, valves, and fittings per UCC provided contract drawings:
    - Ash conveyor piping/valves/ fittings from terminal point on existing piping in precipitator building to filter separator
    - Ash conveyor piping from existing air heater piping to tie-in at precipitator building
    - Ash conveyor piping from existing economizer hopper piping to tie-in at precipitator building
    - Exhauster suction piping from filter separator to mechanical exhausters
    - Exhauster discharge piping from mechanical exhausters to flue gas duct

The following will be performed under Contract HU 2025-57:

- Site earthwork, grading, removal of existing concrete/ asphalt paving
- Silo foundations, paving, and aggregate surfacing
- Pipe support and utility rack foundations
- Removal of existing and installation of new silo/ precipitator area storm drain piping
- Concrete and conduit for underground electrical and controls duct bank
- Installation of pipe bollards

The following will be performed under Contract HU 2024-102:

- Installation of the UCC provided Silo
- Grouting the base of the silo
- Installing silo stairs

3.5 <u>Miscellaneous Materials and Services Scope:</u>

Miscellaneous Materials and Services Scope			
Item	Description	Contractor (Applies to)	Owner (Applies to)
1.	Receipt, inspection, unloading and storage of materials provided by Silo Supplier		X
2.	Receipt, inspection, unloading and storage of materials supplied by Contractor	X	
3.	Supply and installation of anchor bolts for contractor installed equipment	X	
4.	All hardware, welding supplies, and miscellaneous materials not provided by owner that is necessary for the completion of the work	X	
5.	Removal and disposal of all demolished equipment, piping and materials	X	
6.	Supply, installation, and removal of all temporary erection bracing, rigging, attachments and supports	X	
7.	All tooling and equipment required to perform the specified work	X	

8.	Survey and layout of the work from the Purchaser's designated control points	X	
9.	Supply of lifting equipment including cranes, man lifts, fork lifts, and telehandlers needed to complete the work	X	
10.	Supply of all work platforms including scaffolding, and OSHA required fall protection	X	
11.	Tests and inspections as required by specification	X	
12.	Grouting of equipment and column bases	X	
13.	Supply and install of touch up coatings	X	
14.	Station services including air, water, and electrical power		X
15.	Sanitary services in the form of portable toilets	X	
16.	Supply of common trash dumpster		X
17.	Clean up of work area	X	

3.6 Other Requirements:

The contractor shall comply with the following:

- All of Contractor's employees and any Sub-Contractor's employees shall take a mandatory safety orientation provided by City of Hastings before starting work on the project. The safety orientation is required once a year and is good from Jan 1 through Dec 31 each year.
- Contractor shall comply with site LOTO policy. LOTO will be performed by City of Hastings prior to starting any work on the system.
- Contractor shall comply with site Hotwork and Confined Spacy policies where applicable. Owner will provide Hotwork permits.
- Contractor shall follow all relevant OSHA regulations including fall protection and trenching and shoring.
- Weekly progress meetings between Contractor's project superintendent and Project Engineer.

3.7 Submittal Requirements:

The contractor shall submit the following information to the owner:

- Product data sheets for all contractor supplied materials.
  - Piping
  - Fittings
  - Valves
- Material test reports.
- Red-lined drawings indicating deviations from original drawing designs.

3.8 Project Schedule:

The new fly ash silo is scheduled to be completed during the WEC Unit 1 2025 Fall outage per the dates below. The existing ash sluicing system will need to be kept in-service until after ash has been

cleared from the precipitator hoppers once the outage begins. The below details work that will need to be done during the outage:

- Work to be completed during WEC1 Fall 2025 Outage:
  - Demolition of existing and installation of new piping, fittings, pipe supports, and hardware between TP-1 (economizer) and TP-2 (air heater) to TP-3 (upstream of precipitator ash hoppers).
  - New pipe supports in WEC1 boiler building.
  - Tie-in of piping for compressed air system into existing piping in Unit 1 boiler building.

- Work to be completed ahead of WEC1 Fall 2025 Outage:
  - Installation of all equipment on silo and silo foundation, utility racks, auxiliary steel, platform, ladder, all other equipment that does not affect existing piping or tie-in points. Including all piping downstream of TP-4 at precipitator to silo.
  - Installation of compressed air piping, air receiver, valves, and fittings with exception to tie-in, TP-20, to existing WEC1 system.
  - Vent Piping from silo and mechanical exhauster discharge piping, valves, fittings, with exception to tie-ins, TP-6 and TP-7, at flue gas duct upstream of precipitator.

Work will be coordinated with electrical and instrumentation contractors to allow completion during scheduled outage.

Material and Installation Contract:

Activity	Schedule
Bid Opening	Wednesday, August 27, 2025
Anticipated Contract Award Date	Monday, September 8, 2025

Preliminary Construction Schedule:

The work under this contract will have to be coordinated with City of Hastings and other Contractors to assure the Fly Ash Silo is completed before the end of the scheduled outage. A preliminary construction schedule is shown below.

Activity	**Schedule**
Completion of Silo Foundations and Paving	Friday, July 25, 2025
Delivery of Fly Ash Silo	Tuesday, August 5, 2025
Erection of Fly Ash Silo	Monday, August 11, 2025 through Friday, September 5, 2025
Start of Fall Outage	**Friday, November 7, 2025 at 23:59**
End of Fall Outage	**Thursday, December 4, 2025 at 11:59**
Pre-Outage Mechanical Construction	Monday, September 29, 2025 through Friday, November 7, 2025
Outage Mechanical Construction	Saturday, November 8, 2025 through Thursday, November 20, 2025

PLC Programming Controls and System Checkout	Friday, November 21, 2025 through Wednesday, December 3, 2025

3.9 <u>Project Drawings:</u>

The following drawings are part of the project. Vendor drawings for materials and equipment will be supplied to Contractor before the start of work. They are also available upon request. A full set of Issued For Construction drawings will be sent to the contractor electronically via Sharepoint after contract has been signed.

Drawing No.	Revision	Description
PT-333-01	-	DEMOLITION PLAN
PT-333-02	-	DEMOLITION PLAN
PT-333-03	-	STATION AIR P&ID
PT-333-04	-	COMPRESSED AIR PIPING PLAN
PT-333-05	-	VALVE LIST
PT-333-06	-	PIPELINE LIST
G2	C	CE WALTHER PRECIPITATOR ELEVATION
G5	C	CE WALTHER PRECIPITATOR INLET DUCTWORK
ASD-55650-05-001	0	AUXILIARY STEEL T-POSTS TO NEW FLY ASH SILO UNIT 1
ASD-55650-05-002	0	AUXILIARY STEEL T-POSTS TO NEW FLY ASH SILO UNIT 1
ASD-55650-05-011	0	AUXILIARY STEEL T-POSTS TO NEW FLY ASH SILO UNIT 1
ASD-55650-05-012	0	AUXILIARY STEEL T-POSTS TO NEW FLY ASH SILO UNIT 1
ASD-55650-05-021	0	AUXILIARY STEEL SILO ROOF TOWER UNIT 1
ASD-55650-05-022	0	AUXILIARY STEEL SILO ROOF TOWER UNIT 1
C-55650-05-001	0	GENERAL NOTES AND REFERENCE DRAWINGS PIPING
C-55650-05-002	0	GENERAL NOTES AND REFERENCE DRAWINGS PIPE SUPPORTS
C-55650-05-003	0	PLAN, SECTION AND DETAIL FLY ASH NUVEYOR VACUUM SYSTEM HOPPER AREA UNIT 1
C-55650-05-004	0	PLAN, SECTION AND DETAIL FLY ASH NUVEYOR VACUUM SYSTEM HOPPER AREA UNIT 1
C-55650-05-005	0	PLAN, SECTION AND DETAIL FLY ASH AIR VACUUM SYSTEM FILTER SEPARATORS TO EXHAUSTERS UNIT 1
C-55650-05-006	0	PLAN, SECTION AND DETAIL FLY ASH AIR VACUUM SYSTEM EXHAUSTERS DISCHARGE TO DUCT UNIT 1
C-55650-05-007	1	PLAN, SECTION AND DETAIL SILO VENT PIPING VENT FAN TO DUCT TIE-IN UNIT 1
C-55650-05-008	0	PLAN, SECTION AND DETAIL SILO VENT PIPING VENT FAN TO DUCT TIE-IN UNIT 1
CL-55650-05-001	A	PIPE SUPPORT LOAD DATA
CL-55650-05-002	A	PIPE SUPPORT LOAD DATA

CL-55650-05-003	A	PIPE SUPPORT LOAD DATA
CL-55650-05-004	A	PIPE SUPPORT LOAD DATA
CL-55650-05-005	A	PIPE SUPPORT LOAD DATA
CL-55650-05-006	B	PIPE SUPPORT LOAD DATA
EL-55650-05-001	D	I/O LIST
EL-55650-05-002	A	POWER DISTRIBUTION ELECTRICAL LOAD LIST
G-55650-05-001	C	GENERAL ARRANGEMENT OF FLY ASH SILO UNIT 1
G-55650-05-002	B	SILO FLOOR & UNLOADING FLOOR EQUIPMENT PLANS & SECTIONS UNIT 1
G-55650-05-003	B	SILO UNLOADING FLOOR EQUIPMENT ELEVATION
G-55650-05-004	B	SILO ROOF EQUIPMENT PLAN & SECTION
G-55650-05-005	B	SILO ROOF EQUIPMENT DETAILS
M-55650-05-001	C	P&I DIAGRAM GENERAL NOTES
M-55650-05-002	A	P&I DIAGRAM STANDARD SYMBOLS
M-55650-05-003	B	KEY PROCESS DIAGRAM FLY ASH NUVEYOR VACUUM SYSTEM
M-55650-05-004	C	P&I DIAGRAM FLY ASH NUVEYOR VACUUM SYSTEM HOPPER AREA
M-55650-05-005	C	P&I DIAGRAM FLY ASH NUVEYOR VACUUM AND UNLOADING SYSTEM SILO AREA
M-55650-05-006	C	P&I DIAGRAM FILTER SEPARATOR - CONTINUOUS OPERATION
M-55650-05-007	C	P&I DIAGRAM BIN FLUIDIZING SYSTEM
M-55650-05-008	C	P&I DIAGRAM MECHANICAL EXHAUSTERS
M-55650-05-009	C	P&I DIAGRAM COMPRESSED AIR FLY ASH NUVEYOR VACUUM SYSTEM
MA-55650-05-001	C	TRANSFER HOPPER STACKUP
ML-55650-05-001	B	VALVE LIST
ML-55650-05-002	B	INSTRUMENT LIST
ML-55650-05-003	A	EQUIPMENT LIST
ML-55650-05-004	A	TERMINAL POINT LIST
ML-55650-05-005	A	LUBRICATION LIST
S-55650-05-001	A	GENERAL NOTES FOR STRUCTURAL DRAWINGS
S-55650-05-002	A	DRAWING INDEX & ABBREVIATION LIST FOR STRUCTURAL DRAWINGS
SD-55650-05-001	0	ROD HANGER, ELEVATED, 6", VACUUM, NUVALOY, STEEL
SD-55650-05-002	0	ANCHOR, RISER, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-003	0	GUIDE, RISER, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-004	0	ROD HANGER, ELEVATED, 6", VACUUM, NUVALOY, STEEL
SD-55650-05-005	0	ANCHOR, RISER, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-006	0	GUIDE, ELEVATED, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-007	0	SUPPORT, ELEVATED, 6", VACUUM, DURITE, STEEL

SD-55650-05-008	0	ANCHOR, ELEVATED, 6", VACUUM, DURITE, STEEL
SD-55650-05-009	0	GUIDE, ELEVATED, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-010	0	ANCHOR, RISER, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-011	0	GUIDE, RISER, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-012	0	ANCHOR, FLOOR, 6", VACUUM, NUVOLOY, CONCRETE
SD-55650-05-013	0	ANCHOR, FLOOR, 6", VACUUM, DURITE, CONCRETE
SD-55650-05-014	0	SPRING HANGER, ELEVATED, 6", VACUUM, NUVALOY, STEEL
SD-55650-05-015	0	SPRING HANGER, ELEVATED, 6", VACUUM, NUVALOY, STEEL
SD-55650-05-016	0	ROD HANGER, ELEVATED, 6", VACUUM, NUVALOY, STEEL
SD-55650-05-017	0	GUIDE, ELEVATED, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-018	0	GUIDE, ELEVATED, 6", VACUUM, NUVOLOY, STEEL
SD-55650-05-020	0	ANCHOR, FLOOR, 8", VACUUM, DURITE, CONCRETE
SD-55650-05-021	0	ANCHOR, FLOOR, 8", VACUUM, NUVALOY, CONCRETE
SD-55650-05-022	0	GUIDE, FLOOR, 8", VACUUM, NUVALOY, CONCRETE
SD-55650-05-023	0	ANCHOR, RISER, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-024	0	GUIDE, RISER, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-025	0	ANCHOR, RISER, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-026	0	ANCHOR, RACK, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-027	0	GUIDE, RACK, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-028	0	ANCHOR, SILO, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-029	0	GUIDE, SILO, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-030	0	ANCHOR, RISER, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-031	0	GUIDE, RISER, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-032	0	GUIDE, RACK, 8", VACUUM, NUVALOY, STEEL
SD-55650-05-040	0	GUIDE, RACK, 8", VACUUM, CARBON STEEL, STEEL
SD-55650-05-041	0	GUIDE, SILO, 8", VACUUM, CARBON STEEL, STEEL
SD-55650-05-042	0	ANCHOR, SILO, 8", VACUUM, CARBON STEEL, STEEL
SD-55650-05-043	0	GUIDE, FLOOR, 8", VACUUM, CARBON STEEL, STEEL
SD-55650-05-044	0	ANCHOR, FLOOR, 8", VACUUM, CARBON STEEL, CONCRETE
SD-55650-05-045	0	SUPPORT, FLOOR, 8", VACUUM, CARBON STEEL, CONCRETE
SD-55650-05-050	0	ANCHOR, FLOOR, 8", VENT, CARBON STEEL, CONCRETE

SD-55650-05-051	0	SUPPORT, FLOOR, 8", VENT, CARBON STEEL, CONCRETE
SD-55650-05-052	0	GUIDE, FLOOR, 8", VENT, CARBON STEEL, CONCRETE
SD-55650-05-053	0	GUIDE, RACK, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-054	0	SUPPORT, RACK, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-055	0	SUPPORT, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-056	0	SUPPORT, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-057	0	GUIDE, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-058	0	GUIDE, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-059	0	SUPPORT, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-060	0	GUIDE, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-061	0	GUIDE, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-062	0	ANCHOR, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-070	0	GUIDE, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-071	0	ANCHOR, SILO, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-072	0	GUIDE, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-073	0	ROD HANGER, SILO, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-074	0	GUIDE, RACK, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-075	0	SUPPORT, RACK, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-076	0	SUPPORT, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-077	0	LINE STOP, RISER, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-078	0	GUIDE, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SD-55650-05-079	0	GUIDE, FLOOR, 8" VENT, CARBON STEEL, STEEL
SD-55650-05-080	0	GUIDE, ELEVATED, 8", CARBON STEEL, STEEL
SD-55650-05-081	0	ANCHOR, ELEVATED, 8", VENT, CARBON STEEL, STEEL
SV-55650-05-S001		TARSCO SILO DRAWINGS