**PURPOSE**
The following questions and information have been developed as a guide to assist you in planning your storage bin addition. This guide is designed to stimulate your thought process and provide the information needed to develop an accurate quotation to serve your requirements. We encourage you to read the following information and Lemanco’s Features and Options Brochure then apply what is needed in your particular application.

COMPANY: ______________________________ DATE: ______________
CONTACT: ______________________________ TEL: ______________
ADDRESS: ______________________________ FAX: ______________
CITY: ______________________________ ST. __________ ZIP: _______ Email: ______________________

**Project Scope**  Site Location:
Target Date to start construction: __________________, 20______.  

**Bin Structure use:**
Receiving: ___________________________  Load-Out: ___________________________
Batching: ___________________________  Other: ___________________________
Note: Use separate form for each application

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<th>Quantity Received</th>
<th>Tons/Trucks, etc. Receiving Units</th>
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Use Additional Pages if needed and attach
**Ingredient/Batching Bins**

**Number of bins:**
- **full size:** _________________
- **half size:** _________________
- **qtr. size:** _________________

**Capacity in tons:**
- **full size:** _________________
- **half size:** _________________
- **qtr. size:** _________________

**Bin Discharge Method:**

*Note: Standard Gate Sizes: 18” x 18” and 24” x 24” (Other Sizes Available)*

**Standard Screw Feeder Sizes:**
- single 9” dia., single 12” dia., single 14” dia.,
- double 12” dia., and double 14” dia. (Other Sizes Available)

- **# of gates:**
  - **size:** _________________
  - **type:** air______ qty., manual______ qty., solenoid: sgl______, dbl______

- **# of feeders:**
  - **size:** _________________
  - **type:** air______ qty., manual______ qty., solenoid: sgl______, dbl______

- **Weigh Hopper size (batch or mixer size):** _________________ ton.

*If mixer & surge hopper are to be located above work floor give clearance needed under weigh hopper discharge gate:______________________________.

**Mezzanine Floors** (Attached to Bin Support Columns), **Number of Floors:** ____________.

- **Type of floor:**
  - concrete:__________, bar grating:__________, plate: ____________

- **Floor Size Each:** ____________________________________________

- **Loads per floor:** ____________________

*loadings for the mezzanies should be specified as concentrated weights, such as pounds per machine, or uniform loads such as pound per square foot of area.*

**Head house** (on bin roof deck):
- **Height of Head house Mezzanine above roof deck:** ____________ ft.
- **Size:** ________x_______, **Eave height:** ________, **Mezzanine floor in head house:** size ________x________

- **Weight of machinery to be supported on roof deck:**
  - lbs per sq./ft.,
  - mezz: ____________ lbs per sq./ft.

*If bins & structure are to extend up through roof of building give eave height: ________, roof pitch: ________.

*Show location of bin group, relative to building dimensions, on the hopper plan view.*

**Enclosure Around Support Structure**

- **bin structure:** ________, **head house:** ________, **access doors:** ________

**Safety Equipment**

- **ladders/cage:** __________________ lin. ft.________________
- **handrails:** __________________ lin. ft.________________
- **catwalks:** __________________ lin. ft.________________

*If hopper plan and building sketch is on separate sheets, please attach. If several bin groups are needed, please attach a sketch of each group and identify purpose.*

**Load-Out Bins**

**Number of Bins:**
- **full size:** _________________
- **half size:** _________________
- **qtr. size:** _________________

**Capacity in Tons:**
- **full size:** _________________
- **half size:** _________________
- **qtr. size:** _________________

**Bin Discharge Method:**

- **# of gates:**
  - **size:** _________________
  - **type:** air______ qty., manual______ qty., solenoid: sgl______, dbl______

- **# of feeders:**
  - **size:** _________________
  - **type:** air______ qty., manual______ qty., limit switches __________________

- **Discharge Adaptor:** 4 to 1: ____________, 2 to 1: ____________

- **Weigh Hopper requirements:**
  - traveling______, stationary:________

- **Truck scale requirements:**
  - pit scale:______, above grade:______

- **Service area requirements under bins:**
  - cat walk ________, full mezzanine ________, length ________

- **Weight of any machinery/equipment to be supported on mezzanine:** ________ pounds.

- **Structural steel clearance required beneath discharge:** ________ feet.

**Enclosure Around Support Structure**

- **yes:** ________, **no:** ________

- **Give size of doors for trucks:** ________ for walk-in:_______

- **Access to mezzanine:** stairway:______, ladder:_______

**Bin Requirements for Other Purposes**

- **Purpose:** ____________________________
Number of bins: full size __________, half size __________, qtr. size __________.
Capacity in tons: full size __________, half size __________, qtr. size __________.

Bin Discharge Method:
- # of gates: __________ size: __________, totally enclosed: __________,
  type: air qty., manual qty., solenoid: sgl __________, dbl __________,
- total enclosure: __________,
- type: air qty., manual qty.,
- # of feeders: __________ size: __________, totally enclosed: __________, solenoid: sgl __________, dbl __________,
  type: air qty., manual qty.,
- # of feeders: __________ size: __________, totally enclosed: __________, solenoid: sgl __________, dbl __________.

Discharge Adaptors: size 4 to 1 __________ qty.
size 2 to 1 __________ qty.

Structural steel supports to provide __________ feet of clearance under discharge.

Mezzanine Floor Requirements: __________ qty. size: __________.

Weight of any machinery/equipment to be supported on mezzanine: __________ lbs per sq./ft.

Type of Floor: concrete: __________ bar grating: __________ tread plate: __________.

Head house requirements: size: __________ height above bin deck: __________.

Weight of any machinery/equipment to be supported on mezzanine: __________ lbs per sq./ft.

Enclosures: bin structure: __________ head house: __________ access doors: __________ size __________.

Safety Equipment: ladders/cage __________ lin. ft. __________
handrails __________ lin. ft. __________
catwalks __________ lin. ft. __________

General Information
Man way 30” x 24” with filter bag, inspection port, and safety grid is furnished as standard. A sealed man way with pneumatic inlet stub and bin vent filter collar is offered as optional. Lemanco’s Bin sizes 8’ x 8’, 10’ x 10’ including half and quarter sizes, have a standard roof of 3/16” plate, with 2 coats of silverbrite. 6’ x 6’ and 7’ x 7’ series bins have a standard roof of 11 ga. steel with 2 coats of silverbrite. Optional roof materials are also available such as checkered plate.

LEMANCO’S Optional Weigh Hoppers Include
- Traveling Weigh Lorry
- Stationary Weigh Hopper
- Weigh Hoppers with flared tops, cover, vent and canvas connector
- Flared tops vary from 10’x10’ to 16’x16’ sq. Weigh hoppers are supported in the bin support structure
- Weigh hoppers also come with header box when a large number of feeder screws are to be accommodated
- Traveling weigh lorry come with trolleys, shafts, support frame, load cells, trim cable, junction box, pillow block bearings, power unit (gear motor) with reversing starter, brake, chain & sprocket drive, trolley rails, rail support beams, and suspension columns to bolt onto the bin supports.

Other Options Include:
Mounting holes, mounting stubs for bin level indicators, air pads, air cannons and special mountings.

Optional At No Cost
Lemanco’s Bin Roof standard is steel construction and can support thousands of pounds of machinery mounted on the roof if advised at time of order, because the machinery loading must be accounted for in the calculations of the structural steel bin supports. This standard steel roof can be substituted with curbing and decking to receive a concrete deck.

Note
- Please refer to our features and options (separate brochure) which shows available options, prior to completing this questionnaire.
- Other considerations that may apply during the planning stages are:
  1. Zoning restrictions
  2. Applicable codes
  3. Environmental impact & permits
  4. Building permits
  5. Soil tests
  6. Site restrictions
  7. Insurance requirements
  8. Rail siding
  9. Additional power requirements
  10. Engineering design assistance
  11. Contractor assistance
  12. Timing
**COMMENTS:** Please copy page 2 and use for all additional applications. We hope this guide serves as a useful method for you to plan your bin requirements. Should you have any questions concerning storage bins, please contact us. We will be pleased to provide you with a quotation.

Please Show Desired Compartment Arrangement and Desired Support Column Locations.
Purpose to be Used For ________________________________.

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**STANDARD BIN SIZES**
7’ x 7’, 8’ x 8’, 10’ x 10’

If in the future you plan to add-on more bins, please show side or sides of the future add-on, if they are to be attached.

Chief Agri/Industrial Division
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