



Lac La Biche County
RFP: ENV-62-2021-01-22
ASB Chemical Storage Building

Addendum No. 1

1. Invitation to Submit Proposal correction under Brief Project Description:
 - Remove 40' X 42' X 19'6" and Replace with 40' X 42' X 12'
2. Questions and Answers update (3 pages) – attached.

End of Addendum

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QUESTIONS & ANSWERS

1. Is engineering required?
 - Yes. Engineering of the entire building is required.
2. What are the ventilation requirements? Air changes per hour?
 - Minimum of two (2) air changes per hour, it is recommended that this be increased to 1200 CFM, with the inlet being 12" from the floor and the outlet or exhaust to be 12" from the ceiling on the opposite corner of the building.
3. If it is not engineered, what would they like to see for ventilation in that space? MUA interlocked with exhaust fans, or can we simply have dedicated unit heater interlocked with exhaust fan and intake to temper air in winter months?
 - As previously indicated minimum 1200 CFM and it is possible to interlock the heater and the exhaust fan. The heater must be a concealed flame unit.
4. What kind of chemical will be stored, anything highly flammable?
 - No, there will be chemicals that are utilized for Agriculture purposes and fall within National Building Code - 2019 Alberta Edition and National Fire Protection Association (NFPA) Class IIIA and IIIB, with a flash point of more than 140°F (60°C).
5. Are we to assume that this building is storing flammable chemicals? Are lights, switches, motors, etc. to be "explosion proof"?
 - Yes, please assume that the structure may store flammable chemicals with all lights, switches, motors, etc., to be explosion proof.
6. There are no electrical or mechanical specifications, are they required?
 - Mechanical, no.
 - Electrical, yes. All lights must be LED and explosion proof with concealed flame heating units.

7. There are no electrical specifications, need you to confirm the lighting and power requirements.
 - Standard LED lighting. Design to be included in the Proposal. Please note that all exterior building faces are to be equipped with 200W LED wall packs as well.
8. Is heating required and if so, what is the preferred type?
 - Yes, the facility is to be heated with a concealed flame heater which is to be in compliance with the National Building Code – 2019 Alberta Edition.
9. What type of hot water heating does the client require? Electric or gas?
 - Electric or gas, whichever is most economical.
10. The specifications call for a 10' x 10' rollup door... Do you want a standard insulated overhead door or a coiling door?
 - Standard Overhead Door
11. For the 10' x 10' door, do you want an electric operator to open and close the door or will it be manual?
 - Electrically operated
12. The structural details show a concrete spread footing and foundation wall whereas the specifications on S1.0 and the soils report calls for piles and grade beam. Confirm what is required. (Note the soils report does not provide design parameters for a spread footing and foundation wall).
 - Engineering of the entire building to be completed by contractor. The foundation type must be as per the drawings and the information/design parameters for the type of foundation as per the drawings, can be provided to the bidder after consulting with the referenced geotechnical engineer.
13. Is it single-phase or three-phase power on-site?
 - On-site connecting power is a 120/208V three-phase system.
14. Reference to card readers, please confirm details and specifications for the security system.
 - Conduits required to door locations. Rest of installation to be coordinated with the County's local security contractor.
15. Will you accept electronic bids for the initial bid closing with hard copies made available after the bid closing
 - No. Sealed hard copies must be received by closing date.

16. Can sump be tied into septic if there is a spill inside building or does that stay self-contained and sucked out?

- No. Sump is going to be a separate containment.

17. Does domestic water service provide enough water for required 22 g.p.m. to serve eye wash and shower?

- Yes. It will have enough water (around 35 g.p.m) to serve eye wash and shower.

18. Will there be any propane forklifts inside building to consider for ventilation and gas detection and if electric forklifts to they need capture hood in a certain area for battery off-gassing?

- No forklifts will enter this structure.

19. Will the drywall need to be fire taped inside or a finished coat with paint or can we just go with metal inside or maybe plywood like the storage building by the track field?

- All seams must be fire taped.

20. The gauge of metal differs from 29 gauge to 28 gauge in in the wall and roof schedules, do we follow the Specification, or do we keep it consistent with the 29 gauge?

- Use 28 guage exterior metal in all locations.

21. Just to confirm, we are to include drawings and engineering?

- Yes.