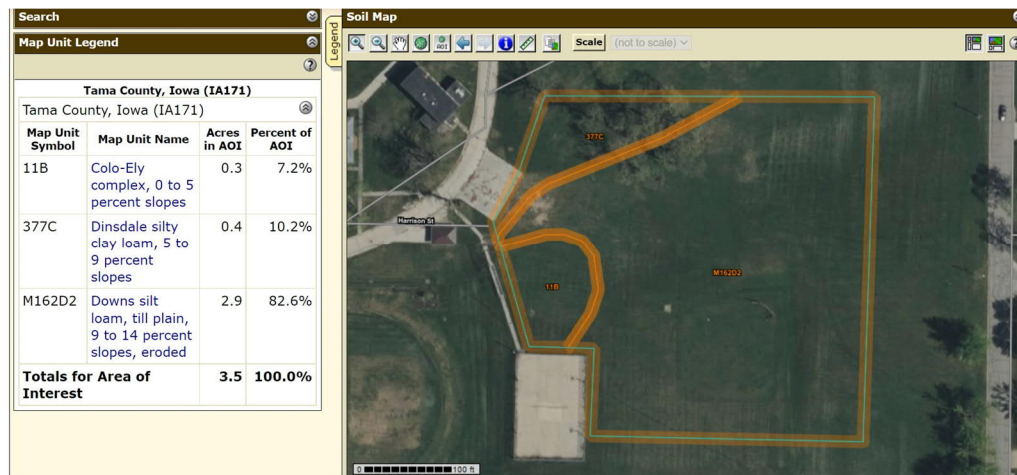


ADDENDUM #4

To: Demolition and Abatement Contractors
 For: Iowa Juvenile Home Environmental Remediation and Demolition Services
 Project: 13227024
 From: Terracon Consultants, Inc., on behalf of the City of Toledo, Iowa
 Subject: Addendum #4
 Date: September 28, 2022

Please note the following changes/additions/clarifications/revisions relative to the above request for bid.

- Question: Is there information regarding the backfill as being suitable? Answer: Additional information regarding backfill was included in Addendum 2. Additionally, the City is not aware of soil borings performed as a part of the Woodlawn First Addition Project. The City indicated that the soils are generally clay type soils. According to the USDA NRCS Web Soil Survey, the approximate area of the borrow area (detention basin) consists of Colo-Ely complex (11B), Dinsdale silty clay loam (377C), and Downs silt loam, till plain (M162D2), see below. The borrow area soils may be of similar lithology as material identified in a boring completed near Turner Cottage, see Log of Boring No. 1, attached. The Demolition Contractor will need to determine if this source of backfill is suitable for use at the time of backfilling or an alternative source will need to be used. As indicated in Demolition Specifications Section 4.11, 1. Item D (PDF page 574), "The Demolition Contractor will be responsible for all backfill, satisfactory grading, and site restoration, regardless of the quantity of fill materials made available from the Woodlawn First Addition Project (121.0787.080). The Contractor shall provide suitable fill from off-site if on-site quantities as part of the Woodlawn project are insufficient or unacceptable."



- Question: What do we do with excess backfill material? Answer: See Demolition Specifications Section 4.11, 1. Item B (PDF page 574). Any remaining backfill left on the Iowa Juvenile Home site will be the responsibility of Woodlawn First Addition Contractor's and they will be responsible for legally disposing the excess-material, if any. Clarification: We understand that the excess material will be wasted on the City's portion of the IJH campus (the proposed Woodlawn addition).

3. Question: The documents also call for all material to be recycled or re-used. Are you wanting the demolition rubble and foundations crushed? Answer: The City of Toledo does not have a use of for recycled aggregate type material at this time. The demolition debris material will need to be hauled off-site by the contractor. Change: Demolition Specifications Section Extent of Work Section 1.2 (PDF page 549) and Sheet 2 Note 12 (PDF page 586) reference of "All brick, block, concrete, asphalt, metal and other materials is required to be recycled/salvaged" to read "Brick, block, concrete, asphalt, metal and other materials should be recycled and salvaged to the extent feasible."

4. Request for clarification: There are multiple notes in the spec about disconnecting utilities or doing work if requested by the City. These notes all need to be clarified. Are we doing this work or not? Contractor to disconnect, cut and cap water near hydrant by Arnold, if requested by City. Page 566. Response: There is only one notation of ", if requested by City" for the hydrant by Arnold; yes, the hydrant between Arnold and Dietary will need to be removed; see Demolition Specifications Sheet 2 Note 44 (PDF page 586).



LOG OF BORING NO. 1										Page 1 of 1		
OWNER IOWA JUVENILE HOME					CLIENT/ENGINEER							
SITE TOLEDO, IOWA					PROJECT IOWA JUVENILE HOME EXTERIOR FIRE STAIRS							
GRAPHIC LOG	7' West of N.W. Corner of Turner Cottage				DEPTH (FT.)	SAMPLES				TESTS		
	DESCRIPTION					USCS SYMBOL	NUMBER	TYPE	RECOVERY, IN.	**SPT - N BLOWS / FT.	MOISTURE, %	DRY DENSITY PCF
Approx. Surface Elev.: 99 ft.												
	<u>FILL, LEAN CLAY, TRACE SAND & ORGANICS</u> , Dark Brown and Brown					1	ST	3		21.5		*2000
	<u>LEAN CLAY, TRACE SAND</u> , Brown, Medium				3	CL	2	ST	3	26.7	93	*2000
	<u>VERY SANDY LEAN CLAY TO CLAYEY SAND</u> , Brown				5.5	CL/SC	3	ST	9	21.7	93	
	<u>SANDY LEAN CLAY, TRACE GRAVEL WITH SAND SEAMS</u> , Brown, Soft to Stiff				7	CL	4	ST	12	19.7	107	670 *1500
	<u>SANDY LEAN CLAY, TRACE GRAVEL</u> , Gray, Very Stiff				17	CL	5	ST	18	16.9	111	3210
	BOTTOM OF BORING				20							
The stratification lines represent the approximate boundary lines between soil and rock types: in-situ, the transition may be gradual.					Calibrated Hand Penetrometer* CME 140 Lb. Auto. SPT Hammer **							
N33BL0E 85018 2/11/98					WATER LEVEL OBSERVATIONS (FT.)			BORING STARTED 1-27-98				
					WL <input type="checkbox"/> NONE <input type="checkbox"/> WD <input type="checkbox"/>			BORING COMPLETED 1-27-98				
					WL <input type="checkbox"/>			RIG #14 FOREMAN GAE				
					WL <input type="checkbox"/>			APPROVED AMG JOB # 06985016				