

Solicitation #36C77622B0063 Expand Building 1 for Primary Care - Fargo
Technical Questions and VA Response Tracking Sheet

ITEM NO.	DATE QUESTION RECEIVED	DATE QUESTION ANSWERED	QUESTION	GOVERNMENT RESPONSE
1.	12-1-22	12-1-22	Is this project tax-exempt? If yes, please issue the Tax Exemption number for bidding purposes. If not, what is the percentage of tax?	No, this is not exempt of sales tax. Contractors are required to pay sales and excise tax. Offerors shall include all applicable taxes in accordance with FAR by Reference Clause 52.229-3 "Federal, State and Local Taxes." Percentage of tax information is the responsibility of the offeror.
2.	12-1-22	12-1-22	Please clarify the purpose of having a Grand Total line item on the Price Schedule.	No dollar amount should be cited in the Grand Total. It is only a place holder, which will be populated at time of award.
3.	12-1-22	01-09-2023	Are winter conditions for masonry and brick scopes to be included in bid pricing?	The contractor shall review their work schedule and determine their need and what shall be required to complete the construction work on time and include in their bid.
4.	12-1-22	01-09-2023	Are winter conditions for concrete and earthwork scopes to be included in bid pricing?	The contractor shall review their work schedule and determine their need and what shall be required to complete the construction work on time and include in their bid.
5.	12-1-22	01-09-2023	Is the VA able to verify the exterior concrete thickness for the area to be cut out?	The original construction contract drawings required 8 inches of concrete. Contractor shall verify, VA does not have any additional information or way to verify.
6.	12-2-22	01-09-2023	Ref drawing CS100- What is the thickness of the asphalt pavement (grey shaded) on the access road, and will 2 courses be required? What is the thickness of the concrete shown within the access road? What is the thickness of concrete within the storm basin? What is the thickness of concrete in large areas south of building addition?	The contractor will need to refer to the geotechnical report for all pavement design requirements. Spec attached reference - Final Geotechnical Report - VA Bldg 1 Expansion – Fargo.

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7.	12-2-22	01-09-2023	Ref drawing CS100- What type of retaining walls are required? Will cross section details be provided for retaining walls shown north of access road and at the storm water basin? A note indicates to see structural drawings, but no detail is provided in structural. Will concrete curb details be provided?	Structural design for all retaining walls will be created to address materials and reinforcement. Sheet S-602 revised to include retaining wall schedule and detail. Contractor to match existing curb & gutter sections and utilized local City of Fargo standards details for new construction.
8.	12-2-22	01-09-2023	Ref drawing DT100- Of the 62 required bollards, what diameter is required and what length? Each bollard on detail shows one bollard as 3” and the other as 5” with different size foundations.	Contractor to utilize the 5” bollard style and detail to match the other existing bollards constructed on site.
9.	12-2-22	01-09-2023	Ref drawing DT100- Who is responsible for what appears to be new concrete at a proposed grade elevation of 87.31? If the contractor can further details be provided?	The bottom end of the stairs needs to land on the concrete pedestrian pad. A detail for the new stair footing is provided in the center left side of DT100.
10.	12-2-22	01-09-2023	Ref drawing DT100- Are the “stair adjust detail” and the “new PTO pipe detail” the same detail with a 180-degree view? Are both stairs being shortened by 4 treads or just one stair? Appears 2 different elevations are used on the “stair adjustment detail” vs the New PTO pipe detail. What is the thickness of the new concrete landing? Will the scope of work be further clarified for the required work shown on these 2 details?	The Stair Adjustment Detail and PTO Detail are separate details. The stairs in the PTO detail are illustrative as a point of reference for the general direction and final elevation of the PTO shaft. The thickness of the concrete landing needs to be obtained from the geotechnical report with the end tapered to match the New Stair Footing detail as shown in the center left side of detail sheet DT100.
11.	12-2-22	01-09-2023	Ref drawing A5.01 detail 4 6 7 & 8 - Will a specification for lockers be provided?	See attached specification section 10 51 13 Metal Lockers.
12.	12-2-22	01-09-2023	Ref drawing A5.01 detail 18-21 & Specification 09 30 13- Porcelain tile is called out per note 09-36 on drawing A5.01. Specification and finish schedule does not provide finish information for PT-4. Can further information be provided for PT-4?	PT-4: Daltile Colorwheel Linear, 6x18, Matte Architectural Gray 0709, Staggered brick joint (overlap not to exceed 33%), 1/8” spacing, Or Approved equal.

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13.	12-2-22	01-09-2023	Ref drawing A1.20- Please clarify if M6A type wall shown at mechanical room BD-117 meets the 2-hour rating.	Change South and East 6" stud walls to M6C for 2-hour rated assembly.
14.	12-2-22	01-09-2023	Ref drawing A1.20 & A1.21- What type of expansion joint is required at 1st floor level and roof level where decks meet the existing wall? Is a 2hr fire barrier required in addition to finish expansion joints at corridor access points into the basement and 1st floor area?	See detail 3/A1.44 for reference of locations for basement level and first level, floor joint shall be CS-DGTP or equal, and match wall rating. 1 Hour at Basement and 2 Hour at 1 st floor. See 6/A401 for roof expansion joint.
15.	12-5-22	01-09-2023	Spec section 22 40 00 fixtures P-420 counter mounted lavatory sink states to use a chair carrier support with exposed arms. How is a carrier support with arms used for a countertop mounted sink?	Remove reference to install carrier support.
16.	12-5-22	01-09-2023	SH-1 P-703 is in the spec book but not on the plumbing schedule.	Provide per specification manual.
17.	12-5-22	01-09-2023	HR-1 is on the schedule but not in the spec book as noted on sheet P-601 note # 2.	Provide per plan schedule.
18.	12-5-22	01-09-2023	WC-2 P-114 is on the schedule but not on the plan.	Please refer to Toilet #1D-182 on plan sheet P-104.
19.	12-5-22	01-09-2023	P-501 is in the spec book but not on the plans.	Remove reference for P-501 in the specification manual.
20.	12-5-22	01-09-2023	P-105 roof plumbing plan calls out the roof drains but are not on the schedule or in the spec book.	See attached spec section 22 14 00 Facility Storm Drainage for roof drain specification.
21.	12-5-22	01-09-2023	Spec section 22 40 00 section 3.3 Waterless urinals states to provide operating manual and onsite training for the proper care and maintenance of the urinals. However, there are no urinals on the plans, schedule or in the specs.	Remove reference to waterless urinals in part 3 of specification manual referenced.
22.	12-5-22	01-09-2023	Is floor sloping (by ceramic tile contractor) required at BD133 Wet Room? If so, how deep will the hold-out be?	Yes, see revised drawing sheets SB101, A1.20 contained in Addendum 1 Arch Drawings & Addendum 1 Structural Drawings

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23.	12-5-22	01-09-2023	If sloping is required, floor tile should be a mosaic 2"x2" to allow for slope. 12"x24" do not slope well. Waterproofing for BD133 Schluter Kerdi membrane requires using Schluter drains. Please advise.	Provide coordinating drains and drainage membrane. Use Daltile Keystones, Uptown Taupe Speckle (2) D202, 2x2 Mosaic for the flooring in BD133, or approved equal.
24.	12-5-22	01-09-2023	Regarding Room Finish A5.0 A) BD 118A calls for 5' wainscot outside of shower. Details 22-26 A5.01 show full height. Please advise. B) BD 113 calls for PT-2 full ht. all walls. Details 18-21 A5.01 calls for PT-4 (09-36). Please advise.	A) A5.0 notes for BD118A say to reference elevations. No finished height is called out on Sheet A5.0. Use Details 22-26 for desired tile height. B) BD113 is a Program Support Assistant Office, no tile is specified for this space. Details 18-21 refer to BD133. Please use PT-4, for the walls in BD133. See revised drawing sheet A5.00 in Addendum 1 Arch Drawings
25.	12-5-22	01-09-2023	All details for Toilet walls on A5.01 show PT-2 as a 12"x24". Sect. 09 06 00 list PT-2 as a 6"x24". Please clarify.	09 06 00 does not specify size for PT-2. 09 30 13 lists the incorrect size for PT-2. Use 12x24 as the correct size. Layout pattern as shown on A5.01.
26.	12-5-22	01-09-2023	Can Cementitious Backer Units be moved to the gypsum/sheetrock section. Much cheaper for them to install.	Yes
27.	12-5-22	01-09-2023	For PT-1 Base, do you want to use a 6"x12" cove or cut a 12"x24" down to a 6"x24"? Spec. 09 30 13.2.4.A.	6x12 cove
28.	12-6-22	01-09-2023	Can grooved pipe and fittings be used for hydronic piping?	Grooved piping may not be used for hydronic piping.
29.	12-6-22	01-09-2023	What percentage of welds must be X rayed and inspected?	Testing and inspection of welding shall be as per requirements of the IBC and AWS.
30.	12-6-22	01-09-2023	Is there a detailed drawing for the radiant ceiling panels?	Yes, provided detail 7/M5.10 contained in Addendum 1 Arch Drawings

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31.	12-6-22	01-09-2023	Is there a detailed drawing for the fin tube radiation heaters?	Yes, provided detail 8/M5.10 contained in Addendum 1 Arch Drawings
32.	12-6-22	01-09-2023	Ref specification 09 65 19- What layout pattern is required for PT-1 floor tile in bathrooms?	09 65 19 is for Resilient Tile Flooring (LVT). No LVT is specified for bathrooms. For PT-1 layout in restrooms, please use grid layout, aligned with wall tile.
33.	12-6-22	01-09-2023	Ref specification 09 60 00 Schedule for Finishes- The selected color name and number is no longer available for floor tile PT-1. What other color name and number should be considered for bid purposes?	09 60 00 is not a Spec section for this project. PT-1 Unity Ashgrey P405 in textured finish has been verified as available. This is the required tile by Specification 09 30 13 Tiling.
34.	12-7-22	01-09-2023	Is there any nurse call in the electrical scope? Currently, there is no nurse call per specifications and bid documents.	Nurse call not required on this project.
35.	12-13-22	01-09-2023	Condensate pump BD117-CP-1 is on the plan and in the spec book but is not on the schedule M 4.00. What manufacturer and model number is needed?	Condensate pump added to schedule sheet M4.00. Reference Addendum 1 Mechanical Drawings
36.	12-13-22	01-09-2023	In the spec section HVAC water treatment 23 25 00 2.2 paragraph D calls for a pot feeder but is not on plan or the mechanical schedule M 4.00. Also, there is no detail on how to pipe the pot feeder.	Contractor to install Pot feeder upstream of HX's as shown on M6.01. Install per manufacturer's instructions. Reference Addendum 1 Mechanical Drawings
37.	12-13-22	01-09-2023	Also, in the same section 23 25 00 2.3 paragraph B states to provide extra glycol the spec section calls for 40% for the chilled water system and 25% for the preheat hydronic system. However, on the plans call for 50% for the preheat system and 50% for the chilled water system.	Use 50% glycol percentage for each.
38.	12-13-22	01-09-2023	On sheet M 1.00 there is a static pressure (SP) line in rooms BD-110. BD-115, BD-116 and BD-117. There isn't a starting point or ending point noted on the plans. Also, there is no size for the line.	The SP reference is for a smoke/fire rating in wall.

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39.	12-13-22	01-09-2023	On sheet M 2.00 shows the intake louver L-4 on the Westside of the basement level. Does this intake have to meet the VA's anti-terrorism specifications to install at 30 feet above ground level?	<p>Yes, intake louver has to be minimum 30' above finish grade to meet PSRDM requirements. AE relocated intake to roof with a new penthouse louver. Windows and louvers removed from elevations, additional steel framing added and revisions to mechanical and electrical in this area. See revised architectural and structural sheets issued in this addendum: A1.02, A1.21, A1.51, A1.60, A2.00, A5.10 & A5.11</p> <p>Sheet M200 revised ductwork in basement Sheet M201 revised ductwork on First Floor Sheet M 210 added louver on roof Sheet SB101 revised to show slope in concrete floor for drain in wet room. Sheet SF101 revised to show opening in floor framing for duct penetration. Sheet SF102 revised to show opening in floor framing for duct penetration and include lintel callouts for wall openings. Refer to Addendum #1 Plumbing, and Electrical sheets for adjustments in this area.</p>
40.	12-13-22	01-09-2023	On sheet M 5.11 detail #1 calls out (2) motorized isolation valves. What manufacturer or model number is required? There is nothing in the spec book. Who is responsible for supplying them, the mechanical contractor or the controls contractor?	<p>AE does not designate or delegate trade purchase. Contractor to follow spec in DDC controls for type and style of actuators.</p>
41.	12-13-22	01-09-2023	Ref drawing DT102- will a specification be provided for the crash barrier gate? What is the distance between the stations? Is the unit hydraulic, electric, or manually operated?	<p>The basis of design manufacture and details are located on sheet DT102. See electrical sheets for information regarding electrical connections. The opening is 25'.</p>

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42.	12-15-22	01-09-2023	Spec Section 01 00 00 General Requirements, Section 1.3.B states there is a security gate and bollards associated with the security gate as shown on the Civil and Electrical Drawings. How many bollards total are included in bid Item 3 (Deduct 2)?	29 Bollards
43.	12-15-22	01-09-2023	Spec Section 01 00 00 General Requirements, Section 1.3.B states there is a security gate and bollards associated with the security gate as shown on the Civil and Electrical Drawings. Is the retaining wall and associated work with notation of “Alternate 2” on page CS100 part of Bid Item 3 (Deduct 2)?	No
44.	12-15-22	01-09-2023	Spec Section 01 00 00 General Requirements, Section 1.3.B states there is a security gate and bollards associated with the security gate as shown on the Civil and Electrical Drawings. If the retaining wall and associated work on page CS100 is a part of Bid Item 3 (Deduct 2) and is to be removed, can you please provide a detail of what that area looks like with the retaining wall removed?	Retaining wall to remain.
45.	12-15-22	01-09-2023	Spec Section 01 00 00 General Requirements, Section 1.3.B states there is a security gate and bollards associated with the security gate as shown on the Civil and Electrical Drawings. Is the handrail with notation of “New Handrail See SHT DT100” on page CS100 part of Bid Item 3 (Deduct 2)?	No
46.	12-15-22	01-09-2023	Drawing SC 100 has a note “New Retaining Wall (See Structural Plans for Details)”, Can you please provide the Structural plans referenced?	See revised S-602 Sheet for Site Retaining wall Schedule and Detail contained in Addendum 1 Structural Drawings
47.	12-15-22	01-09-2023	Spec Section 01 00 00 General Requirements, Section 1.6.K, calls for the construction fence to be 7’ minimum height. Can we please use a 6’ tall fence since it is more readily available?	6’ Fence is acceptable.

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48.	12-15-22	12/29/2022	Spec Section 01 00 00 General Requirements, Section 1.6.P, states we are to coordinate work with other construction projects. What other current construction projects will be taking place during this project and what dates, duration, and other possible interruptions will other construction projects affect this project?	This note is included to alert the bidders that there may be other construction work by other contractors in the area and they may need access to the site in order to perform work they are contractually obligated to provide such as replacing adjacent roof(s), electrical feeders pulls and other associated electrical work of which some work may be within the designated work area for this project. Reference Addendum 1 Electrical Drawings
49.	12-15-22	12/29/2022	Spec Section 01 33 23 Section 1.3 call for the use of submittal exchange. Can we use Procore instead of Submittal exchange or do we have to use Submittal Exchange for all official submittals with the VA?	Procore may be used provided it is compatible with VA requirements. The construction contractor shall provide the Procore software and access to the site. At the end of the job, the construction contractor shall provide VA with all the project information contained within Procore to the referenced project for the VA's record document files.
50.	12-15-22	12/29/2022	Spec Section 01 33 23 Section 1.10.D states the VA review period is 21 days. Does that include the VA provided AE review time as well?	The 21-day period does include the A/E review time.
51.	12-15-22	12/29/2022	Spec Section 01 35 26 Section 1.4.B.b.2, has a contract number already filled in. What is that contract number for?	The contract number listed does not apply, disregard. The contract number required in this location will be the construction contract number.
52.	12-15-22	12/29/2022	Spec Section 01 35 26 Section 1.7.C, calls for the SSHO to be a separate qualified individual from the Prime Contractor's Superintendent and/or Quality Control Manager with duties only as the SSHO. Does the SSHO have to be a direct employee of the Prime Contractor?	No, the SSHO does not have to be a direct employee of the Prime Contractor but shall be hired by the Prime Contractor.
53.	12-15-22	12/29/2022	Will the Contractor Quality Control (CQC) System Manager be required to have no other duties other than quality control?	Only those listed in specification

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54.	12-15-22	12/29/2022	Will the CQC System manager be required on the site at all times during construction and be directly employed by the Prime/General Contractor?	Not required to be on-site at all times and not required to be directly employed by the Contractor. The spec states that this individual is to be retained by the Prime Contractor.
55.	12-15-22	12/29/2022	Will the CQC System Manager and Alternate CQC System Manager be required to have completed the Construction Quality Management (CQM) for Construction course offered by the Naval Facilities Engineering Command and the Army Corps of Engineers?	Not required to complete Naval Facilities Engineering Command
56.	12-15-22	12/29/2022	Spec Section 01 35 26 Section 1.9.B calls for a Certified Safety Professional (CSP) to make monthly inspections. Is there a specific credential the VA is looking for the CSP to have?	Spec Section 01 35 26 Section 1.9.B requires the individuals certificate number be provided.
57.	12-15-22	12/29/2022	Spec Section 01 35 26, section 1.18.F calls for a Professional Engineer designed excavation protection system. Is this VA or contractor provided?	Excavation design shall be by a Professional Engineer hired by the contractor.
58.	12-15-22	12/29/2022	Spec Section 01 45 35, section 1.4.J, references spec section 01 45 00.00 10 Quality Control. Can you please provide spec section 01 14 00.00 10 Quality Control?	Delete Section 1.4.J reference to 01 45 00 Quality Control
59.	12-15-22	01-09-2023	Spec Section 01 57 19 Temporary Environmental Controls has a label "50% Specifications" at the top margin. Is this the correct spec section for the Construction Documents?	The 50% header was not edited out of the header, the specification is in fact the final copy.
60.	12-15-22	01-09-2023	Will any of the commissioning for this project require commissioning services for existing systems in the building? One concern is commissioning of the fire suppression system. This project includes changes to the existing system. Are we going to have to recommission the entire existing fire suppression system?	Testing + commission will be isolated to the new systems (existing systems can be isolated via control valves during hydrostatic testing). Specification section 21 08 00 calls for Cx of fire suppression systems. Commissioning is required for system as related to newly installed fire sprinkler systems on this project, with addition of flow test of tie to existing fire sprinkler riser.

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61.	12-15-22	01-09-2023	Will any of the commissioning for this project require commissioning services for existing systems in the building? One concern is commissioning of the HVAC system. This project includes changes to the existing system. Are we going to have to recommission the entire existing HVAC system?	HVAC Commissioning for this project will be strictly required for all newly installed HVAC components on this project, while reviewing that all new components are graphically shown on existing BAS.
62.	12-15-22	01-09-2023	Spec Section 05 12 00, Section 1.5 calls for AISC Certified Erector and certified plant and requires satisfactory service on five similar installations for minimum five years. What shall be deemed acceptable for similar installations?	Steel framed multi-story commercial buildings of multiple bays in width and length.
63.	12-15-22	01-09-2023	Is there a basis of design for the curtain wall specified in Spec Section 08 44 13?	Kawneer, or approved equal.
64.	12-15-22	01-09-2023	Spec Section 08 44 13, section 1.3 Qualifications states that the Manufacturer and Installer have 5 years of experience with projects of equivalent size. What shall be deemed acceptable for equivalent size? (i.e. square footage of curtainwall, square footage of building, etc.)	Contractor shall provide examples of experience for equivalent square footage and multi-story complexity.
65.	12-15-22	01-09-2023	Spec Section 07 84 00 section 1.5 calls Installer qualifications to be from a firm approved by FM Global according to FM 4991 or have been evaluated by UL and found to comply with UL's "Qualified Firestop Contractor Program Requirements". Is there any satisfactory service or experience requirements for the fireproofing installer?	No. Please meet the requirements of the VA specification.
66.	12-15-22	01-09-2023	Sheet CS100 Identifies a Retaining wall to be installed paralleling the new road. I am not seeing any details or plans in any of the structural or arch drawings. Can the VA please provide?	Concrete retaining wall details to be provided in addendum #1 drawings. Reference Addendum 1 Civil Drawings & Addendum 1 Structural Drawings.

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67.	12-15-22	01-09-2023	Sheet CS100 & CU100 Identify a Concrete Storm Basin & Retaining Wall. I am not seeing any plans or details for this in any of the structural or arch drawings. Can the VA please Provide?	Concrete retaining wall details to be provided in addendum #1 drawings. Reference Addendum 1 Civil Drawings & Addendum 1 Structural Drawings.
68.	12-15-22	01-09-2023	Sheet CD100 Identifies for the remove and replace sanitary cleanout & manhole. Sheet CU103 Does not identify a new manhole, only cleanouts. Does a new manhole need to be installed?	The sanitary sewer manhole and line running under the expansion needs to be removed. The sanitary line will be replaced with a 12' epoxy coated steel line and a cleanout located where the existing service enters from the existing building.
69.	12-15-22	12/29/2022	Is there a profile for the new watermain to be installed, or something to identify the watermain depth?	Contractor shall verify. The new water main bury depths shall match existing at the Fargo VA. Most are approximately 8' below grade.
70.	12-15-22	01-09-2023	Drawing G0.10 Phase I states to perform site demolition work identified in Civil Drawings. After Reviewing the Civil Drawings, we cannot find a phasing plan. Can the VA please provide a phasing plan for Civil work?	General Contractor to facilitate site demolition and construction phasing to coordinate with operations of the Fargo VAMC. Phasing shall ensure site and building utilities stay operational to provide service to the existing building/hospital. Submit plan to Fargo VA for review and approval.
71.	12-15-22	01-09-2023	Drawing CS 100 calls for a retaining wall near the floodwall appearing to be around the concrete storm water basin. Can you please provide a detail for that retaining wall?	Concrete retaining wall details to be provided in addendum #1 drawings. Reference Addendum 1 Civil Drawings & Addendum 1 Structural Drawings.
72.	12-15-22	01-09-2023	Can you please provide clarification on drawing CS 100 for what work is to be a part of Alternate 2?	See bold dashed line type and 'Alternate 2' annotation for extent of Deduct Alternate 2 on Sheet CS100. This work coincides with Spec Section 01 00 00 General Requirements, Section 1.3.B Bid Item 3 (Deduct 2)
73.	12-15-22	01-09-2023	Is the work referenced as Alternate 2 on drawing CS 100 the same as Spec Section 01 00 00 General Requirements, Section 1.3.B Bid Item 3 (Deduct 2)?	Yes

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74.	12-15-22	01-09-2023	What is the depth of the utilities to be removed on Sheet CD100?	Each item defined for removal is constructed at different depths. A PDF of the survey is included with the responses.
75.	12-15-22	01-09-2023	Can you please provide as built for existing utilities in the project work area?	A PDF of the survey is included with the responses. Reference Addendum 1 Civil Drawings.
76.	12-15-22	01-09-2023	Drawing CU 102 Storm Lateral 1 shows the existing floodwall in the area of the concrete storm water basin. Is the concrete storm water basing outside the existing floodwall foundation?	The plans have been updated to show the existing floodwall and pump house building based on the <u>FLOOD CONTROL RED RIVER OF THE NORTH FARGO, NORTH DAKOTA</u> plans dated April 2007. Based on this information, the footings for the new walls will be below the proposed retaining walls but soils will be disturbed adjacent to the walls. A Geotechnical Engineer will need to be onsite and overseeing placement of backfills during construction activities.
77.	12-15-22	01-09-2023	Are there any special requirements for recertifying the floodwall after excavating so close to and below the existing floodwall foundation?	Refer to geotechnical report for disturbed soils adjacent to the flood wall.
78.	12-15-22	01-09-2023	Drawing FP1.00 identifies an existing underground fire main to be removed and to see civil plans. What depth is this underground fire main?	Contractor to verify. Approximately 8' below grade, but each item defined for removal is constructed at different depths. A PDF of the survey is included with the responses. Reference Addendum 1 Civil Drawings & Addendum 1 Fire Alarm and Sprinkler Drawings_01.
79.	12-15-22	01-09-2023	Drawing FP1.00 identifies an existing underground fire main to be removed and to see civil plans. Is this the same remove water pipe note on drawing CD100?	Yes

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80.	12-15-22	01-09-2023	Can you please provide structural and architectural details for the concrete storm water facility noted on details 1/CG100 and 2/CG100?	See Revised Sheet S-602 and additional notes in this area on the Revised Civil Sheets. Reference Addendum 1 Civil Drawings & Addendum 1 Structural Drawings.
81.	12-15-22	01-09-2023	Can you please provide structural and architectural details for the pond noted on details 3/CG100?	Concrete retaining wall details to be provided in addendum #1 drawings. Reference Addendum 1 Civil Drawings & Addendum 1 Structural Drawings.
82.	12-15-22	01-09-2023	Drawing A1.41 detail 7 shows metal backing. Is any of the backing on this project required to be bariatric rated? If yes, can you please provide details and locations?	No
83.	12-15-22	01-09-2023	Detail 3/A3.10 references the foundation drainage system and to reference the civil and structural drawings. Can you please provide these?	Note added to the Civil plan sheets for the perimeter drain behind the landscape wall to outfall through the wall at 30' on center locations. The perimeter drains for the stormwater facility and pumphouse to outfall into adjacent manholes. Reference Addendum 1 Civil Drawings.
84.	12-15-22	01-09-2023	Sheets SB501 & SB502 have several details that identify drain tile and to see civil drawings. I was unable to find anything in civil regarding building drain tile. Can you please provide the drawings referenced?	A profile has been added to the civil storm sheet CU101 to show the outfall storm pipe and outfall manhole. Provide size, material, and slope of pipe contained in Addendum 1 Civil Drawings.
85.	12-15-22	01-09-2023	Can you please provide more detail for identifying aggregate base requirements under the pavement/sidewalk areas? (I.E. aggregate thickness, any granular requirements under the aggregate base, etc)	For all pavement design questions and concerns, contractor to refer to the geotechnical report included in this addendum.
86.	12-15-22	01-09-2023	Can you please provide details for Civil Drawing requirements? (I.E. Sidewalks, Curb and Gutter, Concrete stoops, new road, etc)	Details from the City of Fargo have been added to the detail sheet for sidewalks and curb & gutter. See revised sheet DT101. Reference Addendum 1 Civil Drawings.

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87.	12-15-22	01-09-2023	Detail 2/A4.01 Floor System states to see structural, the structural drawing details such as maybe detail B4/SF502 that appears to match states to see plan and plan notes. What plan and plan notes are referenced?	B4/SF502 is referenced from D1/SF101 (as noted on the detail). See that plan and notes on that plan for details of the floor slab on metal deck.
88.	12-16-22	01-09-2023	Figure 1 on page M5.11, the schematic on page M6.01 and the heat exchanger diagram on page M6.03 are all different. Can you advise which diagram is correct, particularly interested in the motorized isolation valves?	All steam control valves shown on plans for the referenced heat exchangers to be provided. The motorized isolation valves on the hydronic side of both heat exchangers are also required. Provided by contractor.
89.	12-16-22	01-09-2023	Any known existing thickness and reinforcement of the asphalt/concrete?	Contractor to verify. Assume 8" at concrete and asphalt paving
90.	12-16-22	01-09-2023	Any available detailed drawing of the storm drainage basin - assuming it is different from the rest of the civil work.	See revision to S-602 for retaining wall detail and additional notes in this area on the revisions to the Civil Sheets. Stormwater facility is concrete bottomed area with retaining walls. The eastern end is design as a ramp to allow the facility to back a pump trailer in and hook up to the PTO pipe in the event that the pump house can't keep up with flow or there is an emergency situation. Seams and joints need to have neoprene seals to prevent excess seepage from the facility. Reference Addendum 1 Civil Drawings & Addendum 1 Structural Drawings.
91.	12-29-2022	01-09-2023	Ref drawing E101 -Feeder from MH-11 to T-38 is marked "New 3 Leg Feeder (120-208 3 PH) Parallel 300KCM for Existing 800A, SWBD-1 Shops Gear Located in BD-83." Verify feeder from MH-11 to T-38 is incorrectly marked as 120-208V secondary feeder and is actually the primary new UG Duct Bank.	Feed to existing transformer from Manhole 11 indicated is incorrectly labelled as 120-208V. The section labelled this way is Medium Voltage Power (4160V) and should use (3) 4/0 + 1/0 CU ground as indicated leading up to Manhole 11.

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92.	12-29-2022	01-09-2023	Ref drawing E004 detail 8- The panel feeder sizes noted on the Riser Diagram do not match the feeder breaker size. The panel feeder size indicated on the panel schedules per Sheets E001 & E002 are also different from those noted on the Riser Diagram. Please verify panel feeder sizes and requirements.	Feeders were originally upsized for Voltage drop due to the long distance they would need to run. Panel ES10S5 shall be fed (4) 300 kcmil THHN + #2 ground in 2-1/2" EMT, Panel EB10S5 shall be fed (8) 350 kcmil THHN + 2/0 ground in 4" EMT, and panel 10S5 be fed (8) 300 kcmil THHN + 2/0 ground in 4" EMT
93.	12-29-2022	01-09-2023	Feeder from Manhole MH-11 to Transformer T-38 per SD 2/E101 Feeder from MH-11 to T-38 is marked "New 3 Leg Feeder (120-208 3 PH) Parallel 300KCM for Existing 800A SWBD-1 Shops Gear Located in BD-83." Verify feeder from MH-11 to T-38 is incorrectly marked as 120-208V secondary feeder and is actually the primary new UG Duct Bank.	Feed to existing transformer from Manhole 11 indicated is incorrectly labelled as 120-208V. The section labelled this way is Medium Voltage Power (4160V) and should use (3) 4/0 + 1/0 CU ground as indicated leading up to Manhole 11.
94.	12-29-2022	01-09-2023	<p>Steam reducing station is a 1/3 – 2/3 set up. But we need the following information:</p> <ul style="list-style-type: none"> A. What is the HP steam pressure/temperature? B. What is the LP steam pressure/temperature? C. What is the total load in LB/HR of low-pressure steam? D. What is the LB/HR requirement for the Pressure Relief valve indicated on detail E. Are they sure they want a F&T trap on the HP side of the Reducing station? Usually, a Bucket or Thermostatic disc. All information they have for this is better. F. The Steam Pressure Reducing Valves are covered in the Specifications, just not the load information we need to size them. 	<p>Steam reducing station is a 1/3 – 2/3 set up. But we need the following information:</p> <ul style="list-style-type: none"> A. 100 PSI/325F B. 10 PSI/310F C. 3375 LBS/HR D. 15 PSI/22560 lbs/Hr E. Contractor to supply and install inverted bucket trap.

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95.	12-29-2022	01-09-2023	Condensate Receiver – CP-1 A. Duplex or Simplex? B. GPM of Pump(s) at what PSI. C. Size of receiver. Gallons? D. Pump information – HP, RPM, ODP or TEFC, Voltage? E. Panel requirements. NEMA rating? fused disconnect?	Contractor to provide B&G 23CB15-40 or equal condensate pump.
96.	12-29-2022	01-09-2023	Panel feeder sizes per SD 8/E004 Riser Diagram The panel feeder sizes noted on the Riser Diagram do not match the feeder breaker size. The panel feeder size indicated on the panel schedules per Sheets E001 & E002 are also different from those noted on the Riser Diagram. b. Verify panel feeder sizes and requirements.	Feeders were originally upsized for Voltage drop due to the long distance they would need to run. Panel ES10S5 shall be fed (4) 300 kcmil THHN + #2 ground in 2-1/2" EMT, Panel EB10S5 shall be fed (8) 350 kcmil THHN + 2/0 ground in 4" EMT, and panel 10S5 be fed (8) 300 kcmil THHN + 2/0 ground in 4" EMT
97.	01/03/2023	01-09-2023	There is reference to the geo report in the specs and it states it is attached to the end of section 01 00 00 but it is not attached. Is this available for review and bidding purposes?	Reference Final Geotechnical Report - VA Bldg 1 Expansion – Fargo.

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