

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #1

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Section 2 of the RUS Form 830 doesn't include Builder Risk Insurance, but Exhibit A states that Builder's Risk Insurance is required. Please clarify all insurance requirements for this contract.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Exhibit A details the insurance requirements for this project and the insurance summary lists the minimum insurance requirements to be covered in the Bidder's proposal price.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #2

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Does this contract require a certified payroll reporting?

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Per point 6 of the included, "Affidavit of Compliance with the Prevailing Wage Law," the City of Nixa will receive payroll records that would be sufficient for the Missouri Department of Labor and Industrial Relations.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #3

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Drawing details for breaker control and power wiring are not included in the bid package. Please clarify the wiring runs for each conduit and termination points for each cable.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Please see the cable/conduit schedule on DN-8. For bidding purposes, Bidder to assume termination of all conductors in the cable. Wiring diagrams to be provided during construction.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #4

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

What will be the directed disposition of the wrecked-out material?

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Bidder to legally dispose of wrecked-out material offsite unless otherwise directed by the Owner or Engineer.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #5

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

On drawing DN-M2 some breaker bays are referenced (Item 90-1). This information is not shown on the provided drawings. Please provide guidance on these locations.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Moving from North to South on the East side of the distribution structure, the Feeders are #1, #2, #4 and #5.

Moving from North to South on the West side of the distribution structure, the top bay connects to the transformer, then Feeders #3 and #6, then on empty bay.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #6

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

The elevations shown on DN-9R and DN-9, and DN-10R and DN-10 do not seem to be referenced on any of the drawings provided (particularly referenced DN-2R and DN-2). Please provide these references in either existing drawings or a new drawing.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

DN-2R is the plan view for DN-9R. On DN-9R, elevation B is the West side of the structure; elevation A is the East side of the structure.

DN-2 is the plan view for DN-9. On DN-9, elevation B is the West side of the structure; elevation A is the East side of the structure.

DN-9 references to DN-10 and the same references apply between DN-9R and DN-10R.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #7

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Please verify the primary underground conduit arrangement.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Please see Revised DN-8.

Conduit between Feeder #3 and cable vault/termination cabinet #4 is an existing 6" conduit.

Conduit between Feeder #6 and cable vault/termination cabinet #3 is an existing 6" conduit.

Conduits between Feeder #2 and cable vault/termination cabinet #1 are (3) 3" conduits to be installed by Bidder.

Conduits between Feeder #5 and cable vault/termination cabinet #2 are (3) 3" conduits to be installed by Bidder.

Conduits between cable vault/termination cabinet #4 and Southwest distribution structure are (3) 3" conduits to be installed by Bidder.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #8

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Please provide the manufacturer and catalog number of the 600A junction cabinet and vault to be used.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Junction cabinets supplied by Owner will be Durham/AMS PR36421-0. Vaults supplied by Owner have no number and are ordered by size. The vault is 38"W x 96"L x 36"H with a 4" pad/lid. If the Owner determines there is flooding concerns, they may elect to have a 48"H vault installed and Bidder should quote to as not to require cost increase to Owner if this occurs.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #9

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Is fiber to be capped with a permanent or temporary cap. Please specify more detail on what is required at this location.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Bidder to bring conduit to foundation top of concrete and cap with temporary cap. Others to run conduit up structures and pull fiber.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #10

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

It is assumed that the Control House Pull Box is shown on DN-8. Please verify the views. If the sump drain is currently routed through one of these walls, please indicate which conduit opening it uses.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

The control house pull box is shown on DN-8. The center shows the bottom of the pull box with the hole for the sump pump to sit in. The other four views are shown as if the manhole has fallen open, with top being North interior, right being East interior, bottom being South interior, and left being West interior. The sump drain is routed through the top conduit on the West interior face.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #11

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

To provide these new openings, core drilling of the wall will be required. Will the conduit termination through these new holes require a bell end coupling for exiting into the vault?

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

All new conduit terminations into the pull box will require end bells.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #12

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Is LB at breaker PVC?

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Please see Assembly 11-Low Voltage Wiring Specifications. In particular, section B.4 (Raceways) addresses raceway materials.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #13

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Can two 2" PVC conduits per breaker be used instead of one 4" PVC conduit. This would allow the use of two 2" LTFNM Conduits to the breaker control cabinet.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Bidder to quote for one 4" conduit to each breaker from the control house pull box.

Please see Assembly 11-Low Voltage Wiring Specifications.

In particular, section B.4 (Raceways) addresses raceway materials.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #14

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

This note calls for galvanized rigid conduit to be used above ground for 600V or less but the material supplied includes rigid aluminum as well as PVC and galvanized rigid conduit sweeps. Please clarify the conduit riser arrangement through a specific detail as to what configuration should be used for each riser or vault location.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

For low-voltage circuits, galvanized rigid conduit to be used above ground and PVC conduit to be used below ground.

For primary underground circuits, aluminum conduit to be used above ground for single phase conductors and galvanized rigid conduit to be used for three phase conductors traveling in the same conduit. Primary underground circuits to be installed in PVC conduit below grade.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #15

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Please clarify the ditch backfill detail for the drain. As well, will the new drain be connected to the existing sump pump drain pipe? If so, what is the existing drain pipe size and type.

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Bidder will connect new sump pump drain to existing outlet outside pull box. Existing drain pipe size is 1½" PVC.

Bidder to route drain with slight grade toward egress on the West side of the station. Please see revised DN-8 and DN-M2 for drain details/material.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #16

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Can the grounding grid connections be made by a DMCPower crimper in lieu of an exothermic connection. Refer to the following link for more information.

<https://dmcpower.com/connectors/ground-connectors>

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Engineer will not review alternate materials during the bid process. Bidder to quote per specified materials. Alternate material requests may be made by Bidder following acceptance, providing no cost increase to the Owner results.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #17

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Please provide the specification of the crushed rock substation surfacing rock.

Below are some examples of gradation requirements:

Requirement Sieve	Ditch fill (Base Rock)	Top Rock
1 ½"	0	100
1"	100	90-100
½"	60 – 90	10 – 30
No. 4	35 – 60	0 – 5
No. 30	10 – 35	0
No. 200	0 – 15	0

Submitted By: Bidder

Date: 07/23/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Please see Assembly 3-Crushed Rock Surfacing Specifications. Gradation similar to ASTM #4 to be provided. Gradation information to be provided to Owner/Engineer for acceptance prior placement.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #18

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

Can the fiberglass elbows and risers be used for the primary risers? Please see attached documents for more information on the fiberglass product.

Submitted By: Bidder

Date: 07/25/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Engineer will not review alternate materials during the bid process. Bidder to quote per specified materials. Alternate material requests may be made by Bidder following acceptance, provided no cost increase to the Owner results.

Response By: Toth & Associates, Inc.

Date: 07/25/2019

Contractor's Request for Information (RFI) Form

Technical questions regarding this solicitation should be submitted no later than 5:00 pm local time on **July 25, 2019**, utilizing this RFI Form. Email completed RFI forms in Microsoft Word format to Mr. Zachary R. Marsden at zmarsden@tothassociates.com or submit by fax to (417) 888-0657. RFIs not submitted in compliance with these instructions may not be acknowledged. Please use a separate form for each inquiry.

Project: Downtown Substation 2019 Breaker Addition: Primary Construction

Owner: City of Nixa

Bid Due Date: **8/1/2019**

RFI # (To be Assigned by Toth): #19

TO BE COMPLETED BY CONTRACTOR

Information Requested (include drawing number or specification page number, if applicable):

The material sheet DN-M2 calls for bare 4/0 CU. However, 9-27 calls for it to be tinned and 9-34 call for a native finish. Can 9-27 be provided untinned?

Submitted By: Bidder

Date: 07/25/2019

TO BE COMPLETED BY TOTH & ASSOCIATES

Response:

Please see Assembly 9-Station Grounding Specification. Ground conductor run above-grade to be tinned.

Response By: Toth & Associates, Inc.

Date: 07/25/2019