



Date: February 11, 2020

RE: Duluth International Airport
148th ANG MSA Utility System Repair

Addendum No. 1

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated January 10, 2020. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

BID FORM:

A NEW BID FORM HAS BEEN ISSUED AS PART IF ADDENDUM #1 WITH THE FOLLOWING CHANGES:

Changed Unit of Bid Item P-154-4.1 from LF to CYD

Changed Unit of Bid Item P-154-4.2 from SY to CYD

Changed Quantity of MNDOT 2504.603.a to 530LF.

Changed Quantity of L-108-5.1 to 900 LF.

Changed Quantity of L-108-5.2 to 300 LF.

Changed Quantity of L-115-5.4 to 6 EACH.

Changed Bid Item SP-25 from 1 LSUM to 2 EACH

Replaced responsible contractor form to current version.

THE NEW BID FOR MUST BE UTILIZED

TECHNICAL SPECIFICATIONS:

Special Provision 14 changed to read: "Sanitary holding tank removal shall not occur more than 72 hours prior to the final connection to the operational proposed grinder pump. During this time the contractor shall provide 2-porta johns for ANG use. The existing sanitary holding tank shall be pumped immediately prior to demolition and removal. All components of the tank shall be removed, and voids filled with suitable soil from the project site. Soils shall be approved by the engineer prior to backfilling. Soil must be compacted in lifts not to exceed one foot to reach a minimum final Proctor Density of 95 percent.

Pumping and removal of tank and all components shall be paid for on a LUMP SUM basis, as Septic Tank Removal."



DRAWINGS

Sheet C001: SUMMARY OF QAJTITES AND INDEX OF DRAWINGS – remove and replace with attached.

Sheet C004: SAFTEY PHASEING PLAN – remove and replace with attached.

Sheet E205: PROPOSED ELECTRICAL PLAN SHEET 5 OF 5 – remove and replace with attached.

OTHER

See attached pre-bid meeting minutes, sign-in sheet, and plan holder list.

QUESTIONS

Q: How is the construction affected by the Air Show.

A: There will be no work or site access allowed during the Air Show weekend and practice dates (Thursday-Sunday, July 16-19).

Q: The Plans call to salvage 6” of aggregate to place at the end of the job in some areas. Is this additional/incidental to the ‘Crushed Aggregate Base (CV) CL6 bid item or is this quantity included in the bid item quantity?

A: The 6” of salvaged aggregate is incidental

Q: Is the unclassified excavation for unsuitable backfill material in the pipe trenches that needs to be taken out and replaced?

A: Yes, the unclassified excavation is for unsuitable material.

Q: Are the schedule A items all the work pertaining to the new water utilities and the schedule B items all the work pertaining to the new sanitary utility?

A: No, the schedules are separated based on types if funding. The ANG has funding for repair and funding for new construction. Both schedules are intended to be awarded.

Q: Does the existing 6” WM that is to be abandoned in place need to be sand/grout filled?

A: No, abandoned WM does not need to be filled.

Q: Will it be acceptable to directionally drill the entire 1.5” sanitary line?

A: Yes, it is up to the contractor to decide how to place the pipes, except for STA. 46+14.06 – STA. 48+12.24. See SP-19.



Q: Is the 6" HDPE Sleeve for the sanitary sewer under the taxiway part of the 6" HDPE Water Main bid item or is it incidental to the 1.5" Sanitary main item?

A: The 6" HDPE Sleeve is part of the 6" HDPE Water Main item.

Q: Is Bid bond to be made out to the City of Duluth or the Duluth Airport Authority>

A: The Duluth Airport Authority shall be named on all bonds (bid, performance, payment).

END OF ADDENDUM NO. 1

SP-10 TEMPORARY WATER SERVICE

Water supply shall be provided to the MSA at all times during the duration of construction. Temporary services shall be constructed in accordance with City of Duluth 2019 Construction Standards (2504). The Contractor will be responsible for the submittal of a Temporary Water Service Installation Plan at least 14 days prior to installation, in accordance with section 2504 of the 2019 Construction Standards.

SP-11 REMOVAL OF EXISTING WATERMAIN AND SERVICE PIPE

Watermain and services shall be removed as directed in the plans, and at the direction of the engineer. All watermain removal shall be considered incidental, and no direct payment shall be made unless otherwise noted.

SP-12 REMOVAL OF EXISTING HYDRANT

All existing hydrants within the project limits from STA 0+00.00 through STA 34+00.00 shall be removed. Removal of Hydrant shall include the removal of the hydrant along with all pipe, fittings, blocking, and any other associated components, unless directed otherwise, within 15 feet of the hydrant. Removal of Existing Hydrant shall be paid for by the each.

SP-13 REMOVAL OF EXISTING GATE VALVE AND BOX

All existing gate valves and boxes within the project limits shall be removed. Removal of Gate Valves and Boxes shall include the removal of the valve along with all pipe, blocking, and any other associated components, unless directed otherwise, within 15 feet of the valve. Removal of Existing Gate Valve and Box shall be paid for by the each.

SP-14 REMOVAL OF EXISTING SANITARY HOLDING TANK

Sanitary holding tank removal shall not occur more than 72 hours prior to the final connection to the operational proposed grinder pump. During this time the contractor shall provide 2-porta johns for ANG use. The existing sanitary holding tank shall be pumped immediately prior to demolition and removal. All components of the tank shall be removed, and voids filled with suitable soil from the project site. Soils shall be approved by the engineer prior to backfilling. Soil must be compacted in lifts not to exceed one foot to reach a minimum final Proctor Density of 95 percent.

Pumping and removal of tank and all components shall be paid for on a LUMP SUM basis, as Septic Tank Removal.

SP-15 REMOVAL OF EXISTING CULVERTS

Removal of existing culverts shall be in accordance with MnDOT 2104 Removing Pavement and Miscellaneous Structures.

The contractor shall document existing invert elevations prior to culvert removal. Removal of culverts shall be paid for by the linear foot.

SP-16 SALVAGE AGGREGATE

Aggregates to be salvaged shall be removed from existing locations and stockpiled on site until ready to be placed. The Contractor shall ensure that no subgrade material other than aggregate surfacing is placed into the aggregate stockpiles. The Engineer shall inspect the salvaged aggregate stockpiles prior to final placement to verify the suitability of the material. Placement of salvaged aggregate shall be in accordance with MnDOT 2211 Aggregate Base. Placement, including compaction, shall be incidental to the Salvage Aggregate pay item. Salvage Aggregate shall be paid for per square yard of compacted material directed to be salvaged.

SUMMARY OF QUANTITIES
SCHEDULE A - REPAIR WORK

ITEM NO.	ITEM REF.	WORK ITEM DESCRIPTION	UNIT	QUANTITY	RECORD QUANTITY
SCHEDULE A - REPAIR WORK ITEM					
1	C-102-5.1a	EROSION AND SEDIMENTATION CONTROL	LS	1	
2	C-102-5.1b	TEMPORARY INLET PROTECTION	EACH	3	
3	C-102-5.1c	INSTALLATION AND REMOVAL OF SILT FENCE	LF	1000	
4	C-102-5.1d	SEDIMENT CONTROL WOOD FIBER LOG	LF	400	
5	C-102-5.1e	EROSION CONTROL BLANKET, CATEGORY 3N	SY	100	
6	C-105	MOBILIZATION & GENERAL CONDITIONS	LS	1	
7	M-102	SAFETY AND SECURITY	LS	1	
8	P-101-5.1	SAWCUT BITUMINOUS PAVEMENT, FULL DEPTH	LF	1700	
9	P-101-5.2	SAWCUT CONCRETE PAVEMENT, FULL DEPTH	LF	100	
10	P-101-5.3	BITUMINOUS PAVEMENT DEMOLITION, FULL DEPTH	SY	1450	
11	P-101-5.4	CONCRETE PAVEMENT DEMOLITION, FULL DEPTH	SY	50	
12	P-152-4.1	UNCLASSIFIED EXCAVATION	CYD	1000	
13	P-152-4.2	ROCK EXCAVATION	CYD	2500	
14	MNDOT 2301.504	CONCRETE PAVEMENT 6-INCH	SY	10	
15	MNDOT 2104.501	NEW FIRE HYDRANT AND VALVE	EACH	6	
16	MNDOT 2112.519	SUBGRADE PREPARATION	SY	750	
17	MNDOT 3149.2.B.3	SELECT GRANULAR BORROW (7% MODIFIED)	CYD	300	
18	MnDOT 2211.507	CRUSHED AGGREGATE BASE (CV) CLASS 6	CYD	350	
19	MnDOT 2360.509	TYPE SPWEB340C WEARING COURSE MIXTURE	TON	200	
20	MnDOT 2357.506	BITUMINOUS TACK COAT	GAL	75	
21	MNDOT 2503.503	1.5" HDPE SANITARY LOW PRESSURE MAIN INCLUDING WYES, CLEANOUTS AND CONNECTIONS	LF	50	
22	MNDOT 2504.603a	3" HDPE WATER MAIN, INCLUDING VALVES, FITTINGS AND CONNECTIONS	LF	3500	
23	MNDOT 2504.603a	6" HDPE WATER MAIN, INCLUDING VALVES, FITTINGS AND CONNECTIONS	LF	530	
24	MNDOT 2504.603a	10" HDPE WATER MAIN, INCLUDING VALVES, FITTINGS AND CONNECTIONS	LF	3500	
25	T-901-5.1	SEEDING	ACRE	2.5	
26	T-905-5.2	TOPSOIL (OBTAINED OFF-SITE)	CYD	500	
27	T-908-5.1	MULCHING	ACRE	2.5	
28	L-110-5.1	REMOVAL OF EXISTING CONCRETE ELECTRICAL DUCT	LF	100	
29	SP-12	REMOVAL OF EXISTING HYDRANT	EACH	3	
30	SP-13	REMOVAL OF EXISTING GATE VALVE AND BOX	EACH	4	
31	SP-14	REMOVAL OF EXISTING SANITARY HOLDING TANK	LS	1	
32	SP-15	REMOVAL OF EXISTING CULVERTS	LF	70	
33	SP-20	CULVERT INSTALLATION	LF	70	
34	SP-22	DEMOLITION OF ELECTRICAL H-FRAMES	EACH	2	
35	SP-23	DEMOLITION OF ELECTRICAL POWER POLES INCLUDING OVERHEAD POWER LINES	EACH	7	
36	SP-24	MINNESOTA POWER CABLE AND TERMINATION ALLOWANCE	LS	1	
37	SP-25	MINNESOTA POWER TRANSFORMER PAD	EACH	2	
38	SP-26	DEEP TRENCH ALLOWANCE	LS	1	

SCHEDULE B - MINOR CONSTRUCTION

ITEM NO.	ITEM REF.	WORK ITEM DESCRIPTION	UNIT	QUANTITY	RECORD QUANTITY
SCHEDULE B - MINOR CONSTRUCTION					
1	C-102-5.1b	TEMPORARY INLET PROTECTION	EACH	2	
2	C-102-5.1c	INSTALLATION AND REMOVAL OF SILT FENCE	LF	2500	
3	C-102-5.1d	SEDIMENT CONTROL WOOD FIBER LOG	LF	300	
4	C-102-5.1e	EROSION CONTROL BLANKET, CATEGORY 3N	SY	150	
5	P-101-5.1	SAWCUT BITUMINOUS PAVEMENT, FULL DEPTH	LF	300	
6	P-101-5.2	SAWCUT CONCRETE PAVEMENT, FULL DEPTH	LF	50	
7	P-101-5.3	BITUMINOUS PAVEMENT DEMOLITION, FULL DEPTH	SY	400	
8	P-101-5.4	CONCRETE PAVEMENT DEMOLITION, FULL DEPTH	SY	50	
9	P-152-4.1	UNCLASSIFIED EXCAVATION	CYD	500	
10	P-152-4.2	ROCK EXCAVATION	CYD	500	
11	MNDOT 2301.504	CONCRETE PAVEMENT 6-INCH	SY	10	
12	MNDOT 2112.519	SUBGRADE PREPARATION	SY	750	
13	MNDOT 3149.2.B.3	SELECT GRANULAR BORROW (7% MODIFIED)	CYD	100	
14	MnDOT 2211.507	CRUSHED AGGREGATE BASE (CV) CLASS 6	CYD	350	
15	MnDOT 2360.509	TYPE SPWEB340C WEARING COURSE MIXTURE	TON	100	
16	MnDOT 2357.506	BITUMINOUS TACK COAT	GAL	75	
17	MNDOT 2503.503	1.5" HDPE SANITARY LOW PRESSURE MAIN INCLUDING WYES, CLEANOUTS AND CONNECTIONS	LF	5450	
18	T-901-5.1	SEEDING	ACRE	1.5	
19	T-905-5.2	TOPSOIL (FURNISHED FROM OFF-SITE)	CYD	500	
20	T-908-5.1	MULCHING	ACRE	1.5	
21	L-108-5.1	1/C NO. 6 AWG, 600V, THWN-2, INSTALLED IN DUCT BANK OR CONDUIT - LIGHT POLE POWER CABLE	LF	900	
22	L-108-5.2	1/C NO. 6 AWG, 600V, THWN-2, INSTALLED IN DUCT BANK OR CONDUIT - GRINDER PUMP POWER CABLE	LF	300	
23	L-110-5.2	1-WAY, 3" SCHEDULE 80 PVC ELECTRICAL CONDUIT, CONCRETE ENCASED	LF	3350	
24	L-110-5.3	2-WAY, 5" SCHEDULE 80 PVC ELECTRICAL CONDUIT, DIRECTIONALLY DRILLED	LF	200	
25	L-110-5.4	1-WAY, 2" RIGID GALVANIZED STEEL (RGS) CONDUIT, DIRECT BURIED	LF	300	
26	L-115-5.4	ELECTRICAL HANDHOLE	EACH	6	
27	L-131-5.1	LIGHT POLE WITH 1 LED LUMINAIRE AND FOUNDATION	EACH	1	
28	SP-10	TEMPORARY WATER SERVICE	LSUM	1	
29	SP-17	LOW PRESSURE AIR RELIEF SYSTEM	EACH	3	
30	SP-18	LOW PRESSURE PUMP UNIT	LS	1	
31	SP-26	DEEP TRENCH ALLOWANCE	LS	1	

INDEX OF DRAWINGS

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C003	CONTRACT LAYOUT PLAN AND GENERAL NOTES
C004	SAFETY PHASING PLAN
C005	GEOTECHNICAL BORING LAYOUT & INFORMATION
C006	HORIZONTAL AND VERTICAL CONTROL PLAN AND NOTES
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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer or Architect under the laws of the State of Minnesota.
Print Name: Darren Christopher
Signature: *Darren Christopher*
Date: 01/10/2020 Reg. No.: 45052

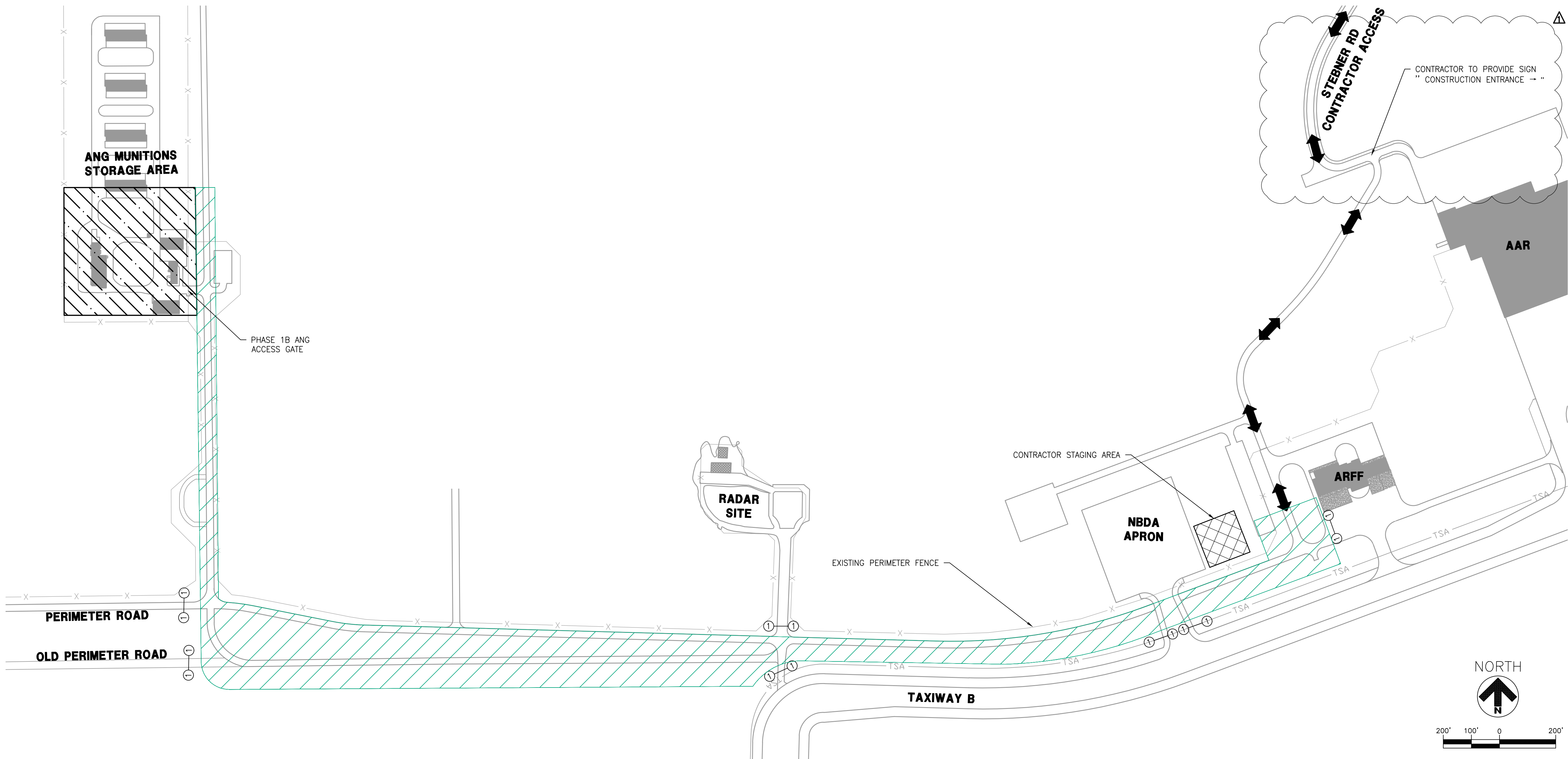
NO.	DESCRIPTION	DATE
Δ	ADDENDUM #1	2/11/20

DATE ISSUED: 01-10-2020
REVIEWED BY: DKC
DRAWN BY: AGS
DESIGNED BY: AGS

AEP PROJECT NUMBER
214-1822-001
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SHEET TITLE

SUMMARY OF
QUANTITIES
AND INDEX OF
DRAWINGS

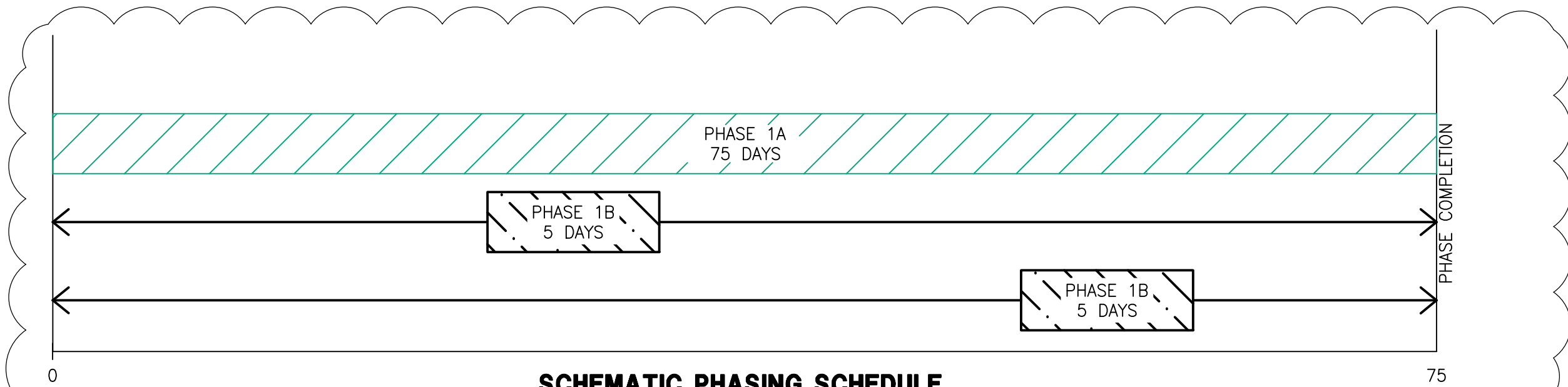
SHEET NUMBER
C001
BID
DOCUMENTS



LEGEND

- SITE ACCESS/ HAUL ROUTE
- CONTRACTOR STAGING AREA
- PHASE 1A LIMITS
- PHASE 1B LIMITS
- LOW-PROFILE BARRICADE LOCATION WITH PHASE NUMBER NOTATION
- TAXIWAY SAFETY AREA

PHASE I CONTRACT TIME = 75 CALENDAR DAYS



SCHEMATIC PHASING SCHEDULE

PHASING NOTES

- THE CONTRACTOR IS TO PROVIDE A MINIMUM OF 72 HOURS NOTICE PRIOR TO STARTING ANY CONSTRUCTION PHASE. WORK WITHIN MN AIR NATIONAL GUARD SECURE MUNITIONS AREA (PHASE 1B) WILL REQUIRE AN ANG ESCORT TO BE PRESENT AT ALL TIMES. WORK IN THIS AREA WILL NOT BE PERMITTED WITHOUT PRIOR APPROVAL.
- WORK WITHIN 107' OF ANY TAXIWAY CENTERLINE SHALL REQUIRE THE CLOSING OF THAT TAXIWAY FOR THE DURATION OF CONSTRUCTION ACTIVITIES. IT IS NOT EXPECTED THAT CONSTRUCTION ACTIVITIES WILL TAKE PLACE INSIDE THE TAXIWAY SAFETY AREA DURING THIS PROJECT. ALL WORK WITHIN THE TSA WILL REQUIRE 72 HOURS NOTICE PRIOR TO PERFORMING THIS WORK.
- DURING THE PROJECT THE CONTRACTOR IS TO PROVIDE WEEKLY SCHEDULE UPDATES TO THE ENGINEER AND THE OWNER TO ALLOW THE OWNER TO ISSUE ANY ADDITIONAL NOTAMS THAT MAY BE REQUIRED.
- THE CONTRACTOR WILL NOT BE ABLE TO ACCESS THE SITE OR PERFORM WORK FROM JULY 16-19, 2020.

PHASE 1A (75 CALENDAR DAYS)

ALL CONTRACTOR EQUIPMENT SHALL BE MOVED TO THE NORTH SIDE OF THE PERIMETER ROAD AT THE END OF EACH WORKING DAY TO PREVENT INTERFERENCE WITH RUNWAY AND MAINTENANCE OPERATIONS.

THE WORK PERFORMED IN THIS PHASE SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

- LOCATING EXISTING UTILITIES
- STAKING PROPOSED UTILITY ROUTES AND HYDRANTS
- INSTALLATION OF PROPOSED WATER AND SANITARY LINES
- INSTALLATION OF ELECTRICAL DUCT BANK
- CONNECTIONS TO EXISTING SYSTEMS
- RESTORATION OF GRADE IN AREAS OF UTILITY TRENCH
- REMOVAL AND PATCHING OF BITUMINOUS PAVEMENT
- TOPSOIL, SEED & MULCH OF DISTURBED GROUND
- TESTING OF WATER, SANITARY, AND ELECTRICAL SYSTEMS & AS-BUILT SURVEY

PHASE 1B (2x 5 CALENDAR DAYS)

MINNESOTA AIR NATIONAL GUARD ESCORT MUST BE PRESENT AT ALL TIMES WHEN WORKING WITHIN ANG SECURITY FENCING.

THE WORK PERFORMED IN THIS PHASE SHALL INCLUDE BUT NOT LIMITED TO THE FOLLOWING:

- WORK WITHIN ANG SECURE FENCING
- INSTALLATION OF ELECTRICAL DUCT BANK AND HANDHOLES
- FINAL UTILITY CONNECTIONS TO ANG FACILITIES
- ELECTRICAL POWER POLE DEMOLITION
- TOPSOIL, SEED & MULCH OF DISTURBED AREAS
- TESTING OF WATER, SANITARY, AND ELECTRICAL SYSTEMS

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REVISIONS

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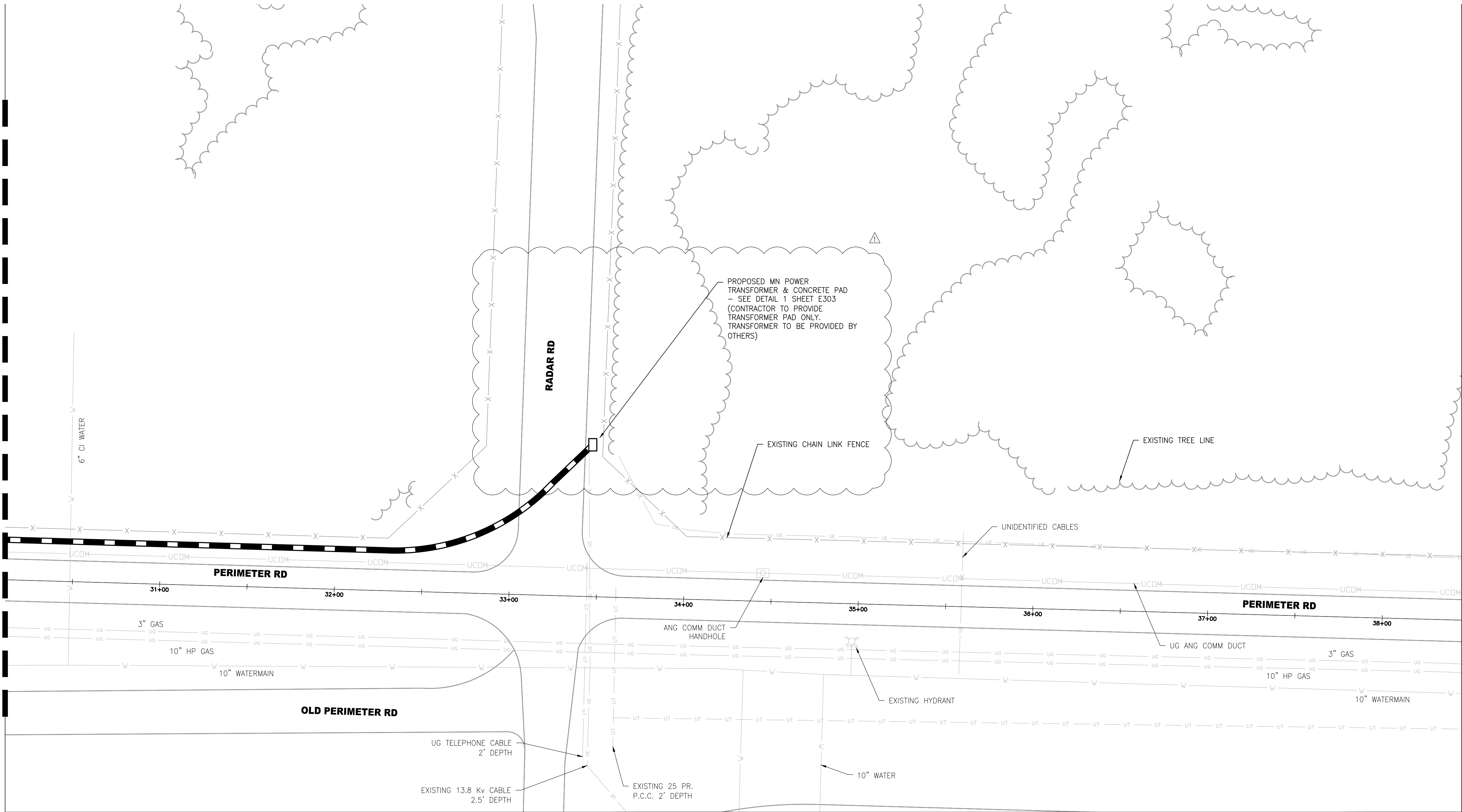
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SAFETY
PHASING PLAN

SHEET NUMBER
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MATCH LINE STA. 30+11 SHEET C204

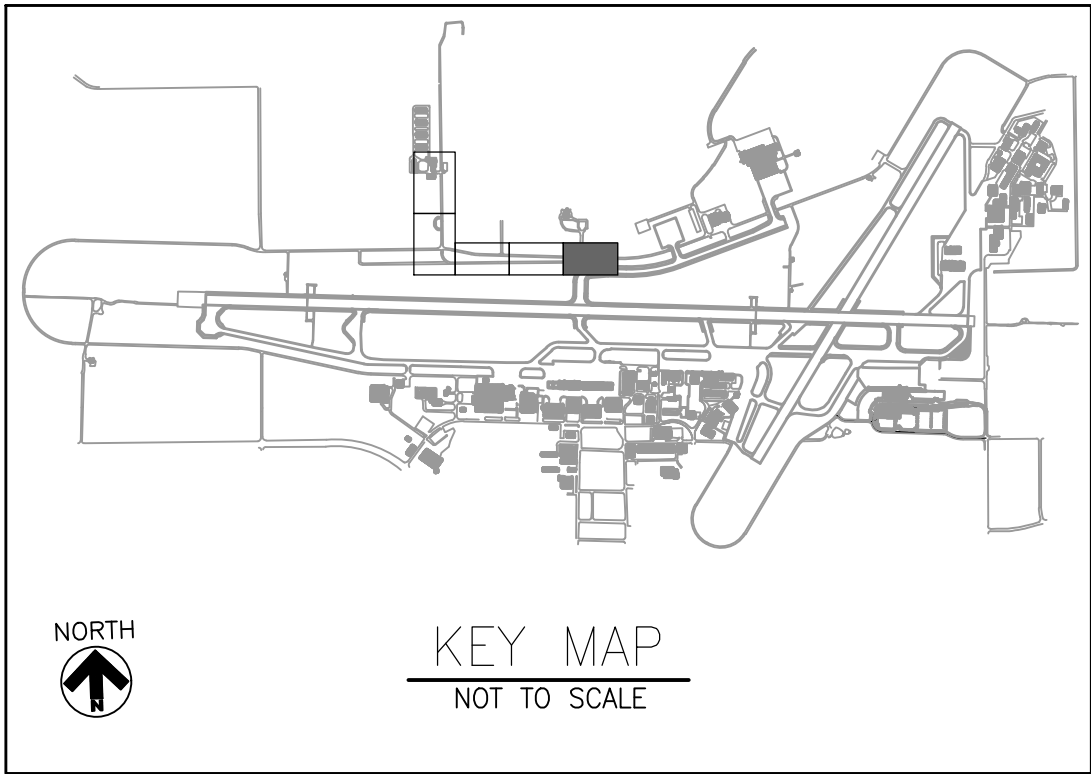
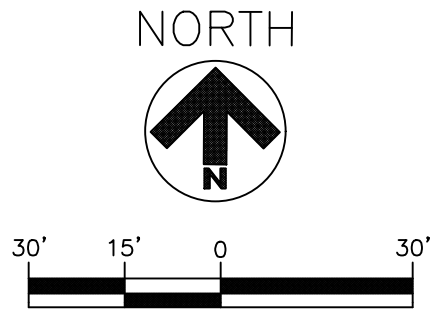


LEGEND

- PROPOSED CONCRETE ENCASED 1-WAY 5" ELECTRICAL DUCT BANK
- PROPOSED ELECTRICAL HANDHOLE
- PROPOSED 2-WAY 5" HDPE CONDUIT DIRECTIONALLY DRILLED
- PROPOSED ELECTRICAL CABLES IN EXISTING CONDUIT
- EXISTING HANDHOLE TO REMAIN
- GAS EXISTING GAS UTILITY LINE
- UE EXISTING POWER UTILITY LINE
- UCOM EXISTING UNDERGROUND COMMUNICATIONS LINE
- W EXISTING WATER UTILITY LINE
- UT EXISTING COMMUNICATIONS UTILITY LINE
- SAN EXISTING SEWER PIPE

NOTES

- SEE ELECTRICAL NOTES AND DETAILS SHEETS FOR ADDITIONAL INFORMATION
- 5' MINIMUM SEPARATION BETWEEN EXISTING ANG COMM LINE AND PROPOSED ELECTRICAL DUCT BANK



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I hereby certify that this plan, specification, or report was prepared by me or under my direct supervision and that I am a duly licensed Professional Engineer or Architect under the laws of the State of Minnesota.

Print Name: Darren Christopher

Signature: *Darren K. Christopher*

Date: 01/10/2020 Reg. No.: 45052

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SHEET TITLE
**PROPOSED
ELECTRICAL
PLAN - SHEET
5 OF 5**

SHEET NUMBER
E205
**BID
DOCUMENTS**

PRE-BID MEETING MINUTES

148th Air National Guard-Repair MSA Utility Systems Duluth International Airport – 3rd Floor Conference Room February 4, 2020 - 1:00 p.m.

1. Introduction and / Sign-In Sheet

- a. Bid opening @ 2pm Thursday 2/13

2. Project Description

- a. Utility Replacement and Upgrades to MSA
 - i. Replacement water (Fire and Potable) – 3500LF 10’’ & 3’’ HDPE
 - ii. Force Main – 5500LF 1.5’’ HDPE & grinder pumps.
 - iii. Flight Augers – 52 to look for rock – see Geotech in specs.
 - iv. Rock Excavation – 3000CY for boulders over 2.0yds and Blasting (no blasting inside MSA fence)
 - v. Allowances - \$100,000 for MN Power (NO MARKUPS), \$40,000 for deep trench crossing – Water 10’’, 3’’ & Sanitary 1.5’’
 - vi. SP-10 Temp water service – contractor to provide temp water for duration of project
 - vii. SP-14 is the 24hr enough time to perform work? else porta johns
 - 1. The work time will need to be increased to 72 hrs. Contractor to provide 2 porta johns to be used by ANG.

3. Bidding Requirements

- a. Complete entire bid form by bid day
 - i. RS&H to re-issue revised Bid Packet with Addendum #1

4. Anticipated Construction Schedule

- a. 75 days with 2, 5 day subphases. 5-days to place infrastructure. 5-days to pull cable and perform connections.

5. DBE

- a. 4.0%

6. Labor Requirements/Wage Rates

- a. Current wages good for life of project

7. Badging and Site Access

- a. ARFF gate access
 - i. Secondary Gate Option off Lavaque Rd. – Lock and Key – daisy chain in own lock
 - ii. Contractor to be responsible for gate security. Must adhere to all DAA security requirements. Contractor/Personal may be kicked off site and assessed monetary fines for any violations.
- b. Must be within sight and sound of escort. RS&H not an escort.
- c. Requirements for badging. - Badges cost \$175 each. – Personal must complete 2 hr badging class

and pass TSA Background check. – Must complete pre-registration. Classes help Wednesdays at 10:00 am but special class may be available depending on number of applicants. Arrive 1hr prior to class start. Badges take 1 to 1.5 weeks to be provided, plan accordingly.

- d. ANG to provide escorts for work with MSA fence
- e. Temporary gate to access work outside of fence line
 - i. There is a lock and key gate to the north of the MSA Parking Lot. This can be used to access the back side of the fence.

8. Protection of Utilities

- a. Gopher 1 call – ANG, FAA, NWS, DAA all have utilities.
- b. CSPP

9. FOD & Dust Control

- a. Keep Perimeter Road Clean

10. Safety During Construction

- a. Refer to CSPP
- b. Barricades to be provided by Airport – contractors responsibility to maintain and place.

11. General Construction Items

12. Existing Site Conditions

- a. Replacing water main in same location

13. Erosion & Sediment Control

14. Payments to the Contractor

- a. Monthly with 5% retainage

15. Project Funding

- a. 100% ANG Funded

16. Engineer/QA Testing

- a. QC is contractors responsibility
 - i. Density, pressure, bacteria

17. Question must be submitted in writing & will be addressed in an Addendum

- a. Questions must be received by Monday @ 5 pm – Final Addendum Issued Tuesday @ Noon

18. Site Visit – Google Earth

- a. Additional site visit offered. Neo Electric took site tour.

19. Additional Comments

- a. Mark (DAA) re-stated the importance of badging, coordination, and security. Spot checks may happen by TSA, DAA, and RS&H.

SIGN IN SHEET
Pre-Bid Meeting

Duluth International Airport-148th MSA Utility System Repair

February 4, 2020 - 1:00 p.m.

Location: Duluth International Airport – 3rd Floor Conference Room

Project: 148th Air National Guard-Repair MSA Utility Systems

<u>NAME</u>	<u>REPRESENTING</u>	<u>PHONE</u>	<u>FAX</u>	<u>EMAIL</u>
1. <u>Darren Christopher</u>	<u>RS&H</u>	<u>218-722-1227</u>	<u>218-722-1052</u>	<u>darren.christopher@rsandh.com</u>
2. <u>Brandon Jensen</u>	<u>RS&H</u>	<u>218-722-1227</u>	<u>218-722-1052</u>	<u>brandon.jensen@rsandh.com</u>
3. <u>Dan Erickson Rachel</u>		<u>218 343 6423</u>		<u>derickson@rachelcontracting.com</u>
4. <u>Ryan Blazevic</u>	<u>148FW</u>	<u>218 488 7868</u>		<u>ryan.m.blazevic@mail@tailmail</u>
5. <u>Matthew Laveau</u>	<u>Parsons Electric</u>	<u>218-725-3429</u>		<u>matthew.laveau@parsonselectric.com</u>
6. <u>TORY GEORGE</u>	<u>Parsons Electric</u>	<u>218-785-3424</u>		<u>tory.george@parsons.com</u>
7. <u>LANCE LINDAHL</u>	<u>NORTHLAND</u>	<u>218-625-2286</u>		<u>lance.lindahl@northland-construction.com</u>

RS&H

NAME

REPRESENTING

PHONE

FAX

EMAIL

8. Ben Melin NEO Electrical Solutions (612) 3666776 BenM@neoelectz1.com

9. Jason Cebulla Neo Electrical Solutions 612-220-5702 jasonc@neoelectrical.com

10. Rick Swanson DATA-SECURITY 218-625-7772 swansonr@duluthairport.com

11. SIMILGANEY GSSC-SECURITY 218 391 5231 Security@DuluthAirport.com

12. NATE SAPIK Benson Electric 715-394-5347 nate@becotn.com

13. MARK PAPKO DAA 218 625 7767 mpapko@duluthairport.com

14. _____

15. _____

16. _____

17. _____

18. _____

RS&H

Project Name: DLH MSA Utility System Repair										
Opening Date: February 13, 2020 @ 2:00pm		City Purchasing Office								
Set #	Planholder's Name	Planholder's Address	Contact	Phone	email	Pd	Date Sent FTP	Add #1	Add #2	Add #3
1	Duluth Bldg's Exchange	802 Garfield Avenue, Duluth, MN 55802		218-722-2836	info@duluthbx.com	ftp	1/28/2020	2/11/2020		
2	Hibbing Builders Exchange	211 E. Howard Street, Hibbing, MN 55746		218-262-3895	hibbcofc@hibbing.org	ftp	1/28/2020	2/11/2020		
3	MPLS Builders Exchange	1123 Glenwood Avenue, Minneapolis, MN 55405	Misty	612-381-2645	misty@mbex.org	ftp	1/28/2020	2/11/2020		
4	148th ANG	4680 Viper St, Duluth, MN 55811	Capt Ben Hayes	218-788-7885	benjamin.h.hayes.mil@mail.mil	ftp	1/28/2020	2/11/2020		
5	Karvakko Engineering	2300 Bemidji Ave N, Bemidji, MN 56601	Mike Karvakko	218-368-6991	Mike.Karvakko@karvakko.com	ftp	1/28/2020	2/11/2020		
6	City of Duluth Purchaing Dept	411 W 1st Street, Duluth, MN 55811	Amanda Ashbach	218-730-5340	purchasing@duluthmn.gov	ftp	1/28/2020	2/11/2020		
7	DAA	4701 Grinden Drive, Duluth, MN 55811	Mark Papko	218-727-2968	mpapko@duluthairport.com	ftp	1/28/2020	2/11/2020		
8	DAA	5000 Minnesota Avenue, Duluth, MN 55802	Steve Wabrowetz	218-733-0078	swabrowetz@duluthairport.com	ftp	1/28/2020	2/11/2020		
9	RS&H	4525 Airport Approach Road, Duluth, MN 55811	Darren Christopher	218-722-1227	darren.christopher@rsandh.com	ftp	1/28/2020	2/11/2020		
10	Parsons Electric	4615 Grand Ave Ste 100B, Duluth MN 55807	Tory George	218-725-3424	Tory.George@ParsonsCorp.com	ftp	1/28/2020	2/11/2020		
11	Rachel Contracting	5819 Highway 2, Hermantown, MN 55810	Mike Friend	218-355-8487	mfriend@rachelcontracting.com	ftp	1/28/2020	2/11/2020		
12	Neo Electric	2180 Jack Breault Drive, Hudson, WI 54016	Ben Melin	612-366-6776	benm@neoelectrical.com	ftp	1/28/2020	2/11/2020		
13	Northland Constructors	4843 Rice Lake Rd, Duluth, MN 55803	Lance Lindahl	218-722-8170	lance.lindahl@northlandconstructors.com	ftp	1/28/2020	2/11/2020		
14	KGM Contractors, Inc.	9211 Hwy 53 Angora, MN 55703	Heath Line	218-666-5698	tammy@kgmcontractors.com	ftp	1/28/2020	2/11/2020		
15	Ulland Bros	PO Box 340, Cloquet, MN 55720	Amy Baasi	218-384-4266	estimator@ulland.com	ftp	1/28/2020	2/11/2020		
16	Dodge Data and Analytics	4300 Beltway Place Suite 150, Arlington, TX 76018	April Hamilton	413-304-2008	april.hamilton@construction.com	ftp	1/28/2020	2/11/2020		
17	Max Gray Construction	P.O. Box 689 2501 Fifth Ave. West Hibbing, MN 55746	Mike Carlson	218-262-6622	mcarlson@maxgrayconstruction.com	ftp	2/3/2020	2/11/2020		
18	Veit	14000 Veit Place, Rogers, MN 55374	Patric Broding	763-428-6749	estimating@veitusa.com	ftp	2/3/2020	2/11/2020		
19	Benson Elecrtic	1102 North Third St. Superior, WI 54880	Nate Sapik	715-394-5547	Nate@becotm.com	ftp	2/4/2020	2/11/2020		
20	Ferguson	4209 Airpark Blvd Duluth, MN 55811	Kelly Wilson	763-560-5200	kelly.wilson@ferguson.com	ftp	2/6/2020	2/11/2020		
21	MN Builders Exchange	1123 Glenwood Avenue, Minneapolis, MN 55405	Jeff Boelter		jb@mbex.org	ftp	2/7/2020	2/11/2020		
22	The Blue Book Building & Construction Network	800 E. Main St.Jefferson Valley, N.Y. 10535	Debbie Dempsey	800-431-2584	ddempsey@mail.thebluebook.com	ftp	2/7/2020	2/11/2020		