
Kraus-Anderson® Construction Company

MINUTES OF CONSTRUCTION MEETING NO. 2

3716 Oneota Street
Duluth, MN 55807

Phone: (218) 722-3775
Fax: (218) 722-3778

Date: August 20, 2010

Project: DULUTH INTERNATIONAL AIRPORT
NEW PASSENGER TERMINAL
BID PACKAGE 1
Duluth, MN
KACC Project #20225

Subject: Meeting No. 2
Thursday, August 19, 2010

Present:	Brian Grefe	DAA	Nathan Fox	Northland Constructors
	Blaine Peterson	DAA	Dan Herrick	Northland Constructors
	Brett Cahoon	KACC	Jason Erickson	Dynamic Structural Steel
	Steve Bergerson	KACC	Patrick Contardo	Dynamic Structural Steel
	Chris Barta	KACC		
	John Hippchen	RS&H		
	Lukas Dixon	RS&H		
	Andy Edlund	AET		

To:	Brian Ryks	Duluth Airport Authority	Nathan Fox	Northland Constructors
	Brian Grefe	Duluth Airport Authority	Jeff Tyllia	APi Electric
	Blaine Peterson	Duluth Airport Authority	Paul Konkler	Concrete Sawing Services
	Alison Johnson	Duluth Airport Authority	Tony Linder	Erosion Control Specialists
	John Hippchen	Reynolds, Smith & Hills, Inc.		EJM Pipe Service
	Lukas Dixon	Reynolds, Smith & Hills, Inc	Ben Vitek	Ground Effect Drilling
	Leslie Carlson	Reynolds, Smith & Hills, Inc	Lon Hovland	Hovland, Inc.
	Brian O'Connor	Reynolds, Smith & Hills, Inc	Scott Windorski	Keller Fence Company
	Thomas Chambers	Reynolds, Smith & Hills, Inc	Brandt Swedberg	Midwest Boring`
	Mark Ip	Reynolds, Smith & Hills, Inc	Scott Sinnott	Sinnott Blacktop
	Brett Cahoon	KACC		Rick's Tree Service
	Steve Bergerson	KACC	Kyle Kruger	Veit
	Bob Swanfeld	SJA Architects		Waterproofing by Experts
	Craig Bursch	MBJ Consulting	Brad Werner	Kelleher Construction, Inc.
	Bob Jackson	Cosentini Associates, Inc.		Woody's Rebar
	Jennifer Keuther	Cosentini Associates, Inc.	Roger Anderson	Harbor City Masonry, Inc.
	Andy Edlund	American Engineering Testing	Jason Erickson	Dynamic Structural Steel
	Joe Butler	Braun Intertec	Bryan Hutchinson	Northern Industrial Erectors
	Mindy Appold	Appold Design		
	Dan Nelson	City of Duluth Building Safety		
	Steve Cauchon	Avis		
	Anne Thomas	Budget		
	Horace Kahlbaugh	Hertz		
	Sharon Miller	Vanguard/ALAMO		
	Tom Leines	Minnesota Power		
	Dave Larson	Qwest		

Date of Origin	Item #	Description	Action By
<u>Work Scope 2.10 Civil & Site Electrical</u> – Northland Constructors of Duluth LLC – Nathan Fox-PM; Don Flom-Foreman			
08/19/10	2.1	Nathan F. submitted the traffic control plan to Brett C. for review/approval.	
	2.2	Nathan F. noted they are just working on the 12" line right now, and the stub near the building will be done in approximately three weeks.	
08/12/10	1.1	Nathan F. noted the private locate and One Call meetings are scheduled for Friday, 8/13/10, at 8:00 a.m. (08/19/10 – No issues. LLB did private locate portion).	
	1.2	A QMS meeting will be held with Northland Constructors' and their first-tier subcontractors after the PLA meeting on Monday, 8/16/2010. (08/19/10 – Meeting has been rescheduled to Thursday, 8/26/10, 10:00 a.m. after construction meeting).	
	1.4	Nathan F. gave a copy of the SWPPP for KACC's jobsite trailer. (08/19/10 – SWPP is posted in KACC's trailer, and a copy taken for the office).	
	1.5	Nathan F. handed out Northland's project schedule. (08/19/10 – Nathan F. handed out a 3-week look ahead schedule at today's meeting).	
	1.6	RFP No. 001 pricing to be submitted by Nathan F. (08/19/10 – Proposal submitted with additional breakdown requested. DAA, KACC & RS&H will review after today's meeting).	
	1.7	It was noted Blaine P. wants all manhole covers that are removed. There are several that have been cracked and need to be replaced. (08/19/10 – No issues).	
	1.8	John H. & Brett C. stressed the importance of Prime Contractor's submitting all required mill certificates, material certifications and Buy American on this project. (08/19/10 – Nathan F. just missing one certification, which he has received and will submit to KACC for processing).	Northland/KACC
	1.9	Northland Constructors' Calendar Days will begin as of Friday, August, 13, 2010. 87 Calendar Days will start as of this date.	
	1.10	Pipe work to start morning of Monday, 8/16/10, at Haines Road coming infield main just past employee lot. (08/19/10 – Wet tap at 10:00 a.m. this morning. Northland to contact City of Duluth Engineering as a courtesy for review. It was suggested photos be taken prior to backfill).	

Date of Origin	Item #	Description	Action By
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| 1.11 | | Nathan F. noted the handicap ramp will be saw cut and possibly poured on Wednesday, 8/18/10. It was noted RFP No. 002 will be forthcoming.
(08/19/10 – Nathan F. is waiting for subcontractor pricing, and hopes to submit on Friday, 8/20/10). | |
| 1.12 | | Nathan F. noted once RFP No. 001 approved, he will order signs for handicap lot first, but need to wait to install after water complete. | |

Site Electrical – APi Electric

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| 08/12/10 | 1.13 | APi is currently removing access controls. Removed Amano equipment is to be placed in KACC's storage trailer including ticket spitters and arms from tunnel as noted by Lukas D. APi to replant stanchion into new location. Amano equipment is not to be altered, as DAA needs to resell the equipment.
(08/19/10 – No change. Follow contract documents and original plan for equipment). | |
| | 1.14 | APi is removing the short light pole bases today. The tall poles cannot be removed until the temporary lighting is operational.
(08/19/10 – Drop poles today and drill tomorrow. Poles should be operational by the end-of-the day Friday, 8/20/10, but is weather dependent as rain expected). | |
| | 1.15 | Brett C. noted (4) short poles will be reused for temporary lighting in handicap lot. APi to match the height of existing poles or lower. Poles are not to be higher than existing Terminal Building.
(08/19/10 – Correction: (4) poles, not "short" poles). | |
| | 1.16 | Nathan F. noted after crossover is completed, APi can start the bulk of their below grade work. | |
| | 1.17 | RS&H to issue a CSI for removal of (2) additional lights.
(08/19/10 – SI/CSI #003 issued for removal of (4) additional lights). | RS&H |

Concrete & Bituminous Sawing – Concrete Sawing Services

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| 08/19/10 | 2.3 | Further discussion needed to confirm if crosswalks will be heated. Sawcut of crosswalks could be held off until next project Phase. | |
| 08/12/10 | 1.19 | Nathan F. noted asphalt sawcutting for project to begin next week. | |

Date of Origin	Item #	Description	Action By
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Landscaping & Erosion Control – Erosion Control Specialists, Inc.

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| 08/19/10 | 2.4 | Silt fence is installed along Haines Rd. beyond tie-in connection for water main work currently happening. | |
| 08/12/10 | 1.22 | Lukas D. noted when trenching near wetland, use straw mulch right away after backfill to hold in place.
(08/19/10 – An erosion matt can be used as well). | |

Fill & Abandon Pipe – EJM Pipe Service, Inc.

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| 08/12/10 | 1.23 | Signed PLA needs to be submitted.
(08/19/10 – Signed PLA required). | EJM Pipe/Northland
EJM/Northland |
| | 1.24 | Nathan F. requested using sand not lean concrete. DOT calls for sand with option of lean concrete. Specification is opposite. The use of sand was approved after meeting per MNDOT specifications. | |

Directional Boring – Ground Effects Directional Drilling

Concrete Flatwork – Hovland, Inc.

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| 08/12/10 | 1.26 | Submittals needed.
(08/19/10 – Nathan F. has requested several times from Hovland, Inc. to provide). | Hovland/Northland
Hovland/Northland |
| | 1.27 | Curb cut scheduled for mid-next week. | |

Fencing/Guardrail – Keller Fence Company

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| 08/19/10 | 2.5 | Discussion after today's meeting regarding pedestrian fence. | |
| | 2.6 | Keller Fence needs to send required submittals | Keller/Northland |
| 08/12/10 | 1.28 | Nathan F. noted Keller Fence will be on site Monday, 8/16/10, to simultaneously remove guardrail and install existing fence with temporary.
(08/19/10 – No issues). | |
| | 1.29 | Lukas D. stated Keller Fence is not to leave any open holes within the existing lot after the guardrail removal. Leave a cone or some type of flag at any hole locations.
(08/19/10 – No issue. Posts left in place, and will be removed during excavation). | |

Date of Origin	Item #	Description	Action By
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| 1.31 | | Being the temporary fence is being installed prior to the center tunnel parking lot access can be closed, orange fence must be installed to keep pedestrians from walking into the construction zone. (A 8'x12' walk path must remain thru to the center tunnel until the East and West side paths are usable).
(08/19/10 – Tentatively opening lot late next week at the earliest. Water line work to complete in that area, and temporary signage needs to be approved prior to Handicap Lot opening). | |
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Gas Main – Midwest Boring & Underground (Ulland Brothers)

Traffic Signage and Markings, Paint & Sealcoat – Sinnott Blacktop, Inc.

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| 08/19/10 | 2.7 | Nathan F. requested location of stripping and footage for RFP No. 002. Lukas D. to wheel-off footage and get to Nathan F. | |
| | 2.8 | Some discussion of "follow your line", one red, one blue. Not included in RFP to paint curbs yellow, but not a concern at this time. | |

Tree Removal – Rick's Tree Service

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| 08/19/10 | 2.9 | Clearing and grubbing work at pond remaining for contract work. | |
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CIPP Liner – Veit

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| 08/19/10 | 2.10 | Submittals handed to John H. at today's meeting. Question asked what was meant or needed for "shop drawings" of materials. RS&H stated will make any necessary remarks on shops submitted. | |
| | 2.11 | There will be no interruption of service during installation. | |
| 08/12/10 | 1.38 | Nathan F. received submittal, and will forward to KACC. | Northland |
| | 1.39 | Nathan F. noted scheduling Veit may be difficult, but will work through. | |

Concrete Waterproofing – Waterproofing by Experts, Inc.

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| 08/12/10 | 1.40 | Signed PLA needs to be submitted.
(08/19/10 – Signed PLA required). | Waterproofing by Experts/Northland |
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Date of Origin	Item #	Description	Action By
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Work Scope 3.10 – Structural Concrete – Kelleher Construction, Inc. – Brad Werner-PM;

08/19/10 2.12 Need mix design submittal(s).

Rebar Installation – Woody's Rebar Co., Inc.

08/19/10 2.13 Brett C. to review rebar shops, then will forward to RS&H-Chicago for review.

Work Scope 4.10 – Masonry – Harbor City Masonry, Inc. – Roger Anderson-PM;

08/12/10 1.43	Received contract documents but missing insurance certificate and Request to Sublet form(s). Harbor City to submit ASAP. (08/19/10 – Request for Sublet Form(s) still needed from Harbor City).	Harbor City Harbor City
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Work Scope 5.10 – Structural/Miscellaneous Steel – Dynamic Structural Steel, LLC – Jason Erickson-PM

08/12/10 1.45 Patrick C. noted currently working on shop drawings. Should submit in about two weeks.
(08/19/10 – Jason E. noted Phase I shops will be submitted next Friday, 8/27/10. They are working with MJB on plans in phases).

John H. and Brett C. stressed the importance of submitting mill certificates, material certifications, Buy American for all steel on this project. Patrick C. did clarify that it may be difficult to provide the actual certificates for steel until they materials are loaded and ready to ship to the jobsite.

1.46 Brett C. to schedule with Jason E. and Bryan H. a meeting to review schedule.
(08/19/10 – Will schedule for two weeks out, and send a meeting request).

Steel Erector – Northern Industrial Erectors, Inc.

08/12/10 1.48 Bryan H. noted they plan on starting at NW corner and move east.

1.49 Bryan H. noted he would like to have access to power to plug in their crane overnights (in lieu of running a generator). Brett C. reminded him temporary power may not be available until the end of this year.

Date of Origin	Item #	Description	Action By
	1.50	Discussion regarding 160' boom on crane – add flashing light or beacon at night as required by FAA. Bryan H. noted they will lower boom to 20% angle and put a flag on top. Northern Industrial to process FAA permit for crane ASAP, and provide KACC & RS&H with a copy of the permit. (08/19/10 – RS&H provided information, which KACC forwarded, to answer Bryan H.'s questions of longitude/latitude, etc.).	NIE, Inc.

Civil Scope Testing Agency – American Engineering Testing, Inc. - Andy Edlund-PM

08/19/10	2.14	Andy E. stated Class 5 samples are good.	
	2.15	Andy E. stated select granular 200/230 sample came back low. Minimum is 7%, and tested at 7.9%. AET will resample.	
08/12/10	1.51	AET will provide testing services for the civil scope of the project.	
	1.52	Invoices to be submitted to KACC by the 25 th of each month.	
	1.53	Brett C. would like Andy E. to attend the QMS meeting on next Thursday, 8/19/10, after regular construction meeting. Steve B. to get Andy E. the QMS sheets for his review and comment. (08/19/10 – Rescheduled for Thursday, 8/26/10, after construction meeting).	
	1.54	AET to submit testing reports directly to:	

Building Scope Testing Agency – Braun Intertec – Joe Butler

08/19/10	2.16	Braun's "Conformance Documents" plans/specs can be picked up at KACC office.	
08/12/10	1.55	Braun Intertec to provide testing services for the building scope portion of the project.	
	1.56	Braun Intertec to submit testing reports directly to:	

Project Onsite Superintendent Issues – Steve Bergerson, KACC Supt.

08/19/10	2.17	Steve B. noted contractors are to sign-in each day listing crew members, work to be completed and any issues. Book is located in KACC's trailer.	
	2.18	Contractor parking is all along road behind KACC's trailers and down Haines Road to barrier.	ALL

Date of Origin	Item #	Description	Action By
	2.19	Steve B. reminded contractors to keep roads clean. No tracking onto the Grinden Drive loop.	ALL
	2.20	All contractors to put their garbage, debris, etc. into dumpsters. Need to keep airfield clean of flying debris.	ALL
	2.21	It was noted Prime, First- and Second-Tier Contractors must go with the normal flow of traffic along the Grinden Drive loop. Please do not drive the wrong way for the safety of customers and yourself.	ALL
08/12/10	1.57	Steve B. will perform Wage Rate Interviews on a weekly basis. Selected individual will complete a form asking wage information and sign. Steve B. then turns into the KACC office where Chris B. verifies whether or not prevailing wages are being paid.	
	1.58	Steve B. noted prime contractors with trailers must set up their own power. KACC will check with each prime contractor to determine what their needs are and try to coordinate power.	
	1.59	Foul language will not be tolerated on this project, and will result in the immediate removal from the project.	

Construction Manager - Kraus-Anderson Construction Company - Brett Cahoon-PM; Chris Barta-PA

08/19/10	2.22	Owner's Meetings are to be held every other Monday at 9:00 a.m.	
08/12/10	1.62	Weekly construction meetings will be held every Thursday, 9:00 a.m. in KACC jobsite trailer.	All
	1.63	Pay Application meetings will be held the first Thursday of every month. All Prime Contractors, DAA, RS&H and KACC to be present for signatures. (08/19/10 – First Pay Application meeting is Thursday, September 2, 2010, at 10:00 a.m.)	Primes/DAA/RS&H/KACC Primes/DAA/RS&H/KACC
	1.64	KACC to spot check certified payroll reports submitted by Prime Contractors and their first-tier subcontractors.	KACC
	1.65	Brett C. noted Airport customers are responsible for all us having this project, and stressed the importance of our doing everything in our power to keep those customers happy. The less complaints the DAA receives the better. I.e. watch foul language, keep roads clean, etc.	All

Engineer/Architect-Civil - Reynolds, Smith and Hills, Inc. - John Hippchen; Lukas Dixon-RPR

08/19/10	2.23	RS&H to write RFP #006 this afternoon regarding 12" HDPE vs. 12" Schedule 40 pipe as required by City of Duluth plumbing code.	
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Date of Origin	Item #	Description	Action By
08/12/10	1.66	RFP No. 002 is in process of being released. (08/19/10 – Northland is reviewing, and will submit proposal hopefully by the end-of-the-day Friday, 8/20/10).	RS&H
	1.67	RS&H will submit a CSI to remove (4) additional lights and bases. (08/19/10 – SI/CSI No. 003 has been issued).	RS&H
	1.68	Lukas D. noted contractors to get a hold of him if they have quantities needing verification prior to covering up.	Prime Contractors

Architect - Reynolds, Smith and Hills, Inc. - Brian O'Connor; Thomas Chambers; Mark Ip

Owner – Duluth Airport Authority - Brian Grefe-Director of Operations; Blaine Peterson-Terminal/Facilities Manager

08/19/10	2.24	DAA wants to final approval signage in RFP No. 001 and No. 002. Signage is required by 8/31/10.
08/12/10	1.69	Brian G. noted he would like the handicap parking lot up and running as soon as possible.
	1.72	It was noted to check the lots for any Cargo Only parking signs to relocate to the designated spaces within the Handicap lot. (08/19/10 – Lukas D. to remove and relocate some of the signage).

Resident Project Representative "RPR" - Building Scope – SJA Architects – Bob Swanfeld

Structural Engineer – MJB Consulting – Craig Bursch

08/19/10	2.25	Brett C. noted there is a conflict with some of the building columns-below or above grade. MJB and RS&H-Chicago are resolving.
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Mechanical Engineer – Cosentini Associates, Inc. –

Electrical Engineer – Cosentini Associates, Inc. – Jennifer Kuether

Landscaping Consultant – Appold Design – Mindy Appold [Phase I project]

08/19/10	2.26	Brett C. pushing for planting availability list, etc.
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Date of Origin	Item #	Description	Action By
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	2.27	Brett C. to resend John H. original proposal email for RS&H to process the official authorization to proceed.	
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Minnesota Power – Tom Leines

Qwest – Dave Larson

Miscellaneous

Safety and Clean-Up

08/12/10 1.73 Keep roads clean.

Change Orders/RFI's/PCO's

08/12/10 1.74	KACC will attach RFI, PCO, and Submittal logs to the Meeting Minutes. Please review for outstanding submissions.	KACC/Primes
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Quality

Schedule

Northland Constructors of Duluth Calendar Days start: Friday, August 13, 2010

Kelleher Construction, Inc.'s Working Days start:

Harbor City Masonry, Inc.'s Working Days start:

Dynamic Structural Steel LLC's Working Days start:

Substantial Completion: October 1, 2011

Completion: October 15, 2011

08/19/10 2.28 See attached KACC 3-week look ahead schedule.

08/19/10 2.29 Northland Constructors': 87 Calendar Days: calendar days remaining for this current Phase I are 80.

Phasing Status/Issues/Changes

Date of Origin	Item #	Description	Action By
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Permits

08/19/10	2.30	John Malone, City of Duluth, requiring 12" Schedule 40 pipe versus 12" HDPE pipe unless we can show as temporary and/or abandon on plans due to Minnesota Plumbing Code. RS&H to write an RFP for price of new pipe including restocking fee.	
	2.31	John H. has permit plans for remainder of the project.	
08/12/10	1.76	Brett C. to check on status of footing/foundation permit from City of Duluth (08/19/10 – A few missing items to be provided, but expect to have the permit in the next few days).	KACC
	1.77	Nathan F. to pull private storm only permit.	Northland

Weather

The next meeting will be held Thursday, August 26, 2010, at 9:00 a.m. at Kraus-Anderson Construction Company's jobsite office trailer.

You are required to attend the construction meetings if you are soon to be on-site, are currently on-site, your work needs to interface with others, or you have questions or concerns that require documentation in the minutes.

It is your responsibility to read these minutes in their entirety. This report is assumed to be true and accurate unless notification to contrary is received within 72 hours.

Submitted by:

KRAUS-ANDERSON® CONSTRUCTION COMPANY



Brett Cahoon,
Project Manager

BC/cb

Attachments: RFI Log
PCO Log
Submittal Log
3-Week Look Ahead Schedule

New Passenger Terminal Bid Package 1		Project # 20225	
4701 Grinden Drive Duluth, MN 55811		Tel: 218-727-8363 Fax: 218-727-4517	
RFI # SUBJECT	AUTHOR CO.	ANSWER CO.	
001 Pier elevation and detail for canopy piers	Kelleher Construction Corporation	Reynolds, Smith, and Hills, Inc.	
002 Paint product substitution	Dynamic Structural Steel, LLC	MBJ Consulting Structural Engineers	

Total Number of RFIs for this project: 2

New Passenger Terminal Bid Package 14701 Grinden Drive
Duluth, MN 55811

Project # 20225

Tel: 218-727-8363 Fax: 218-727-4517

PCO No.		Description	Status	COR No.	Owner C.O. No.
001	Request For Proposal	RS&H RFP 001: Access road parking lot signage	Pending		
002	Request For Proposal	RS&H RFP 002; Pedestrian signage and curb cut	Pricing		
003	Supplemental Instruction	RS&H CSI #003; existing light and base removal	Sent		
004	Supplemental Instruction	RS&H CSI #004; 12" water main	Sent		
005	Supplemental Instruction	RS&H CSI #005; storm manhole and pipe slopes	Sent		
006	Request For Proposal	RS&H RFP #006; Temporary storm 12" HDPE under bldg. to be replaced with 12" schedule 40 PVC	Pricing		

Kraus-Anderson® Construction Company

Required Submittals Register

New Passenger Terminal Bid Package 1

4701 Grinden Drive
Duluth, MN 55811

Project # 20225

Tel: 218-727-8363 Fax: 218-727-4517

Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
Dynamic Structural Steel, LLC								
00094	0	Structural Steel Framing	05120	1.6 A.	Product Data			
00095	0	Structural Steel Framing	05120	1.6 B.	Design Data	typical connection design submittal		
00096	0	Structural Steel Framing	05120	1.6 C.	Design Data	Placement plan and details for shear studs on all composite steel framing.		
00097	0	Structural Steel Framing	05120	1.6 D. 1-12	Shop Drawings	Placement plan and details for shear studs on all composite steel framing.		
00098	0	Structural Steel Framing	05120	1.7 A.	Schedule	Submittal schedule for all Part A submittal items.		
00099	0	Structural Steel Framing	05120	1.7 B. & C.	Welding Certificates	welding certificates and welding procedures - see spec for detailed description of compliance		
00100	0	Structural Steel Framing	05120	1.7 D.	Qualification Data	Qualification data for fabricator, erector and connection engineer.		
00101	0	Structural Steel Framing	05120	1.7 E.	Miscellaneous	Submittal Letter - see spec for detailed description of compliance		
00102	0	Structural Steel Framing	05120	1.7 F.	Specification Compliance	Preconstruction Survey - see spec for detailed description of compliance		
00103	0	Structural Steel Framing	05120	1.7 G.	Test Reports	Source quality-control test reports.		
00104	0	Structural Steel Framing	05120	1.7 H.	Miscellaneous	Minutes of Pre-Installation conference.		
00105	0	Structural Steel Framing	05120	1.7 I. 1-4	Material Certification	Mill test reports		
00106	0	Structural Steel Framing-LEED	05120	1.7 J. 1.	LEED	1. LEED Credit: Product Data for Credit MR 4.1 and Credit MR 4.2		
00107	0	Steel Roof Deck	05310	1.3 A.	Product Data			
00108	0	Steel Roof Deck	05310	1.3 B.	Shop Drawings			
00109	0	Steel Roof Deck	05310	1.3 C. 1.	Material Certification			
00110	0	Steel Roof Deck	05310	1.3 C. 2.	Welding Certificates			
00111	0	Steel Roof Deck	05310	1.3 D.	Test Reports	Product test reports - see spec for detailed description of compliance		
00112	0	Steel Roof Deck	05310	1.3 E.	Miscellaneous	FMG Listings for description of roofing products elevated to meet minimum requirements for Factory Mutual Research Approval recognition - see spec for detailed description of compliance		
00113	0	Steel Roof Deck-LEED	05310	1.3 F.	LEED	LEED Credit: Product Data for Credit MR 4.1 and Credit MR4.2 (if required).		
00114	0	Composite Steel Deck	05360	1.4 A.	Product Data			
00115	0	Composite Steel Deck	05360	1.4 B.	Shop Drawings			
00116	0	Composite Steel Deck	05360	1.4 C.	Test Reports			

New Passenger Terminal Bid Package 1

4701 Grinden Drive
Duluth, MN 55811

Project # 20225

Tel: 218-727-8363 Fax: 218-727-4517

Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
00117	0	Composite Steel Deck	05360	1.5 A.	Schedule	Submittal schedule for all action submittal items		
00118	0	Composite Steel Deck	05360	1.5 B.	Material Certification			
00119	0	Composite Steel Deck	05360	1.5 C.	Welding Certificates			
00120	0	Composite Steel Deck	05360	1.5 D.	Miscellaneous	Research/Evaluation reports - steel deck		
00121	0	Composite Steel Deck-LEED	05360	1.5 E. 1.	LEED	LEED Credit: Product Data for Credit MR 4.1 and Credit MR 4.2 as required.		
00122	0	Composite Steel Deck-LEED	05360	1.5 F.	LEED	Statement indicating costs for each product having recycled content.		
00123	0	Metal Fabrication	05500	1.4 A.	Product Data			
00124	0	Metal Fabrication-LEED	05500	1.4 B. 1.	LEED	Product Data for Credit MR 4		
00125	0	Metal Fabrication	05500	1.4 C.	Shop Drawings			
00126	0	Metal Fabrication	05500	1.4 D.	Design Data	See spec for detailed description of compliance		
00127	0	Metal Fabrication	05500	1.5 A.	Qualification Data	for qualified structural engineer.		
00128	0	Metal Fabrication	05500	1.5 B.	Welding Certificates			
00129	0	Metal Fabrication	05500	1.5 C.	Material Certification	Paint compatibility certificates - see spec for detailed description of compliance		
00130	0	Metal Stairs	05510	1.5 A. 1-8	Product Data	See spec for detailed description of compliance		
00131	0	Metal Stairs	05510	1.5 B.	Shop Drawings			
00132	0	Metal Stairs	05510	1.5 C.	Calculations			
00133	0	Metal Stairs	05510	1.5 D.	Sample	Sample for Initial Selection		
00134	0	Metal Stairs	05510	1.5 E.	Sample	Sample for Verification		
00135	0	Metal Stairs	05510	1.5 F.	Test Reports			
00136	0	Metal Stairs	05510	1.6 A.	Schedule	Submittal schedule for all action submittal items.		
00137	0	Metal Stairs	05510	1.6 B.	Welding Certificates			
00138	0	Metal Stairs-LEED	05510	1.6 C. 1.	LEED	LEED Credit: Product Data for Credit MR 4.1 and Credit MR 4.2 if required.		
00139	0	Pipe and Tube Railings	05521	1.4 A.	Product Data			
00140	0	Pipe and Tube Railings-LEED	05521	1.4 B.	LEED	Product Data for Credit MR 4		
00141	0	Pipe and Tube Railings	05521	1.4 C.	Shop Drawings			
00142	0	Pipe and Tube Railings	05521	1.4 D.	Design Data	Delegated Design Submittal - see spec for detailed description of compliance		
00143	0	Pipe and Tube Railings	05521	1.5 A.	Qualification Data			
00144	0	Pipe and Tube Railings	05521	1.5 B.	Material Certification	Mill certificates		

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Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
00145	0	Pipe and Tube Railings	05521	1.5 C.	Welding Certificates			
00146	0	Pipe and Tube Railings	05521	1.5 D.	Material Certification	Paint compatibility certificates		
00147	0	Pipe and Tube Railings	05521	1.5 E.	Test Reports			
00148	0	Metal Gratings	05530	1.4 A.	Shop Drawings			
00149	0	Metal Gratings	05530	1.4 B.	Material Certification	Mill certificates		
00150	0	Metal Gratings	05530	1.4 C.	Welding Certificates			
00151	0	Metal Gratings	05530	1.4 D.	Qualification Data			
00193	0	High-Performance Coatings	09960	1.4 A.	Product Data			
00194	0	High-Performance Coatings- LEED	09960	1.4 B. 1.	LEED	Product Data for Credit EQ 4.2		
00195	0	High-Performance Coatings	09960	1.4 C.	Sample	samples for initial selection		
00196	0	High-Performance Coatings	09960	1.4 D.	Sample	samples for verification		
00197	0	High-Performance Coatings	09960	1.4 E.	Material List	product list for ea. product indicated		

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Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
Harbor City Masonry, Inc.								
00084	0	Pheopel Plus Water-Repellant and Efflorescence Control Admixture	04200	2.3 B.	Product Data			8/16/2010
00085	0	Unit Masonry	04200	1.6 B.	Shop Drawings			
00086	0	Unit Masonry-LEED	04200	1.6 C. 1.	LEED	LEED Credit: Product Data for Credit MR 4.1 and MR4.2		
00087	0	Unit Masonry-LEED	04200	1.6 C. 2.	LEED	LEED Credit: Product Data for Credit MR 5.1 and MR 5.2		
00088	0	Unit Masonry	04200	1.6 D.	Sample	Samples for Initial Selection: 1. Decorative concrete masonry units. 2. Exposed concrete masonry unit. 3. Weep holes/vents.		
00089	0	Unit Masonry	04200	1.6 E.	Sample	Samples for Verification: 1. Exposed and Decorative concrete masonry units. 2. Weep holes/vents. 3. Accessories embedded in masonry.		
00090	0	Unit Masonry	04200	1.6 F.	Material List	List of Materials Used in Construction Mockups		
00091	0	Unit Masonry	04200	1.6 G. 1-7	Material Certification			
00092	0	Unit Masonry	04200	1.6 H. 1. & 2.	Mix Design			
00093	0	Unit Masonry	04200	1.6 I.	Miscellaneous	Cold-Weather procedures. Detailed description of methods, materials, and equipment to be used to comply with cold-weather requirements.		
00165	0	Thermal Insulation	07210	1.5 A.	Product Data			
00166	0	Thermal Insulation (horizontal)-LEED	07210	1.5 B. 1.	LEED	Product Data for Credit MR 4 -see spec for detailed description of compliance		
00167	0	Thermal Insulation	07210	1.6 A.	Test Reports	Product test reports		
00182	0	Joint Sealants	07920	1.4 A.	Product Data			
00183	0	Joint Sealants-LEED	07920	1.4 B. 1.	LEED	Product Data for Credit IEQ 4.1		
00184	0	Joint Sealants	07920	1.4 C.	Sample	Samples for initial selection.		
00185	0	Joint Sealants	07920	1.4 D.	Sample	Samples for verification.		
00186	0	Joint Sealants	07920	1.4 E.	Schedule	Joint sealant schedule - see spec for detailed description of compliance		
00187	0	Joint Sealants	07920	1.5 A.	Qualification Data			
00188	0	Joint Sealants	07920	1.5 B.	Material Certification			

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Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
00189	0	Joint Sealants	07920	1.5 C.	Test Reports	Product test reports		
00190	0	Joint Sealants	07920	1.5 D. 1. & 2.	Test Reports	Preconstruction compatibility and adhesion test reports - see spec for detailed description of compliance		
00191	0	Joint Sealants	07920	1.5 E.	Field Reports	Field adhesion test reports		
00192	0	Joint Sealants	07920	1.5 F.	Warranty	Samples of special warranties		
00216	0	H&B Flex-Flash Thru-Wall / Surface-Mount Flashing & St/Steel Drip Plate 3"	04200		Product Data		8/16/2010	
00217	0	100% Cotton Weeping Cord- Hanks	04200		Product Data		8/16/2010	
00218	0	Weep Holes #QV - Quadro-Vent	04200		Product Data		8/16/2010	
00219	0	Report of Tests on Concrete Masonry Units	04200	2.3 C.	Test Reports		8/16/2010	
00220	0	Portland Cement Type I	04200	2.5 A.	Product Data		8/16/2010	
00221	0	Western Miracle Type S Hydrated Masons Lime	04200	2.5 B.	Technical Data Sheets		8/16/2010	
00222	0	Mason Sand	04200	2.5 F.	Test Reports		8/16/2010	
00223	0	Pheopel Mortar Admixture	04200	2.5 J.	Product Data		8/16/2010	
00224	0	HBlox All Ladder Reinforcement #220 Ladder-Mesh (For Single Wythe Wall)	04200	2.6 B.	Technical Data Sheets		8/16/2010	
00225	0	Report of Mortar Proportions Type N	04200	2.11.C.1	Mix Design		8/16/2010	
00226	0	Report of Mortar Testing Type S	04200	2.11.C.2	Mix Design		8/16/2010	

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Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
Kelleher Construction Corporation								
00064	0	Concrete Formwork	03100	1.5 A.	Schedule	Submittal Schedule for all action submittal items.		
00065	0	Concrete Formwork	03100	1.5 B.	Miscellaneous	Minutes of Pre-Installation conference.		
00066	0	Concrete Formwork-LEED	03100	1.5 C. 1.	LEED	LEED Credit: Product Data for Credit EQ 4.1: for adhesives, including statement of VOC content.		
00067	0	Concrete Formwork-LEED	03100	1.5 C. 2.	LEED	Product Data for Credit EQ 4.4: for composite-wood products, documentation indicating product contains no urea formaldehyde		
00068	0	Concrete Formwork-LEED	03100	1.5 C. 3.	LEED	Certificates for Credit MR 7: chain of custody certificates		
00069	0	Concrete Reinforcement	03200	1.4 A.	Product Data			
00070	0	Reinforcing Plans: Canopy, Area 'A', 'B' Foundations, Sections, Elevations, Second, Third & Roof Framing Plans (R1, R2, R2A, R2B, R2C, R3, R3A, R3B, R4, R5, R6)	03200	1.4 B.	Shop Drawings			8/20/2010
00071	0	Concrete Reinforcement	03200	1.4 C.	Welding Certificates			
00072	0	Concrete Reinforcement	03200	1.5 A.	Miscellaneous	Minutes of Pre-Installation Conference		
00073	0	Concrete Reinforcement-LEED	03200	1.5 B.	LEED	LEED Credit: Product Data for Credit MR 4.1 and Credit MR4.2 (if required).		
00074	0	Cast-InPlace Concrete	03300	1.5 A.	Product Data			
00075	0	Cast-InPlace Concrete	03300	1.5 B.	Mix Design			
00076	0	Cast-InPlace Concrete	03300	1.5 C.	Shop Drawings	Proposed construction joint and saw-cut contraction joint locations for slabs-on-grade.		
00077	0	Cast-InPlace Concrete	03300	1.6 A.	Schedule	Submittal schedule for all action submittal items.		
00078	0	Cast-InPlace Concrete	03300	1.6 B.	Manufacturer's Literature	1. Curing and sealing compounds. 2. Joint Fillers. 3. Waterstops. 4. Floor and slab treatments. 5. Bonding agents. 6. Adhesives. 7. Repair materials.		
00079	0	Cast-InPlace Concrete	03300	1.6 C.	Test Reports	Preconstructin Material Test Reports.		
00080	0	Cast-InPlace Concrete	03300	1.6 D.	Miscellaneous	Minutes of Pre-Installation conference.		

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Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
00081	0	Cast-InPlace Concrete-LEED	03300	1.6 E. 1. a. & b.	LEED	1. LEED Credit: Product Data for Credit MR 4.1 and Credit MR 4.2 if required. a. Include statement indicating material weifths and costs for each product having recycled content. b. Design Mixtures for Credit ID 1.1.		
00082	0	Cast-InPlace Concrete-LEED	03300	1.6 E. 2. a.	LEED	2. LEED Credit: Product Data for Cedir MR 5.1 and Credit MR 5.2 if required. a. Include statement indicating material weifths and costs for each product having recycled content.		
00083	0	Cast-InPlace Concrete	03300	1.6 F.	Test Reports	Construction Test Reports		
00162	0	Thermal Insulation (horizontal)	07210	1.5 A.	Product Data			
00163	0	Thermal Insulation (horizontal)-LEED	07210	1.5 B. 1.	LEED	Product Data for Credit MR 4 -see spec for detailed description of compliance		
00164	0	Thermal Insulation (horizontal)	07210	1.6 A.	Test Reports	Product test reports		
00168	0	Reinforced Underslab Vapor Retarders	07260	1.3 A.	Manufacturer's Literature	See spec for detailed description of compliance		
00169	0	Reinforced Underslab Vapor Retarders	07260	1.3 B.	Shop Drawings			
00170	0	Reinforced Underslab Vapor Retarders	07260	1.3 C.	Sample	Samples for verification purposes		
00171	0	Joint Sealants	07920	1.4 A.	Product Data			
00172	0	Joint Sealants-LEED	07920	1.4 B. 1.	LEED	Product Data for Credit IEQ 4.1		
00173	0	Joint Sealants	07920	1.4 C.	Sample	Samples for initial selection.		
00174	0	Joint Sealants	07920	1.4 D.	Sample	Samples for verification.		
00175	0	Joint Sealants	07920	1.4 E.	Schedule	Joint sealant schedule - see spec for detailed description of compliance		
00176	0	Joint Sealants	07920	1.5 A.	Qualification Data			
00177	0	Joint Sealants	07920	1.5 B.	Material Certification			
00178	0	Joint Sealants	07920	1.5 C.	Test Reports	Product test reports		
00179	0	Joint Sealants	07920	1.5 D. 1. & 2.	Test Reports	Preconstruction compatibility and adhesion test reports - see spec for detailed description of compliance		
00180	0	Joint Sealants	07920	1.5 E.	Field Reports	Field adhesion test reports		
00181	0	Joint Sealants	07920	1.5 F.	Warranty	Samples of special warranties		

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Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
Northland Constructors of Duluth, LLC								
00001	0	Safety and Security	P-102		Submittal			
00002	0	Contractor Quality Control	GP - Section 100		Submittal			
00003	0	Excavation	Mn/DOT 2105		Test Reports	Sieve analysis for granular embankment.		
00004	0	Geotextile Fabric	MN/DOT		Certification	Mfg. certificate of compliance		
00005	0	Aggregate Base-Class 5	MN/DOT 2211		Test Reports	Sieve analysis for granular embankment.		
00006	0	Bituminous Tack Coat	MN/DOT 2357		Certification	Mfg. certificate of compliance		
00007	0	Bituminous Prime Coat	MN/DOT 2358		Certification	Mfg. certificate of compliance		
00008	0	Wear and Non-Wear Coarse Mixture	MN/DOT 2360		Mix Design			
00009	0	Sidewalk-Concrete	MN/DOT 2401		Mix Design			
00010	0	Integrally Colored Sidewalk Concrete (Mix #3A32) w/6"x6" WWF	MN/DOT 2401		Mix Design			
00011	0	4 Inch Perforated PCC Pipe Underdrain	MN/DOT 2502		Certification	Mfg. certificate of compliance		
00012	0	Pipe Sewer 8" PVC	MN/DOT 2503		Certification	Mfg. certificate of compliance	8/18/2010	
00013	0	12, 15, 18, 24, 30 and 42 Inch HDPE Pipe Sewer	MN/DOT 2503		Certification	Mfg. Certificate of compliance	8/18/2010	
00014	0	Plug Fill and Abandon Pipe	MN/DOT 2503		Mix Design			
00015	0	Licensed Installer Statemente	MN/DOT 2503		Certification		8/18/2010	
00016	0	Lining Sewer Pipe 8	MN/DOT 2503		Shop Drawings	Shops of Materials		
00017	0	Pipe Wall Thickness Design	MN/DOT 2503		Calculations	Engineering calculations specifying the design and required thickness for ea. installation signed by Registered Professional Engineer.	8/18/2010	
00018	0	CORVE8738, CORVE8738 Technical Data Sheets	MN/DOT 2503		Technical Data Sheets	Certified test reports that CIPP was mfg. and tested in accordance with ASTM standards specified in City of Duluth specifications.	8/18/2010	
00019	0	Applied Felts, Interplastic Corporation, Ashland Specialty Chemical Company material requirements letter.	MN/DOT 2503		Certification	Certified statement from mfg. that certified and/or licensed installer of CIPP lining.	8/18/2010	
00020	0	Installer References	MN/DOT 2503		Miscellaneous	list of experience and past projects.	8/18/2010	
00021	0	Hydrant & Valve	MN/DOT 2504		Shop Drawings	Need mill certs/Buy American Certification	8/5/2010	
00022	0	Hydrant & Valve	MN/DOT 2504		Certification	Mfg. certificate of compliance	8/18/2010	

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Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
00023	0	Gate & Valve	MN/DOT 2504		Shop Drawings	Need mill certs/Buy American Certification		8/5/2010
00024	0	Gate & Valve	MN/DOT 2504		Certification	Mfg. certificate of compliance		8/18/2010
00025	0	4" PVC Irrigation Conduit SDR 35	MN/DOT 2504		Certification	Mfg. certificate of compliance		
00026	0	4, 6, 8 and 12 Inch Water Main	MN/DOT 2504		Certification	Mfg. certificate of compliance		8/18/2010
00027	0	2 Inch Polyethylene Gas Main	MN/DOT 2505		Certification	Mfg. certificate of compliance		
00028	0	Chain Link Fence	F-162		Certification	Mfg. certificate of compliance for: a. Fencing fabric b. Posts c. Rails d. Barbed wire e. Tension wire		
00029	0	Drainage/Sanitary Manholes and Catchbasins	MN/DOT 2506		Certification	Mfg. certificate of compliance for:		
00030	0	Drainage/Sanitary Manholes and Catchbasins	MN/DOT 2506		Shop Drawings			
00031	0	R-1723 Solid Platen Lid Lettered "Storm" & "Sanitary"	MN/DOT 2506		Shop Drawings			8/18/2010
00032	0	RipRap, Class IV	MN/DOT 2511		Technical Data Sheets	1. Nominal sizes of rip rap. 2. Aggregate quality.		
00033	0	Concrete Curb & Gutter	MN/DOT 2531		Mix Design	1. test reports with dates 2. complete list of materials		
00034	0	Pedestrian Curb Ramp (Type Special) Pedestrian Crosswalk	MN/DOT 2531		Mix Design	1. test reports with dates 2. complete list of materials		
00035	0	Pedestrian Curb Ramp (Type Special) Pedestrian Crosswalk	MN/DOT 2531		Product Data	Mfg. data sheet		
00036	0	Pedestrian Curb Ramp (Type Special) Pedestrian Crosswalk	MN/DOT 2531		Submittal	A. Dowel bars -size, grade steel, coating. b. WWF - size/guage		
00037	0	2 Inch Conduit	MN/DOT 2545		Certification	Mfg. certificate of compliance		
00038	0	Electrical Handholes w/lid	MN/DOT 2550		Certification	Mfg. certificate of compliance		
00039	0	Electrical Handholes w/lid	MN/DOT 2550		Shop Drawings	for each cable to be used.		
00040	0	Cable	MN/DOT 2550		Shop Drawings	for each different sign layout		
00041	0	Signs Type A	MN/DOT 2564		Shop Drawings	Mfg. certificate of compliance		
00042	0	Erosion Control Devices	MN/DOT 2573		Certification	Erosion control Supervisor: contact information and resume		
00043	0	Erosion Control Devices	MN/DOT 2573		Miscellaneous	State Certification for seed		
00044	0	Seeding	MN/DOT 2575		Material Certification			

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00045	0	Seeding	MN/DOT 2575		Mix Design	Seed mixture		
00046	0	Seeding	MN/DOT 2575		Certification	Mfg. certification for fertilizer		
00047	0	Sodding	MN/DOT 2575		Certification	Mfg. certification		
00048	0	Sodding	MN/DOT 2575		Material List	Types of grass		
00049	0	Paint	MN/DOT 2582		Certification	Mfg. certification of compliance - each color		
00050	0	Paint	MN/DOT 2582		Certification	Glass beads - Mfg. certification of compliance		
00051	0	Type C Light w/Foundation	SP 38		Shop Drawings			
00052	0	Type A2 Light w/Foundation	SP 39		Shop Drawings			
00053	0	Relocate Checkpoint Access & Control System for East Basement Access w/New Red Beacon Light & Loop	SP 40		Shop Drawings	1. plan with location of loop, light an checkpoint access card swipe		
00054	0	Relocate Checkpoint Access & Control System for East Basement Access w/New Red Beacon Light & Loop	SP 40		Material Certification	certification for all materials and equipment provided		
00055	0	Provide & Install Checkpoint Access & Control System for West Basement Access w/New Red Beacon Light & Loop	SP 41		Material Certification	certification for all materials and equipment provided		
00056	0	Provide & Install Checkpoint Access & Control System for West Basement Access w/New Red Beacon Light & Loop	SP 41		Shop Drawings	1. plan with location of loop, light an checkpoint access card swipe		
00057	0	Terminal Building Work	SP 49		Shop Drawings			
00058	0	Selective Demolition	01732	1.6 A.	Miscellaneous	Proposed Protection Measures: submit report with drawings.		
00059	0	Selective Demolition	01732	1.6 B.	Schedule	Schedule of Selective Demolition Activities		
00060	0	Selective Demolition	01732	1.6 C.	Material List	Inventory: list of items removed and salvaged and deliver to Owner prior to start of demo		
00061	0	Selective Demolition	01732	1.6 D.	Miscellaneous	Pre-Demo photographs or video - submit prior to work begins.		
00062	0	Selective Demolition	01732	1.6 E.	Miscellaneous	Statement of Refrigerant Recovery		
00063	0	Building Earthwork	02220	1.2 A.	Test Reports			
00152	0	Self-Adhering Sheet Waterproofing	07131	1.3 A. 1-2	Product Data			
00153	0	Self-Adhering Sheet Waterproofing-LEED	07131	1.3 B.	LEED	Product Certificates for Credit MR 5 - see spec for detailed description of compliance		

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00154	0	Self-Adhering Sheet Waterproofing	07131	1.3 C.	Shop Drawings			
00155	0	Self-Adhering Sheet Waterproofing	07131	1.3 D.	Sample	1. 8x8 of waterproofing and flashing sheet 2. 8x8 of insulation. 3. 4x4 of drainage panel.		
00156	0	Self-Adhering Sheet Waterproofing	07131	1.4 A.	Qualification Data			
00157	0	Self-Adhering Sheet Waterproofing	07131	1.4 B.	Field Reports	Field quality control reports.		
00158	0	Self-Adhering Sheet Waterproofing	07131	1.4 C.	Warranty	Sample warranties.		
00159	0	Thermal Insulation (vertical below-grade)	07210	1.5 A.	Product Data			
00160	0	Thermal Insulation (vertical below-grade)-LEED	07210	1.5 B.	LEED	Product Data for Credit MPR 4 -see spec for detailed description of compliance		
00161	0	Thermal Insulation (vertical below-grade)	07210	1.6 A.	Test Reports	Product test reports		
00198	0	Sanitary Manhole Shop Drawings: Sani 3, ST 62, ST 63, ST 64, T 65, ST 61, ST 92, ST 82, ST 83, ST 84, ST 85, ST, 86, ST 90, ST 91, S-02, ST 80, ST 81, ST 72, ST, 71, ST 73, and ST 74 (Del Zotto Pre-Cast Concrete Products)	MN/DOT 2506		Shop Drawings		8/5/2010	
00198	1	Sanitary Manhole Shop Drawings: ST 71, ST, 72, ST 63, ST 65 & ST 82	MN/DOT 2506		Shop Drawings			
00199	0	4, 6, 8 and 12 Inch Water Main Tyton Joint Pipe	MN/DOT 2504		Product Data	Need mill certs/Buy American Certification	8/5/2010	
00200	0	12" Mechanical Joint Butterfly Valve	MN/DOT 2504		Shop Drawings	Need mill certs/Buy American Certification	8/5/2010	
00201	0	29U-Domestic Cast Iron Curb, Service & Valve Box Tyler Union)	MN/DOT 2504		Product Data	Need mill certs/Buy American Certification	8/5/2010	
00202	0	Mechanical Joint C153 Ductile Iron Compact Fittings	MN/DOT 2504		Product Data	Need mill certs/Buy American Certification	8/5/2010	
00203	0	RomaGrip Pipe Restraint	MN/DOT 2504		Product Data	Need mill certs/Buy American Certification	8/5/2010	
00204	0	Anode Caps	MN/DOT 2504		Product Data	Need mill certs/Buy American Certification	8/5/2010	
00205	0	HS-CCS PE 30 Tracer Wire	MN/DOT 2504		Product Data	Need mill certs/Buy American Certification	8/5/2010	
00206	0	THHN/THWN-2 Conductor Wire	MN/DOT 2504		Product Data	Need mill certs/Buy American Certification	8/5/2010	
00207	0	Gravity Sewer Pipe	MN/DOT 2503		Product Data	Need mill certs/Buy American Certification	8/5/2010	

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00208	0	Flexible Couplings	MN/DOT 2503		Product Data	Need mill certs/Buy American Certification		8/5/2010
00209	0	PVC Sewer Fittings	MN/DOT 2503		Product Data	Need mill certs/Buy American Certification		8/5/2010
00210	0	12", 15", 18", 24", 30", 42" Pipe	MN/DOT 2503		Product Data	Need mill certs/Buy American Certification		8/5/2010
00211	0	Solvent Weld Gravity Sewer Pipe	MN/DOT 2503		Product Data	Need mill certs/Buy American Certification		8/5/2010
00212	0	4" PVC SDR 35 Sewer Pipe Underdrain	MN/DOT 2503		Shop Drawings	Need mill certs/Buy American Certification		8/5/2010
00213	0	Waterborne Traffic Marking Paint	MN/DOT 2582		Product Data			8/10/2010
00214	0	Standard Highway Spheres	MN/DOT 2582		Product Data			8/10/2010
00215	0	Standard Highway Spheres	MN/DOT 2582		MSDS			8/10/2010
00227	0	12" MJ Butterfly Valve	MN/DOT 2504		Certification			8/18/2010
00228	0	Fittings	MN/DOT 2504		Certification			8/18/2010
00229	0	RomaGrip Pipe Restraint	MN/DOT 2504		Certification			8/18/2010
00230	0	Tracer Wire, Conductor and Insulation	MN/DOT 2504		Certification			8/18/2010
00231	0	Flexible Couplings	MN/DOT 2503		Certification			8/18/2010
00232	0	Sewer Fittings	MN/DOT 2502		Certification			8/18/2010
00233	0	Goldflor Pipe	MN/DOT 2503		Certification			8/18/2010
00234	0	Quazite Box Product Data and Shop Drawings	MN/DOT 3837		Product Data			8/18/2010
00235	0	368 Manhole Frame Equal to R-1723	MN/DOT 2506		Shop Drawings			8/18/2010
00236	0	R-32350-EV Frame	MN/DOT 2506		Shop Drawings			8/18/2010
00237	0	R-3250-BV Type "V" Grate	MN/DOT 2506		Shop Drawings			8/18/2010
00238	0	R2573 Grate	MN/DOT 2506		Shop Drawings			8/18/2010
00239	0	R-1733 High Frame	MN/DOT 2506		Shop Drawings			8/18/2010
00240	0	Certification of Aggregates and Granular Materials: Class 5 & Select	MN/DOT 3149/3138		Certification			8/18/2010
00241	0	Field Gradation Test Report: 194 Pit - Class 5			Test Reports			8/18/2010
00242	0	Field Gradation Test Report: Washed Sand - 194 Pit for Select & BA			Test Reports			8/18/2010
00243	0	Eversion Liner for Hot Water/Steam Cure Installation	MN/DOT 2503		Technical Data Sheets			8/18/2010

Kraus-Anderson® Construction Company**Required Submittals Register****New Passenger Terminal Bid Package 1**4701 Grinden Drive
Duluth, MN 55811**Project # 20225**

Tel: 218-727-8363 Fax: 218-727-4517

Number	Rev	Description	Spec Section	Sub Section	Type	Notes	Due	Actual
00244	0	Polyurethane Coated Liner for Hot Cure Eversion	MN/DOT 2503'		Technical Data Sheets			8/18/2010
00245	0	COR78-AT-329 ValueRez CIPP Resin	MN/DOT 2503		Technical Data Sheets			8/18/2010
00246	0	Traffic Control Plan - Phase I	MN/DOT 1710		Schedule			8/20/2010

New Passenger Terminal Bid Package 1
4701 Grinden Drive
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Three Week Look Ahead Schedule

[illegible]

KACC Project #20225 New Passenger Terminal Bid Package I

Contractor	Sun Aug 15	Mon Aug 16	Tue Aug 17	Wed Aug 18	Th Aug 19	Fri Aug 20	Sat Aug 21	Sun Aug 22	Mon Aug 23	Tue Aug 24	Wed Aug 25	Th Aug 26	Fri Aug 27	Sat Aug 28	Sun Aug 29	Mon Aug 30	Tue Aug 31	Wed Sept 1	Th Sept 2	Fri Sept 3	Sat Sept 4
Landscaping & Erosion Control Erosion Control Specialists, Inc.																					
Fill and Abandon Pipe EJM Pipe Service, Inc.																					
Directional Boring Ground Effects Directional Boring																					
Concrete Flatwork Hovland, Inc.																					
Handicap Lot Curb Ramp																					
Fencing/Guardrail Keller Fence Company																					
Temp Construction Fencing																					
Remove Guard Rail and cut off posts																					
Gas Main Midwest Boring & Underground																					

KACC Project #20225 New Passenger Terminal Bid Package I

Contractor	Sun Aug 15	Mon Aug 16	Tue Aug 17	Wed Aug 18	Th Aug 19	Fri Aug 20	Sat Aug 21	Sun Aug 22	Mon Aug 23	Tue Aug 24	Wed Aug 25	Th Aug 26	Fri Aug 27	Sat Aug 28	Sun Aug 29	Mon Aug 30	Tue Aug 31	Wed Sept 1	Th Sept 2	Fri Sept 3	Sat Sept 4
Traffic Markings, Paint, Sealcoat																					
Sinnott Blacktop, Inc.																					
Handicap Lot Striping Complete																					
Tree Removal																					
Rick's Tree Service																					
Complete																					
CIPP Liner																					
Veit Specialty Contracting																					
Stairway lining																					
Concrete Waterproofing																					
Waterproofing by Experts, Inc.																					
WS 3.10 Structural Concrete																					
Kelleher Construction, Inc.																					
Rebar Installation																					
Woody's Rebar Co., Inc.																					

KACC Project #20225 New Passenger Terminal Bid Package I

Contractor	Sun Aug 15	Mon Aug 16	Tue Aug 17	Wed Aug 18	Th Aug 19	Fri Aug 20	Sat Aug 21	Sun Aug 22	Mon Aug 23	Tue Aug 24	Wed Aug 25	Th Aug 26	Fri Aug 27	Sat Aug 28	Sun Aug 29	Mon Aug 30	Tue Aug 31	Wed Sept 1	Th Sept 2	Fri Sept 3	Sat Sept 4
WS 4.10 Masonry																					
Harbor City Masonry, Inc.																					
WS 5.10 Structural/Miscellaneous Steel																					
Dynamic Structural Steel LLC																					
Steel Erector																					
Northern Industrial Erectors, Inc.																					
K.A. Miscellaneous Walkways																					