



4525 Airport Approach Road, Suite A
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Date: May 26, 2009

RE: **City of Duluth Bid #09-4402
(Runway 3/21 Pavement Rehabilitation Taxiway A4 Pavement Removal and
Taxiway Lighting)**

Addendum #1

TO: Prospective Bidders

This Addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated May 8, 2009. Acknowledge receipt of this Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

Invitation to Bid:

No Changes

Bid Form:

No Changes

Specifications:

Part 8-Technical Specifications, Item P-104 Project Survey and Stakeout add the follow under paragraph 104-1.1. The Contractor shall provide a topographical survey of the existing conditions of Runway 3/21. The survey shall be taken at full station intervals with 5 shots at each full station. (Centerline, 35' left & right and 75' left and right). The survey shall be done with a Total Station (GPS will not be allowed). The contractor shall provide the engineer an XML file of the AutoCAD 2007 or newer surface, and the comma delineated points file (PNEZD). The verification survey shall be provided to the Engineer two weeks prior to the start of construction.

Part 9-Special Provisions Section S-6 Cold-In-Place Recycle (CIR) Part C. Quality Control/quality Assurance, Paragraph 7 Recycled Material Compacted Density. Add the following. The CIR shall be compacted to 96% marshal density (50 Blows) ASTM D6926. The material shall be divided into 2000 ton lots. Each lot shall be equally divided into four equal sublots. A lot will not be accepted until all four subplot tests are equal to or greater than 96% marshal density.

Drawings:

General Note: The Cold- Inplace Recycle (CIR) is only done on the mainline Runway 3/21 pavement. CIR will not be constructed in the taxiway connectors.

Sheet C101 "Schematic Construction Sequencing Diagram and Phasing Notes" Add the following note to "PHASING NOTES: 4. PHASES 1, 2 & 3 CAN BE CONSTRUCTED CONCURRENTLY."



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Sheet C102 "Safety Notes" Illuminated Runway Closure Markers Notes, Delete Note 3. UPON COMPLETION OF THE PROJECT, THE CONTRACTOR SHALL REPLACE THE EXISTING DIESEL GENERATOR WITH A 5KW GASOLINE POWERED GENERATOR. THIS WILL BE A NON-PAY ITEM AND WILL BE CONSIDERED INCIDENTAL TO THE PROJECT." Add Note 3. THE CONTRACTOR SHALL REPLACE THE EXISTING DIESEL GENERATORS WITH A NEW HONDA EU3000iS GASOLINE GENERATOR. THE EXISTING GENERATORS WILL BE TURNED OVER TO THE DULUTH AIRPORT AUTHORITY. THIS ITEM IS COVERED UNDER P-105 TEMPORARY CONSTRUCTION ITEMS."

Sheet C102 "Safety Notes" Low Level Lighted Barricades. The contractor shall provide 25 orange and 25 white Neupert Aero Corporation 8" Low profile Barricades with 2-solor powered red flashing lights or approved equal to be used for the duration of the project. Upon completion of the project the barricades all become the property of the Duluth Airport Authority. The Low Level Lighted Barricades Detail Shall be deleted, but the Low Level Lighted Barricades notes still apply. The barricades are incidental to pay item P105-5.1 Temporary Construction Items.

Link to low level barricades:

<http://www.airportnac.com/AirportBarricades/8ftLowProfileBarricade.aspx>

Sheet C201 "Demolition Plan Runway 3-21 Sta. 32+50 to Sta. 56+50" The Limits of the Cold In Place Recycle shall not occur within 300' of the Runway 9-27 Centerline.

Sheet C200-C202 Demolition Plan Runway 3-21 Sta.10+00-67+50 and Taxiway A4 delete and replace the following legend description: Delete "MILL AND REPLACE EXISTING 8"THICK AC PAVEMENT FOR COLD-INPLACE RECYCLE REMOVAL LIMITS PER PLAN. Replace with "MILL 4" NOMINAL DEPTH AND 4" of COLD-INPLACE RECYCLE. THE 4" MILL SHALL BE PER THE PLAN AND THE 4" CIR SHALL ONLY BE THE MAINLINE RUNWAY MINUS 300' NORTH AND SOUTH OF THE RUNWAY 9/27 CENTERLINE."

All else remains the same.

Sincerely,
Reynolds, Smith and Hills, Inc.

John E. Hippchen, PE

END OF ADDENDUM NO. 1