

IOWA DEPARTMENT OF TRANSPORTATION

MAJOR ITEMS - PRELIMINARY QUANTITY REPORT
(for information only)

Proposed Letting Date: October 27, 2015 1:00 P.M.

Proposed Bid Order: 001 Proposal ID: 78-0801-372

Proposed Contract Period: Completion Date of 06/01/18
Site 01: COMPLETE FIER GROUP 16G-8WB-9EB
Completion Date of 06/01/16
Site 03: COMPLETE STAGE 5 TRAFFIC
Completion Date of 11/15/17

Proposal Note:

SITE 01

CONTRACTOR SHALL COMPLETE CONSTRUCTION OF PIER GROUP 16G-8WB-9EB BY 6/1/2016. THIS INCLUDES COMPLETION OF PIER CONSTRUCTION PER PLAN AND RESTORATION OF THE FINAL GRADE ELEVATION OF THE ADJACENT TRACK ALIGNMENTS. IAIS RAILROAD WILL BEGIN TRACK CONSTRUCTION IN THIS AREA AFTER THIS DATE.

SITE 02

STAGE 4B TRAFFIC:
MAINTAIN WB I-80 TRAFFIC ON DETOUR 300100 MADISON AVENUE RAMP 'C' TO I-80 WB TO CLOSE 30 DAYS PRIOR TO OPENING OF NEW I-80 WB VIADUCT. CLOSURE WILL ALSO BE COORDINATED WITH THE COMPLETION OF RELATED WORK IN PROJECT IM-NHS-80-1(459)4--03-78.

SITE 03

STAGE 5 TRAFFIC:
COORDINATE TRAFFIC SHIFT WITH PROJECT IM-NHS-080-1(459)4--03-78.
SHIFT WB I-80 ONTO NEW LANES
SHIFT MADISON AVE. RAMP 'C' ONTO DETOUR 304000
OPEN I-80/I-29 RAMPS 'A' & 'G'

WORK RESTRICTIONS

STAGE 1:
PROJECT SITE FOR CONSTRUCTION OF RAMP G SOUTH ABUTMENT WILL NOT BE AVAILABLE UNTIL 4/1/2016
PROJECT SITE FOR I-80 WB VIADUCT WEST ABUTMENT WILL NOT BE AVAILABLE UNTIL 6/1/2016.
TOWER LIGHTING UNITS W-4 AND W-5 CANNOT BE CONSTRUCTED UNTIL GROUND IMPROVEMENTS ARE INSTALLED, EMBANKMENT IS COMPLETED, AND THE SETTLEMENT PERIOD HAS EXPIRED FOR DETOUR 300600, DETOUR 304100, US 275 RAMP C AND MAINLINE I-29 NORTHBOUND.

NOTES FOR WORK IN IAIS RAIL YARD AND INTERMODAL FACILITY

CONTRACTOR SHALL COORDINATE WITH IAIS RR ON SCHEDULE, LOCATION AND INSTALLATION OF TEMPORARY RAIL CROSSINGS, RAIL SWITCHES AND CONTRACTOR'S CRANE MATS. UP TO SIX (6) TEMPORARY RAIL CROSSINGS AND TWO (2) RAIL SWITCHES TO BE

Project(s):

Project No: IM-NHS-080-1(372)4--03-78
County: POTTAWATTAMIE

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Type of Work: BRIDGE NEW - STEEL GIRDER
 Route: I-80 Length: 0.00 miles
 Location: WB I-80 (VIADUCT) OVER NB I-29, RAILROADS
 AND HARRY LANGDON BLVD.

Project No: IM-NHS-080-1(373)4--03-78
 County: POTTAWATTAMIE

Type of Work: BRIDGE NEW - STEEL GIRDER
 Route: I-80 Length: 0.00 miles
 Location: E-W CONNECTOR I-80 TO I-29/80 LOCAL (RAMP "A")
 OVER CBEC RR AND LATERAL 5 DRAINAGE DITCH

Project No: IM-NHS-080-1(374)4--03-78
 County: POTTAWATTAMIE

Type of Work: PCC PAVEMENT - GRADE & REPLACE
 Route: I-80 Length: 0.00 miles
 Location: I-29/80 FROM E OF S EXPRESSWAY TO RAMP A/VIADUCT (NB/WB)

Project No: IM-NHS-080-1(375)4--03-78
 County: POTTAWATTAMIE

Type of Work: LIGHTING
 Route: I-80 Length: 0.00 miles
 Location: I-80 FROM VIADUCT TO MADISON AVE (WB) AND I-29 FROM
 RAMP F TO S EXPRESSWAY (NB)

Project No: IM-NHS-080-1(376)4--03-78
 County: POTTAWATTAMIE

Type of Work: TRAFFIC SIGNS
 Route: I-80 Length: 0.00 miles
 Location: I-29/80 IN COUNCIL BLUFFS - I-80 WB FR. WB VIADUCT TO
 MADISON AVE. & I-29 NB FR. RAMP "F" TO S. OF EXPRESSWAY

Project No: IM-NHS-080-1(377)4--03-78
 County: POTTAWATTAMIE

Type of Work: BRIDGE NEW - STEEL GIRDER
 Route: I-80 Length: 0.00 miles
 Location: WESTBOUND I-80 TO SOUTHBOUND I-29, RAMP G OVER
 I-80, I-29, RAMPS, CBEC RR, IAIS RR AND BNSF RR

Project No: IM-NHS-080-1(420)4--03-78
 County: POTTAWATTAMIE

Type of Work: NOISE WALL
 Route: I-80 Length: 0.00 miles
 Location: IN COUNCIL BLUFFS FROM WOODBURY AVE TO
 MADISON AVE RAMP "C" (WB)

Project No: IM-NHS-080-1(462)4--03-78
 County: POTTAWATTAMIE

Type of Work: PCC PAVEMENT - GRADE AND NEW
 Route: I-80 Length: 0.00 miles
 Location: I-80 IN COUNCIL BLUFFS FROM VIADUCT TO MADISON AVE. (WB)

Item No.	Item Description	Quantity/Unit
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SECTION NO. 0001

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DESIGN NO. 0116; 3349'-10 X VAR. CONTINUOUS WELDED GIRDER
BRIDGE (W.B.) IM-NHS-080-1(372)4--03-78

2403-0100010	STRUCT CONC (BRIDGE)	3,977	CY
2404-7775000	REINFORC STEEL	1,402,156	LB
2404-7775005	REINFORC STEEL, EPOXY COATED	3,389,535	LB

SECTION NO. 0003

DESIGN NO. 2916; 3329'-0 X VAR CONTINUOUS WELDED GIRDER
BRIDGE IM-NHS-080-1(372)4--03-78

2403-0100010	STRUCT CONC (BRIDGE)	506	CY
2404-7775000	REINFORC STEEL	280,880	LB

SECTION NO. 0005

DESIGN NO. 3016; 2645'-9 X VAR CONTINUOUS WELDED GIRDER
BRIDGE IM-NHS-080-1(372)4--03-78

2403-0100010	STRUCT CONC (BRIDGE)	88	CY
2404-7775000	REINFORC STEEL	59,367	LB

SECTION NO. 0008

DESIGN NO. 216:1188'-9 X VAR WIDTH CONTINUOUS WELDED GIRDER
BRIDGE IM-NHS-080-1(373)4--03-78

2403-0100010	STRUCT CONC (BRIDGE)	557	CY
2404-7775000	REINFORC STEEL	261,780	LB
2404-7775005	REINFORC STEEL, EPOXY COATED	565,018	LB

SECTION NO. 0010

ROADWAY ITEMS
IM-NHS-080-1(374)4--03-78

2102-2710070	EXCAVATION, CL 10, RDWY+BORROW	112,505	CY
2122-5190115	PAVED SHLD, PCC, 11.5"	11,611	SY
2301-1004115	STD/S-F PCC PAV'T, QM-C CL 3I, 11.5"	24,695	SY

SECTION NO. 0012

LIGHTING ITEMS
IM-NHS-080-1(375)4--03-78

2404-7775000	REINFORC STEEL	21,852	LB
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SECTION NO. 0013

SIGNING ITEMS
IM-NHS-080-1(376)4--03-78

2403-0100000	STRUCT CONC (MISCELLANEOUS)	215	CY
2404-7775005	REINFORC STEEL, EPOXY COATED	25,195	LB

SECTION NO. 0014

DESIGN NO. 0316; 3675'-0 X 32'-0 CONTINUOUS WELDED GIRDER
BRIDGE IM-NHS-080-1(377)4--03-78

2403-0100010	STRUCT CONC (BRIDGE)	4,077	CY
2404-7775000	REINFORC STEEL	1,084,178	LB
2404-7775005	REINFORC STEEL, EPOXY COATED	1,717,312	LB

SECTION NO. 0017

DESIGN NO. 0816; 704'-0 X VAR HEIGHT PRECAST CONCRETE NOISE
WALL IM-NHS-080-1(420)4--03-78

2403-0100000	STRUCT CONC (MISCELLANEOUS)	190	CY
2404-7775005	REINFORC STEEL, EPOXY COATED	26,480	LB

SECTION NO. 0018

ROADWAY ITEMS
IM-NHS-080-1(462)4--03-78

2102-2710070	EXCAVATION, CL 10, RDWY+BORROW	116,282	CY
2122-5190115	PAVED SHLD, PCC, 11.5"	3,896	SY
2301-1004115	STD/S-F PCC PAV'T, QM-C CL 3I, 11.5"	10,908	SY
2301-1033100	STD/S-F PCC PAV'T, CL C CL 3, 10"	610	SY

SECTION NO. 0019

ALTERNATE 'AA' OPTION 1: PCC PAVED SHOULDERS

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BID THIS SECTION IF ALTERNATE 'AA' OPTION 1 IS CHOSEN (462)
2122-5190007 PAVED SHLD, PCC, 7" 77 SY

