VI. WORK ORDER FOR FULL SERVICE DESIGN MASTER CONTRACT

For 0656-20-04 DTSD Administrator's Office

DOT FOS OBJECT CODE: 2564

CONSULTANT: HNTB Corporation

MASTER CONTRACT PROJECT ID: 0695-30-34

WORK ORDER NUMBER: 001

The DEPARTMENT proposes a transportation improvement PROJECT described as follows:

ALL SERVICES

The CONSULTANT services will be performed for the DEPARTMENT's Division of Transportation Systems Development – Administrator's Office located in Madison, WI and will be completed by September 30, 2008. Compensation for all Services provided by the CONSULTANT under terms of the WORK ORDER shall be:

A lump sum of $175,023.76.

Compensation in excess of the total WORK ORDER amount of $175,023.76 shall not be allowed unless approved by a written WORK ORDER amendment. Compensation for costs incurred as a result of improper performance by the CONSULTANT will not be allowed.

The CONSULTANT whose representative is Matthew T. Hintze, P.E., whose work address, e-mail address and telephone number are 11414 W. Park Place, Suite 300, Milwaukee, WI 53224, mhintze@hntb.com, (414) 359-2300.

The DEPARTMENT WORK ORDER (WO) Representative is Paul Trombino III, P.E., whose work address, e-mail address and telephone number are 4802 Sheboygan Avenue, Rm 451, PO Box 7965, Madison, WI 53707-7965, paul.trombino@dot.state.wi.us, (608) 264-6677. (Identify representative for each PROJECT if applicable.)

SCOPE OF WORK

This CONTRACT, made and entered into by and between the DEPARTMENT and the CONSULTANT, is for the purpose of conducting transportation planning study for the Division of Transportation System Development (DTSD). The services for this study will require providing professional engineering and planning consultant services to evaluate alternatives and make recommendations regarding the current and future transportation improvement program.

APPROVAL AND ACCEPTANCE: Approval and acceptance of this WORK ORDER including any attachments, shall incorporate this document as part of the MASTER CONTRACT between the CONSULTANT and the DEPARTMENT. All work and Services defined in this WORK ORDER shall be performed in accordance with the terms and conditions of the MASTER CONTRACT between the CONSULTANT and the DEPARTMENT.

CONSULTANT: Matthew Hintze Date: 5/29/08

Matthew T. Hintze, P.E., Vice President

(Print Name and Title)

APPROVED: Gregory A. Jacobson Date: 6-9-08

GREGORY A JACOBSON, CONTRACT MANAGER

(Print Name and Title)

Task	TASK	Project Manager $79.00	Sr Engineer $68.08	Sr Planner $48.51	Sr Urban Designer $46.83	Sr Landscape Designer $39.96	Real Estate Specialist $33.61	Land Arch/Graphic Des $24.98	Admin/Clerical $20.26	Total Hours
Authorized Lump Sum Items										
1. Task 1 - Administration and Coordination										
Meetings (Internal and External)	740	80	8	8	4	4		4	4	112
Coordination	740	80							16	96
Progress Reporting and Billing	740	18							12	30
										0
										0
1. Task 1 - Administration and Coordination Total Hours		178	8	8	4	4	0	4	32	238
2. Task 2 - Conceptual Alignment and Bridge Study										
Conceptual Alignment (Jackson to Lake Parkway)	776	6	24	10	20			20	2	82
PreliminaryTraffic Evaluation for alignment configuration	776	4	20	8					2	34
Local Road Connections	776	6	12	8	8			20	2	56
Conceptual Bridge (Polk to Lake Parkway)	776	6	48	8				20	2	84
Renderings and Graphics	776	6	10		30	30		40	2	118
										0
										0
2. Task 2 - Conceptual Alignment and Bridge Study Total Hours		28	114	34	58	30	0	100	10	374
3. Task 3 - Harbor Area Vision										
Obtain Aerial Photos, GIS information	776				4			2	4	10
Review existing land-use	776	2			8			2		12
Review existing land-use plans	776	2			8			2		12
Develop conceptual land-use vision	776	2			60			24	4	90
Economic Impact Potential	776	2			12				2	16
Renderings and Graphics	776	2			60			24	2	88
										0
										0
3. Task 3 -Harbor Area Vision Total Hours		10	0	0	152	0	0	54	12	228
4. Task 4 - Real Estate Study										
Gather Data on Harbor Area Land Ownership	267						20		4	24
Last Deed documents from Title Company (100 parcels)	267						20		4	24
Map of findings	267						20			20
Acquisition Estimate for new roadway	267	2					70			72
Before and After Land Value Estimate	267	2					100		4	106
										0
4. Task 4 - Real Estate Study Total Hours		4	0	0	0	0	230	0	12	246
5. Task 5 - Comparative Cost Analysis										
Rehabilitation Costs (Jackson to Lake Parkway)	741	6	16						2	24
At-Grade Costs Concept costs (Jackson to Lake Parkway)	741	6	16						2	24
Life-cycle Cost Comparison	741	6	16						4	26
										0
										0
										0
5. Task 5 - Comparative Cost Analysis Total Hours		18	48	0	0	0	0	0	8	74
6. Task 6 - Summary Report										
Harbor Area Vision	748	2			24			24	4	54
Transportation Network	748	2	8						2	12
Cost Comparison Analysis	748	2	8						2	12
Real Estate Value Analysis	748	2					8		2	12
Economic Impact Analysis	748	2		8					2	12
										0
6. Task 6 - Summary Report Total Hours		10	16	8	24	0	8	24	12	102
Authorized Lump Sum Total Hours		248	186	50	238	34	238	182	86	1,262
Authorized Lump Sum Labor Cost		$18,600.00	$11,160.00	$2,425.50	$10,955.14	$1,358.64	$7,761.18	$4,473.56	$1,742.36	

Summary of Staff Hours and Direct Labor Costs

PROJECT TOTAL

Project ID: **Master Contract ID 0695-30-34 / WO #1 0656-20-04 DTSD Administrator's Office**

Classification		Project Manager		Sr Engineer		Sr Planner		Sr Urban Designer		Sr Landscape Designer		Real Estate Specialist		Land Arch/Graphic Dsn		Admin/Clerical			
Avg. Hourly Wage			$75.00		$60.00		$48.51		$46.03		$39.96		$32.61		$24.58		$20.26	Total Direct Labor	
Task	Activity Code	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars	Hours	Dollars
Project Dev-Admin/Coordination	740	178	$13,350.00	8	$480.00	8	$388.08	4	$184.12	4	$159.84	0	$0.00	4	$98.32	32	$648.32	238	$15,308.68
Prelimin Design-General	741	18	$1,350.00	48	$2,880.00	0	$0.00	0	$0.00	0	$0.00	0	$0.00	0	$0.00	8	$162.08	74	$4,392.08
Design-Reports	748	10	$750.00	16	$960.00	8	$388.08	24	$1,104.72	0	$0.00	8	$260.88	24	$589.92	12	$243.12	102	$4,296.72
Prelimin Design-Geometrics	776	38	$2,850.00	114	$6,840.00	34	$1,649.34	210	$9,666.30	30	$1,198.80	0	$0.00	154	$3,785.32	22	$445.72	602	$26,435.48
General Real Estate Services	267	4	$300.00	0	$0.00	0	$0.00	0	$0.00	0	$0.00	230	$7,500.30	0	$0.00	12	$243.12	246	$8,043.42
TOTAL:		248	$18,600.00	186	$11,160.00	50	$2,425.50	238	$10,955.14	34	$1,358.64	238	$7,761.18	182	$4,473.56	86	$1,742.36	1262	$58,476.38

Consultant Direct Labor Rates

Project ID: **Master Contract ID 0695-30-34 / WO #1 0656-20-04 DTSD Administrator's Office**

Employee Name(a)	Classification(b)	Current Rate(c)	% Pay Increase(d)	New Pay Rate(e)	Date of Increase(f)	% Work at Current Rate(g)	% Work at Increased Rate(h)	Weighted Average Hourly Rate(i)
Matt Hintze	Project Manager	$75.00	0.00%	$75.00	7/1/08	70.00%	30.00%	$75.00
Selected Individuals	Sr Engineer	$59.47	3.00%	$61.25	7/1/08	70.00%	30.00%	$60.00
Mark Kaminski	Sr Planner	$48.08	3.00%	$49.52	7/1/08	70.00%	30.00%	$48.51
Selected Individuals	Sr Urban Designer	$45.62	3.00%	$46.99	7/1/08	70.00%	30.00%	$46.03
Tom Kindschi	Sr Landscape Designer	$39.60	3.00%	$40.79	7/1/08	70.00%	30.00%	$39.96
Ted Torcivia	Real Estate Specialist	$32.32	3.00%	$33.29	7/2/08	70.00%	30.00%	$32.61
Selected Individuals	Land Arch/Graphic Dsn	$24.36	3.00%	$25.09	7/1/08	70.00%	30.00%	$24.58
Karen Wittbrot	Admin/Clerical	$20.08	3.00%	$20.68	7/1/08	70.00%	30.00%	$20.26

Contract Completion Date: 9/30/2008

Consultant Weighted Average Direct Labor Rates

Project ID: Master Contract ID 0695-30-34 / WO #1 0656-20-04 DTSD Administrator's Office

Classification: Project Engineer

Employee Name(a)	Current Rate(b)	Percent Contribution(c)	(b*c)
Chris Devery	$55.44	30.00%	$16.63
Terry Horst	$61.20	70.00%	$42.84
			$0.00
TOTAL		100.00%	$59.47

Classification: Sr Urban Designer

Employee Name(a)	Current Rate(b)	Percent Contribution(c)	(b*c)
Ed de Lara	$45.00	50.00%	$22.50
Scott Seifker	$46.24	50.00%	$23.12
			$0.00
TOTAL		100.00%	$45.62

Classification: Land Arch / Graphic Dsn

Employee Name(a)	Current Rate(b)	Percent Contribution(c)	(b*c)
Jodi Wolfe	$28.72	50.00%	$14.36
Carolyn Stuessy	$20.00	50.00%	$10.00
			$0.00
TOTAL		100.00%	$24.36

Fee Computation Summary by Engineering Task

HNTB Corporation
May 28, 2008

PROJECT TOTAL

Project ID: **Master Contract ID 0695-30-34 / WO #1 0656-20-04 DTSD Administrator's Office**

Task	Activity Code	Direct Labor Costs	Overhead Costs	Fixed Fee/Profit	Direct Expenses	Total
Project Dev-Admin/Coordination	740	$15,308.68	$23,801.94	$3,911.06	$778.75	$43,800.43
Prelimin Design-General	741	$4,392.08	$6,828.81	$1,122.09	$2,470.00	$14,812.98
Design-Reports	748	$4,296.72	$6,680.54	$1,097.73	$2,470.00	$14,544.99
Prelimin Design-Geometrics	776	$26,435.48	$41,101.88	$6,753.74	$2,470.00	$76,761.10
General Real Estate Services	267	$8,043.42	$12,505.91	$2,054.93	$2,500.00	$25,104.26
						$0.00
TOTAL:		$58,476.38	$90,919.08	$14,939.55	$10,688.75	$175,023.76

Negotiated Overhead Rate: 155.48

Percent Profit: 10

Direct Expenses by Item

Project ID: Master Contract ID 0695-30-34 / WO #1 0656-20-04 DTSD Administrator's Office

Item	Unit Amount	Unit Type	Rate	Total Expenses
Mileage	750	Each	$0.505	$378.75
Last Deed document from title company	100	Each	$25.00	$2,500.00
Printing (8.5 x 11) b/w	50000	Each	$0.07	$3,500.00
Printing (11 x 17) b/w	5000	Each	$0.15	$750.00
Printing (8.5 x 11) color	2000	Each	$0.79	$1,580.00
Printing (11 x 17) color	1000	Each	$1.58	$1,580.00
Meals	20	Each	$20.00	$400.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
				$0.00
TOTAL				$10,688.75

Consultant Contract Total Fee Computation

Project ID	Master Contract ID 0695-30-34 / WO #1 0656-20-04 DTSD Administrator's Office				Total for Contract
Number of Staff Hours	1262				1262
Total Direct Labor	$58,476.38				$58,476.38
Total Overhead Costs	$90,919.08				$90,919.08
Fixed Fee/Profit	$14,939.55				$14,939.55
Direct Expenses	$10,688.75				$10,688.75
Subtotal	$175,023.76	$0.00	$0.00	$0.00	$175,023.76
Subcontract 1					$0.00
Subcontract 2					$0.00
Subcontract Subtotal	$0.00	$0.00	$0.00	$0.00	$0.00
TOTAL COST	$175,023.76	$0.00	$0.00	$0.00	$175,023.76

Negotiated Overhead Rate: 155.48 **Percent Profit:** 10