

**GENERAL MEETING OF THE BOARD OF DIRECTORS
OF THE NORTH EAST TEXAS
REGIONAL MOBILITY AUTHORITY**

RESOLUTION NO. 18-05

WHEREAS, the North East Texas Regional Mobility Authority (“NET RMA”) was created pursuant to the request of Gregg and Smith Counties and in accordance with provisions of the Transportation Code and the petition and approval process established in 43 Tex. Admin. Code § 26.1, *et seq.* (the “RMA Rules”); and

WHEREAS, the Board of Directors of the NET RMA has been constituted in accordance with the Transportation Code and the RMA Rules; and

WHEREAS, subsequent to the initial formation of the NET RMA the Counties of Cherokee, Rusk, Harrison, Upshur, Bowie, Panola, Titus, Van Zandt, Wood, and Kaufman joined the Authority and are represented on the Board of Directors; and

WHEREAS, on March 26, 2013, in Resolution 13-13, the NET RMA Board of Directors approved the selection of Atkins North America (“Atkins”) to serve as one of the general engineering consultants (“GEC”) to the NET RMA and authorized the Chairman to execute an agreement with Atkins for the provision of general consulting civil engineering services; and

WHEREAS, Atkins has developed a proposed scope of services and a budget of \$122,194.16 for major renewal and replacement support on Toll 49, including oversight, planning, and design services; and

WHEREAS, a copy of that proposed scope of services and budget is contained in Work Authorization No. 20.0, attached hereto as Attachment “A”; and

WHEREAS, the Board of Directors must approve Work Authorization No. 20.0 before Atkins may proceed to work thereunder; and

WHEREAS, Atkins has represented to the Board of Directors that the work reflected in Work Authorization No. 20.0 is necessary and appropriate.

NOW THEREFORE, BE IT RESOLVED, that the Board of Directors of the NET RMA hereby approves Work Authorization No. 20.0 in the form attached hereto as Attachment “A”, for an amount not to exceed \$122,194.16; and

BE IT FURTHER RESOLVED, that all work performed under Work Authorization No. 20.0 shall be subject to the Agreement for General Consulting Civil Engineering Services between the NET RMA and Atkins and that no additional work may be undertaken without the specific approval of the Board of Directors.

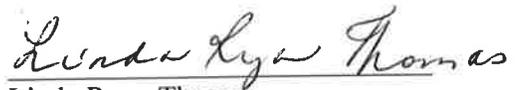
Adopted by the Board of Directors of the North East Texas Regional Mobility Authority on the 9th day of January, 2018.

Submitted and reviewed by:

Approved:



C. Brian Cassidy
General Counsel for the North East
Texas Regional Mobility Authority



Linda Ryan Thomas
Chair, Board of Directors
Date Passed 01/09/18
Resolution No. 18-05

WORK AUTHORIZATION

WORK AUTHORIZATION NO. 20

This Work Authorization is made as of this 9th day of January, 2018, under the terms and conditions established in the AGREEMENT FOR GENERAL CONSULTING ENGINEERING SERVICES, dated as of June 01, 2013 (the "Agreement"), between the North East Texas Regional Mobility Authority ("Authority") and ATKINS NORTH AMERICA, INC., ("GEC"). This Work Authorization is made for the following purpose, consistent with the services defined in the Agreement:

Toll 49 Major R&R Project Support – FY 2018

Section A. - Scope of Services

A.1. GEC shall perform the following Services:

The GEC will provide Program Management, Technical Studies and Preliminary / Final Designs for major replacement and renewal projects related to Toll 49. These will include but not be limited to: Slope Erosion and Drainage Repair Designs for the remainder of Toll 49; preparation of a Master CIP Pavement Plan (4-Yr plan) for Toll 49; and Designs for a One-Course Surface Treatment (OCST) on Segments 2 and 5 of Toll 49.

See Attachment A – Scope of Services.

A.2. The following Services are not included in this Work Authorization, but shall be provided as Additional Services if authorized or confirmed in writing by the Authority.

(none anticipated).

A.3. In conjunction with the performance of the foregoing Services, GEC shall provide the following submittals/deliverables (Documents) to the Authority:

GEC shall submit technical reports, studies, designs, schedules, cost estimates, meeting support documents, Board meeting presentations and other deliverables in printed and/or electronic format, as requested by the NET RMA.

Section B. - Schedule

GEC shall perform the Services and deliver the related Documents (if any) according to the following schedule:

This Work Authorization shall be effective from January 1, 2018 to September 30, 2018, a period of 9 months.

Section C. - Compensation

C.1. In return for the performance of the foregoing obligations, the Authority shall pay to the GEC the amount not to exceed \$ 122,194.16, based on the attached fee estimate.

See Attachment B – Fee Estimate.

C.2. Compensation for Additional Services (if any) shall be paid by the Authority to the GEC according to the terms of a future Work Authorization.

Section D. - Authority's Responsibilities

The Authority shall perform and/or provide the following in a timely manner so as not to delay the Services of the GEC. Unless otherwise provided in this Work Authorization, the Authority shall bear all costs incident to compliance with the following:

Provision of support documents and prompt response to inquiries as requested by the GEC.

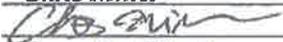
Section E. - Other Provisions

The parties agree to the following provisions with respect to this specific Work Authorization:

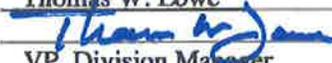
(none anticipated)

Except to the extent expressly modified herein, all terms and conditions of the Agreement shall continue in full force and effect.

Authority: North East Texas Regional
Mobility Authority

By: Chris Miller
Signature: 
Title: Executive Director
Date: _____

GEC:

By: Thomas W. Lowe
Signature: 
Title: VP, Division Manager
Date: _____

WORK AUTHORIZATION #20
NORTH EAST TEXAS REGIONAL MOBILITY AUTHORITY
ATTACHMENT A – SCOPE OF WORK
SERVICES TO BE PROVIDED BY ATKINS for
TOLL 49 MAJOR R&R SUPPORT – FY 2018

GENERAL PROJECT OVERVIEW

The GEC will provide Program Management; Technical Studies; Toll 49 slope erosion and drainage repair plans; a CIP Pavement Plan covering a 4-Year period; Plans for a One Course Surface Treatment (OCST) on Segments 2 and 5 of Toll 49; and other technical and administrative activities as requested by the Board. Effective date of this authorization is from January 1, 2018 to September 30, 2018.

The Scope of Services for this work authorization shall include engineering and administrative services for a period of approximately 9.0 months (270 days). These tasks will be conducted for the successful project advancement of Toll 49, for the satisfactory daily operation and maintenance of Toll 49, and for other necessary administrative and general engineering support functions.

1) PROGRAM MANAGEMENT

This task will involve Program Oversight of the project by the Project Director and Project Manager, as well as conduct of administrative tasks by other support staff. Tasks to be accomplished will include but not be limited to:

- Project design and setup in Atkins Vision and Oracle computer systems.
- Preparation of a Work Breakdown Structure and entry of tasks into Oracle using the Atkins Task Creation Tool.
- Preparation and Review of monthly invoices and progress reports for the project, as required by and in a format acceptable to the NET RMA.
- Conduct of monthly financial reviews and input to cost tracking systems to ensure that projects stay on schedule and budget, or that prompt notification is made to NET RMA if they are not.
- Attend internal and external meetings regarding all tasks as required to support the above activities.

2) TOLL 49 SLOPE EROSION and DRAINAGE REPAIR PLANS

This task will include the preparation of additional construction plans as required for the continued repair of significant slope and ditch erosion and other drainage issues on Toll 49. Plans will include the repair of eroded areas on Toll 49 Segment 3B that have not already been repaired, but were designated as needing repair in the erosion inspection of 2015. The new erosion plans will be based on those originally prepared in 2015, and will designate areas to be repaired in this Phase 2 work. Repairs will be made in order in accordance with priority designations assigned to each repair section by Mark McClanahan, NET RMA Maintenance Director and Tammy Sims, Atkins Project Director. Cost estimates will be made for the slope repairs, and summed cumulatively so that the number of repairs that can be made within the NET RMA's 2018 budget can be determined. Repairs not made in FY 2018 will flow forward to the FY 2019 slope repair program. The GEC will also assist the NET RMA with contract documents as necessary to extend the NET RMA's 2017 repair contract into FY 2018, or to select a new repair contractor, at the NET RMA's discretion.

3) 4-YEAR CIP PAVEMENT PLAN

This task will involve preparation of a Capital Improvements Projects (CIP) - style Pavement Plan for Toll 49. The plan will designate major Replacement and Renewal projects for Toll 49 to be conducted over a 4-Year period. The pavement plan will address items such as roadway texture, skid resistance properties, visibility of pavement markings and reflectors, need for shoulder backfill and support, and other related items pertaining to the Toll 49 pavement. Information from Balcones, the NET RMA's pavement consultant, will be reviewed and considered when developing pavement repair frequencies and methods; however, suggestions for type and frequency of pavement repairs needed will also be developed based on the experience of Mark McClanahan and Tammy Sims. Cost estimates and schedules will be developed in support of the 4-Year Pavement Plan.

4) SEGMENTS 2 AND 5 OCST DESIGNS

This task will involve designs and specifications for the placement of a One Course Surface Treatment (OCST) on Segments 2 and 5 of Toll 49. Some OCST paving will be accomplished as part of the large pavement milling, overlay, striping and signing project currently be conducted by NET RMA. The OCST plans developed under this task will be for all areas of ramps and main-lanes not already covered during the ongoing paving and striping for Super 2 sections on Segments 2 and 5. These OCST plans will be developed using available roadway layouts, with various shading and hatching patterns utilized on existing plans to designate areas to be paved and types of paving, striping and markings to be constructed. Once complete, these OCST plans will result in having all areas of Segments 2 and 5 resurfaced with a new riding surface and new safety striping and markings. These plans will be prepared in the winter and spring of 2018, with OCST construction scheduled for spring and summer of 2018.

5) QUALITY ASSURANCE AND QUALITY CONTROL

This task will involve conduct of all activities required by Atkins 5-Step Project Quality Control system as outlined in the “Atkins North America Quality and Technical Assurance Manual Final v1”. Atkins staff providing QC services will be independent of the work products and will ensure that Atkins technical assurance standards, design principles, CAD/BIM standards, QSE policies and “Right the First Time” procedures and schedules are followed for all NET RMA tasks conducted on the project. The 5-Step QC system will involve: (1) verifying that material is ready for QC review; (2) conducting the QC checks; (3) resolving any QC comments provided for the subject deliverables; (4) making changes based on the QC comments; and (5) verifying that all QC corrections have been made completely and thoroughly. Once complete, the Project Manager will verify the QC steps conducted, complete a QC Log, and approve the deliverable(s) for Client submittal.



Atkins North America

Cost Proposal - By Task

WA #20 - Major R&R Support

NET RMA

Attach. B - P100056384

Submittal Date: Jan-09-2018

Task ID	Description	Price
10	Program Management	18,423.99
20	Toll 49 Slope and Drainage Repair	37,123.81
30	CIP Pavement Plan	36,664.77
40	Segments 2 & 5 OCST Designs	25,004.18
50	Program QC/QA	4,977.42
0	0	-
Total Extended Price		\$122,194.16

ATKINS

Atkins North America

Cost Proposal - Detail

WA #20 - Major R&R Support
NET RMA

Attach. B - P100056384

Submittal Date: Jan-09-2018

Task#	Resource Category	Description	O/H Pool	Rate	Unit	Qty	Extended Price
10	Program Management						

Labor

Sr Project Director	Home	273.49	Hr	8.0	2,187.92
Project Director	Home	220.39	Hr	12.0	2,644.64
Sr Engineer IV	Home	207.68	Hr	20.0	4,153.56
Sr Engineer II	Home	141.79	Hr	48.0	6,805.93
CAD Designer II	Home	93.51	Hr	9.0	841.60
Sr Project Assistant	Home	86.43	Hr	10.0	864.34

Labor Total	107	17,497.99
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ODCs

Copies & Prints	1.0	EA	300.0	300.00
Shipping & Postage	15.0	EA	2.0	30.00

Travel

Lodging	85.0	DAY	2.0	170.00
Per Diem	46.0	DAY	6.0	276.00
Car Rental	50.0	DAY	3.0	150.00

Subcontract and Expenses Total		926.00
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10 Program Management Total		18,423.99
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20 Toll 49 Slope and Drainage Repair

Labor

Sr Project Director	Home	273.49	Hr	8.0	2,187.92
Project Director	Home	220.39	Hr	40.0	8,815.46
Sr Engineer IV	Home	207.68	Hr	40.0	8,307.11
Sr Engineer II	Home	141.79	Hr	100.0	14,179.02
CAD Designer II	Home	93.51	Hr	25.0	2,337.79
Sr Project Assistant	Home	86.43	Hr	15.0	1,296.51

ATKINS

Atkins North America

Cost Proposal - Detail

WA #20 - Major R&R Support

NET RMA

Attach. B - P100056384

Submittal Date: Jan-09-2018

Task#	Resource Category	Description	O/H Pool	Rate	Unit	Qty	Extended Price
Labor Total						228	37,123.81

20	Toll 49 Slope and Drainage Repair Total						37,123.81
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30	CIP Pavement Plan						
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Labor

	Project Director	Home	220.39	Hr	61.0	13,443.57
	Sr Engineer IV	Home	207.68	Hr	40.0	8,307.11
	Sr Engineer II	Home	141.79	Hr	80.0	11,343.22
	Sr Project Assistant	Home	86.43	Hr	16.0	1,382.94

Labor Total						205	36,664.77
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30	CIP Pavement Plan Total						36,664.77
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40	Segments 2 & 5 OCST Designs						
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Labor

	Sr Project Director	Home	273.49	Hr	4.0	1,093.96
	Project Director	Home	220.39	Hr	32.0	7,052.36
	Sr Engineer IV	Home	207.68	Hr	40.0	8,307.11
	Sr Engineer II	Home	141.79	Hr	40.0	5,671.61
	CAD Designer II	Home	93.51	Hr	16.0	1,496.19
	Sr Project Assistant	Home	86.43	Hr	16.0	1,382.94

Labor Total						148	25,004.18
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40	Segments 2 & 5 OCST Designs Total						25,004.18
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50	Program QC/QA						
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Labor

	Project Director	Home	220.39	Hr	5.0	1,101.93
	Sr Engineer IV	Home	207.68	Hr	8.0	1,661.42
	Sr Engineer II	Home	141.79	Hr	8.0	1,134.32

TOTAL MAINTENANCE CONTRACT CHANGE ORDER 2

Contractor: IIPL USA, LLC

Description of change and reason for Change Order:

Add additional Items and revise Original Item quantities and unit prices to the contract for Emergency Erosion Control Work. No Items are Plan Quantity.

Contract Items

ITEM	DESCRIPTION	UNIT	ORIGINAL QUANTITY	ORIGINAL PRICE	REVISED QUANTITY	REVISED PRICE
110	6003 RIPRAP (CONC) (6IN)	CY	0	\$ -	5	\$ 25.00
132	6005 EXCAVATION (SPECIAL)	CY	400	\$ 50.00	18099	\$ 16.50
160	6003 FURNISHING AND PLACING TOPSOIL (4 IN)	SY	300	\$ 10.00	1350	\$ 18.00
162	6004 MULCH SODDING	SY	300	\$ 10.00	26848	\$ 4.00
168	6001 VEGETATIVE WATERING	MG	15	\$ 100.00	314	\$ 55.00
169	6002 SOIL RETENTION BLANKET (CL I)(TY B or D)	SY	300	\$ 10.00	1736	\$ 5.00
432	6002 RIPRAP (CONC) (5 IN)	CY	0	\$ -	259	\$ 470.00
432	6016 RIPRAP (STONE TY R) (DRY) (12 IN)	CY	0	\$ -	353	\$ 130.00
432	6026 RIPRAP (STONE COMMON)(DRY)(18 IN)	CY	80	\$ 150.00	360	\$ 160.00
480	6001 CLEAN EXISTING CULVERTS	EA	10	\$ 400.00	14	\$ 1,200.00
506	6033 BULLDOZER WIRK (EROSION & SEDM CONT)	HR	5	\$ 500.00	305	\$ 130.00
506	6038 TEMP SEDIMENT CONTROL FENCE (INSTALL)	LF	500	\$ 5.00	3345	\$ 3.20
506	6039 TEMP SEDIMENT CONTROL FENCE (REMOVE)	LF	500	\$ -	3345	\$ 1.00
506	9999 BAILED HAY (round bales)	EA	0	\$ -	1055	\$ 13.00
166	6001 FERTILIZER	AC	0	\$ -	4	\$ 500.00
164	6003 BROADCAST SEED (PERM) (RURAL) (CLAY)	SY	0	\$ -	4000	\$ 0.30
164	6041 DRILL SEEDING (TEMP) (WARM)	SY	0	\$ -	4000	\$ 0.80
164	6056 BONDED FBR MTRX SEED (TEMP COOL)	SF	0	\$ -	4000	\$ 0.23
164	6066 DRILL SEEDING (PERM) (WARM OR COOL)	SY	0	\$ -	4000	\$ 0.80
731	6003 BASIL BARK HERBICIDE TRT (CUT STUMP)	EA	0	\$ -	4000	\$ 0.50
751	6002 HERBICIDE APPLICATION	MI	0	\$ -	4	\$ 100.00

By signing this change order, the contractor agrees to waive any and all claims for additional compensation due to any and all other expenses; additional changes for time, overhead and profit; or loss of compensation as a result of this change. Further, the contractor agrees that this agreement is made in accordance with the contract.

THE CONTRACTOR	Date	AMT. ADDED	\$250,000.00
BY:	_____	TIME ADDED	0
Printed Name	_____		
Printed Title	_____		

RECOMMENDED FOR EXECUTION:

APPROVED:

Name
NET RMA Maintenance Director

Title

Name
NET RMA Executive Director

Title