Michigan Department of Transportation
REQUEST FOR QUALIFICATIONS
FOR
CONSTRUCTION SERVICES

Submitted by:

Edward S. Plotkin, P.E.
[redacted]
Dobbs Ferry, New York 10522-3011

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Anticipated Key Dates:

- August 6, 2012 Initial Date Candidate Qualifications will be Accepted
- September 17, 2012 Electronic Notification Provided to Candidates
- Late October, 2012 Dispute Review Board Foundation Training Conducted in Lansing, MI (one half-day training period)
- November 1, 2012 Candidates Available for Panel Selection

MDOT PROJECT MANAGER:

R. Jason Clark, P.E.
8885 Ricks Rd
PO Box 30049
Lansing, MI 48909
517-322-6630
517-322-5664
ClarkJ25@michigan.gov

A. Contact Information

Name: EDWARD S. PLOTKIN,P.E. Date: August 21, 2012
[redacted] [redacted]
City: Dobbs Ferry
State: New York
Zip Code: 10522-3011
Phone #: 614-693-1659 Email Address: edward.plotkin@gmail.com

B. Professional Licenses/Registrations (Please provide name/type of license, state, expiration date and number.)

Name/Type of License/Registration State and Number Expiration Year

New York - PE 35957, issued May 1959, expiration 2013.
District of Columbia - PE 5256, issued August 1964, expiration 2013.
New Jersey - PE 15664, issued December 1967, expiration 2014.
Connecticut - PE 11379, issued May 1979, expiration 2013.
Massachusetts - PE 29991, issued February 1980, expiration 2014.

C. Education/Related Training (Please list degree, college/other school and dates. Please indicate the location and date of your training.)

University/College/Organization/Trade School Degree/Certificate Date/Year

Bachelor of Civil Engineering - City College of NY, 1953
Master of Civil Engineering - City College of NY, 1958
Master in Business Administration, Engineering Management - Baruch School, City University of NY, 1966

D. Construction Experience Summary

I have construction experience working in the following capacities:
* Civil Engineer Architect Builder/Developer
* Structural Engineer Electrical Engineer Designer/Planner
* General Contractor Accountant Chemical Engineer
* Construction Manager Supplier/Manufacturer Environmental Engineer
* Sub/Specialty Contractor Owner Representative Landscape Architect
Other (Describe): * Government - Commissioner of Public Works

I have substantial experience in the following types of construction:
Earth Retaining Systems Electrical Systems Environmental
Foundation Highway Landscaping
Marine Mechanical *Tunnel
Other (Describe):

E. Qualification Statement

Candidates shall have substantial experience in or directly related to public agency highway and bridge construction projects with or on behalf of federal, state, or local government agencies, particularly MDOT. Experience shall be a minimum of 10 years in active involvement, supervision, or management of public agency highway and bridge construction contracts

preferably with an emphasis in resolution of disputes arising out of said contracts.

Provide a 500 word or less statement of your qualifications that explain how you meet the aforementioned criteria:

Qualifications are from over 40 years in all facets of heavy construction from planning, designing, resident engineering in private and government sectors. DRB assignments allows my reviews and observations experienced as Construction Contractor, Consultant and Public Works Commissioner. Results of past DRB's have been successful since disputes were often settled prior to Hearings, those requiring formal Hearing, were settled.

Some examples of my varied positions are:

Independent Consulting Engineer - Consulting issues related to heavy construction and underground projects - Value engineering, Dispute Resolution Boards, constructibilty, feasibility, risk analyses and alternatives studies.

Jacobs Engineering - Civil Works, *Director*, Field Operations, Construction Management heavy construction projects.

Westchester County NY, DPW, *Commissioner* - Oversight of infrastructure facilities (population 1 million). Supervised 400 employees in design, maintenance and operation. Construction supervision of bridges, roads, sewage treatment plants and buildings.

MacLean Grove & Company, *Vice President* - On-site project manager for deep tunnel and cavern construction in NY, Boston and Washington DC for subway projects and NYC Water Tunnel #3. Contract management underground heavy construction.

DeLeuw Cather (now Parsons Transportation Group), *Deputy Design Director* - Planning, design and construction supervision of the NYC 2nd Avenue Subway.

Coakley & Booth Inc., *Vice President* - Designed and supervised construction for substructure contractor of temporary retaining structures, underpinning and foundations.

U.S. Navy Public Works, 3rd Naval District**,** Resident Engineer, Reconstruction of Dry Dock 3. Director, Civil Branch Manager for design of military site infrastructure at 3rd Naval District.

In addition, I am active in engineering and planning societies and conferences, and government organizations. These affiliations allow access to current criteria and investigative studies. My consulting work includes many assignments for determining infrastructure contract's scope and causes of failures. The work often was via participation on Expert Review Panels. Several examples:

SR 520 Phasing and Staging, Expert Review Panel for Bridge Replacement & HOV Program, Washington DOT, Seattle WA. Panel member to review, analyze and recommend alternatives for state arterial highway, bridge expansion and reconstruction program.

CRA-CEVP Workshop Team member – Alaskan Way Viaduct Replacement Project, Washington Dept. of Transportation, Seattle. Cost Risk Assessment (CRA) and Cost Estimate Validation Process CEVP) to review designs, constructability and alternatives for large diameter soft-ground tunnel replacing 4-lane State Route 99 viaduct.

Value Engineering Team member – NYS DOT Gowanus Expressway I-278 Viaduct Rehabilitation project.

Value Engineering for West Toronto Diamond Rail Grade Project, GO Transit, Toronto, ON. Member of Value Engineering Team fo construction of new grade crossing eliminating the diamond intersection of CN and CP Railroads.

Geotechnical Advisory Board, Fulton Street Transit Center, MTA, NY. Chairman of GAB for preliminary design by Arup, et al, for lower Manhattan multi-subway lines underground pedestrian connector

Combined Sewer Overflow, Portland, OR. Value Engineering Team member of the Value Engineering Team for the proposed CSO project.

Value Engineering for East-West Corridor Tunnel, Miami, FL for the Florida Department of Transportation. Member of the Value Engineering Team for the construction of this new light rail transit system.

F. General Experience Summary
Please provide a brief description of your experience in 25 words or less. If you are approved to be a DRB candidate, this information will be included next to your name on the Dispute Review Board Candidates List posted on MDOT's website.
Description:

DRB boards for tunnel/cavern construction; heavy construction Contractor Project Manager; Navy DPW Resident Engineer; Engineer for D/B structures/building underpinning; Westchester County, NY Commissioner of DPW.

G. DRB Experience (include past and current experience if applicable)

Experience MDOT Other Public Agencies Private Construction Total
# of Jobs as DRB Member:

Disputes Review Board, Member for Toronto Transit Commission, Toronto-York Spadina Subway Extension for new 6 subway stations and multiple tunnel and cut/cover contracts.

Disputes Review Board, Member for South Ferry Terminal Station, MTA NYCTransit for the construction of a two-track subway station and approach tracks constructed under several existing active subway tunnels and multiple major utilities at the south tip of Manhattan.

# of Jobs as DRB Chair:

Disputes Review Board, Chair - Monroe County Water Authority, Rochester, NY, Eastside Water Supply Raw Water Intake Tunnel and Facilities. TBM bored tunnel 9.5' dia. X 1.2 miles under Lake Ontario plus land side structures and shafts.

Disputes Review Board, Chair for Milwaukee County Grounds Floodwater Management Facility Structures and Tunnel, Milwaukee Metropolitan Sewer District, DRB for 2,800 lf soft ground tunnel beneath flood plain and ancillary structures.

Disputes Review Board, Chair for Harbor Siphons, Milwaukee Metropolitan Sewer District. Chairman, DRB for 2-1/2 miles of under-harbor sewer siphon tunnels and ancillary structures.

Disputes Review Board, Chair for North 27th Street ISS Extension, Milwaukee Metropolitan Sewer District., DRB for the TBM mined 2-mile of interceptor sewer tunnel and ancillary structures.

Disputes Review Board, Chair for Northwest Side Relief Sewer, Milwaukee Metropolitan Sewer District, Wauwatosa, WI., DRB for the construction of tunnel boring of 7.1 miles of relief sewer 120 to 165 feet deep. Project completed with no claims.

Disputes Review Board , Chair for MWRA Braintree-Weymouth Tunnel and Shafts. DRB retained by both parties for the subaqueous tunnel for sewage will be mined to the Nut Island Treatment Plant by TBM and to the Fore River shaft by drill & blast method. Project completed with no claims.

H. Conflict of Interest and Ethics Statement

I will provide a conflict of interest statement and a disclosure statement describing past, present, anticipated, and planned relationships, including indirect relationships through my present employer, to other parties involved in a construction project, including but not limited to, relevant construction engineering and inspection (CEI) firms, contractors, or suppliers to the parties, parties' principals, or parties' counsel. Furthermore, I will disclose any close professional or personal relationships with all key members in the project. This will be completed prior to accepting a nomination to serve on a DRB panel for any construction project.

I agree **XX** I do not agree

I. Compensation

I agree that I will be fully compensated in accordance with the terms and conditions of the contract and Dispute Review Board Agreement. This will be full compensation for on site time, review time, travel expenses, transportation, lodging, time for travel and incidentals for each day,

or portion thereof that I am at an authorized DRB hearing. In addition, I will be paid the appropriate rate specified in the Dispute Review Board Agreement for additional days necessary to conduct a hearing that has been authorized.

I agree **XX** I do not agree

J. Professional References
Provide the following information for at least two references to attest to your professional experience as depicted in this application. In addition, these references should be able to attest to your suitability to perform as a DRB member and provide additional information about you.

Name: Milwaukee Metropolitan Sewage District, [redacted] Wauwatosa, WI 53226

Contact: David Kasper, P.E., tel. 414-225-2183.

Toronto Transit Commission, [redacted] Toronto, Ontario, Canada, M4S 1Z2

Contact: D. J. Zander, P.Eng. tel. 416-397-8721.

Schiavonne Construction Co., [redacted] Secaucus, NJ, 07094

Contact: Paul Scagnelli, P.E. tel. 201-867-5070.

Certification and Acknowledgement

XX The information in this application is true and accurate to the best of my knowledge, information, and belief. Moreover, I acknowledge that submittal of this application is not a guarantee of work as a DRB panel member. I further acknowledge that there is a selection and approval process that must occur in order to be a part of a project specific DRB panel. (Must be checked to submit form).

Signature of Applicant:_____

Send Completed Form to:

R. Jason Clark, P.E.
Construction Contracts Engineer
8885 Ricks Rd
PO Box 30049
Lansing, MI 48909 ClarkJ25@michigan.