

BEFORE THE METRO CONTRACT REVIEW BOARD

FOR THE PURPOSE OF AUTHORIZING AN)
EXEMPTION TO METRO CODE CHAPTER)
2.04.041 (C) TO ENTER INTO A SOLE)
SOURCE CONTRACT WITH JOHN R. FRASER)
TO PROVIDE EXPERTISE ON COLLECTING,)
ANALYZING, AND INTERPRETING ACOUSTICAL)
DATA GERMANE TO THE WASHINGTON PARK)
LIGHT RAIL STATION CONSTRUCTION RESEARCH)
PROJECT.)

RESOLUTION NO. 95-2116

Introduced by Mike Burton,
the Executive Officer

WHEREAS, systematic recording of noise and vibration associated with the blasting and other construction activity for the Washington Park Light Rail Station is critical to documentation of the impact on the Zoo's animals, and

WHEREAS, MWPZ has received federal funding to permit the monitoring of the animals' behavioral and physiological responses to TriMet's construction of a Light Rail Station at Washington Park which is presently underway, and

WHEREAS, a limited number of companies/individuals possess the expertise necessary to monitor the type and use of acoustic recording as well as in the interpretation of said results as they impact animals and a team approach is commonplace for such endeavors, and

WHEREAS, John R. Fraser has performed similar work (Metro Toronto Zoo; Canadian Wildlife Service, Environment Canada; collaboration with a federally funded, multi-institutional study at 17 zoological institutions in North America) possesses a unique combination of skills to both monitor and interpret the results, and is readily available for this assignment, and

WHEREAS, a traditional public RFP process for such services would add complexity, postpone immediate action and add cost to such a project, but result in limited competition and no specific assurances as to the quality of the work performed, and

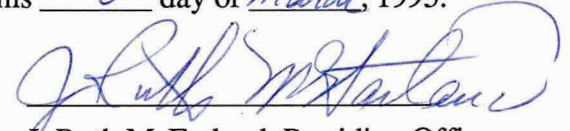
WHEREAS, use of John R. Fraser's services would expeditiously satisfy the MWPZ's immediate need without encouraging favoritism or substantially limiting competition within the marketplace,

WHEREAS, the Metro Council as public Contract Review Board declares that pursuant to Metro Code Chapter 2.04.041(c) the use of John R. Fraser as consultant to the acoustic component of this study is a sole source transaction not subject to competitive bidding since this single exception will not encourage favoritism or substantially diminish competition for public contracts, in that only one qualified vendor exists, and will result in substantial cost savings and project enhancement for the Zoo, in that unqualified vendors or a combination of multiple consultants will not result in substantial cost savings and project enhancement for the Zoo, therefore,

BE IT RESOLVED,

That the Contract Review Board declares the use of John R. Fraser under the terms stated above to a sole source procurement exempt from competitive bidding, and authorized the Executive Officer to execute a contract in a form substantially similar to the attached scope of work.

ADOPTED by the Metro Contract Review Board this 30 day of March, 1995.



J. Ruth McFarland, Presiding Officer

Exhibit A
Scope of Work

The contractor will:

1. Assist the Zoo in developing the acoustical data collection criteria for Tri-Met, including deliverables and monitoring required.
2. Attend a meeting with Tri-Met representatives to develop an agreed upon monitoring program including locations, schedule and monitoring protocol.
3. Meet with the Zoo's Research staff to develop acoustical data collection protocols that will permit correlation with behavioral and physiological data.
4. Assist with acoustical data assessment by providing review of the sound and vibration reports and quantification of the data to correlate to behavioral and physiological data.
5. Assist in analyses and interpretation of acoustical data in relation to behavioral and physiological data.
6. Provide advice by telephone and FAX throughout the construction period on issues that may affect the research project.

The fee for this work will not exceed US\$4500 including John Fraser's time, one trip to Portland OR, accommodation and food for a three-day trip to Portland to attend the meetings, and assistance in interpreting the acoustical data. Date for this three-day visit would be mutually agreed upon with at least 15 days' notice given to Mr. Fraser.

Prior to Mr. Fraser's visit to Portland, the Zoo will provide copies of geotechnical reports for the construction site, the structural drawings for the buildings housing the 14 species intensively monitored, and a scaled site plan showing the location of the buildings.

Terms of Payment

- 1. The fee for this work will be US\$4400 including: a) one round trip airfare to Portland, b) accommodation and food for a three-day trip to Portland to attend the meetings establishing acoustical data collection protocol, c) John Fraser's time for the duration of this 8-month study assisting in analysis, interpretation and correlation of acoustical to behavior/physiological data.**
- 2. Disbursements not to exceed US\$100.00 (long distance telephone, FAX, courier and out-of-office printing charges) may be billed to the Metro Washington Park Zoo.**
- 3. Payment will be made upon completion of project tasks outlined in scope of work. Each invoice must identify tasks completed and include bills for all out-of-pocket expenses.**
- 4. Contractor shall provide invoices to Metro, 600 Grand Avenue, Portland, OR 97232-2736, and send a copy to Metro Washington Park Zoo, Attn: Dr. Jill Mellen, Conservation Research Coordinator, 4001 S.W. Canyon Road, Portland OR 97221-2799.**
- 5. Invoices must be approved by the Conservation Research Coordinator, Dr. Jill Mellen, prior to payment by Metro.**
- 6. Payment will be made for all approved invoices within 30 days after receipt of the same.**

STAFF REPORT

CONSIDERATION OF RESOLUTION 95-2116: AN EXEMPTION TO METRO CODE CHAPTER 2.04.041 (C) TO ENTER INTO A SOLE SOURCE CONTRACT WITH MR. JOHN R. FRASER TO PROVIDE EXPERTISE ON COLLECTING, ANALYZING, AND INTERPRETING ACOUSTICAL DATA GERMANE TO THE WASHINGTON PARK LIGHT RAIL STATION CONSTRUCTION RESEARCH PROJECT.

Date: 30 March 1995

Presented by: Dr. Jill Mellen

FACTUAL BACKGROUND AND ANALYSIS

The noise and vibration from the Tri-Met blasting may potentially have a negative impact on the health and well-being of the zoo's animal collection. In order to monitor this situation, we requested funds from Tri-Met to systematically study the relationship between the noise/vibration and the behavior and physiology of selected animals within the zoo's collection.

Monitoring the full spectrum of sound and vibration is an essential component of this study. While zoo staff will collect and interpret behavioral and physiological data, we need expertise and assistance in linking those behavioral and physiological data with the occurrence of sound and vibration associated with blasting.

John R. Fraser possesses a unique combination of skills that we find unparalleled. Unlike traditional studies on single aspects of environmental change, John's research focuses on the correlation of multiple physical stimuli as co-dependent variables in captive and free-ranging animals. John has previously conducted research focusing on statistical correlations between behavior and the constructed environment. He possesses proven and unique qualifications in animal psychology, architecture, technical recording protocols for long-term environmental assessment for multi-zoo studies (correlation of multiple physical stimuli as co-dependent variables for four endangered species at 52 zoos in North America). Additional relevant research projects include: influence of constructed habitats on captive wildlife breeding, developing methods of applying facilities data from captive species studies to predict the impact of environmental change on endangered wild populations, feasibility of a mixed species African Tropical Forest Exhibit for the Metro Toronto zoo including strategies for development without relocation of the existing gorilla population, and evaluation of outdoor exhibit expansion and indoor (research and off-exhibit holding) areas without relocation of the existing orangutan populations.

In short, Mr. Fraser will help us link the noise and vibration that the animals perceive during blasting for the Washington Park Light Rail Station with behavioral and physiological measures of health and well-being of the Zoo's animal collection.

The services of Mr. John Fraser are critical to the evaluation of the impact of construction on the health and well-being of the Zoo's animal collection. We believe that he is the best person to provide the critical acoustical expertise for this project and that it would be prudent to hire him for this project as outlined.