

1 **OM&A PURCHASED SERVICES – NUCLEAR OPERATIONS**

2
3 **1.0 PURPOSE**

4 This evidence presents the purchases of OM&A expense services for OPG's nuclear
5 operations (excluding Darlington Refurbishment, Pickering Refurbishment, Pickering
6 Feasibility and Darlington New Nuclear Program) that meet the threshold of \$20M in total
7 OM&A expense, consistent with OEB's filing requirements.

8
9 **2.0 OVERVIEW**

10 As detailed in Ex. F2-2-1, Section 3.1, OM&A purchased services represent the costs of
11 specialized external services, primarily for construction and maintenance services supporting
12 work programs. An overview of OPG's procurement processes is presented in Ex. F3-3-1.
13 Total OM&A purchase services expenditures for all contractors for the historical period (2020-
14 2024) was \$247.6M in 2020, \$300.5M in 2021, \$255.5M in 2022, \$287.4M in 2023, and
15 \$275.6M in 2024. The average annual OM&A purchased services for the regulated nuclear
16 facilities for all contractors over the period of 2020-2024 was \$273.3M.

17
18 Information on contractor contracts for OM&A purchased services within the nuclear
19 operations business that are equal to or in excess of the \$20M threshold, per supplier, for the
20 years 2020 through to 2024 is presented in Chart 1.

1
2

Chart 1

Purchase of Services - Nuclear Operations Contracts

| Contractor Name | Description/Nature of Activities | Tendering Process | | Rationale if Single Source |
|-------------------------|--|-------------------|---------------|--|
| | | Competitive | Single Source | |
| Black & McDonald Ltd. | Provider of general construction and Engineering-Procurement-Construction ("EPC") services. | X | X | The Request for Proposal ("RFP") process between the Extended Services Master Service Agreement contractors is a combination of competitive and single source. The cases where single source is utilized is due to contractor experience with certain systems, their capabilities, capacity and continuity of work. The utilized RFP process is consistent with OPG policies and procurement governance. |
| ES Fox Ltd. | Provider of general construction and EPC services. | X | X | |
| SLN-AECON JOINT VENTURE | Provider of general construction and EPC services. | X | X | |
| KINECTRICS | Provider of engineering services, safety analysis services and specialized code development and maintenance. | X | X | |

| Contractor Name | Description/Nature of Activities | Tendering Process | | Rationale if Single Source |
|----------------------|---|-------------------|---------------|--|
| | | Competitive | Single Source | |
| Conexus Nuclear Inc. | <p>The CANDU Owners Group Inc. is a not-for-profit organization which provides programs for the support, development, operation and maintenance of CANDU reactor technology. Rebranded to Conexus in 2025.</p> <p>All CANDU Operators in the world are members of the CANDU Owners Group Inc.</p> | | X | Not applicable due to the nature of the services provided. |
| BWXT | Darlington fueling machine technical services, Fuel bundle fabrication services, EPC services and Steam generator waterlancing services | | X | <p>1.OEM for the fueling machine</p> <p>2.Sole supplier for 28-element fuel</p> |
| CANDU Energy | Provides nuclear safety analysis, niche services and specialized parts & technical services to OPG | X | X | Specialized parts & technical services is for CANDU technology as they are the OEM |
| Framatome | <p>Framatome provides electrical technical support to support outages and ongoing operation. The services include inspection and maintenance support at Darlington and Pickering.</p> <p>Framatome provides Design Engineering Services support to OPG</p> | X | X | Technical expertise with equipment and Intellectual Property ("IP") rights. |

| Contractor Name | Description/Nature of Activities | Tendering Process | | Rationale if Single Source |
|------------------------|---|-------------------|---------------|--|
| | | Competitive | Single Source | |
| Intech | Provides non-destructive examination and testing services | X | | |
| RTD Quality Services | Provides non-destructive examination and testing services | X | | |
| Siemens | Pickering Turbine Generator operations and maintenance support | | X | OEM of equipment and own the IP rights |
| Unitech Services Gro | Provides nuclear laundry for Darlington and Pickering Maintenance | X | X | Single source as there is no other Canadian provider for services |
| Worley Canada Services | Non-nuclear design engineering services including operations and maintenance training, assessing and managed tasks support. Design oversight services for nuclear stations | X | X | Mostly competitive awards, when not competitive, it is due to specific training requests and available expertise. |
| GE Steam | Darlington Turbine Generator OPS and maintenance services | | X | OEM of equipment and own the IP rights |
| Tetra Tech | Provides niche and design engineering services | X | X | Expertise with research and development as well as electrical / Instrumentation & Control plant design services |
| Veolia | Operate and maintain Pickering Water Treatment Plant | X | X | Competitive from 2013 to 2023. A two-year extension (2024/2025) was granted per single source justification due to performance as well as price reductions |

| Contractor Name | Description/Nature of Activities | Tendering Process | | Rationale if Single Source |
|-----------------|----------------------------------|-------------------|---------------|--------------------------------|
| | | Competitive | Single Source | |
| | | | | negotiated with the contractor |