

## **APPENDIX B TFO CAPITAL COST ESTIMATES**

|                                  |                         |                       |                     |                                                  |                                                    |
|----------------------------------|-------------------------|-----------------------|---------------------|--------------------------------------------------|----------------------------------------------------|
| <b>Project Name &amp; No.</b>    | <b>JOSS MPC WAGF</b>    |                       | <b>D.0575</b>       | <b>TRANSMISSION PROJECT<br/>ESTIMATE SUMMARY</b> | <b>Capital<br/>Maintenance<br/>(if applicable)</b> |
| <b>Prepared by:</b>              | <b>AltaLink</b>         |                       |                     |                                                  |                                                    |
| <b>AACE Class: (future use)</b>  | <b>N/A</b>              | <b>Estimate Basis</b> | <b>PPS</b>          |                                                  |                                                    |
| <b>High Range</b>                | <b>20%</b>              | <b>Low Range</b>      | <b>-10%</b>         |                                                  |                                                    |
| <b>Date of Estimate:</b>         | <b>February 3, 2016</b> | <b>Base Year Used</b> | <b>2015</b>         |                                                  |                                                    |
|                                  |                         |                       |                     |                                                  |                                                    |
|                                  | <b>SYSTEM</b>           | <b>CUSTOMER</b>       | <b>TOTAL</b>        | <b>ASSUMPTIONS</b>                               |                                                    |
| <b>TRANSMISSION LINE</b>         |                         |                       |                     |                                                  |                                                    |
| Material                         | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| Labour                           | \$ -                    | \$ 80,000             | \$ 80,000           |                                                  | \$ -                                               |
| Supply & Install                 | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| <b>TOTAL TRANSMISSION LINE</b>   | <b>\$ -</b>             | <b>\$ 80,000</b>      | <b>\$ 80,000</b>    |                                                  | <b>\$ -</b>                                        |
| <b>SUBSTATION</b>                |                         |                       |                     |                                                  |                                                    |
| Material                         | \$ -                    | \$ 1,052,000          | \$ 1,052,000        |                                                  | \$ -                                               |
| Labour                           | \$ -                    | \$ 1,922,000          | \$ 1,922,000        |                                                  | \$ -                                               |
| Supply & Install                 | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| <b>TOTAL SUBSTATION</b>          | <b>\$ -</b>             | <b>\$ 2,974,000</b>   | <b>\$ 2,974,000</b> |                                                  | <b>\$ -</b>                                        |
| <b>TELECOMMUNICATION</b>         |                         |                       |                     |                                                  |                                                    |
| Material                         | \$ -                    | \$ 27,000             | \$ 27,000           |                                                  | \$ -                                               |
| Labour                           | \$ -                    | \$ 96,000             | \$ 96,000           |                                                  | \$ -                                               |
| Supply & Install                 | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| <b>TOTAL TELECOMMUNICATIONS</b>  | <b>\$ -</b>             | <b>\$ 123,000</b>     | <b>\$ 123,000</b>   |                                                  | <b>\$ -</b>                                        |
| <b>OWNERS</b>                    |                         |                       |                     |                                                  |                                                    |
| Pre-PPS cost                     | \$ -                    | \$ 31,000             | \$ 31,000           |                                                  | \$ -                                               |
| Proposal to Provide Service      | \$ -                    | \$ 57,000             | \$ 57,000           |                                                  | \$ -                                               |
| Facility Applications            | \$ -                    | \$ 100,000            | \$ 100,000          |                                                  | \$ -                                               |
| Regulatory & Compliance          | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| Land Rights - Easements          | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| Land - Damage Claims             | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| Land - Acquisitions              | \$ -                    | \$ 10,000             | \$ 10,000           |                                                  | \$ -                                               |
| Other                            | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| <b>TOTAL OWNERS COST</b>         | <b>\$ -</b>             | <b>\$ 198,000</b>     | <b>\$ 198,000</b>   |                                                  | <b>\$ -</b>                                        |
| <b>DISTRIBUTED</b>               |                         |                       |                     |                                                  |                                                    |
| Procurement Management           | \$ -                    | \$ 20,000             | \$ 20,000           |                                                  | \$ -                                               |
| Project Management               | \$ -                    | \$ 390,000            | \$ 390,000          |                                                  | \$ -                                               |
| Construction Management          | \$ -                    | \$ 233,000            | \$ 233,000          |                                                  | \$ -                                               |
| Contingency                      | \$ -                    | \$ 551,000            | \$ 551,000          |                                                  | \$ -                                               |
| Escalation                       | \$ -                    | \$ 96,000             | \$ 96,000           |                                                  | \$ -                                               |
| <b>TOTAL DISTRIBUTED</b>         | <b>\$ -</b>             | <b>\$ 1,290,000</b>   | <b>\$ 1,290,000</b> |                                                  | <b>\$ -</b>                                        |
| <b>SALVAGE</b>                   |                         |                       |                     |                                                  |                                                    |
| Transmission Line Labour         | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| Substation Labour                | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| Telecom Labour                   | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| Land Remediation and Reclamation | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
|                                  | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
|                                  | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| <b>TOTAL SALVAGE</b>             | <b>\$ -</b>             | <b>\$ -</b>           | <b>\$ -</b>         |                                                  | <b>\$ -</b>                                        |
| <b>OTHER COSTS</b>               |                         |                       |                     |                                                  |                                                    |
| AFUDC                            | \$ -                    | \$ -                  | \$ -                |                                                  | \$ -                                               |
| E&S/Overhead                     | \$ -                    | \$ 298,000            | \$ 298,000          |                                                  | \$ -                                               |
| <b>TOTAL OTHER</b>               | <b>\$ -</b>             | <b>\$ 298,000</b>     | <b>\$ 298,000</b>   |                                                  | <b>\$ -</b>                                        |
| <b>TOTAL PROJECT</b>             | <b>\$ -</b>             | <b>\$ 4,963,000</b>   | <b>\$ 4,963,000</b> |                                                  | <b>\$ -</b>                                        |