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Driving Better Roads

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To Whom It May Concern

Odyssey Energy Limited HISLAT® Street Lighting Performance Measurement System

We understand that Odyssey Energy Limited (OEL) is seeking ways to further commercialise its street lighting performance measurement system.

We were involved with the initial idea when as Opus we were working with Western Bay of Plenty District Council to establish robust, simple and economic performance measures for a 10-year performance based contract, which we won. Prior to this contract there were no suitable measures to cover street lighting. The key performance measure covers specific areas, which have targets set, based on the line sample lux data collected from the moving vehicle. The targets have been carefully set over the 10 year period to ensure that at the end of the contract period the street lighting inventory will be providing a level of service in accordance with the specified AS/NZS 1158 street lighting standard categories for the areas.

There was initially some reluctance from the sub contractors in relation to the measure, which OEL advised was due to pre contract indicative data being based on an experimental system, which had some limitations. These limitations were substantially removed in the later system used for contractual data. The improved the system now known as HISLAT® was developed with assistance from a FORST funded Technology in Industry Research Fellowship. OEL now have internal processes that are used to confirm repeatability of the results.

The performance measure and the HISLAT® system provides information not previously available at reasonable cost, and enabled street lighting to be included within the performance based contract in a similar way to other components of this multi faceted contract. It is a credit to OEL that they managed to develop the idea into a workable system for our contract, despite several initial technical difficulties.

We have appreciated OEL's enthusiasm, and wish them well with respect to the future development of HISLAT®. We would recommend that any appropriate organisation support them with their further development.

Yours sincerely

David McDougall
Inroads Asset Manager
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