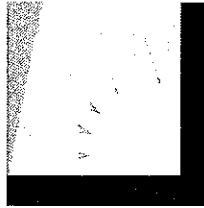


Facilities Study Addendum

March 19, 2010



SOUTHERN CALIFORNIA

EDISON

An *EDISON INTERNATIONAL*SM Company

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Confidential: Contains Critical Energy Infrastructure Information (CEII)



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I. Executive Summary

[REDACTED] applied to Southern California Edison Company (SCE) for interconnection and distribution service under the terms of SCE's Wholesale Distribution Access Tariff (WDAT). [REDACTED] will own and operate a 25 MW generating facility ([REDACTED]), located at the [REDACTED] Olinda/Alpha Landfill in [REDACTED], to be interconnected via a new 66kV generation tie-line within the Olinda 66kV Distribution System.

The [REDACTED] consists of [REDACTED] a net generation export of 18.4 MW. The generation facility would utilize [REDACTED] 41.5 MVA, 66/4.16 kV step-up transformer to interconnect the generation to SCE's system. The Project will be interconnected to SCE's electric system at the SCE owned [REDACTED] 66kV Substation bus via a SCE-owned generation tie-line. The Point of Interconnection to the CAISO grid would be the Olinda Substation 220kV Bus.

The Project will be connected to the SCE 66kV system via a new 66kV generation tie-line to be owned, operated and maintained by SCE.

The 66kV Line will be constructed between [REDACTED] and [REDACTED]

This is an addendum to the facility study issued on [REDACTED]

II. Facilities Study Methodology and Scope

The Facilities Study addendum shows the revised scope of work and the cost estimate for the telecom work. The revised estimate includes an estimate for the fiber optic cable that was provided by [REDACTED]. The [REDACTED] estimate was completed after a field walk to verify field conditions and lengths of fiber optics. This estimate is more accurate than a desktop estimate and has resulted in a reduction of the estimated cost.

Telecom:

Install approximately 1.5 miles of new overhead/underground fiber optic cable from SCE's [REDACTED] to the [REDACTED] site. Install [REDACTED] terminal and one channel terminal equipment at SCE [REDACTED]. Install [REDACTED] terminal and one channel terminal equipment [REDACTED] site. Provide [REDACTED] primary C37.94 – 64K protection data circuit and one voice Grade Data circuit for RTU operation.

The telecommunication, fiber optic, ADSS line will follow the Alpha 66kV Line, overhead, from SCE [REDACTED] to the last wooden pole in the vicinity of pole id [REDACTED] headed north toward the landfill. At that point the fiber optic cable will go underground into a dedicated pull box with access to the underground conduit bank for approximately [REDACTED]. The area where the fiber optic cable goes underground is in a paved street on the eastern side of [REDACTED].

The fiber optic cable will rise from the underground conduits via a dedicated pull box and through riser on to a wooden pole located in the vicinity of pole id [REDACTED] approximately [REDACTED] of [REDACTED]. Fiber optic ADSS cable will then be extended, overhead, directly attached to the, Tubular Steel Pole (TSP) along the Alpha 66kV line, transmission route into the land fill area.

At the edge of the land fill area a wooden pole will be installed within thirty feet in the vicinity of the last TSP, from there the fiber optic cable will go underground via a vault into a conduit run to the [REDACTED] RTU equipment room.

III. Conclusions

- A. The estimated cost for telecom using the recent field information is \$1,000,350 including ITTC. The estimated cost for telecom provided in the August 14, 2009 facility study is \$1,391,000 including ITTC.
- B. Using the recent field information for the telecom portion, the estimated cost to interconnect the Project is approximately \$3,449,000 for Case A with the potential additional cost of \$616,000 for Case B for a total Maximum Cost Exposure of \$4,065,000. Using the estimates provided in the August 14, 2009 facility study for the telecom portion, the estimated cost to interconnect the Project is approximately \$3,840,000 for Case A with the potential additional cost of \$616,000 for Case B for a total Maximum Cost Exposure of \$4,456,000.
- C. The costs indicated in the attached tables are shown 2010 Dollars and are not firm. These are only preliminary estimates based on conceptual engineering and system unit costs, and are subject to change based on the final design and actual material costs. This Facilities Study and cost estimates as presented are valid for a period of 90 days.
- D. The estimated Project cost will be reconciled to actual costs upon closure of the associated work orders. The necessary billing adjustments will be made in accordance with the terms of the interconnection agreement.