

## 附件 5:

**合同编号:** 09G02-1020

**合同名称:** 开发高效照明节电技术最佳实践案例

**合同期限:** 12 个月

**合同预算:** 不高于 100,000 美元

### 合同目标:

- 开发至少 5 种高效照明节电技术的最佳实践案例,并在照明行业中推广应用。

### 资质要求:

- 熟悉了解照明行业和照明节电技术现状;
- 具有丰富的照明节电技术最佳实践案例研究开发经验;
- 具有良好的专家组织和协调能力,能够充分调动社会资源帮助项目的顺利实施。

### 主要内容:

- 调研现有高效照明节电技术现状及使用情况;
- 研究制定高效照明节电技术综合评价方法;
- 筛选出至少 5 种高效照明节电技术案例,并运用综合评价方法对其进行综合评价;
- 邀请第三方检测机构对拟推广的高效照明节电技术进行现场测试,提供检测报告,对确定的技术主要参数和投入产出分析等进行验证;
- 召开专家论证会,对最终确定的高效照明节电技术最佳实践案例进行论证,并形成技术评审论证报告;
- 召开高效照明节电技术最佳实践案例推广会,对案例进行宣传推广;
- 跟踪高效照明节电技术最佳实践案例推广效果,并对推广情况进行分析;
- 将研究开发的综合评价方法以及至少 10 个高效照明节电技术最佳实践案例进行汇编,印制《高效照明节电技术的最佳实践典型案例》2000 册;
- 按要求提供项目实施计划书、项目任务分解表、时间进度表、预算分解表、自我监测计划,以及中英文的项目季度报告、年度报告、中(终)期报告;
- 完成国家实施机构交办的其他相关活动。

### 主要成果:

- 项目第一季度,提交现有高效照明节电技术现状调研报告,以及高效照明节电技术综合评价方法;
- 项目中期,提交项目中期报告,包括项目实施进展、以及至少 3 个高效照明节电技术最佳实践案例评审论证报告;
- 项目终期,提交项目终期报告,包括项目实施进展、以及至少 2 个高效照明节电技术最佳实践案例评审论证报告;

注:高效照明节电技术最佳实践案例评审论证报告应包括案例技术描述、案例技术综合评价分析、第三方检测报告、专家论证意见、推广会会议纪要等。

- 项目终期,提交高效照明节电技术最佳实践案例推广效果跟踪报告和节能量评估报告;

- 项目终期，编印《高效照明节电技术的最佳实践典型案例》2000册；
- 项目执行自我监测报告、配套资金报告以及中英文的项目季度报告、年度报告。

## **Attachment 5**

**Subcontract No.:** 09G02-1020  
**Subcontract Title:** Develop the Best Case Studies on Practice of High Efficient Lighting Technologies  
**Subcontract Duration:** 12 months  
**Subcontract Budget:** No more than US \$100,000

### **Objective:**

- Develop at least 5 best case studies on practice of the high efficient lighting technologies, and promote and apply these case studies in the lighting industry.

### **Qualifications:**

- Know well the lighting industry and the status of the high efficient lighting technologies;
- Experienced in developing the best case studies on practice of the high efficient lighting technologies;
- Demonstrable skills in managing and coordinating a large team of local (and potentially international) experts.

### **Main tasks:**

- Research the sorts of high efficient lighting technologies and their current application status;
- Formulate the comprehensive evaluation method of high efficient lighting technologies;
- Develop at least 5 best case studies on practice of high efficient lighting technologies and make the evaluation according to the formulated comprehensive evaluation method;
- Invite the independent third-party testing organizations to conduct the on-site tests of the defined best case studies to verify the major parameters and the input-output analysis;
- Hold experts workshops to expound and prove the 5 defined best case studies on practice, and compile the technical verification report;
- Hold the spreading meeting to promote the 5 best case studies on practice of high efficient lighting technologies;
- Track and analyze the promotion effect of the 5 best case studies on practice of high efficient lighting technologies;
- Compile and print at least 2000 volumes of “Best Case Studies on Practice of High Efficient Lighting Technologies”, including the comprehensive evaluation method of high efficient lighting technologies and at least 10 best case studies on practice;
- Provide project implementation plan, project task breakdown sheet, schedule, budget breakdown table, self-monitoring plan;
- Provide project quarterly report, annual report, interim report and final report both in Chinese and in English;

- Assisting National Implementing Agency with the completion of other related activities.

### **Main Outputs**

- By the 1<sup>st</sup> implementation quarter, complete the research report of the sorts of the high efficient lighting technologies and their current application status;
- By the 1<sup>st</sup> implementation quarter, complete the comprehensive evaluation method of high efficient lighting technologies;
- By the mid-term of the project, complete the interim report, including the project implementation progress and the verification reports of at least 3 best case studies of high efficient lighting technologies;
- By the final-term of the project, complete the final report and the verification reports of at least 2 best case studies of high efficient lighting technologies;  
NOTE: The verification report should include the technical description of the technologies, comprehensive evaluation and analysis of the technologies, the testing report provided by the independent third-party testing organization, experts' assessment, the record of the spread meeting, etc.
- By the final-term of the project, complete the tracking report of the promotion effect of the best case studies on practice;
- By the final-term of the project, complete the compilation and printing of 2000 volumes of “Best Case Studies on Practice of High Efficient Lighting Technologies”;
- The co-financing calculating report and energy conservation calculating report;
- Self-monitoring report of project implementation;
- Project quarterly report and annual report both in Chinese and in English.