



An IDACORP Company

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October 16, 2015

Water Enhancement Authority

Attn: Slade Connell

244 26<sup>th</sup> ¼ Road

Grand Junction, CO 81503

**RE: Delivery and Installation of Remote Cloud Seeder for South Grand Mesa**

Dear Slade,

On August 21, The Water Enhancement Authority (WEA) submitted an order to Idaho Power Company (IPC) for cloud seeding equipment. On September 1, 2015 IPC (as the Project Sub-Consultant) received a Scope of Work (SOW) for a Remote Cloud Seeder for the South Grand Mesa. The project goal was to have in operation by October 2015 a remotely controlled cloud seeder constructed by IPC, specifically an RCNG14.

The SOW is comprised of two tasks. The first task of the SOW requires manufacturing two RCNG14 units (one for the North Grand Mesa project, and one for the South Grand Mesa Project) and development of cloud based software to operate the RCNG14's. The two RCNG14 units were to be scheduled for delivery to the Project in mid-September. The second task of the SOW requires delivery, training, and setup of the RCNG14 units.

On September 14<sup>th</sup>, IPC employees delivered two RCNG14's to Grand Junction, CO with an IPC truck mounted crane, which was used for installation. On September 16<sup>th</sup>, IPC transported the 2<sup>nd</sup> RCNG14 to a site selected and secured by the WEA on the south side of the Grand Mesa, near Cedaredge, CO. Again with the assistance and participation of WEA staff and others, the RCNG14 was assembled. Following assembly, the WEA staff received instruction on operating the unit locally with an Android tablet loaded with a version of control software developed by IPC for local operations and testing. The RCNG14 was test fired and run through a number of operations for training and to assess machine performance. In addition, the RCNG14 was operated via a WEA laptop connected to the internet via a mobile phone Hot Spot with Niveum. This exercise allowed further testing and instruction of the Niveum software and RCNG14 function and operation. Figure 1 shows the IPC RCNG14 installed for the South Grand Mesa project.

Delivery and installation of the RCNG14 for the South Grand Mesa Project is complete. Throughout the '15-'16 season, IPC will provide support and assistance to the WEA as defined in the Terms and Conditions. The balance due for the South Grand Mesa Project RCNG14 is \$54,126.



Figure 1 - IPC RCNG14 installed for S Grand Mesa Project

Sincerely,

Shaun Parkinson

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\$ 54,126.00