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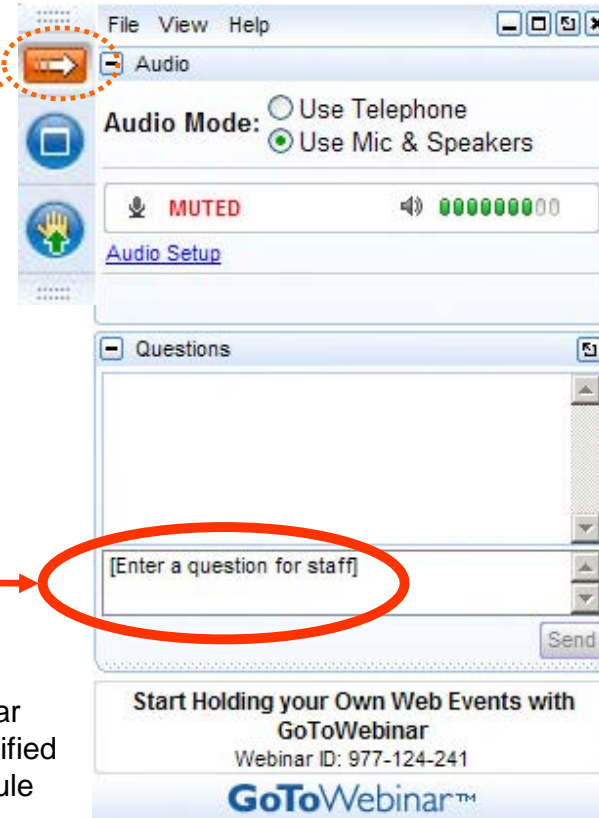


# Tips and Thoughts for Contract Engineering

# Your questions please?

(if you don't see the control panel, click on the orange arrow icon to expand it)

Please enter your questions in the text box of the webinar control panel (remember to press send)



Remember: The completion of a Nautel webinar qualifies for ½ SBE re-certification credit, identified under Category I of the Re-certification Schedule for SBE Certifications.



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# Ideas for things to cover

- Contract vs Staff
  - Benefits of each
  - How to decide...
- Tools
  - How do you carry your entire workshop in your vehicle?
- WAR STORIES!
- Insurance Coverage
  - What types?
  - How much is enough?
- Other items
  - Planning the day
  - Keeping a home life
  - General thoughts



# Contract & Consulting Engineer Directory

The [Contract & Consulting Engineer Listing](#) is comprised of SBE Members who offer contract and/or consulting engineering services. Include your business and services in the listing below.

## Advertise Your Contract or Consulting Business

To include your contract engineering business in the SBE online directory for one year, complete and return the [reservation form](#) (which is also used to renew a listing) with the advertising fee to [cscherer@sbe.org](mailto:cscherer@sbe.org); Make checks payable to SBE. Multi-year listing discounts are available. Mail to: Society of Broadcast Engineers, 9102 N. Meridian St., Suite 150, Indianapolis, IN 46260; or fax the reservation form to 317-846-9120 and include credit card payment information. Listings are only available to SBE members, so be sure your membership is up to date. For \$65, your listing appears under two states. You can add two additional states for \$50.

The reservation form is a fillable PDF that can be saved in Acrobat Reader. You may need to first save the file locally rather than completing it in a browser window for your data to be saved.

## Sample Contract

A sample contract, written by legal counsel with input from contract engineers, is available at no charge to members and covers most of the issues that concern contract engineers. To request a copy of the sample contract, contact the [SBE National Office](#).

Courtesy sbe.org: [http://www.sbe.org/cce/cce\\_v2.php](http://www.sbe.org/cce/cce_v2.php)



**AGREEMENT FOR  
BROADCAST ENGINEERING SERVICES**

This Agreement, made this \_\_\_\_ day of \_\_\_\_\_, 20\_\_, is by and between \_\_\_\_\_, (hereinafter referred to as "Station") and XYZ BROADCAST ENGINEERING (hereinafter referred to as "Engineer").

**Witnesseth:**

**That Whereas,** Engineer is a Broadcast Engineering Firm based in the State of \_\_\_\_\_, and which does business in \_\_\_\_\_; and

**Whereas,** Engineer is skilled in and is capable of providing certain engineering services of the type required routinely by Station, including the procurement and installation of audio and video equipment, and the making and conducting of inspections, tests, adjustments, repairs, maintenance and logging at and for radio and television broadcasting stations, and other communications facilities licensed by the Federal Communications Commission (FCC), and advising Station and the station's Chief Operator whether maintenance and operation of said equipment is in accordance with certain technical Rules and Regulations of the Federal Communications Commission and other local and state agencies; and

Courtesy of the Society of Broadcast Engineers





# Insurance – how much and what type?

**4.1 Insurance Coverage.** Engineer shall maintain, at all times during this Agreement, and at all times during the performance of the duties hereunder, liability insurance, with coverage amounts sufficient to Engineer, covering Engineer, its agents, employees and principals. The policy shall be kept in force, and evidence of the insurance shall be furnished to Station at the commencement of the term of this Agreement, and periodically thereafter if requested by Station.

**4.2 Risk of Loss And Obligation To Pay Agents of Engineer.** Engineer shall bear any risk of loss, death or injury to its employees, agents, save for that caused by any undisclosed hazards at Station that are known to Station, which result in injury or harm to Engineer, or Engineer's agents, employees or subcontractors.

**5. Tools and Equipment.** Engineer shall supply tools and testing equipment required for normal and customary testing and maintenance.

**6. Purchasing Power Restriction.** Engineer shall not order, purchase or charge anything to, for, or in the name of Station without the express authority of Station except as otherwise specifically provided herein, or in any written amendment to this Agreement.

Courtesy of the Society of Broadcast Engineers



# Tools – how do you prepare for everything?



Safety first – do a visual safety check every time you walk through the door.

Look for:

- trip/fall hazards

- open panels

- questionable practices





Expect the unexpected.  
Especially when you  
don't get to go to the  
site on a regular basis,  
you never know what  
you'll find!

Photo credit to Brett Erieg





This was found during a studio rebuild – it was powering every piece of equipment in the studio, and all goes back to one single plug.

Photo credit to Andy Low





# Online Information



## **Webinars**

<https://www.nautel.com/resources/webinars/>



## **Nautel Waves Newsletter**

<https://www.nautel.com/newsletters/>



## **YouTube**

<http://www.youtube.com/user/NautelLtd>



## **Online Info, such as the Broadcasters' Desktop Resource**

<https://www.thebdr.net/>





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# THANK YOU!

