



Essential information for preparation of an offer for CINK Hydro - Energy CONTROL SYSTEM

Project name:

(for our internal administration it is necessary to have an identifying name which we are going to use during our communication)

Location (river, city, country etc.):

Contact Person:

Company:

E-mail:

Phone/Mobile:

Power production:

(to utility grid/stand-alone/combined)

Turbine regulation:

(hydraulic/electric/manual)

Generator type:

(synchronous/asynchronous)

Generator rpm:

AVR exact type:

(automatic voltage regulator)

Main inlet valve (yes/no):

Gearbox (yes/no):

Main inlet valve actuation:

(hydraulic/electric/manual)

Turbine type:

(Crossflow/Pelton/Kaplan/Francis)

Number of units:

(number of turbine/generator sets)

Generator characteristics:

(voltage, frequency, power factor, cooling)

Generator output (kVA):

Earthing system:

(for example: TT, IT, TN-S, TN-C, TN-C-S)

By-pass valve (yes/no):

Trash rack cleaner (yes/no):

Nr. of turbine temperature sensors:

Nr. of turbine rotation sensors:

Nr. of turbine vibration sensors:

Nr. of gearbox temperature sensors:

Nr. of gearbox vibration sensors:

Nr. of generator temperature sensors:

Nr. of generator rotation sensors:

Nr. of generator vibration sensors:

Nr. of water level sensors:

Other sensors:

(please, state type/s and number (amount) of other sensors)

Most common voltage (V) and current range (mA) of the sensors:

(for example: 24 V DC and 4 – 20 mA)

Generator heating (yes/no): Hydraulic unit heating (yes/no): Gearbox heating (yes/no):

Notes or additional information:

Date:

