



24 September 2009

Mr. Dallas Vincent
Regional Sales Manager
Pro-Energy Services
616 FM 1960 west, suite 750
Houston, Texas, 77090

**Subject: Cooling Water Systems upgrade-4XGE Fram5P.
AQESA RFQ# 09-09-02GE**

Dear Dallas,

AQESA, (Al-Quraishi Electrical Services of Saudi Arabia), is a Saudi company that is highly experienced in the installation, repair, and refurbishment of power generation turbine equipment, and we are proud to work to support the power industry in the Kingdom.

AQESA is pleased to submit this RFQ to pro-Energy services, seeking a quote for the design, equipment supply, supervision, engineering and technical support for the installation and commissioning of the new Fin-Fan water cooling systems for 4XGE GT-MS-5001P gas turbines.

SCOPE OF WORK:

- The design of the new cooling water skids for each or the GE Fram5P turbines, that includes:
 - Cooling water skid with air fin-fan cooling system.
 - Dual water circulating pump system in the skid.
 - Vibration detectors for each fan.
 - Electrical power in accordance with ASME, 480V 3 phase.
 - Pressure switch for the main discharge line.
 - Pressure gauge for the main discharge line.
 - Cooling system calculated for 50 deg. C.
 - Load power breakers calculation for the cooling fans and the circulating pumps.
 - Power breakers calculations and specs for the skid instrumentations.
- Design for the civil works for the installation of the cooling water skid.
- Corrosion inhibitor fluid specifications.
- Supply of the variable temperature regulator valves for the lube oil and atomizing air pre-coolers.
- On a MK-5 <I> DOS control system, the addition of a lead-lag sequence for the cooling water pumps.
- Addition of a cooling water screen interface on the MK-5 <I> with a lead-lag selection.
- Supply of the complete cooling water skid assembly for each unit, total 4.
- Provide a mechanical and MK-5 controls engineers, one of each.
- AQESA will execute the civil, mechanical and electrical works on site.
- AQESA will supply the breakers and electrical components external to the skid.

TERMS AND CONDITIONS:

- Proposal due on or before October 15th, 2009

WARRANTY:

- One year on all materials supplied and workmanship.

Should you have any questions, technical or commercial, please contact Mr. Antoine Beyrouthy, General Manager, AQESA Power Generation Services.

Very Truly Yours

Antoine Beyrouthy LLL.

Antoine Beyrouthy
General Manager, Power generation Division
AQESA Electric

C. R. 2050056550

Ali Zaid Al-Quraishi & Partners Electrical Services of S. A.
Limited Liability Co. SR. 1,500,000

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Br. : Dammam 31462 - P. O. Box 7386 - Tel.: 857 2537 - Fax: 857 2541
Riyadh 11551 - P. O. Box 42780 - Tel.: 474 7300 - Fax: 478 7811
Jubail: 31961 - P. O. Box 10112 - Tel.: 341 6416 - Fax: 341 6418
Jeddah 21441 - P. O. Box 1796 - Tel.: 667 9195 - Fax: 667 9188
Yanbu Industrial City - P. O. Box 30091 - Tel.: 391 9412 - Fax: 391 9411



س. ت. ٢٠٥٠٠٥٦٥٥٠
شركة علي زيد القرشي وشركاه للخدمات الكهربائية العربية السعودية
شركة ذات مسئولية محدودة - رأس المال ١,٥٠٠,٠٠٠ مليون ريال سعودي
المكتب الرئيسي: الدمام ٣١٤٦٢ - ص. ب. ٧٣٨٦ - تلفون: ٨٣٥ ١١٥٥ - فاكس: ٨٣٥ ٢٢٩٧
الفرع: الدمام ٣١٤٦٢ - ص. ب. ٧٣٨٦ - تلفون: ٨٥٧ ٢٥٣٧ - فاكس: ٨٥٧ ٢٥٤١
الرياض ١١٥٥١ - ص. ب. ٤٢٧٨٠ - تلفون: ٤٧٤ ٧٣٠٠ - فاكس: ٤٧٨ ٧٨١١
الجبيل ٣١٩٦١ - ص. ب. ١٠١١٢ - تلفون: ٣٤١ ٦٤١٦ - فاكس: ٣٤١ ٦٤١٨
جدة ٢١٤٤١ - ص. ب. ١٧٩٦ - تلفون: ٦٦٧ ٩١٩٥ - فاكس: ٦٦٧ ٩١٨٨
بنبع المنطقة الصناعية - ص. ب. ٣٠٠٩١ - تلفون: ٣٩١ ٩٤١٢ - فاكس: ٣٩١ ٩٤١١