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| ► Bidder Company Name: _____ | |
| ► Florida State Certification Class A HVAC Contractor's license: _____ | |
| 1.1.1 Provide engineering services for mechanical, electrical and structural engineering. | * Included in below Bid Price |
| 1.1.2 Demo the existing 770 Ton Chiller and associated cooling tower. | * Included in below Bid Price |
| 1.1.3 Construct new condenser water distribution headers. | * Included in below Bid Price |
| 1.1.4 Provide four (4) new condenser water pumps and associated mechanical accessories. | * Included in below Bid Price |
| ► <u>WARRANTY INFORMATION</u> | Documentation Page: _____ |
| 1.1.5 Provide two (2) new 500-Ton Chillers (McQuay Magnetic Bearing Chiller, or <u>equivalent</u> as determined by HCSO) with a standard manufacturer's warranty. | * Included in below Bid Price |
| ► <u>WARRANTY INFORMATION</u> | Documentation Page: _____ |
| ► <u>CHILLER SPECIFICATIONS:</u> · <i>Tonnage and Efficiency: The new chiller must meet or exceed the specified 770-ton capacity and efficiency ratings (e.g., kW/ton or IPLV/NPLV).</i> · <i>Refrigerant Type: The type of refrigerant to be used will be specified, typically an environmentally friendly, non-ozone-depleting refrigerant.</i> · <i>Short-Circuit Current Rating (SCCR): For safety and code compliance, a high SCCR is desired, such as 65kA.</i> · <i>Noise Levels: The ITB does not have requirements for maximum operating noise levels, although the facility is near residential areas or sensitive buildings.</i> · <i>Physical Dimensions and Weight: The dimensions and weight of the new chiller must be capable of being made compatible with the existing equipment pad and access points.</i> | Documentation Page: _____ |
| 1.1.6 Provide chilled water piping modifications as required for new chiller installations. | * Included in below Bid Price |
| 1.1.7 Provide two new chilled water pumps and modify existing chilled water pump package as required. | * Included in below Bid Price |
| 1.1.8 Provide a new dual cell cooling tower (manufactured by EVAPCO or <u>equivalent</u> as determined by HCSO). | * Included in below Bid Price |
| ► <u>WARRANTY INFORMATION</u> | Documentation Page: _____ |
| 1.1.9 Provide new VFD for pumps and cooling tower. | * Included in below Bid Price |
| ► <u>WARRANTY INFORMATION</u> | Documentation Page: _____ |
| 1.1.10 Provide electrical modifications as required. | * Included in below Bid Price |
| 1.1.11 Provide insulation repairs as required. | * Included in below Bid Price |
| 1.1.12 Modify steel structure for cooling tower support as required. | * Included in below Bid Price |
| 1.1.13 Modify water treatment system. | * Included in below Bid Price |
| 1.1.14 Provide new isolation valves and automated valves for plant automation. | * Included in below Bid Price |
| 1.1.15 Provide new plant control system. | * Included in below Bid Price |
| 1.1.1 Ancillary Equipment: The bid package will also include requirements for all related equipment. | * Included in below Bid Price |
| ► 1.1.2 Service Agreements: HCSO may consider a long-term service or maintenance agreement included with the Bid Package to become effective upon initial warranty expiration. (OPTIONAL) | Documentation Page: _____ |
| 1.1.3 Project Execution and Documentation | * Included in below Bid Price |
| ► · <i>Project Schedule: The bidder must provide a detailed project schedule, outlining key milestones, including equipment procurement, demolition, installation, commissioning, and a final acceptance date.</i> | Documentation Page: _____ |
| ► · <i>Safety Plan: A comprehensive safety plan is required, especially for a project of this size. It must comply with all OSHA, state, and local safety regulations.</i> | Documentation Page: _____ |
| ► · <i>Commissioning Plan: A detailed plan for commissioning the new chiller to ensure it operates correctly and efficiently. This plan will likely include factory-trained technician certifications and a series of performance tests.</i> | Documentation Page: _____ |
| ► _____ | : BID PRICE |