

Bid No. 10-056 General Market Bus Shelters Project Description

This procurement is for the fabrication and delivery of 100 to 150 general market bus shelters, benches, solar power, lighting and related appurtenances as a turnkey system to the Regional Transportation Commission of Southern Nevada (RTC) with options for up to 400 additional general market bus shelters in lots of 50 each for a 24-month period commencing July 1, 2010. The delivery of the base order of 100 units shall be a minimum of ten (10) shelters per week beginning twelve (12) weeks from receipt of written design approval from the local jurisdictions (Notice to Proceed or Notice to Proceed with Production).

The design and configuration of the bus shelters should reflect the Type 'A' transit shelter, bench, solar power, lighting and related appurtenances as depicted in the Bus Shelter Prototype design drawings from the original bid document and revised sheets A-2, A-3 (Lot I), A-3 ALT (Lot II), A-6 and A-7 that are incorporated herein. Note that the Type 'B' and Type 'C' shelter configurations previously depicted on sheets A-4 and A-5 in Exhibit B of the original bid document are removed from this bid. A steel frame and sheetmetal roof configuration is presented in sheet 'A-3 ALT' (Lot II) for alternate bid pricing. Bidders shall only provide prices for the Type 'A' configuration according to the two alternate material specifications noted on the enclosed drawings.

The successful bidder shall supply shelters with the ad kiosk located on either the upstream or downstream end using a true mirrored image configuration in quantities as specified by the RTC. The successful bidder may propose an alternate roof design to allow for a common roof structure with either configuration. The successful bidder shall be required to submit revised design drawings and related engineering calculations to the RTC and area municipalities and obtain their approval of the design. The RTC will specify at bid award (base), and notice to proceed of option work, the number of each shelter configuration to be delivered as part of the order.

The shelters and furnishings must be delivered to the RTC either fully assembled or partially assembled with no more than five subcomponents for on-site assembly by RTC personnel and/or its vendor(s). Batteries may be shipped in separate containers. The successful bidder shall also be responsible for providing detailed product assembly and installation instructions, including typical job site safety recommendations for use by the RTC's personnel and vendor(s) that are installing the shelters. The RTC shall be responsible for all specific stop-related site work and civil improvements, including installation of concrete bus shelter pads in accordance with the structural engineering requirements and those of the governing municipalities.

The level of design to be supplied by the RTC to the successful bidder is limited to what is shown on the Bus Shelter Prototype drawings and associated technical reports. Preparation of shop drawings shall be the responsibility of the successful bidder and will be reviewed by the RTC and its architectural and engineering consultants to verify consistency with the design intent.

The design for the Type 'A' shelter shown on Sheet A-3 (Lot I) with an aluminum frame and fiberglass roof configuration has been reviewed and approved by the cities of Henderson, Las

Vegas and North Las Vegas. If the alternate steel frame and sheetmetal roof configuration is selected (A-3 ALT, Lot II) or the successful bidder proposes any changes to the design, then the successful bidder shall prepare and submit design drawings and other requisite materials to the area entities, including Clark County, for review and approval. The final approval of the bus shelter design by the noted area municipalities is also contingent upon the delivery by the successful bidder of the final design for the roof structure that conforms to code requirements.

Note that the conceptual roof design has been modified to facilitate simpler fabrication as shown in the revised sheets A-3 (Lot I) and A-3 ALT (Lot II). The final design of the roof structure has been left to the discretion potential bidders in an effort to provide flexibility in the structural design and specification of components to be located within the roof structure itself. However, the roof must be consistent in appearance with the curvilinear design reflected on the revised Bus Shelter Prototype design drawings. The design of the roof structure and frame connections should also provide for the temporary connection of eye lifts through the roof into the support structure below to allow for lifting of the complete structure from the top. The design shall also provide for removal of the eye lifts once the shelter is in place and closure of the roof.

The successful bidder shall submit a draft of the proposed deferred submittal design of the roof structure to the RTC within thirty (30) calendar days from the date of the Notice of Award. The RTC shall respond with comments or approval within fifteen (15) calendar days. Upon RTC approval, the successful bidder shall submit the design to the area municipalities directly in order to get final design approval. The successful bidder shall keep the RTC apprised of the status of the approvals by each entity. A "Notice to Proceed" or "Notice to Proceed with Production" (reference SC.2 a) will be issued by the RTC once the Bidder is provided and submits to the RTC written verification of final design approval by the municipalities.