

**ITEMIZED PROPOSAL**  
**REV 01.30.18**

TO: American Samoa Power Authority,

Attn: Procurement Manager

ADDRESS: PO Box PPB, Pago Pago, American Samoa 96799

PROJECT: TRAMWAY TANK REHABILITATION PROJECT PHASE II- RE BID

RFP#: \_\_\_\_\_

BIDDER: \_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

DATE: \_\_\_\_\_

**BASEBID:**

ITEM DESCRIPTION	EST.QTY	PRICE PER UNIT	TOTAL PRICE
<b>A. GENERAL</b>			
<b>A.1 Bond (1% Max)</b>	LS	\$	\$
<b>A.2 Mobilization (2.5% Max)</b>	LS	\$	\$
<b>B. CONSTRUCTION</b>			
<b>B.1 Erosion Control (BMP)</b>	LS	\$	\$

Above prices shall include all supervision, material, and labor, equipment for complete installation of erosion control (BMP) as specified in RFP documents and as shown in the drawings.

<b>B.2</b> Install PVC-O AWWA C909-09			
<b>B.2.1</b> - 6"PVCO DR-18 Class 150	380LF	\$	\$
<b>B.2.2</b> - 8" PVCO DR-18 Class 150	350LF	\$	\$

Above prices shall include all supervision, material, and labor, equipment for complete installation of waterline as specified and shown in the drawings.

<b>B.3</b> Install Air Relief Valves	1EA	\$	\$

Above prices shall include all supervision, material, labor, equipment for complete installation Air Relief Valves as specified and shown in the drawings.

<b>B.4</b> Install Pressure Relief Valves	2EA	\$	\$

Above prices shall include all supervision, material, labor, equipment, backfill, compaction and testing and concreting for the complete installation, including connection to the new 6" PVC mainline as specified and shown in the drawings.

<b>B.5</b> Flow Meters (Upper & Lower Tank)			
8"Ø Flow meter	2EA	\$	\$
6"Ø Flow meter	2EA	\$	\$

Above prices shall include all supervision, material, labor, and equipment complete installation of Flow Meters as specified and shown in the drawings as specified RFP documents

<b>B.6</b> Inter-Connection Works	7EA	\$	\$

Above prices shall include all supervision, material, labor, equipment, and backfill, potholing for complete Inter-Connection Works as specified RFP documents and as shown in the drawings.

<b>B.7 Pipeline Flushing &amp; Hydro-Testing for 8" &amp; 6" Waterline</b>	LS	\$	\$
Above price shall include all supervision, material, labor, equipment, and services required for complete Pipeline Flushing & Hydro- Testing hydro testing as defined RFP documents. Water needed for flushing and testing is contractor's responsibility.			
<b>B.8 Pipeline Disinfection for 8"&amp;6" Waterline</b>	LS	\$	\$
Above price shall include all supervision, material, labor, equipment, and services required for complete waterline disinfection defined and shown in RFP Documents. Water needed for disinfection is contractor's responsibility. Proper disposal chlorinated test water is responsibility of the contractor. Note: Existing waterline must be included in flushing and disinfection.			
<b>B.9 UPPER TRAMWAY TANK</b>			
<b>B.9.1 Site Geotechnical Investigation</b>	LS		
Above price shall include supervision, labor, equipment, and other services required for complete Geotechnical Investigation of tank site work as specified in RFP Documents. Geotechnical investigation report must be submitted to ASPA and certified by US Certified PE engineer.			
<b>B.9.2 Earthworks</b>	LS	\$	\$
Above price shall include labor, equipment, and other services required for site work as specified in RFP Documents.			
<b>B.9.3 Furnish and Install Bolted Glass Fused to Steel Potable Water Tank (ANSI/AWWA D103) Dia. 30' Height 40'; Nominal Capacity 200,000</b>	LS	\$	\$

Above price shall include material, labor, equipment, and other services required for complete installation of Glass-Coated, Bolted-Steel, all related tank components including cathodic protection, and commissioning as specified in RFP Documents. Design of tank is responsibility of contractor's tank supplier. Design of tank must be US PE certified and approved by ASPA.			
<b>B.9.4 Concrete Foundation</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for complete construction of New Tank Foundation as specified in RFP Documents. Foundation design is responsibility of Contractor. Foundation design must be certified by US P.E. and approved by ASPA.			
<b>B.9.5 Tank Piping Work</b>	LS	\$	\$
Above price shall include material, labor, equipment required for complete installation of tank piping work as specified in RFP Documents. Work shall include Installation of: a) waterline above ground and underground, b) gate valves, c) Pipe fittings, d) Pipe supports, e) Concrete thrust blocks, f) Leakage testing, g) Pipe disinfection as shown in RFP Documents.			
<b>B.9.6 Chain link Fence &amp; Gates</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for complete installation of Security Fence and Gate as shown in RFP Documents.			
<b>B.9.7 Tank Leak Testing &amp; Disinfection</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for the complete Tank Leak Testing & Disinfection installation as shown in RFP Documents.			
<b>B.9.9 Tank Altitude Valve</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for the complete installation of Altitude Valve as shown in RFP Documents.			

<b>B.9.9 Tank Overflow System</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for the complete installation of tank overflow system as shown in RFP Documents.			
<b>B.10 TRAMWAY LOWER TANK</b>			
<b>B.10.1 Chain link Fence &amp; Gates Repair</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for the complete installation and demolition of security fence and gate as shown in RFP Documents			
<b>B.10.2 Altitude Valve</b>	1EA	\$	\$
Above price shall include material, equipment, and other services required for complete installation of Altitude Valve as shown in RFP Documents			
<b>B.11 Restoration of Damaged Structures</b>	LS	\$	\$
Above price shall material, labor, equipment, and other services required for complete restoration of damaged structures that may arise during construction.			
<b>B.12 Gabion Wall</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for complete construction of Gabion Retaining Wall as shown in RFP Documents			
<b>B.13 Soak Pit and Catch Basin</b>	LS	\$	\$

Above price shall include material, labor, equipment, and other services required for complete construction of Soak Pit and Catch Basin as shown in RFP Documents			
<b>B.14 Concrete Swale Extension</b>	100LF	\$	\$
Above price shall include material, labor, equipment, and other services required for the complete construction of Concrete Swale Extension as shown in RFP Documents			
<b>B.15 Road Curb (Sami-side of Existing Concrete Service Road)</b>	530LF	\$	\$
Above price shall include material, labor, equipment, and other services required for the complete construction of Road Curb as shown in RFP Documents			
<b>B.16 Existing waterline (12" DI pipe) concrete anchor repair</b>	LS	\$	\$
Above price shall include material, labor, equipment, and other services required for the complete inspection and construction/strengthen existing concrete pipe collar			
<b>C. Booster Station #1</b>			
<b>C.1. Booster Station Building Structures</b>			
Above price shall include all supervision, tools, labor, material, and equipment for the complete construction of Booster Station Building Structures as shown in the drawings and RFP Documents			
<b>C. 2 Pumps and Motors</b>	LS	\$	\$
Above price shall include all supervision, tools, labor and equipment for the complete installation of ASPA furnished Vertical In Line (VIL) booster pumps and motors assembly, concrete pump supports, complete with appurtenant works as shown in the drawings and RFP Documents			
<b>C.3 Suction and Discharge Piping,</b>	LS	\$	\$

Valves and Fittings	LS	\$	\$
Above price shall include all supervision, tools, labor and equipment for the complete installation of ASPA furnished ductile iron suction and discharge piping common headers, valves, ductile iron fittings, pipe supports complete with appurtenant works as shown in the drawings and RFP Documents			
<b>C.4 Variable Frequency Drive Control Unit</b>	LS	\$	\$
Above price shall include all supervision, tools, labor and equipment for the complete installation of ASPA furnished Variable Frequency Drive (VFD) motor controls and Main Control Panel (MCP), complete with appurtenant works as shown in drawings and RFP Documents			
<b>C.5 Electrical Equipment</b>	LS	\$	\$
Above price shall include all materials, supervision, tools, labor and equipment for the complete installation of Contractor's furnished feeder wires conduit and wirings (from power post to Main Control Panel (MCP), lighting panel (LP), electrical conduits, electrical wirings, wireways, lighting fixtures, switches, C.O. complete with appurtenant works as shown in the drawings and RFP Documents			
<b>D. Booster Station Building Structures #2</b>			
<b>D.1. Booster Station Building Structures</b>			
Above price shall include all supervision, tools, labor, material, and equipment for the complete construction of Booster Station Building Structures as shown in the drawings and RFP Documents			
<b>D. 2 Pumps and Motors</b>	LS	\$	\$
Above price shall include all supervision, tools, labor and equipment for the complete installation of ASPA furnished Vertical In Line (VIL) booster pumps and motors assembly, concrete pump supports, complete with appurtenant works as shown in the drawings and RFP Documents			

<b>D.3</b> Suction and Discharge Piping, Valves and Fittings	LS	\$	\$
Above price shall include all supervision, tools, labor and equipment for the complete installation of ASPA furnished ductile iron suction and discharge piping common headers, valves, ductile iron fittings, pipe supports complete with appurtenant works as shown in the drawings and RFP Documents			
<b>D.4</b> Variable Frequency Drive Control Unit	LS	\$	\$
Above price shall include all supervision, tools, labor and equipment for the complete installation of ASPA furnished Variable Frequency Drive (VFD) motor controls and Main Control Panel (MCP), complete with appurtenant works as shown in drawings and RFP Documents			
<b>D.5</b> Electrical Equipment	LS	\$	\$
Above price shall include all materials, supervision, tools, labor and equipment for the complete installation of Contractor's furnished feeder wires conduit and wirings (from power post to Main Control Panel (MCP), lighting panel (LP), electrical conduits, electrical wirings, wireways, lighting fixtures, switches, C.O. complete with appurtenant works as shown in the drawings and RFP Documents			
<b>Total: Base Bid:</b>			\$

**ADDITIVE BID:**

ITEM DESCRIPTION	EST.QTY	PRICE PER UNIT	TOTAL PRICE
<b>A.B. 1</b> Upper Tank Retaining Wall	LS	\$	\$



Above price shall include material, labor, equipment, and other services required for the complete construction of Retaining Wall if required by Geotechnical Report.

<b>Total: Additive Bid:</b>	\$
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Name of the Company

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Authorized Signature

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Date: