



AMERICAN SAMOA  
POWER AUTHORITY

**REQUEST FOR PROPOSALS**

June 27, 2017

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**SUPPLY AND DELIVERY  
OF  
TRANSMISSION & DISTRIBUTION (T&D) INVENTORY MATERIALS**

**RFP No. ASPA17.036.WHS-TD**

Issuance Date: June 27, 2017  
Closing Date/Time: July 18, 2017 at 2:00 pm  
Proposal Delivery Location: Procurement Office  
Tafuna Power Plant Compound

**APPROVED FOR ISSUANCE: UTU ABE MALAE  
ASPA Executive Director**

## NOTICE TO OFFERORS

ISSUANCE DATE: June 27, 2017

RFP NO. **RFP No. ASPA17.036.WHS-TD T&D INVENTORY MATERIALS**

CLOSING DATE/TIME: July 18, 2017 at 2:00 pm American Samoa time

**The American Samoa Power Authority (ASPA) invites proposals for the Supply and Delivery of Transmission and Distribution (T&D) INVENTORY MATERIALS.**

**Scope of Purchase:** The complete description of required deliverables is listed in the attached Scope of Purchase Proposal Form

**Documents:**

This RFP may be viewed online on ASPA Website [www.aspower.com](http://www.aspower.com). Offerors may also pick up a complete package at:

ASPA Procurement Office  
Tafuna Power Plant Compound  
Tafuna, American Samoa 96799

For more information about this RFP, you may contact ASPA:

Ioana S. Uli  
Procurement Manager  
ASPA Procurement Office  
tel. (684) 248-1234  
[bids@aspower.com](mailto:bids@aspower.com)

**The American Samoa Power Authority reserves the right to:**

1. Reject all proposals and reissue a new or amended RFP;
  2. Request additional information from any Offeror submitting a bid;
  3. Negotiate a Contract with the firm selected for award; and
  4. Waive any non-material violations of rules set up in this RFP at its sole discretion.
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**Approved for Issuance: Utu Abe Malae, Executive Director**

## PROPOSAL INVITATION

AMERICAN SAMOA POWER AUTHORITY:  
PROCUREMENT OFFICE  
PO BOX PPB  
PAGO PAGO, AS 96799  
(684) 248-1250

ISSUANCE DATE: JUNE 27, 2017

BID INVITATION NO: **RFP NO. ASPA17.036.WHS-TD T&D INVENTORY MATERIALS**

This Request for Proposal shall require an original, one PDF electronic copy, and five hard copies to be submitted in a sealed envelope, box, or other enclosure addressed to Ioana S. Uli, ASPA Procurement, P.O. Box PPB, Pago Pago, AS 96799. All submittals must be received at ASPA Materials Management Office - Procurement no later than [July 18, 2017 at 2:00 pm American Samoa time](#).

The envelope or box must be labeled:

### **RFP NO. ASPA17.036.WHSE.TD T&D INVENTORY MATERIALS**

**Proposals must be in the actual possession of the Procurement Office at the location indicated, on or prior to the exact date and time indicated above.**

A copy of this solicitation and any addenda may be obtained from our Internet Website at: <http://www.aspower.com> by selecting the Procurement link and the associated solicitation number.

Late submittals will not be opened or considered and will be determined as non-responsive. The prevailing clock shall be ASPA Procurement clock. All Offerors shall provide sufficient written and verifiable information that responds to the requirements set forth herein, the Contract Documents, and in the Scope of Purchase OR Material Specifications.

Offerors may submit their proposals through the following mean:

Electronic File Transfer – The Offeror may submit the Proposal using the electronic mail facility. This will enable the Offerors to upload Bid file by email attachment. The Proposals must be uploaded before 2:00 PM on **July 18, 2017**, American Samoa Time.

### **NOTICE TO OFFERORS:**

This bid is subject to the attached General Terms and Conditions of the Request for Proposals quotations for the:

### **RFP No. ASPA17.036.WHS-TD T&D INVENTORY MATERIALS**

The undersigned offers and agrees to furnish within the time specified, the articles and services at the price stated opposite the respective terms listed on the schedule provided, unless otherwise specified by an Offeror. In consideration of the expense of the American Samoa Power Authority in opening, tabulating, and evaluating this and other proposals, and other considerations such as the schedule, the undersigned agrees that this bid shall remain firm and irrevocable for One Hundred Twenty Day (120) calendar days from the listed bid opening date or until a construction services agreement may be jointly enacted between ASPA and the undersigned party.

It is the responsibility of each Offeror before submitting a bid to (a) examine the documents contained in the bid package thoroughly; (b) visit the site or to otherwise become familiar with local conditions that may in any manner affect cost, progress, or performance of the work; (c) become familiar with federal, territorial, and local laws and ordinances, rules and regulations that may in any manner affect cost, progress, or performance of the work; (d) study and carefully correlate Offeror's observations with the bid package documents; and (d) notify ASPA of all conflicts, errors, or discrepancies in the bid package documents.

Soliciting or accepting any gift, gratuity, favor, entertainment, kickback or any items of monetary value from any person who has or is seeking to do business with ASPA is prohibited. Any vendor knowing of this type of activity is encouraged to report in confidence to ASPA's legal department so the matter can be dealt with.

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

**AMERICAN SAMOA POWER AUTHORITY**

**SPECIAL NOTICE TO PROSPECTIVE OFFERORS**

Offerors are reminded to read the Sealed Bid Solicitation Instructions and General Terms and Conditions attached to a Proposal Invitation to ascertain that all of the following requirements (see check boxes) of the bid are submitted in the bid envelope at the date and time for bid opening.

- [x]           **1.     BID FORMS**  
Attachment A: Offeror’s Transmittal Form  
Attachment B: Offeror’s Proposal Form  
Attachment C: Offeror’s Qualifications Sheet  
Attachment D: Disclosure Statements  
Attachment E: Non-Collusion Affidavit of Prime Offeror  
Attachment F: Scope of Purchase Proposal Form

- [x]           **2.     BUSINESS LICENSE**  
  
Offerors must submit current business AND current contractor’s license as stated below (see General Terms and Condition for more information).

- [x]           **3.     BID**  
  
The proposal must include all of the following to be deemed responsive:
- a. The Offeror’s bid price for the supply and delivery of all materials listed in the Offeror’s Transmittal form.
  - b. All items as listed above in #1 from Attachments A to F.

**This Notice must be signed and returned in the Bid envelope. Failure to comply with requirements will mean disqualification and rejection of the bid.**

I, \_\_\_\_\_, authorized representative of \_\_\_\_\_,  
acknowledged receipt of this special reminder to prospective Offerors together with Bid Invitation  
Number #: **RFP No. ASPA17.036.WHS.TD T&D INVENTORY MATERIALS** this date of  
\_\_\_\_\_, 2017.

\_\_\_\_\_  
Offeror’s Representative's Signature

## **TERMS AND CONDITIONS OF THE INVITATION FOR PROPOSALS (SUPPLY CONTRACTS)**

### **BID PREPARATION INSTRUCTION**

The bid must contain two (2) parts. Offerors shall prepare their proposals in detail accordingly.

1. Prior Related Experience/Past Performance – A description of the firm’s related experience, background, past performance and credentials as stated on the Offeror Qualification Sheet, Attachment D, which is incorporated herein as if fully set forth. This part includes a dossier of personnel qualifications. Offeror should provide references (4 or more) and a project history that verifies a minimum of three (3) years of specific or related experience. Offeror must hold appropriate and current business license(s) and contractor’s license(s) for these services.
2. Contract Price – The contractor’s bid price for all services and materials, including a breakdown of project costs (e.g. estimated costs for materials, cost for labor, shipping, etc.) must be provided on the Bid Form, Attachment C.

All blank spaces in the bid form must be completed in ink. Prices quoted shall be in United States dollars in both words and figures where required. No changes shall be made in the phraseology of the forms. Written amounts shall govern in cases of discrepancy between the amounts stated in writing and the amounts stated in figures. In case of discrepancy between unit prices and totals, unit prices will prevail. Any bid shall be deemed informal which contains omissions, erasure, alterations or additions of any kind, or prices uncalled for, or in which any of the prices are obviously unbalanced, or which in any manner shall fail to conform to the conditions of the Notice to Offerors. The Offeror shall sign the bid in the space provided. If the Offeror is a corporation, the legal name of the corporation shall be set forth above, together with the signature of the officer or officers authorized to sign Contracts on behalf of the corporation. The typewritten name shall be inserted with each signature. If the Offeror is a partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign Contracts on behalf of the partnership. If signature is by an agent, other than an officer of a corporation or a member of a partnership, a notarized power-of-attorney must be on file with ASPA prior to opening of proposals or submitted with the bid, otherwise the bid will be regarded as not properly authorized.

Offerors are expected to examine the specifications, invitations, and all instructions. Failure to do so will be at the Offeror’s risk.

Proposals must be in ink or printed on the bid form(s) furnished herewith. Proposals submitted in partial will be rejected. Proposals containing alterations will be rejected unless the alterations are crossed out and corrections thereof printed in ink or typewritten adjacent thereto and initialed by the person signing the bid. In addition, a statement must be furnished with the bid signed by the Offeror explaining the correction of the alteration or erasure.

If the Offeror is a partnership, a letter of authorization shall be furnished and signed by all of the general partners. If the Offeror is a proprietor, and the person signing the bid is other than the owner, a letter of authorization signed by the owner shall be furnished.

The Offeror must sign his bid correctly and in ink. If the proposals is offered by an individual or partnership, his name, office and post addresses must be shown. If offered by a corporation, the person signing the proposals must give his name, title and business address. Anyone signing a proposals as agent must file legal evidence of his authority to do so, and that the signature is binding upon the firm or corporation.

Alternate proposals will not be considered unless authorized by the invitation. Alternate proposals are those offered which do not meet the specification and are not considered approved equal to the item specified.

When not otherwise specified, the Offeror must state a definite time of proposed delivery. Time, if stated as a number of days will include Sundays and holidays.

### **Submission of Proposals:**

All interested parties must submit an original or PDF electronic copy, and five hard copies to be submitted in a sealed envelope, subject to the Terms and Conditions of the Request for Proposals and General Conditions, which are incorporated herein by reference, and such other provisions and specifications are attached or incorporated by reference. Each section proposed must be complete. Partial offerings on a section will be considered non-responsive.

Proposals shall be submitted to ASPA Procurement Office no later than July 18, 2017 at 2:00 pm American Samoa Time.

### **Rejection of Proposals**

ASPA may, after opening but prior to award and within the time specified for acceptance, reject any or all proposals, or the bid for any one or more commodities or contracted services included in the proposed contract, when the public interest will be served thereby.

### **ATTACHMENTS**

- Attachment A: Offeror's Transmittal Form
- Attachment B: Offeror's Proposal Form
- Attachment C: Offeror's Qualifications Sheet
- Attachment D: Disclosure Statements
- Attachment E: Non-Collusion Affidavit of Prime Offeror
- Attachment F: Scope of Purchase Proposal Form
  - Section 1 ANCHORS & FITTINGS
  - Section 2 CABLES
  - Section 3 CONDUITS
  - Section 4 LUMINAIRES & BALLASTS
  - Section 5 METERS; METER SOCKET & METER RINGS
  - Section 6 TRANSFORMERS
  - Section 7 UNDERGROUND FITTINGS
  - Section 8 WOODEN POWER POLES

### **PRE-BID QUESTIONS**

Any pre-bid questions and/or clarifications shall be submitted in writing to the Procurement Office via bid bids@aspower.com through electronic mail or in hard copy. All pre-bid questions must be received no later

than **4:00 p.m. on July 5, 2017**. After that time, ASPA will issue addenda to address any questions and/or clarifications as may be necessary.

### **PAYMENT TERMS**

20% Due as a down payment upon signing of Contract. An invoice will be required for any payment.

40% Due upon arrival of Materials.

40% Due 30 days after arrival by ASPA inspection of the complete order.

Offerors may offer and negotiate with ASPA for acceptable payment terms.

### **TYPE OF CONTRACT**

Services, materials, product or equipment provided and delivered by the successful Offeror will be performed under a firm fixed-price, lump sum contract agreement. The successful Offeror, as an independent contractor shall furnish the necessary equipment, personnel, tools, parts, supplies, insurance, licenses, and all other required items and services and otherwise do all things necessary to meet the requirements specified in these documents to the satisfaction of ASPA on a per unit cost basis.

The Contractor shall be an independent contractor and not an agent or employee of ASPA.

ASPA will not be held responsible in any way for claims filed by the Contractor or its employees for services performed under the terms of this RFP or the contract.

### **AWARD OF CONTRACT**

Within twenty (20) calendar days after the opening of proposals, unless otherwise stated in the Notice to Offerors, ASPA will accept one of the proposals in accordance with the section entitled "Basis of Award," below. The acceptance of the bid will be by written Notice of Award, mailed or delivered to the office designated in the bid. In the event of failure of the lowest responsive, responsible Offeror to sign and return the Contract with acceptable payment and performance bonds, as prescribed herein, ASPA may award the contract to the next lowest responsive, responsible qualified Offeror. Such award, if made, will be made within ninety (90) days after the opening of proposals. Before a Contract is finalized, ASPA may require the apparent low Offeror to submit a complete statement of the origin, composition, manufacture and availability of replacement parts and services for any or all materials to be used in the work, together with samples. These samples may be subjected to the tests provided for in these Contract Documents to determine their quality and fitness for the work.

### **PRIMARY OFFEROR**

The award, if made, will be to a single Offeror. The selected primary Offeror will be responsible for successful performance of all subcontractors and support services offered in response to this Bid. Furthermore, the ASPA will consider the primary Offeror to be the sole point of contact regarding contractual matters for the term of the Agreement. The Offeror must not assign financial documents to a third-party without prior written approval by ASPA, and an amendment to the resulting Agreement.

### **BUSINESS LICENSE**



All Offerors shall be appropriately licensed in accordance with the state, territory, and/or country of the Offeror's origin and shall be skilled and regularly engaged in the general type and capacity of work called for under this RFP.

## **INSURANCE**

The Contractor shall obtain the insurance coverage designated herein and pay all costs associated therewith. Such insurance shall be for the coverage of the shipment of materials to ASPA, Pago Pago Port.

## **BASIS OF AWARD**

Award is made to the lowest responsive, responsible Offeror providing the best value to the American Samoa Power Authority.

At the time of bid opening, each bid will be checked for the presence or absence of required information in conformance with the submission requirements of this RFP.

ASPA will evaluate each bid to determine its responsiveness to the published requirements.

Unless the Procurement Manager determines that satisfactory evidence exists that a "mistake" has been made, as set forth in Procurement Rule § 3-114, Offerors will not be permitted to revise their Proposals after bid opening.

Negotiations are not allowed and price is the major determining factor for selection and award.

Proposals will be evaluated by according to ASPA's Procurement Rules and criteria set forth in these bid documents.

ASPA reserves the right to award by section or sections. ASPA also reserves the right as a whole package of all sections.

## **QUALIFICATION OF OFFEROR**

ASPA may make such investigations as it deems necessary to determine a Offeror's ability to enter into and perform the agreement, and the Offeror shall furnish to ASPA such information and data for this purpose as ASPA may request, or the Offeror may be deemed non-responsive.

## **MULTIPLE PROPOSALS – COLLUSION**

If more than one bid is submitted by any one party or in the name of its clerk, partner or other person; all proposals submitted by said party may be rejected by ASPA. This shall not prevent a Offeror from submitting alternate proposals when called for. A party who has proposed prices on materials is not thereby disqualified from quoting prices to other Offerors or from submitting a bid directly to ASPA.

If ASPA believes that collusion exists among any Offerors, none of the participants in such collusion shall be considered.

Proposals in which the contract prices are unbalanced or unrealistic may be rejected at ASPA's sole discretion.

## **OFFEROR'S UNDERSTANDING**

Each Offeror must understand and acknowledge the conditions relating to the execution of the work and it is assumed that it will make itself thoroughly familiar with all of the Contract Documents prior to execution of the written contract.

Each Offeror shall inform itself of, and shall comply with, federal and territorial statutes and ordinances relative to the executing of the work. This requirement includes, but is not limited to, applicable regulations concerning protection of public and employee safety and health, environmental protection, historic preservation, the protection of natural resources, fire protection, burning and non-burning requirements, permits, fees, and similar subjects.

**Costs of Transportation.** The Contractor will be expected to include in its bid, among other things, costs of transporting product, equipment and materials to and from American Samoa.

## **WITHDRAWAL OF BID**

Any bid may be withdrawn prior to the scheduled time for the opening of proposals by notifying ASPA in a written request. No bid may be withdrawn after the time schedule for opening of proposals.

## **OPENING AND EVALUATION OF PROPOSALS**

In accordance with ASPA Procurement Rule §3-110, proposals will be opened and recorded on the assigned date and at the time indicated above at the Materials Management Conference Room located at the ASPA Tafuna Plant or in another place designated by the ASPA Procurement Manager in writing.

## **EXECUTION OF CONTRACT**

The Contractor shall, after receiving the Notice of Award, sign a contract within ten (10) days and deliver to ASPA the contract, together with all any requirements included in this bid document.

## **ASSIGNMENT**

The Contractor shall not assign, transfer, convey or otherwise dispose of the award or the contract, or its right, title or interest therein, or its power to execute such contract, to any other persons, firms or corporations without the prior consent in writing of ASPA.

## **TIME IS OF THE ESSENCE**

Time is of the essence in completing the work to be performed under the contract. Delays and extensions of time will not be allowed, and a penalty fee of \$100 per day shall be assessed for not meeting any of the milestones agreed upon between ASPA Project Engineer and the contractor based on the project schedule and shall consist of (at a minimum) pre-construction submittals, equipment shipping, construction of major project components, and final training and start-up services.

## **RFP CONDITIONS**

This RFP does not commit ASPA to award a contract or to pay any cost incurred in the preparation of a bid. The American Samoa Power Authority reserves the right to:

Reject any Offeror for being non-responsive to bid requirements contained in this RFP or for being non-responsive;

Reject all proposals and reissue an amended RFP;

Negotiate a contract with the Offeror selected for award; and

Waive any non-material violations of rules contained in this RFP.

ASPA reserves the right to issue any addendum to this RFP. Offerors shall send ASPA a signed form confirming receipt of any addendum, and shall submit supporting/additional information as required by any addendum. In the event that a Offeror fails to acknowledge receipt of any such addendum in the space provided, such Offeror's bid shall be considered irregular and will be accepted by ASPA only if it is in ASPA's best interest, as determined by ASPA in its sole discretion. In the event that addenda are not received until after the Offeror has submitted its bid, a supplementary bid may be submitted revising the original bid. Such supplementary proposals must be received by ASPA prior to the scheduled time for opening of proposals.

### **COMPLIANCE WITH LAWS**

Offerors who are awarded a contract under this solicitation shall comply with the applicable standards, provisions and stipulations of all pertinent Federal and/or local laws, rules and regulations relative to the performance of this contract and the furnishing of goods.

### **AWARD, CANCELLATION, AND REJECTION**

Contract award shall be made to the responsible Offeror submitting the lowest responsive bid. No other factors or criteria shall be used in the evaluation.

ASPA reserves the right to waive any minor irregularities in the bid received. The Procurement Manager shall have the authority to award, cancel, or reject proposals, in whole or in part for any one or more items if she determines it is in the best public interest. It is the policy of ASPA to award contracts to qualified Offerors. ASPA reserves the right to increase or decrease the quantity of the items for award and make additional awards for the same type items based on the quotation prices for a period of thirty (30) days after the original award.

### **OFFEROR'S QUALIFICATION DATA**

It is the intention of ASPA to award a contract only to the Contractor who is able to furnish satisfactory evidence that it has the requisite experience and ability and that it has sufficient capital, facilities and plant to enable it to perform the work successfully and promptly and to complete it within the term set forth in the contract. Each Offeror shall submit as part of the total bid package, the following information:

Name of organization;

Address and phone number of home office, principal place of business and locations and contact information for any branch offices;

Type of business structure, e.g., corporation, partnership, joint venture, proprietorship;

Place of organization or state of incorporation;

Names and addresses for all owners for businesses other than corporations;

For corporations, list the names and addresses of directors, officers and stockholders with twenty percent (20%) ownership interest or greater;

Places, including individual states and territories of the United States, where registered as a foreign corporation;

Name of awarding agency or owner for which work was performed;

Dates of performance;

Whether performance was completed within the specified time under the contract and, if not, why; and

The names and addresses of three references, at least one of which should be a bank or other lending institution, governmental agency or bonding company.

### **Delivery and Remedies for Default**

All proposed prices are to include delivery to the place designated by ASPA which shall be the American Samoa Pago Pago Port.

All prices bid are to be FOB destination. Contractor shall be responsible for filing all claims for damage or loss resulting from shipment, and shall provide timely remedy to ASPA for any loss thereby incurred.

All items covered by this contract shall be subject to inspection and acceptance at destination. Any material found to be damaged, as well as broken seals on packages or unmarked packages shall be removed and replaced by the Contractor at no cost to ASPA.

In the event any item furnished by the Contractor in performance of the contract should fail to comply with the specifications established as a basis for award of the Invitation, ASPA may reject the same, and it shall thereupon become the duty of the Contractor to reclaim and remove the same forthwith without expense to ASPA, and immediately to replace all such rejected items with others conforming to said specifications; provided that should the Contractor fail, neglect or refuse to do so, ASPA shall thereupon have the right to purchase in the open market, at the then prevailing price, a corresponding quantity of any such items, and to deduct from any monies due or that may thereafter become due to the Contractor the difference between the price named in the contract and the actual cost thereof to ASPA. In addition and without limiting any other remedies available to ASPA, the Contractor shall be liable for all losses, costs and expenses incurred by ASPA.

Acceptance of items at destination shall not relieve the Contractor from the obligation to correct any incomplete, inaccurate, or defective deliveries in accordance with these General Conditions.

The time of delivery as set forth herein is an integral part of this Invitation and resulting contract. If Contractor fails to make delivery within the time established and agreed upon by both parties, ASPA may, at its option, declare the Contractor to be in default, and his proposals and resulting contract to be null and void or ASPA shall charge the Contractor a fee of \$50 per day until the default has been remedied.

Contractors shall be excused from performing hereunder during the time and to the extent that they are prevented from obtaining, delivering, or performing in the customary way because of fire, strike, acts of God, partial or total interruption, providing it is satisfactorily established that the non-performance is not due to fault or negligence of the party not performing.

Offeror shall indicate in its bid the lead time for delivering the order to American Samoa.

ASPA shall be notified by the vendor if the product ordered cannot be delivered within the time period to give ASPA the opportunity to secure product elsewhere.

ASPA reserves the right to purchase products on open market if vendor cannot supply products within time specified in this contract.

### **Prices**

All prices bid shall be firm and not subject to increase if accepted during the acceptance period. Proposals containing an “escalation clause” will not be considered unless specifically authorized by ASPA in the Invitation for Proposals.

For each item bid, a unit price and a total for the quantity must be stated. The unit price shall always control.

All prices shall be F.O.B. (Free On Board) destination. The seller hereunder must at his own expense and risk, transport the goods to the named place and there tender delivery.

### **Product Guarantee**

Products sold under the contract must be guaranteed by the vendor. Orders not filled and partials shall be indicated on the packing list. Vendor shall inform the Procurement Manager of anticipated delivery date for unfilled and partial orders.

### **Return Policy**

Products can be returned for full credit within 30 days from the date of purchase. If an item is received damaged or defective, the vendor will replace the item at no charge. Should ASPA encounter a warranty/return issue, the product will be returned to the vendor for full credit or a replacement.

### **Specifications**

All specifications included as a part of this Invitation are designed to set forth the level of quality and performance desired by ASPA, and is intended to be descriptive, not restrictive. Whenever any article, material, or equipment is described by use of a product or brand name, or by using the name of a manufacturer or vendor, the use of same is for informative purposes only, and the term "or equal" if not inserted, is implied.

Offerors may submit alternate offers on items they deem to be equal or superior in quality and performance to the specifications set forth. However, such offers must designate the manufacturer, brand or trade name, and model number of the items offered, and be accompanied by descriptive material in the form of literature, catalog cuts and specifications fully describing the items proposed, and detailing any deviations from the specification established by ASPA. Failure to provide this information will be at Offeror's risk and may be cause for rejection of the items offered.

ASPA reserves the right to require such additional information, samples and, if practicable, demonstration of items offered as may be necessary to allow a full and complete evaluation of all proposals. Samples and/or demonstrations will be supplied promptly and free of charge to ASPA. Failure to provide samples within a set of business days agreed upon by both parties may be grounds for bid rejection. Samples will upon request, and if not destroyed by testing, be returned at the Offeror's expense.

The responsibility to determine the equivalence of quality and performance of any item offered to the specifications established for this Invitation rests solely with ASPA and its decision shall be final.

ASPA reserves the right to require such additional information, samples and, if practicable, demonstration of items

### **Warranty**

The Contractor warrants;

- that goods, supplies, materials, and equipment covered by this contract conform to the specifications, design, drawings, samples and other descriptions referred to in this contract;
- that such goods, supplies, materials, and equipment are free from defects in materials and workmanship, patent or latent; and
- that such goods, supplies, materials and equipment are fit for ordinary purposes for which they are used, and fit for such particular purposes as the Contractor has reason to know or should know.

### **Conflict of Interest**

No member, officer, or employee of ASPA during his/her tenure or for one year thereafter shall have any interest, direct or indirect, in any property included, or any contract for property, materials, or services to be furnished or used in connection with this contract or the proceeds thereof.

### **Assignment**

The Contractor's obligation and duties under this contract shall not be assigned in whole or in part by the Contractor without the prior written approval of ASPA.

### **Indemnification**

Contractor agrees to investigate, defend and hold ASPA harmless from and against any and all loss, damage, liability, claims, demands, detriments, cost, charges and expense (including attorney's fees), and causes of action of whatsoever character which ASPA may incur, sustain or be subjected to, arising out of or in any way connected to the services to be performed by Contractor or subcontractor under this Contract and arising from any cause, except the sole negligence of ASPA.

**ATTACHMENT A**

**OFFEROR'S TRANSMITTAL FORM**

Date: \_\_\_\_\_

AMERICAN SAMOA POWER AUTHORITY  
American Samoa Government

To Whom It May Concern:

The undersigned (hereafter called an Offeror), \_\_\_\_\_  
(Corporation, Partnership or Individual)

hereby proposes and agrees to furnish all the necessary information pertaining to:

**RFP No. ASPA17.036.WHS-TD T&D INVENTORY MATERIALS**

In accordance with the Scope of Purchase Proposal Form (Attachment F), General Terms and Conditions, the item Specifications and other procurement requirements specified in this document for the prices stated in the itemized proposal form(s) attached hereto, plus any and all sums to be added and/or deducted resulting from all extra and/or omitted work in accordance with the unit and/or lump sum prices stated in the itemized proposal form attached hereto.

The undersigned has read and understands the proposal requirements, and is familiar with and knowledgeable of the local conditions at the island-wide location(s) where the work is to be performed. The Offeror has read the RFP Instructions and General Terms and Conditions attached to ascertain that all of the requirements (see boxes) of the bid are submitted in the bid envelope, with an original, one PDF electronic copy, and five (5) hard copies, at the date and time for bid opening. (See Page 6 of this document, "SPECIAL NOTICE TO PROSPECTIVE OFFERORS" to verify that all submittal requirement boxes have been checked).

\_\_\_\_\_  
Signed

Seal

Date: \_\_\_\_\_

**ATTACHMENT B**  
**PROPOSAL FORM**

In compliance with the above Request for Proposals, the undersigned proposes to provide all materials in strict accordance with the General Conditions, General Requirements, Technical Specification Schedules, Specifications for the Supply and Delivery of **T&D INVENTORY MATERIALS (SEE SCOPE OF PURCHASE PROPOSAL FORM)**

**TO:** American Samoa Power Authority, Attn: Procurement Manager

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

**TITLE:** **T&D INVENTORY MATERIALS**

**RFP #:** **RFP No. ASPA17.036.WHS-TD T&D INVENTORY MATERIALS**

**OFFEROR:**  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

**DATE:** \_\_\_\_\_, 2017

Lead time must be listed for the supply and delivery of T&D inventory materials: \_\_\_\_\_

All blanks on the Bid Form shall be typewritten or handwritten in blue or black ink.

<b><u>SECTION</u></b>	<b><u>DESCRIPTION</u></b>	<b><u>TOTAL PRICE</u></b>
SECTION 1	ANCHORS & FITTINGS	
SECTION 2	CABLES	
SECTION 3	CONDUITS	
SECTION 4	LUMINAIRES & BALLASTS	
SECTION 5	METERS; METER SOCKET & METER RINGS	
SECTION 6	TRANSFORMERS	
SECTION 7	UNDERGROUND FITTINGS	
SECTION 8	WOODEN POWER POLES	
	SHIPPING AND HANDLING CIF PAGO PORT	
	<b>TOTAL BID</b>	<b>\$</b>



IN WITNESS THEREOF, the undersigned has caused this instrument to be executed by its duly authorized officers on this \_\_\_\_\_ day of \_\_\_\_\_ 2017.

OFFEROR:

By: \_\_\_\_\_

Name: \_\_\_\_\_

Title: \_\_\_\_\_

**ATTACHMENT C**

**OFFEROR'S QUALIFICATION SHEET**

(Please Print or Type and Complete All Sections. An incomplete section will be considered Non-responsive. Use additional sheets if necessary.)

1. Name of Offeror \_\_\_\_\_

2. Name of Official Representative \_\_\_\_\_

3. Business Address/e-mail  
\_\_\_\_\_  
\_\_\_\_\_

4. Telephone, Fax and Official Contact Person  
\_\_\_\_\_  
\_\_\_\_\_

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5. Type of Business Structure (Please check)

\_\_\_\_ Corporation    \_\_\_\_ Partnership    \_\_\_\_ Joint Venture

\_\_\_\_ Proprietorship

NOTE: Corporations must complete the recordation of their Articles of Incorporation, which is evidenced by the Certificate of Incorporation issued by the Treasurer of the American Samoa Government. Copies of partnership agreements and articles of incorporation should be submitted to the Revenue Branch along with this application form and relevant documents. Aliens cannot operate sole ownership enterprises, and partnerships with aliens are subject to review by the Immigration Board.

6. Number of years the Offeror has been engaged in its current company business under the present firm name indicated \_\_\_\_\_

7. Type of work generally performed by Offeror  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

8. List all major projects of a similar nature to the purchase delivery of **RFP No. ASPA17.036.WHS-TD T&D INVENTORY MATERIALS**, which have been completed by the Offeror within the last three years, the total dollar amount of each project and the owner/contact person as a reference (attach additional sheets as necessary).

- Order Name \_\_\_\_\_  
Date Completed \_\_\_\_\_ Total Order Cost \$ \_\_\_\_\_  
Name of Owner \_\_\_\_\_

Owner's phone number \_\_\_\_\_

- Order Name \_\_\_\_\_  
Date Completed \_\_\_\_\_ Total Order Cost \$ \_\_\_\_\_  
Name of Owner \_\_\_\_\_  
Owner's phone number \_\_\_\_\_

- Order Name \_\_\_\_\_  
Date Completed \_\_\_\_\_ Total Order Cost \$ \_\_\_\_\_  
Name of Owner \_\_\_\_\_  
Owner's phone number \_\_\_\_\_

9. Have you ever sued or been sued by any Government Agency?

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10. If so, name the agency and reasons thereof

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11... If so, state case settlement, if settled

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**ATTACHMENT D**  
**DISCLOSURE STATEMENTS**

This form must be completed by all Offerors and submitted with the bid.

I \_\_\_\_\_ (Name of owner or partner- all partners must complete a form) of \_\_\_\_\_, the Offeror that has submitted the attached bid:

(Name of company)

(Complete one of the two following statements)

1. I **have no** immediate relatives (parents, children or siblings) who are currently employed by the American Samoa Power Authority (ASPA).

\_\_\_\_\_  
(Signed) (Title)

2. I have immediate relatives (parents, children or siblings) who are currently employed by ASPA.

Their names and positions in are as follows.

Name	Relationship to Offeror	Position in ASPA
_____	_____	_____
_____	_____	_____
_____	_____	_____
_____	_____	_____

\_\_\_\_\_  
(Signed) (Title)

Note: It is not against ASPA procurement rules for the relatives of ASPA employees to bid on and receive government contracts provided they disclose such relationships at the time of bidding.

**ATTACHMENT E**  
**NON-COLLUSION AFFIDAVIT OF PRIME OFFEROR**

\_\_\_\_\_ being first duly sworn deposes and says that:

1. He/She is \_\_\_\_\_ (Owner, Partner, Representative or Agent) of \_\_\_\_\_ the Offeror that has submitted the attached bid.
2. He is fully informed regarding the preparation and contents of the attached bid and of all pertinent circumstances regarding such bid.
3. Such bid is genuine and is not a collusive or false bid.
4. Neither the said Offeror nor any of its officers, partners, owner, agents, representatives, employees or parties in interest, including this affiant, has in any way colluded, conspired, connived or agreed, directly or indirectly with any other Offeror, firm or person to submit a collusive or false bid in connection with the Contract for which the attached bid has been submitted or to refrain from bidding in connection with such Contract, or has in any manner, directly or indirectly, sought by agreement or collusion or communication or conference with any other Offeror, or to secure through any collusion, conspiracy, connivance or unlawful agreement any advantage against American Samoa Power Authority or any person interested in the proposed Contract; and
5. The price or prices quoted in the attached bid are fair and proper, and are not tainted by any collusion, conspiracy, connivance or unlawful agreement on the part of the Offeror or any of its agent's representatives, owners, employees, or parties in interest, including this affiant.

\_\_\_\_\_  
(Signed)

\_\_\_\_\_  
(Title)

Subscribed and sworn to before me

This \_\_\_\_\_ day of \_\_\_\_\_, 2017

\_\_\_\_\_  
(Signed)

\_\_\_\_\_  
(Title)

My Commission expires \_\_\_\_\_.

**ATTACHMENT F**  
**SCOPE OF PURCHASE PROPOSAL FORM**  
**(Attached Separately)**

**ATTACHMENT F: SECTION 1 ANCHORS & FITTINGS**

<b>ITEM NO.</b>	<b>LOC</b>	<b>ASPA WHSE NO.</b>	<b>DESCRIPTION</b>	<b>U/M</b>	<b>REQ.QTY</b>	<b>PRIMARY CAT NO</b>	<b>UNIT PRICE</b>	<b>EXTENDED COST</b>
1	CONT15	933808	ANCHOR,EXPANDING 8-WAYS.GALV.STEEL	EA	75	J8200-1		
2	CUG-36	6300303	BOLT, MASONARY (AKA) ANCHOR 3/8" X 3"	EA	100	DFS/USA38300WS		
3	CUG-36	6300402	BOLTS, MASONARY ANCHOR 1/2" X 2-3/4"	EA	100	DFS/USA12234WS		
4	D-02	6310406	BOLT, CARRIAGE 1/2" X 6"	EA	200	J8646-E		
5	D-06	6380512	BOLT, MACHINE 5/8" X 12"	EA	400	J8812		
6	E-01	6380614	BOLT, MACHINE 3/4" X 14"	EA	20	J8914*E		
7	O-CEMT	7575168	WOOD,CROSSARM BRACE,60"SPAN,18"DROP	PR	75	J4760-R(E)		
8	E16-18	11722528	25KV FIBERLINK EPOXILATORS	EA	150	DS-28G(MACLEAN)		
9	E-06	11771047	PREFORMED,GUY GRIP.ALUMOWELD 10M.	EA	250	AWDE-4116		
10	C16&BF	12301301	BRACKET,CLEVIS W/O INSULATOR	EA	100	J1300		
11	C-17	12302107	BRACKET,WIREHOLDER PIPE MOUNT.	EA	150	J0588Z		
12	CONT#5	15620207	CONDUCTOR,BARE #2-7STR,HD.CU.	FT	2000	#2-7STR CU BARE		
13	B-07	17070202	CONNECTOR,COMPRESSION #2 RUN #2TAP	EA	1000	YC2C2(BURNDY)		
14	B-08	17070404	CONNECTOR,COMPRESSION #4 RUN #4TAP	EA	2000	YC4C4		
15	B-08	17070406	CONNECTOR,COMPRESSION #4 RUN #6TAP	EA	1000	YC4C6(BURNDY)		
16	B-10	17071020	CONNECTOR,COMPRESSION 1/0-2/0STR.TAP	EA	200	YC28C26(BURNDY)		
17	O-CEMT	18220311	WOOD,CROSSARM 8 FT.3-5/8X4-5/8	EA	100	PENNINGTON M-19		
18	E21-CF	18312311	CUTOUT,FUSE TYPE,100AMPS,15KV.95BIL	EA	100	C710-112PB		
19	B-03	23002015	FUSE,LINK 15-AMPS,R/H.T-TYPE	EA	60	M15TA23 CHANCE		
20	B-03	23002020	FUSE,LINK 20-AMPS,R/H.T-TYPE	EA	20	M20TA23 CHANCE		
21	B-05	23002080	FUSE,LINK 80-AMPS,T-TYPE	EA	20	M80TA23 CHANCE		
22	CONT15	29300755	GUARDS GUY WIRE,7FT YELLOW HELICAL	EA	100	84FRPM-YEL		
23	CONT15	34252510	INSULATOR,25KV F-NECK POST TIE-TOP	EA	100	80S0250F09		
24	C-15	34263010	INSULATOR,SPOOL 3"HIGH 1-3/4"GRV	EA	100	J151 JOSLYN		
25	D-01	42903063	NUT,LOCK 5/8" DIAMETER BOLT	EA	350	J8583(E) JOSLYN		
26	C-08	44602005	CURRENT TRANSFORMER TYPE CMF 200:5	EA	12	4460A30G01		
27	B-11	61602811	STAPLES J-6652 COPPER COATED	LB	50	J-6652		
28	E05TOP	62011280	INSULATION INSTANT 0.75 ID X 12FT	EA	5	1128		
29	E03TOP	62021116	BUSHING TRIPORT COVERS 3.37" HEIGHT	EA	10	21116		
30	E04TOP	62021317	BUSHING TRIPORT COVERS 7" HEIGHT	EA	100	21317		
31	E01TOP	62034250	STINGER COVERS 3/4" X 25FT COILS	EA	10	34-25SC		
32	E01TOP	62038100	STINGER COVERS 3/8" X 100FT COILS	EA	10	38-100SC		

33	E02TOP	62058100	STINGER COVERS 5/8" X 100FT COILS	EA	15	58-100SC		
34	C-04	66974000	LUG,COMPRESSION 4/0 STR.CU	EA	25	YA28-2N BURNDY		
35	C-06	66976000	LUG,TRANSFORMER GROUND 8SOL.2STR	EA	100	EQC632C BURNDY		
36	D-01	71020641	WASHER,SQ 2-1/4"X2-1/4"X1/4" 13/16"	EA	2000	J1076 JOSLYN		
37	F-06	73821047	WIRE, GUY ALUMOWELD 10M. 7 STRAND	FT	3000	10M ALUMOWELD		
38	B-13	76102606	TAPE,RUBBER SPLICE,3/4"X30FT	EA	50	054007-15025		
39	B-14	76103533	TAPE,PLASTIC 33+ 3/4"X60FT	EA	400	108 3M		
40	B-16	76103534	TAPE,PLASTIC COLOR-WHITE	EA	100	10828 3M		
41	B-15	76103535	TAPE,PLASTIC COLOR-RED	EA	100	10810 3M		
42	B-14	76103536	TAPE,PLASTIC COLOR-YELLOW	EA	100	10844 3M		
43	B-17	76103537	TAPE,PLASTIC COLOR-BLUE	EA	100	10836 3M		
44	B-13	76107114	TAPE,INSULATION PUTTY 1-1/2"X60"	EA	150	054007-41750 3M		
45	CUG-38	79002150	SPRAY,CABLE CLEAN,RAPID DRY FORMULA	EA	24	02150 CRC		
							<b>TOTAL</b>	<b>\$</b>



**ATTACHMENT F: SECTION 2 CABLES**

<b>ITEM NO.</b>	<b>ASPA WHSE NO.</b>	<b>DESCRIPTION</b>	<b>U/M</b>	<b>REQ.QTY</b>	<b>CAT/SPECS</b>	<b>UNIT PRICE</b>	<b>EXTENDED COST</b>
<i>1</i>	9111202	CABLE,UNDERGROUND 15KV,#2 STR COPPER	FT	5000	#2CU,133%		
<i>2</i>	9111210	CABLE UNDERGROUND 15KV,1/0 STR CU	FT	10000	1/0 AL STR 133%		
<i>3</i>	9111240	CABLE,UNDERGROUND 15KV 4/0 STR CU	FT	10000	4/0 AL,133%		
<i>4</i>	9713135	CABLE,350MCM BLACK THHN 37 STR.	FT	1000	350MCM,CU THHN		
<i>5</i>	9713150	CABLE,500MCM BLACK THHN 37 STR.	FT	1000	500MCM,CU THHN		
<i>6</i>	9713302	CABLE,WPROOF TRIPLEX#2-7STR.MHD.CU	FT	5000	CENTURY#2/7 CU		
<i>7</i>	9713304	CABLE,WPROOF TRIPLEX#4.7-STR.MHD.CU	FT	10,000	CASLON #4/7 CU		
<i>8</i>	9713402	CABLE,WPROOF QUADUPLEX #2.7-STR.CU.	FT	6000	2.7 STR CU QPX		
<b>TOTAL</b>						<b>\$</b>	

**ATTACHMENT F: SECTION 3 CONDUITS**

<i>ITEM NO.</i>	<i>ASPA WHSE NO.</i>	<i>DESCRIPTION</i>	<i>U/M</i>	<i>REQ.QTY</i>	<i>PRIMARY CAT NO</i>	<i>UNIT PRICE</i>	<i>EXTENDED COST</i>
<i>1</i>	79230540	COUPLINGS SCH-40 X 5"	EA	30	PWPIPE 60010500		
<i>2</i>	79240545	ELBOWS 5" SCH40 45 DEGREE 24" RADIUS	EA	20	PWPIPE 75450500		
<i>3</i>	79240590	ELBOWS 5" SCH-40 X 90 DEG 30" RADIUS	EA	20	PWPIPE 75900500		
<i>4</i>	79250540	END CAPS 5" SCH 40	EA	20	PWPIPE 60460500		
<i>5</i>	79205010	PIPE,1/2"X 10FT PVC SCH.40 (10 A BUNDLE)	EA	500	SCH40 1/2"X10FT		
<i>6</i>	79200520	PIPE,5"X 20FT SCH.40	EA	200	5"SCH40X20'		
<i>7</i>	79200319	PIPE,3"X19' CONDUIT SCH.40	EA	200			
<b>TOTAL</b>						<b>\$</b>	

**ATTACHMENT F: SECTION 4 LUMINAIRES & BALLASTS**

<i>ITEM NO.</i>	<i>ASPA WHSE NO.</i>	<i>DESCRIPTION</i>	<i>U/M</i>	<i>REQ.QTY</i>	<i>CAT/SPECS</i>	<i>UNIT PRICE</i>	<i>EXTENDED COST</i>
<i>1</i>	39001012	LUMINAIRES,COMPLETE STREETLIGHT 70WATTS	EA	200	SAMO7S1N54LV5AL		
<i>2</i>	39011112	LUMINAIRES,LAMP 70W,HPS,120VOLTS	EA	600	GE-LU70/H/ECO		
<i>3</i>	39014212	LUMINAIRES,LAMP 250W.120V	EA	100	PHILIPS C250S50		
<i>4</i>	<b>39020000</b>	<b>LUMINAIRES,PHOTO ELECTRIC CONTROL</b>	<b>EA</b>	<b>600</b>	<b>7790B-SSS</b>		
<i>5</i>	39060000	LUMINAIRES,BALLAST.70W/HPS-120V NO SHADE	EA	500	GE-SAH07S1N21		
<i>6</i>	39060100	BALLAST 100WATT 120VOLTS W/REFRACTOR	EA	20	OVZ10SH22E4		
<i>7</i>	39060250	BALLAST 250WATT,120VOLTS W/REFRACTOR	EA	75	OVZ25SWW2E4		
<i>8</i>	39070000	LUMINAIRES,STREETLIGHT SHADE YARD TYPE	EA	200	SA-V5AL GE		
						<b>TOTAL</b>	<b>\$</b>

**NOTE:**

<b><i>ITEM NO. 4</i></b>	<b><i>39020000</i></b>	<b><i>LUMINAIRES,PHOTO ELECTRIC CONTROL</i></b>
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***ASPA HAS EXPERIENCED SHORT LIFE SPANS ON THIS ITEM. WE WOULD ENTERTAIN LONGER LASTING ALTERNATIVES TO THIS PART NUMBER.***

**ATTACHMENT F: SECTION 5 METERS: METER SOCKET & METER RINGS**

<b>ITEM NO.</b>	<b>ASPA WHSE NO.</b>	<b>DESCRIPTION</b>	<b>U/M</b>	<b>REQ.QTY</b>	<b>CAT/SPECS</b>	<b>UNIT PRICE</b>	<b>EXTENDED COST</b>
<b>1</b>	39930000	METER ELECTRIC REFURBISHED (SPECIAL)	EA	100	SPECIAL ORDER		
<b>2</b>	59103182	SOCKET METER 13 TERMINAL NON CORROSIVE	EA	10	MILBANK UCSS7237-O		
<b>3</b>	59250000	METER,RING STAINLESS STEEL.KWH	EA	400	E-S6900H-ANKER		
						<b>TOTAL</b>	<b>\$</b>

**ATTACHMENT F: SECTION 6 TRANSFORMERS**

<b>ITEM NO.</b>	<b>ASPA WHSE NO.</b>	<b>DESCRIPTION</b>	<b>U/M</b>	<b>REQ.QTY</b>	<b>CAT/SPECS</b>	<b>UNIT PRICE</b>	<b>EXTENDED COST</b>
1	69361100	TRANS,POLE TYPE 120/240,100KVA. 1PH	EA	3	120/240 100KVA		
2	69361510	TRANS,POLE TYPE 120/240,10KVA.1PH	EA	10	120/240 10 KVA		
3	69361515	TRANS,POLE TYPE 120/240,15KVA.1PH	EA	10	120/240 15 KVA		
4	69361525	TRANS,POLE TYPE 120/240,25KVA.1PH	EA	10	120/240 25 KVA		
5	69361537	TRANS,POLE TYPE 120/240,37KVA.1PH	EA	10	120/240 37 KVA		
6	69361550	TRANS,POLE TYPE 120/240,50KVA.1PH	EA	10	120/240 50 KVA		
7	69361575	TRANS,POLE TYPE 120/240,75KVA.1PH	EA	5	120/240 75 KVA		
8	69362100	TRANS,POLE TYPE 240/480 100KVA.1PH	EA	3	EMRP212076Y80T2		
9	69362510	TRANS,POLE TYPE 240/480,10KVA.1PH	EA	5	240/480 10 KVA		
10	69362525	TRANS,POLE TYPE 240/480,25KVA.1PH	EA	5	240/480 25 KVA		
11	69366525	TRANS,POLE TYPE 277/480 25KVA.1PH	EA	3	277/480 25 KVA		
12	69366537	TRANS,POLE TYPE 277/480 37.5KVA.1PH	EA	3	277/480 37.5KVA		
13	69366550	TRANS,POLE TYPE 277/480 50KVA.1PH	EA	3	EMRP237076Y50T2		
14	69366575	TRANS,POLE TYPE 277/480 75KVA.1PH	EA	3	EMRP237076Y75L2		
15	69831610	TRANSFORMER, PADMOUNT 240/120V,1PH 10KVA	EA	5			
16	69831615	TRANSFORMER,PADMOUNT 240/120V,1PH,15KVA	EA	5			
17	69831625	TRANSFORMER PADMOUNT 120/240 25KVA.1PH	EA	3	120/240 25KVA		
18	69831637	TRANSFORMER,PADMOUNT 240/120V,1PH,37.5KV	EA	3			
19	69831650	TRANSFORMER PADMOUNT 120/240 50KVA.1PH	EA	3	120/240 50 KVA		
20	69833860	TRANSFORMER PADMOUNT 120/208Y 150KVA	EA	2	120/208Y 150KVA		
21	69833866	TRANSFORMER PADMOUNT 120/208Y 500KVA	EA	1	120/208Y 500KVA		
22	69836500	TRANSFORMER PADMOUNT 277/480Y 500KVA	EA	1	277/480Y 500KVA		
23	69836750	TRANSFORMER PADMOUNT 277/480Y 750KVA	EA	1	277/480Y 750KVA		
24	69836864	TRANSFORMER PADMOUNT 277/480Y 300KVA	EA	2	277/480 300 KVA		
25	43010111	BOX, PADMOUNT-FIBERGLASS, 1PHASE	EA	15			
						<b>TOTAL</b>	<b>\$</b>

## **AMERICAN SAMOA POWER AUTHORITY**

### **SPECIFICATION FOR THREE-PHASE PAD MOUNTED TRANSFORMERS**

Specification for three phase, self cooled, pad mounted transformer(s), 60 Hz, 65 Deg. Rise maximum, standard impedance.

#### **1.0 SITE CONDITIONS**

The American Samoa Power Authority is a tropical island based electric, water, solid waste and wastewater utility. There is a high amount of salt entrained in the air. The average rainfall in American Samoa is 200 inches per year.

#### **2.0 GENERAL REQUIREMENTS**

The transformers shall be capable of operating satisfactory in an ambient temperature range of 75-95 degrees Fahrenheit, relative humidity of 90% and a humid coastal environment. The altitude range shall be from sea level to 3000 feet above sea level.

The transformer design, construction and testing shall be in accordance with the latest accepted, published ANSI, IEEE AND NEMA standards such as: ANSI C57.12.00, C57.12.22, C57.12.28, C57.12.70, C57.12.90, and NEMA TR-1 and TR-P9-1977, and REA U-5.

#### **3.0 VOLTAGE**

The American Samoa Power Authority utilizes a 13200/7620 voltage multi-grounded system for its primary distribution feeders.

The primary voltage rating of the transformer shall be 13.2/7.62 KV.

#### **4.0 BUSHINGS**

Primary connection to be dead front, loop feed, 15 KV 200amp, externally clamped high voltage epoxy bushing wells and load break inserts. Insulation class 95 Kv BIL.

Low voltage connection to be tin plated 4 hole spade type insulated terminal to accept Copper or Aluminum NEMA spades, with external removable grounding strap on neutral. Insulation class 30Kv BIL.

#### **5.0 TEMPERATURE**

At rated voltage and KVA, the temperature rise of the windings of the transformer shall not exceed 65 deg. C, when measure by the resistance method. The hot spot temperature

rise shall not exceed 80 Deg. C, in accordance with the latest Revision of ANSI C57.12.90.

## **6.0 GENERAL CONSTRUCTION AND ARRANGEMENT**

The transformer tank, cover, enclosure, cooling fins, and all assorted hardware shall be fabricated from type 304L stainless steel. Manufacturer shall identify by appropriate marking the type of stainless steel metal used and specify the thickness of the metal in inches or gauge size.

The handhole cover shall be tightly gasketed and securely clamped to the tank to prevent entrance of moisture.

Standard ANSI accessories shall be provided and fill plug and pressure relief device suitable for relieving excessive pressure is such develops within the tank.

In addition to regular locking provisions, access doors shall be secured by recessed captive stainless steel pentahead bolt.

## **7.0 CORE AND COILS**

Core and coils shall be assembled properly with five-legged core/coil assembly and free of foreign materials and rust.

## **8.0 IMPEDANCE AND SHORT CIRCUIT CAPABILITY**

The transformers shall be constructed to withstand mechanical and thermal stresses due to secondary short circuit in accordance with the latest revision of ANSI standard C57.12.00.

## **9.0 TAPS**

Each transformer shall be supplied with an approved external tap changing mechanism for de-energized operation.

Each transformer shall be equipped with four (4) different tap settings in 2.5% increments, in addition to the neutral position.

TAPS	P-N Volts
A	7620
B	7420
C	7230
D	7040
E	6850

## **10.0 OIL**

The transformer shall be filled with insulating oil. The insulating oil should be manufactured by either the acid or solvent refined process and comply with EPA regulation for non PCB oil. Each transformer shall be clearly marked with a “NON-PCB” sign.

## **11.0 FUSING**

High Side fusing shall be by means of Bay-O-Net type, oil immersed, expulsion fuses accessible through primary compartment and backed up by isolation link. A drip shield shall be below the fuses.

Manufacturer shall stencil in yellow letters at least 1” tall, the following statement in a visible location above and or below the fuse. Words shall be stenciled in English and Samoan as follows:

“DE-ENERGISE TRANSFORMERS BEFORE OPERATING FUSE.”

“TAPE TRANSFORMER AE LE’I FA’AOLAINA FUSE.”

## **12.0 HIGH VOLTAGE SWITCHES**

All transformers 300 KVA and over shall have high voltage load break sectionalizing switches. The above high voltage load break switches are to be contained inside the transformer tank and may be oil immersed.

The load break switches shall provide circuit connections as shown in Exhibit 1 (8.3, 13.2). Line 1 – on, off, Line 2 – on, off.

The operating handles of the high voltage load break switches for Line 1 and Line 2 shall be located in the high voltage section of the terminal and switching compartment and shall be suitable for hot stick operation. The position of the switches, whether open or closed, shall be clearly indicated.

The high voltage load break switches shall meet the following requirements when completely assembled and installed in the padmounted transformer.

- a. Voltage rating of loadbreak switches: 15,000 volts, 95 Kv BIL.
- b. Load break Capability: 200 rms  
Amperes at 15,000 volts and 0.8 power factor, lagging
- c. Momentary rating: 10,000 asymmetrical rms amperes
- d. Make and latch rating: 5000rms  
Symmetrical amperes



- e. There shall be no arcing time after the switch blades have traveled from the closed position to the fully open position.

### **13.0 FINISH**

The transformer shall be painted with No. 70 gray paint per ANSI 2551. If special corrosion resistant paint or painting methods are available, describe their advantages and indicated price adder, if any.

### **14.0 TESTING**

Each transformer shall be electrically tested in accordance with ANSI standard C-57.12.90.

The bidders shall submit with their bids the Guaranteed Average no load and full load losses for each transformer classification.

The successful bidder, after testing the transformers at the factory shall submit certified test reports within 2 weeks as to actual losses of each transformer. ASPA may select to send someone to witness the tests. ASPA will reject all transformers that do not comply with ASPA's tendering specification and quote from successful bidder.

### **15.0 EVALUATION OF BIDS**

For each transformer, please indicate guaranteed average no load and full load losses in watts. Bids will be compared according to the following formula

$$\text{Evaluated Cost} = \text{Bid Price} + (\text{N/L loss}) \$9.17 + (\text{F/L loss}) \$4.59$$

Certified test reports for each unit will be required. If the average losses are higher or lower than quoted, the invoice will be adjusted accordingly.

If any exceptions are taken to this specification, each shall be clearly noted in the quote.

Design drawings for typical unit shall be provided for each KVA size. These drawings shall accompany the bid.

All transformers to be priced CIF PAGO PAGO.

### **16.0 DELIVERY**

Bidders must clearly state in their bids:

Date the transformers will be ready for testing at factory.

Shipping date from a West Coast port, specifying port.

## AMERICAN SAMOA POWER AUTHORITY

### POLE MOUNTED DISTRIBUTION TRANSFORMER BID SPECIFICATIONS

#### **1. Site Conditions:**

ASPA is a tropical island based electric, water, solid waste and sewer utility. Power lines are installed close to the sea front where they are exposed to salt spray from the sea. The average rainfall in American Samoa is 200 inches. Salt spray on the insulators and transformers is a major source of faults especially when there is light rain after a long spell of dry weather. Tracking from insulators onto cross arms and wooden poles have caused a lot of faults and power outages.

Salt air is very corrosive on metals. This is the reason why we resorted to buying totally stainless steel transformers. Condensation in transformer tanks is another source of problem if there is too much moisture mixed with the transformer insulation oil. Transformers must be fitted with breathers to eliminate as much of the condensation.

#### **2. General Requirements:**

Transformers shall be capable of operation satisfactory in an ambient temperature range of 75 to 95 degrees Fahrenheit, relative humidity of 90%, and humid coastal environment. The altitude range shall be from sea level to 3 feet above sea level.

The transformer design, construction and testing shall be in accordance with the latest accepted published ANSI, IEEE and NEMA standards such as: ANSI C57.12.00, C57.12.22, C57.12.70, C57.12.90, and NEMA TR – 1 and TR – P9 – 1977, and REA U –5.

#### **3. Voltage**

The ASPA uses a 13.2 KV/7.62KV multi grounded system for its primary distribution feeders.

Transformers will be connected as single phase or connected as three phase banks for 240/480 V three phase loads.

#### **4. Temperature Rise**

At rated voltage and KVA, the temperature rises of the windings of the transformer shall not exceed 65 degrees C when measured by the resistance method. The hot spots temperature rise shall not exceed 80 degree C, in accordance with the latest Revision of ANSI C57.12.90

5. Transformer Tank, cover bottom and associated hardware and brackets shall be fabricated from Type 304L or type 304 low carbon (0.05%) stainless steel.
6. Paint to be used for the transformer tanks and cover, shall be #70 gray. If special corrosion Resistant paint or painting methods are available, describe their advantages and indicate a price addendum, if any.
7. Bushing shall be #70 gray with a minimum leakage of 17", 25 KV insulation class 150KV minimum BIL. There shall be a corona protected high voltage gasket to prevent tracking on transformer cover. (Each transformer shall have two primary bushings)

8. If manufactures have other features which will extend the life of their transformer in a corrosive sea coast environment, they should describe the feature(s) and indicate any price addendum for those features.
9. For each size transformer, bidder shall quote the guaranteed average No Load (N/L loss) and average Full Load (F/L loss) losses in watts. Bids will be evaluated in accordance to the following formula: **Evaluated Cost = Bid Price + N/L losses \* \$9.17 + F/L loss # \$4.59**
10. The supplier of the transformers shall provide ASPA with certified test reports of the supplied transformers. If the average losses are higher of lower than quoted losses, the invoice will be adjusted accordingly. If the difference in losses is excessive, ASPA reserves the right to reject the transformer and require the manufacture to remanufacture new transformers in according with specification and quoted losses.
11. Transformers shall have two (2) primary bushings. Bushing insulation class is 30 KV BIL.
12. Transformers shall have four (4) 2.5% taps all below the rated voltage, to boost secondary voltages. Taps shall be set up as follows:
  - Tap 1 – 100% or 7.62 KV
  - Tap 2 – 97.5% or 7.42 KV
  - Tap 3 – 95% or 7.23 KV
  - Tap 4 – 92.5% or 7.04 KV
  - Tap 5 – 90% or 6.85 KV
13. Transformers shall have one tank mounted MOV lightning arrestors with insulated bird guard and insulated jumper to the bushing.
14. Transformer oil shall comply with EPA regulations for non-PCB oil. Each transformer shall be clearly marked with a “NON-PCB” sign.
15. Transformer shall be conventional, not CSP transformers. Transformers shall be protected with outside mounted fuse cutouts.
16. Transformers shall be capable of being connected into three phase banks.

**ATTACHMENT F: SECTION 7 UNDERGROUND FITTINGS**

<i>ITEM NO.</i>	ASPA WHSE NO.	DESCRIPTION	U/M	REQ.QTY	PRIMARY CAT NO	UNIT PRICE	EXTENDED COST
<i>1</i>	66932142	BUSHING INSERT	EA	25	1601A4		
<i>2</i>	65500404	CABLE ADAPTERS 4/0 CU	EA	60	ELASTI 655CA-J		
<i>3</i>	66940101	CAP 15KV INSULATED	EA	50	160 DRG		
<i>4</i>	<b>35270600</b>	<b>CONNECTION PLUGS, 35KV, 600 AMPS</b>	<b>EA</b>	<b>20</b>			
<i>5</i>	66934061	ELBOW 15KV 200 AMP 4/0 WITH TEST POINT	EA	50	166LR-D-5270		
<i>6</i>	80001634	JUNCTION,4-WAY."STAINLESS STEEL"	EA	30	J164J4BX ELASTI		
<i>7</i>	66912110	RISER TERMINATION 15KV FOR 1/0SOL/AL	EA	20	PCT2-230-1/0		
						<b>TOTAL</b>	<b>\$</b>

**ATTACHMENT F: SECTION 8 WOODEN POWER POLES**

**WOODEN POWER POLES**

<b>ITEM NO.</b>	<b>ASPA WHSE NO.</b>	<b>DESCRIPTION</b>	<b>U/M</b>	<b>REQ.QTY</b>	<b>CAT/SPECS</b>	<b>UNIT PRICE</b>	<b>EXTENDED COST</b>
<i>1</i>	48304611	POLE WOODEN 30' CLASS 4	EA	125	SYP (CCA) /DF CL4 30' ACZA TREATED		
<i>2</i>	48404611	POLES WOODEN 40FT CLASS 1	EA	50	SYP (CCA) /DF CL1 40' ACZA TREATED		
<i>3</i>	48453611	POLE WOODEN 45FT CLASS 1	EA	50	SYP (CCA) /DF CL1 45' ACZA TREATED		
<i>4</i>	48553611	POLE WOODEN 55FT CLASS 1	EA	10	SYP (CCA) /DF CL1 55' ACZA TREATED		
<b>TOTAL</b>						<b>\$</b>	

**AMERICAN SAMOA POWER AUTHORITY  
REVISED POWER POLE SPECIFICATION:**

**GENERAL:**

Poles shall conform to RUS/REA specifications 1728f-700 and 1728h-702, latest revision. All poles shall conform to the specifications of Class 4 for 30 ft poles and Class 1 for 40ft, 45ft, and 55ft poles.

**SPECIES:**

Base quotations shall be submitted on Southern Yellow Pine, full pressure treated with CCA. An alternative quotation will be accepted for Douglas fir poles ACZA or an alternative EPA approved preservative.

**TREATMENT:**

Douglas fir poles shall be full pressure treated with ACZA to a net minimum of 0.90 PCF. Refer to paragraph 7.4.1 of Bulletin 1728f-700 regarding the holding of poles in the treatment plant for a minimum of 30 days after treatment.

Alternatively

Douglas fir poles shall be treated with Pentachlorophenol preservative and shall contain not less than 95% chlorinated phenols and shall conform to AWPA standard P8 when analyzed in accordance with AWPA standards A5 or A9. Refer to paragraph 7.2 of Bulletin

**INSPECTION:**

All poles shall be manufactured and treated in accordance with NRECA wood Quality control (WQC) program, and shall bear the WQC stamp after treatment. All poles shall be independently inspected after treatment and certified to comply with the specification.

**ROOFING AND FRAMING:**

All poles shall be roofed and framed per the RUS M20 Drilling Guide.