



**American Samoa Power Authority**

P.O. Box PPB  
Pago Pago, American Samoa 96799  
Telephone: (684) 699-3057  
Email: [bids@aspower.com](mailto:bids@aspower.com) & Website: [www.aspower.com](http://www.aspower.com)



ISSUANCE DATE: August 17, 2020  
RFQ NO.: RFP No. ASPA20.042 East Side Village Package V Phase II REBID  
SUBJECT: Addendum No. 1

The American Samoa Power Authority hereby issues Addendum No. 1 to amend Request for Proposals (RFP) requirements. This addendum is issued pursuant to the conditions of the RFP documents and is hereby made part of the RFP. The addendum serves to clarify, revise, and supersede information contained in the RFP. The Offeror must acknowledge receipt of this addendum in the appropriate space provided in the Addendum Form. Failure to do so may subject the Offeror to disqualification.

- 1. The following are responses/queries that were received and posted as Addendum(s) 1-5 during the first bid of this project (ASPA19.045). They are hereby incorporated into ASPA20.042 through this Addendum #1:

Q1. BOQ not showing any item for Total Petroleum Hydrocarbon (TPH) works, however specifications detailed works associated with TPH. Please provide clarification as to how this is to be included within the provided breakdown.
Response: <i>Refer to SOW Section 5. All cost for everything necessary for the prosecution and completion of the requirements of this section shall be considered incidental to the construction and shall be included in the costs of other items of the work involved in the project.</i>
Q2. The issued shoreline protection drawings do not appear complete. Please provide drawings T.1 C.3-C.8, C.10-C.11 as detailed in the index of the drawings
Response: <i>Provided drawings are intended to show the design and specifications of the sea wall protection only.</i>
Q3. Please provide details of retaining wall in shoreline embankment as referenced on drawing C9.
Response: <i>Refer to attached details at the end of this document</i>
Q4. Please confirm defects liability period and advance payment %.
Response: <i>The defects liability period shall be one year from the completion date. ASPA will not consider any bids that require 100% advance payment.</i>
Q5. Would the client be willing to consider an alternate period, or is there a client constraint on the completion date?
Response: <i>Construction period is 500 calendar days</i>
Q6. Please confirm the procurement model of the contract. i.e., fixed price lump sum/remesurable. The documents appear to be tailored to suit a fixed price lump sum, however there are referenced to unit rates which makes it ambiguous.
Response: <i>This contract will be paid by the unit rate and not a lump sum</i>
Q7. We note that the proposed form of Contract was not provided. Please provide the form of Contract.
Response: <i>A standard form of contract will be provided only after the bid has been awarded.</i>
Q8. Please confirm the bonding requirements for the project.
Response: <i>Please see Attachment(s) F and H. ASPA will not be requiring a Circular 570 for this project.</i>
Q9. Would the client be willing to accept a bond in lieu of cash retentions.
Response: <i>Bond is acceptable in lieu of 20% cash retentions. Bond must be acceptable to ASPA.</i>
Q10. Just looking into Phase 2 and note the requirement for the camera survey on the new lines. Can you

please advise on ASPA's rates for this so can factor it in?
Response: <i>ASPA won't be able to do this job that's why Section 25 of the SOW requires the contractor to purchase the equipment</i>
Q11. The scope refers to CCTV inspection for both the laterals and gravity main line but there's no reference in there for purchasing the equipment of specific model numbers. Are ASPA able to carry out the CCTV survey on these lines with the equipment and trained personnel they have on island or is the expectation that the contractor purchase these themselves.
Response: <i>Model number of the machine is specified for your reference. This machine is equipped with CCTV</i>
Q12. The issued drawings shows shoreline protection length as, Lift Station 4 – 36.13', Lift Station 5 – 52' Client BOQ shows total length of 300'. Please confirm which is correct and locations of the shoreline protection.
Response: <i>Total length shall not exceed the BOQ = 300'</i>
Q13. Client BOQ quantities are considerably higher than the actual drawing quantities. Number of man holes shown on drawings is 96 compared to BOQ at 125 no, 8: dia pipe shown on drawings is 11,463 ft compared to BOQ at 13,960 ft. Please confirm how to proceed as the difference is significant in terms of meeting the required construction duration.
Response: <i>Total number of manholes is 100 and 8 inch diameter pipe is 11,500 ft.</i>
Q14. BOQ item 10.2 – asphalt overlay only = 3000 SY. Please confirm the areas related to this item.
Response: <i>Approximate location will be from Aua to Onesosopo with a full lane to be resurfaced. Contractor is responsible for areas damaged outside of this scope.</i>
Q15. Please confirm the type of line markings required (water based paint or thermos plastic paint including primer) and quantity of each type and locations?
Response: <i>Thermoplastic paint or as per DPW standard specifications</i>
Q16. Our control panel manufacturer cannot get a NEMA 6P duplex control panel in the size specified that is UL rated. Can we propose alternative NEMA 4x in place of NEMA 6P?
Response: <i>NEMA 4x is acceptable.</i>
Q17. Drawing C-079 is crossed out in red despite the plans referring to this shed. Do we allow for the shed shown for electrical panel shed details 1 to 4?
Response: <i>C-079 electric shed design is superseded by Electrical Panel Shed Details 1 to 4</i>
Q18. Please confirm the pipe sizes through each Lift Station. There seems to be conflicting references to both 4" and 6"
Response: <ul style="list-style-type: none"> <li>• <i>Sewer Force Main No. 4 (from LS #4 to SMH #35) = 6" dia HDPE/DI</i></li> <li>• <i>Sewer Force Main No. 5 (from LS #5 to SMH #46) = 6" dia HDPE</i></li> <li>• <i>Sewer Force Main No. 6 (from LS #6 to SMH #54) = 4" dia HDPE</i></li> </ul>
Q19. Are there any pipe schematics to go with these tender documents?
Response: <i>All pipe design are included in the drawings</i>
Q20. Please confirm that Lift Station #6 is NOT in the SOW?
Response: <i>Section 10 of SOW only requires complete system startup, testing and commissioning for LS #6</i>
Q21. SOW includes LS 6: Complete system startup, testing, and training- being as this was installed in a previous stage, confirm what the status of this install is and confirm that any defects/issues will be rectified by contractor that installed unit?
Response: <ul style="list-style-type: none"> <li>• <i>LS 6 startup testing and commissioning included in this phase is after connecting the force main and lift station</i></li> <li>• <i>LS 6 is well tested and commissioned with the exception of the forcemain. Any defects/issues will be rectified by contractor that installed it</i></li> </ul>
Q22. 1/16 (22-1/2°) – 6" DI Elbow: Please advise what kind of end connection is desired? 125# flange on either ends, or MJ x MJ?
Response: <i>DI elbow (bridge crossing) shall be FL x FL connected to DI compact fitting (FL x MJ) adapters for HDPE-DI Pipe Adapters (refer to 6/C-069)</i>
Q23. Hanger support frame short type: Is this the correct detail? Hanger support frame long type: Is this the correct detail?

Response: <i>We have 2 design options for hanger support frame, short &amp; long. Exact dimensions can't be verified because it is dependent on the actual location of the forcemain. For uniformity of costing, use long type frame dimension- not to exceed 1"-4"</i>
Q24. Please clarify what the shore protection is – tribars as shown on DPW typical sections or armour rock as noted on the drawings?
Response: <i>Either option is acceptable, it is up to the contractor which one to use.</i>
Q25. On LS #4 and #5, is there a construction of tri bars involved aside from the concrete retaining wall?
Response: Yes, revetment is required. Use DPW standard design for armour rock or tri-bar, whichever is more economical
Q26. Dwg C-043 shows SFM4 line disconnected from the rest of the line. Is this an AutoCAD error? Dwg C-044 shows SFM4 line disconnected from the rest of the line. Is this an AutoCAD error? Dwg C-038 shows SFM6 line disconnected from the rest of the line. Dwg C-037 shows SFM6 line disconnected from the rest of the line. Are these AutoCAD errors? SFM lines typically are disconnected on the main line runs. Is this an AutoCAD error?
Response: <i>Yes, autocad plotting error. Sewer main force shall be connected as follows:</i> <ul style="list-style-type: none"> <li>• <i>Sewer Force Main No. 4 (from LS #4 to SMH #35)</i></li> <li>• <i>Sewer Force Main No. 5 (from LS #5 to SMH #46)</i></li> <li>• <i>Sewer Force Main No. 6 (from LS #6 to SMH #54)</i></li> </ul>
Q27. ARV – A.R.I D-025: Size not specified. We will quote 2' combination air release valve for wastewater. Please confirm.
Response: <i>Refer to C-078 Valve vault assembly part list no. 17 = size 2"</i>
Q28. Ball valve (for ARV): what kind of material is desired for the ball valve? Is bronze/brass acceptable? Or need to be 316 stainless steel?
Response: <i>Needs to be 316 stainless steel</i>
Q29. Can contaminated groundwater found on site be discharged and treated at the Utulei WWTP?
Response: <i>No, it cannot. Contractor is responsible for treating the soil before disposing it.</i>
Q30. PACKAGE SEWER LIFT STATION <ol style="list-style-type: none"> <li>1. Pig launch detail drawing C-077; details 6" pipework and valves. Flow meter &amp; valve vault detail drawing C-078; details 4" flow meter, DJ &amp; pipework. The adjacent valve vault details mostly 4" valves and pipework. References 6" ISO-rings and 6" pipe stands. The check valve states 4" but '506A' is a 6" model number. Please clarify.</li> <li>2. Wet well assembly drawings C-074&amp;5; details 4" discharge pipework and fittings. Appears to be a 4" x 6" reducer between flow meter pit &amp; pig launcher pits. The 2 x 4" pipes from the lift well go into the valve vault and comes out as 6" and continues on to the pig launcher. The out pipe from the valve vault may be wrongly detailed as 4". Please clarify.</li> <li>3. 6" NB DI pipe spool flanged both ends x 18'-3" and 6" NB DI pipe spool flanged both ends x 3': please confirm that NB stands "nominal bore"?</li> <li>4. 6" DI-DI Dress Set: What is this item? Is it flexible ductile iron coupling? Please advise.</li> <li>5. 6" DI-PE dress set: what is this item? Is it flexible ductile iron coupling? What does PE stand for? Does this mean HDPE pipe? If yes, then advise DR? Also, is it IPS size HDPE or DIPS size HDPE?</li> <li>6. 6" reduced tee on branch all flanged: you have asked to quote "6 inch reduced tee". If so, what is the run size? Ex- 8" (run) x 8" (run) x 6" (branch) reducing tee, or 10" x 10" x 6" reducing tee. Please clarify. Or, this is 6"x6" equal flanged tee (ductile iron)?</li> </ol>
Response: <i>The equipment and system described in the plan is based on packaged lift stations manufactured and furnished by Romtec Utilities, and shows minimum requirements only. Actual pipe fittings and all other appurtenances fit out from wet well to pig launch may vary depending on the manufacturer's design and specification. Bidder shall select their own manufacturer that can meet the requirements under section 33 32 13.13 PACKAGED SEWAGE LIFT STATIONS, WET WELL TYPE</i> <i>-Actual package lift station design, fabrication and installation drawings shall be signed and sealed by the manufacturer's licensed P.E. in accordance with the design requirements stipulated in the technical specifications.</i>
Q31. TOTAL PETROLEUM HYDROCARBON (TPH) Contingency Plan <ol style="list-style-type: none"> <li>1. Could a quantity of contaminated soil to be treated, please be stated so that all bidders can provide a lump sum price for ease of evaluation of bids. Can we then provide a rate for treatment if this</li> </ol>

- quantity is exceeded?
2. Could a quantity of contaminated groundwater to be treated, please be stated so that all bidders can provide a lump sum price for ease of evaluation bids. Can we then provide a rate for treatment if this quantity is exceeded?
  3. BOA not showing any item for Total Petroleum Hydrocarbon (TPH) works, however specifications detailed works associated with TPH. Please provide clarification as to how this is to be included within the provided breakdown.
  4. Questions and scope have confirmed that Hydrocarbon contamination is contractor risk. However, the spec section 02 61 13, 1.1 states that contractor will be reimbursed. Please clarify.

**Response:** *Refer to revised bid form item no. 12 The work consists of excavation, documentation, sampling, temporary storage and treatment of an unknown amount of cubic yards of contaminated material in accordance with Section of the SOW, SECTION 01 35 45.00 10 CHEMICAL DATA QUALITY CONTROL, SECTION 02 61 13 TOTAL PETROLEUM HYDROCARBON (TPH) CONTINGENCY PLAN*

*--Sampling and measurement to confirm actual extent of contamination shall be in accordance with the requirements of SECTION 01 35 45.00 10 CHEMICAL DATA QUALITY CONTROL. Unconfirmed soil and water shall not be permitted to deliver to the temporary storage and will not be paid by ASPA.*

*--Measurement of contaminated soil shall be in linear feet (LF) regardless of volume and depth of trench. Contractor shall be paid with the applicable unit price tendered not to exceed amount for the actual quantity incorporated in or removed from the work and such quantities must be supported by field measurement statements verified and signed by ASPA representative and all reports required by the specifications. Signed statement shall be included as an attachment to pay application request.*

Should you have any questions or need clarification, please call me at (684) 699-3057 or [procurement@aspower.com](mailto:procurement@aspower.com).

Sincerely,



Renee Leotele Togafau Mata'utia  
Procurement Manager

Please sign and date below to acknowledge receiving Addendum 1. You may return this document via email at [bids@aspower.com](mailto:bids@aspower.com) or [procurement@aspower.com](mailto:procurement@aspower.com), or the ASPA Procurement Office.

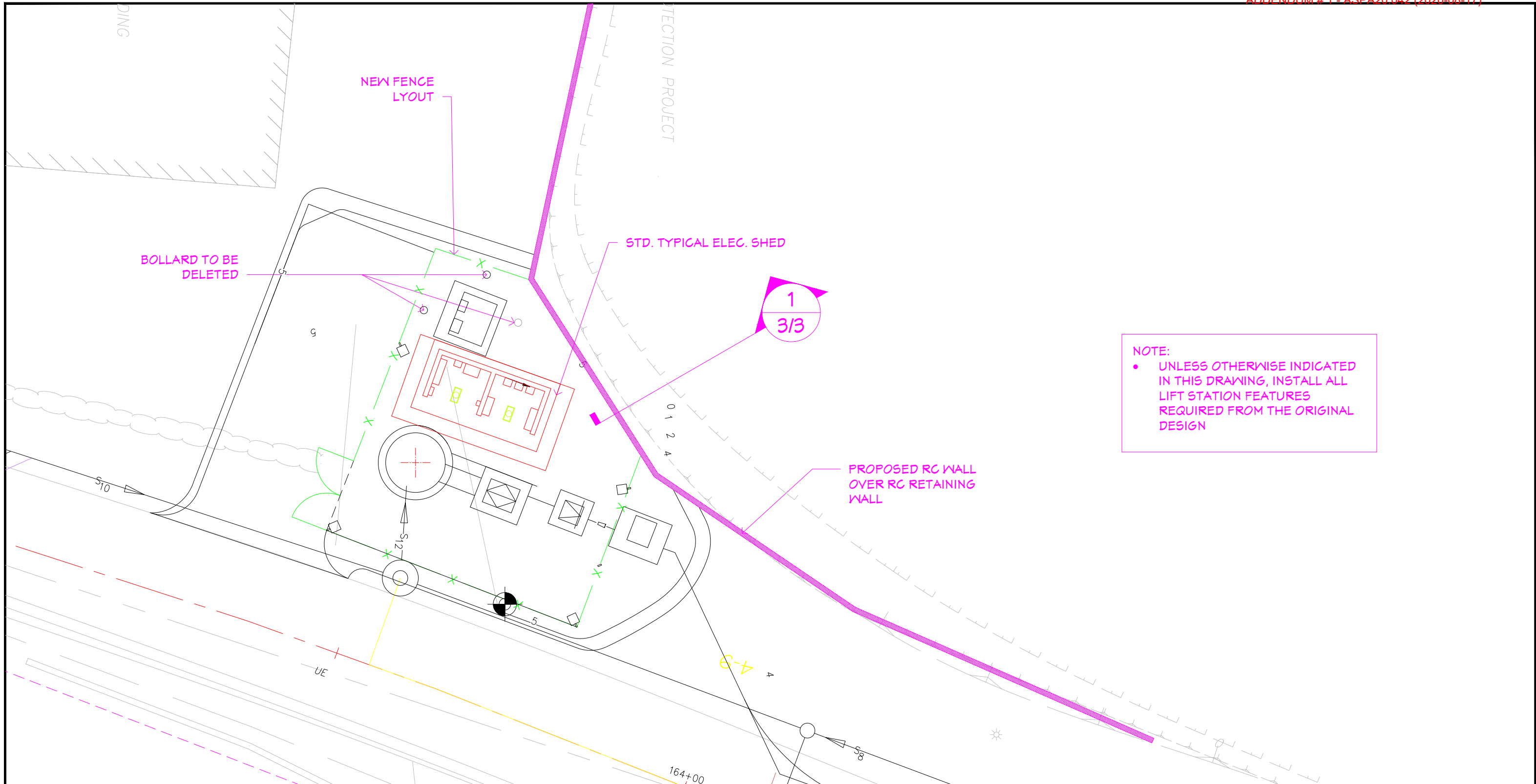
---

**ACKNOWLEDGEMENT OF RECEIVING ADDENDUM 1**

Received by \_\_\_\_\_, this \_\_\_\_\_ day of August 2020.

Company \_\_\_\_\_ Title \_\_\_\_\_

Fax No. \_\_\_\_\_ Email Address \_\_\_\_\_



**NOTE:**

- UNLESS OTHERWISE INDICATED IN THIS DRAWING, INSTALL ALL LIFT STATION FEATURES REQUIRED FROM THE ORIGINAL DESIGN

1  
3/3

DATE PLOTTED: Tuesday, December 17, 2019 11:42:02 AM



PREPARED BY:  
**EDMON LACAULAN**  
ESD-ENGINEER 1

CHECKED BY:  
**FIDEL AGUILA**  
ESD-SENIOR ENGINEER

APPROVED BY:  
**WILLIAM SPITZENBERG, P.E.**  
ESD-MANAGER

ISSUE FOR:  
**FOR CONSTRUCTION**



**AMERICAN SAMOA POWER AUTHORITY**  
ENVIRONMENTAL SERVICES DIVISION  
ENGINEERING DEPARTMENT  
P.O. BOX PPB, PAGO PAGO  
AMERICAN SAMOA 96799  
PH:(684)699-7199  
[www.aspower.com](http://www.aspower.com)

PROJECT NAME:  
**ESV PACKAGE 5 PHASE 2**

DRAWING TITLE:  
**LIFT STATION # 4\_NEW FENCE\_LAYOUT**

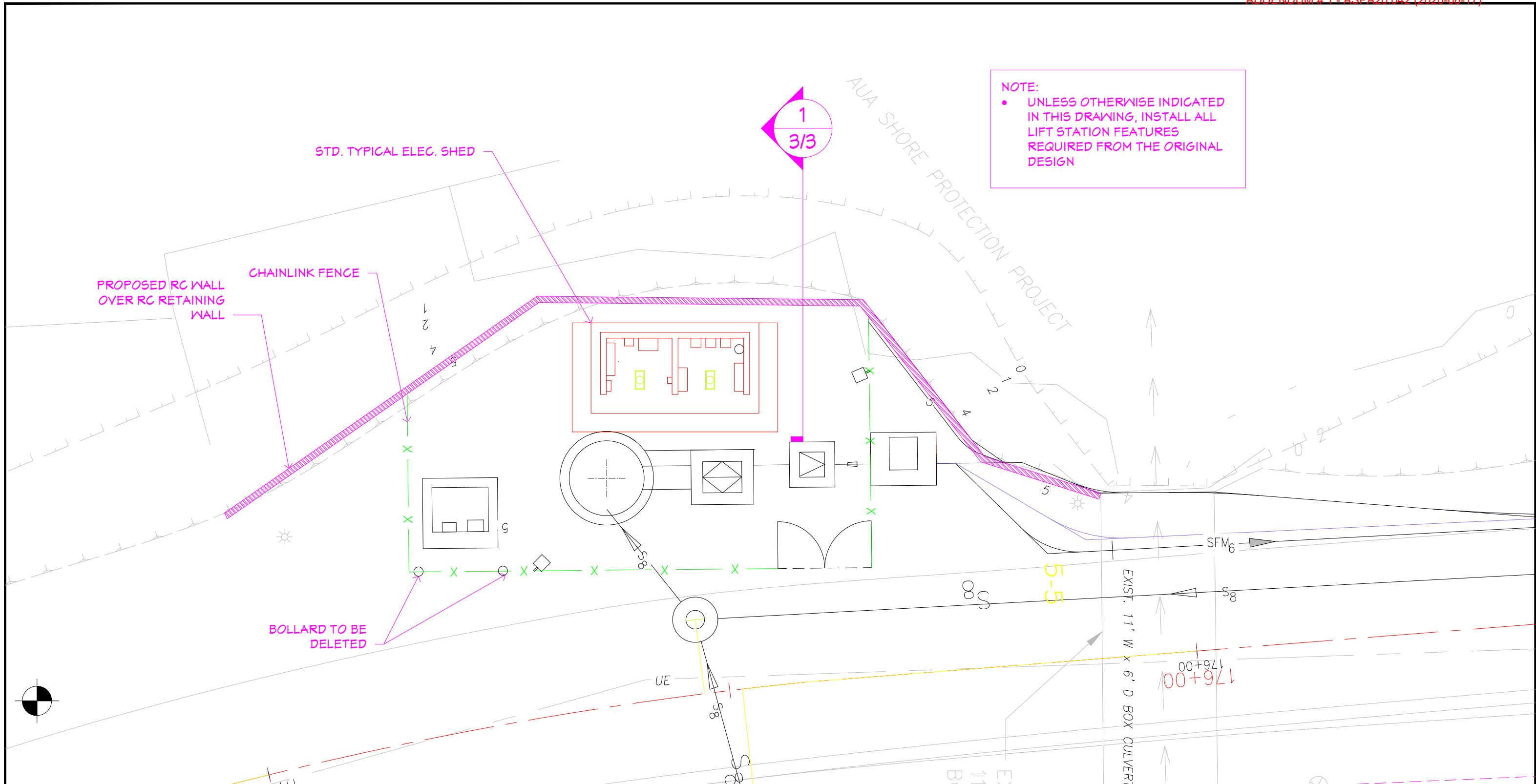
PROJECT LOCATION:  
**TAFUNA, AS 96799**

REVISION HISTORY:			
NO.	DATE	DETAILS OF REVISION	REVISED BY
1	12/17/2019 11:40 AM	----	ED

SCALE:  
**AS SHOWN**

PROJECT #:  
**12340**

SHEET NO.  
**1 OF 3**



DATE PLOTTED: Tuesday, December 17, 2019 11:42:04 AM



PREPARED BY:  
**EDMON LACAULAN**  
ESD-ENGINEER 1

CHECKED BY:  
**FIDEL AGUILA**  
ESD-SENIOR ENGINEER

APPROVED BY:  
**WILLIAM SPITZENBERG, P.E.**  
ESD-MANAGER

ISSUE FOR:  
**FOR CONSTRUCTION**



**AMERICAN SAMOA POWER AUTHORITY**  
ENVIRONMENTAL SERVICES DIVISION  
ENGINEERING DEPARTMENT  
P.O. BOX PPB, PAGO PAGO  
AMERICAN SAMOA 96799  
PH:(684)699-7199  
[www.aspower.com](http://www.aspower.com)

PROJECT NAME:  
**ESV PACKAGE 5 PHASE 2**

DRAWING TITLE:  
**LIFT STATION # 5\_NEW FENCE\_LAYOUT**

PROJECT LOCATION:  
**TAFUNA, AS 96799**

REVISION HISTORY:			
NO.	DATE	DETAILS OF REVISION	REVISED BY
1	12/17/2019 11:40 AM	----	ED

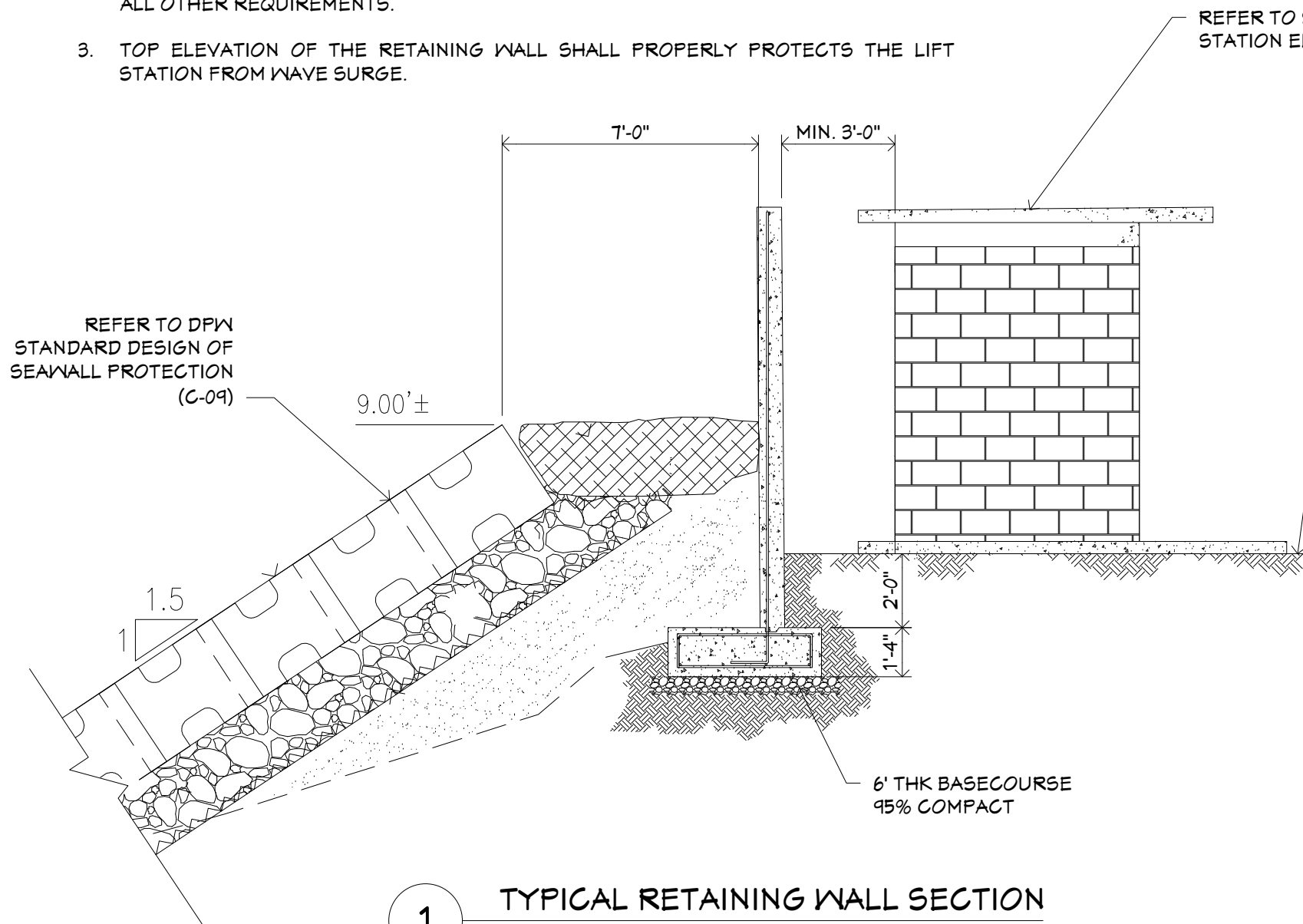
SCALE:  
**AS SHOWN**

PROJECT #:  
**12340**

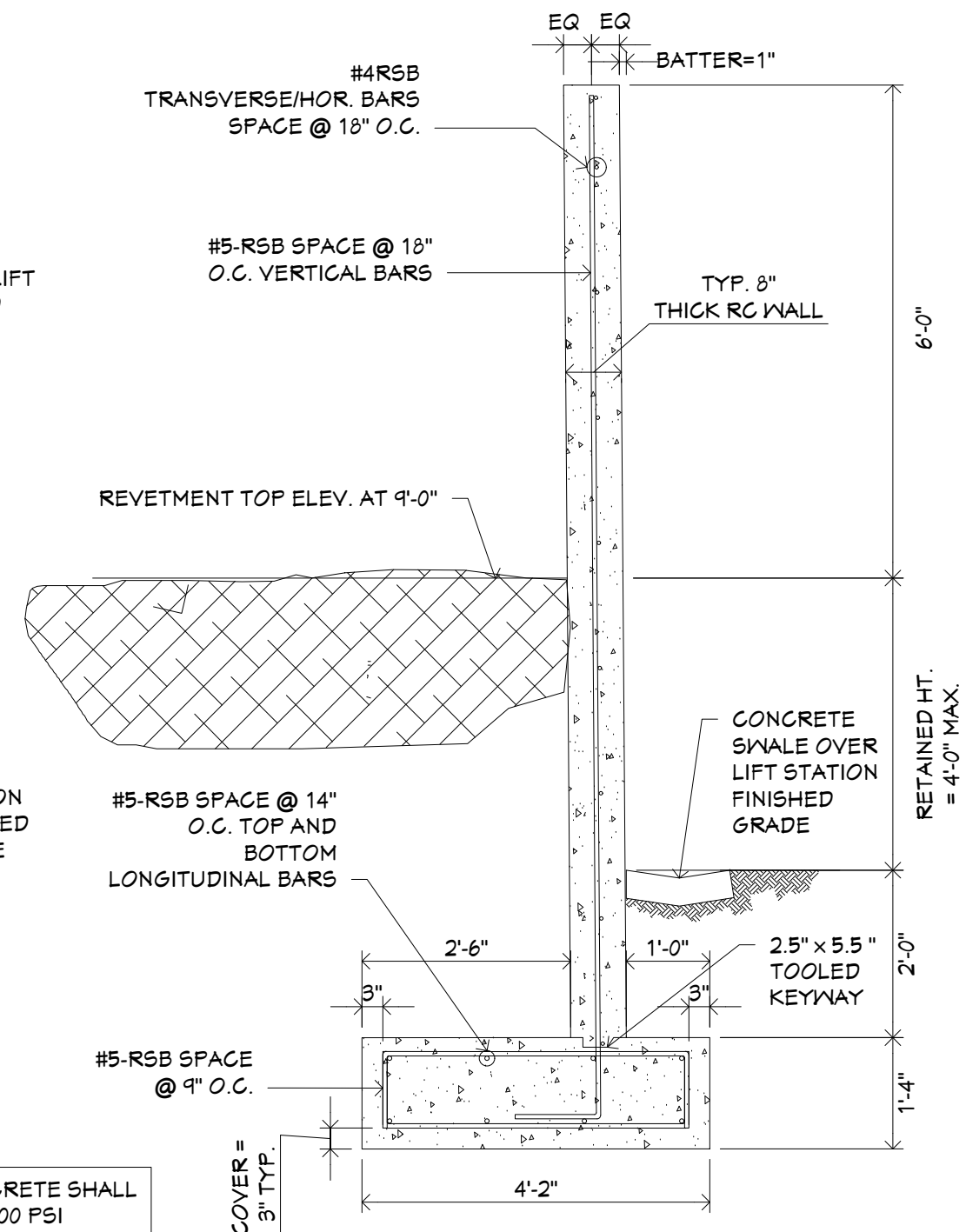
SHEET NO.  
**2 OF 3**

**NOTES:**

1. INSTALLATION OF NEW TRIBAR REVETMENT, EMBANKMENT, RETAINING WALL, INSTALLATION OF CATCH BASINS AND DRAIN PIPE OUTLETS AND OTHER AS REQUIRED SHALL CONFORM WITH DPW STANDARD DESIGN.
2. THE CONTRACTOR SHALL COORDINATE WITH DPW FOR ALL NECESSARY DESIGN DETAILS OR SPECIFICATIONS, ALLOWABLE SITE SPECIFIC LOCATION/BOUNDARY, SURVEY AND PROPOSED LOCATION OF TIE-IN POINT (FOR FUTURE EXPANSION) AND ALL OTHER REQUIREMENTS.
3. TOP ELEVATION OF THE RETAINING WALL SHALL PROPERLY PROTECTS THE LIFT STATION FROM WAVE SURGE.



**1 TYPICAL RETAINING WALL SECTION**  
Scale: NTS



**2 TYPICAL RETAINING WALL DETAILS**  
Scale: NTS



PREPARED BY:  
**EDMON LACAULAN**  
ESD-ENGINEER 1

CHECKED BY:  
**FIDEL AGUILA**  
ESD-SENIOR ENGINEER

APPROVED BY:  
**WILLIAM SPITZENBERG, P.E.**  
ESD-MANAGER

ISSUE FOR:  
**FOR CONSTRUCTION**



**AMERICAN SAMOA POWER AUTHORITY**  
ENVIRONMENTAL SERVICES DIVISION  
ENGINEERING DEPARTMENT  
P.O. BOX PPB, PAGO PAGO  
AMERICAN SAMOA 96799  
PH:(684)699-7199  
www.aspower.com

PROJECT NAME:  
**ESV PACAKGE 5 PHASE 2**

DRAWING TITLE:  
**RETAININGE WALL DETAILS**

PROJECT LOCATION:  
**TAFUNA, AS 96799**

REVISION HISTORY:			
NO.	DATE	DETAILS OF REVISION	REVISED BY
1	12/16/2019	Include LS layout on RW details, show section of wall - refer to LS#4 & LS#5 FENCE LAYOUT	F.A.
2	12/16/2019	Rebar cover should be 3 inch min. - Need to call out 8" wall thickness in drawing. - Need to call out max height of RW.	W.S.

SCALE:  
**AS SHOWN**

PROJECT #:  
**12340**

SHEET NO.  
**3 OF 3**

DATE PLOTTED: Tuesday, December 17, 2019 11:42:10 AM

ATTACHMENT M  
**ITEMIZED COST PROPOSAL "BID FORM"**

The undersigned, in compliance with this Request for proposal for the construction of the project "*East Side Village Wastewater Collection System, Package 5 Phase-II*" having examined the Contract Documents, the site of the proposed Work and being familiar with all the conditions surrounding construction of the proposed project, having conducted all inquiries, tests and investigations deemed necessary and proper; hereby proposes to furnish all labor, permits, material, machinery, tools, supplies, equipment and incidentals, and to perform all Work required for construction of the project in strict accordance with the General Conditions, General requirements, Technical provisions, Specifications, Design and Construction Plans, Scope of Works within the time indicated for the following prices of:

Bid Item No.	Item Description	Ref.	Unit	Estimated Qty.	Unit Price	Extended Amount
1.0	MOBILIZATION/DEMOBILIZATION (5% max)	Sec. 2	LS	1		
2.0	Potholing	Sec. 4	LS	1		
<b>3.0</b>	<b>Sanitary Sewer - Gravity Laterals</b>					
3.1	4 " Ø PVC Pipe Laterals	Sec. 6	LF	10,290		
3.2	6 " Ø PVC Pipe Laterals	Sec. 6	LF	13,700		
<b>4.0</b>	<b>Sanitary Sewer - Gravity Main</b>					
4.1	8 " Ø PVC Pipe Main	Sec. 7	LF	11,500		
4.2	8 " Ø HDPE Pipe Main	Sec. 7	LF	2,500		
4.3	10 " Ø PVC Pipe Main	Sec. 7	LF	850		
4.4	12 " Ø PVC Pipe Main	Sec. 7	LF	30		
<b>5.0</b>	<b>Sanitary Sewer - Forcemain</b>					
5.1	4" Ø HDPE Main	Sec. 8	LF	1,510		
5.2	6" Ø HDPE Main	Sec. 8	LF	2,052		
5.3	6" Ø DI Pipe Main	Sec. 8	LF	70		
6.0	Sanitary Sewer Manholes	Sec. 9	EA	100		
<b>7.0</b>	<b>SEWAGE LIFT STATIONS</b>					
7.1	Package Lift Station #4	Sec. 10	LS	1		
7.2	Package Lift Station #5	Sec. 10	LS	1		
8.0	Chainlink Fence and gate	Sec. 11	LF	500		
9.0	Sewer Service Lateral Connections to individual housing units	Sec. 12	EA	300		
<b>10.0</b>	<b>Restoration</b>					
10.1	Asphalt Pavement Restoration	Sec. 13	SY	7,000		
10.2	Asphalt Overlay Only	Sec. 13	SY	3,000		
10.3	Concrete Pavement Restoration	Sec. 13	SY	4,000		
<b>11.0</b>	<b>Shoreline Protection</b>	Sec. 14	LF	300		
<b>12.0</b>	<b>Total Petroleum Hydrocarbon (TPH) Contingency Plan</b>	Addendum	LF	500		
<b>TOTAL BASE BID</b>						

Total base Bid: \_\_\_\_\_

(Amount in words)

\_\_\_\_\_  
 Name of Company

\_\_\_\_\_  
 Authorized Signature Over Printed name

\_\_\_\_\_  
 Date

Signed Seal