



**REQUEST FOR QUOTATION: MINOR GENERAL  
SERVICES**



**>SAM-EPC 11/2024 "PROCUREMENT OF SCADA SERVERS AND WORKSTATIONS" <**

**REQUEST FOR QUOTATION BID NO: SAMEPC 11/2024**

**CLOSING DATE & TIME: 01 October 2024  
10Am, LEVEL 5, EPC CONFERENCE ROOM,  
TATTE BUILDING**

**PROCURING ENTITY: ELECTRIC POWER CORPORATION**

## Section 1 – Letter of Invitation

A. The General Manager on behalf of the Electric Power Corporation through the Government of the Independent State of Samoa (“the Principal”) invites quotes from interested suppliers for the **“Procurement of SCADA SERVERS AND WORKSTATIONS”**.

B. This Request for Quotes includes the following Documents

- (i) PART 1 - Letter of Invitation for Bid
- (ii) PART 2 - Instruction to Bidders
- (iii) PART 3 - Request for Quotations
- (iv) PART 4 A & B - General Conditions of Contract and Special Conditions of Contract
- (V) PART 5 - Scope of Services and Delivery Schedule

C. All bids must observe the Bidding Process and Specification(s), it is also necessary for all Bidders to peruse the Terms and Conditions of the Contract.

D. For enquiries and the inspection of the bidding documents, bidders should contact the following personnel at the address given below from 9.00am to 5.00pm on normal working days:

Asolima Leapai  
Electric Power Corporation  
Apia  
Samoa  
Phone: 685 65551  
Email: [leapaia@epc.ws](mailto:leapaia@epc.ws)

E. Tender will close on ***Tuesday 01<sup>st</sup> October 2024, 10:00am***. All Bids must be deposited in the Tender Box located at EPC, Level 5, TATTE Building Sogi, Apia, Samoa no later than ***Tuesday 01<sup>st</sup> October 2024, 10:00am***.

F. All Bids must be delivered in a sealed envelope at the address provided and marked as follow:

***“Tender No. SAM-EPC 11/2024-PROCUREMENT OF SCADA SERVERS AND WORKSTATIONS”***

The General Manager  
Electric Power Corporation  
Level 5, TATTE Building  
Apia  
**SAMOA**

G. Bids will be opened immediately after the deadline in the presence of bidders’ representatives who choose to attend.

- H. Late Bids will not be considered and will be returned unopened.
- I. The lowest bidder is not necessarily going to win.
- J. EPC reserves the right to reject any or all bids.
- K. The Electric Power Corporation shall not be responsible for any costs or expenses incurred by the bidders in connection with the preparation or delivery of bids.

Fesola'I Faumui T Iese Toimoana  
**GENERAL MANAGER**  
**ELECTRIC POWER CORPORATION**

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## PART 1: Instructions to Bidders

### 1. Scope

- (a) the Principal is the Government of the Independent State of Samoa, represented by (*Electric Power Corporation*)
- (b) the Supervisor is the Supervising Technical Entity representative stated on the Request for Quotation

### 2. Bidder Eligibility

- (a) the **Bidder** shall be a bona fide small business known by the Principal to be suitably qualified, experienced and financially resourced
- (b) provide an authenticated/certified copy of its currently valid Ministry of Revenue **BUSINESS LICENSE or Certificate of Incorporation.**
- (c) provide an authenticated/certified copy of its current VAGST **Certificate** from the Ministry of Revenue.
- (d) Sign the Quotation and accept a Purchase Order. (N/A)

The Principal reserves all rights to reject any or all quotations submitted and request for other quotations.

### 3. Bidder Qualification - the contracting firm shall provide :

- (a) A **LIST OF CONTRACTS/SERVICES OF A SIMILAR NATURE & value** that it satisfactorily completed within the last two years – these services shall have an annual average value of SAT\$ **25 000 or more.**
- (b) A **BANK STATEMENT in the name of the contracting firm for the immediately past three months.**
- (c) References & contact details of past, present and current clients who can attest to good character & reliability.
- (d) Detailed work plan or delivery program detailing stages of the services or work from its commencement to its completion.

### 4. Responding to the Request for Quotation

- (a) the Bidder shall take care to comprehend applicable work specifications, OHS instructions & activity schedule work items.
- (b) the Services Provider shall enter Work Item unit prices, extended prices and total price on the Request for Quotation form.
- (c) in submitting its quotation, the Services Provider shall conform to the stated provisions for quotation validity, completion period, and defects liability period & performance security. All proposed variations from stated conditions shall be justified in a covering letter.
- (d) The Bidder is responsible for providing a complete and correct quotation. An incomplete quotation may be grounds to reject any quotation submitted.

### 5. Quotation Price:

- (a) all prices shall be quoted in Samoan Tala (SAT), New Zealand Dollars (NZD), Australian Dollars (AUD) or United State Dollars (USD). Bid quoted in currency other than Samoan Tala may be converted into Samoan Tala for payment purposes.

- (b) prices shall be fixed for the duration of the specified completion period.
- (c) Unless the service(s) are exempted from VAGST, pursuant to the VAGST Act 2015, the total quoted price shall be inclusive of VAGST and any relevant tax.

### 6. Site Inspection

- (a) no site inspection required.

### 7. Bid Security

- (a) a Bid Security is not required.
- (b) the Bid shall be valid for the period identified in the Request for Quotation.
- (c) a Bidder who, without good cause, withdraws during the period of quotation validity, or does not accept corrections of errors, or fails to accept the Purchase Order if offered or fails to produce the Performance Security (if required) will be excluded from participating in Request for Quotation process for one year.

### 8. Quotation Submission

- (a) Bidders shall submit only one quotation
- (b) quotations shall be submitted to the **General Manager, Electric Power Corporation, Level 5 TATTE Building, Sogi** no later than the specified time & date.
- (c) late quotation will not be considered and shall be returned to the Bidder unopened. However, the Principal reserves the right to retain and open late quotation if the number of quotations received is less than three (3).

### 9. Quotation Opening

- (a) the opening of quotations will be undertaken by officers of the Principal & representatives of the concerned ministry or corporation.
- (b) the opening of the quotation shall be opened to interested members of the public to attend.
- (c) the results of the quotation evaluation shall be available on request, denoting only the successful Bidder.

### 10. Quotation Evaluation & Contract Award

- (a) quotations shall be evaluated to establish substantial responsiveness to eligibility & qualification requirements, specified technical schedules, commercial conditions and instructions to Bidders.
- (b) the bidder found to be substantially responsive after the evaluation shall be awarded the contract. The abider then becomes the Successful Bidder.
- (c) after arithmetical checking and correction, the quotation of the Bidder found to be substantially responsive shall be evaluated for lowest price, which shall be the basis of award.
- (d) award notification shall be effected by the Principal issuing the Letter of Award (see Part B) to the most substantially responsive bidder.
- (e) Once the letter of Award is signed by both parties the:
  - i. Request for Quotation at Part 3; and
  - ii. The General and Special Conditions at Part 4; and

- iii. Services specification, OHS Instruction and Action Scheduled work times at Part 4;

Shall be the terms and conditions which will govern the implementation of the Service. The Principal shall be termed the 'Employer' and the most substantially responsive bidder shall be termed the 'Contractor'.

- (f) Notwithstanding the above, the Principal reserves the right to accept or reject any quotations, or to cancel the quotation process at any time prior to the award.

**11. Performance Security-N/A**

- (a) Performance security shall be 5% of the Contract price.
- (b) if a Performance Security is required, the Principal shall issue a Letter of Acceptance which shall serve as notification of award.
- (c) the Bidder shall provide a Performance Security within seven days, in the amount specified in the Request for Quotation.

**12. Insurance**

- (a) the Bidder will bear all risks before the works and within the agreed completion period.
- (b) accordingly, the Bidder shall arrange appropriate insurance cover

**13. Inspection & Completion**

- (a) the Bidder shall ensure that all Services and supply of materials are completed within the agreed Completion Period, without exceeding the agreed Price and in accordance with applicable schedules & quality requirements

**14. Payment**

The Principal shall make payment to the Bidder within 30 days of receipt of a monthly Payment Certificate approved by the Supervisor.

**15. Corrupt & Fraudulent Practices**

The Principal requires that Bidders observe the highest standards of ethics during the procurement and execution of Government of Samoa contracts, to the extent that corrupt, fraudulent, collusive and coercive practices and conflict of interest occurring in quotation, delivery & completion processes may result in disqualification, termination of purchase order and penal sanctions

**Eligibility/ Qualifications Compliance**

No.	Complies? tick	No.	Complies? tick
2a		3a	
2b		3b	
2c		3c	
2d		3d	
		3e	

**PART 2: LETTER OF AWARD**

**ELECTRIC POWER CORPORATION**

**LEVEL 5, TATTE  
Sogi  
P.O BOX 2011  
Apia  
Samoa**



**phone: (+685) 65 500**

**Fax: (+685) 23 748**

>24<sup>th</sup> August 2024<

>insert the address of the Contractor<

**LETTER OF AWARD: >PROCUREMENT OF SCADA SERVERS AND WORKSTATIONS<  
RfQ: >SAMEPC 11/2024 <**

1. The Government of Samoa (the 'Employer') issued the above request for quotation on >5 May 2021< for the above works. The deadline for the request for quotation closed on >19<sup>th</sup> May 2021<. Your company (the 'Contractor'), as >insert description of the contractor< submitted a quotation on >insert date<. The evaluation of the said quotation took place on >insert date<.
2. We wish to inform that your quotation has been successful. The Employer is desirous for you, the Contractor, to perform the Minor General Services in accordance with the:
  - (a) the Request for Quotation, RfQ Ref No. >SAMEPC 03/2022.< (the 'RfQ') inclusive of Instructions to Contractors;
  - (b) General Conditions of Contract attached to the RfQ;
  - (c) Special Conditions of Contract attached to the RfQ;
  - (d) Works Specifications, OHS Instructions & Activity Schedule Work Items.
3. The Employer, acting by and through the Chief Executive Officer of the >Electric Power Corporation < now signs this letter to confirm that it accepts RfQ by the Contractor. Please sign the space indicated as confirmation of your acceptance to carry out the work in accordance with documents canvassed in paragraph 2 of this letter.

**SIGNED AND EXECUTED** by the )  
 >Fesola'i Faumui T lese Toimoana< OR ) .....  
 )

In the presence of: )

.....  
(Witness)

.....  
(Name & Designation)

**AFFIXED HERETO** is the **COMMON** )  
**SEAL** of [insert name of Contractor] .....  
 (Director)

In the presence of:

.....  
(Director/Secretary)

# PART 3: REQUEST FOR QUOTATION – PROCUREMENT OF SCADA SERVERS AND WORKSTATIONS



GOVERNMENT OF THE INDEPENDENT STATE OF SAMOA

**Employer Name** Electric Power Corporation  
**Employer Address** Level 5, TATTE Building, Sogi  
**Contact Details** \*685 65500, fax \*685 23748, epcinfo@epc.ws

## REQUEST FOR QUOTATION: SCADA Servers and Workstations

<b>RFQ NAME.</b>	PROCUREMENT OF SCADA SERVERS AND WORKSTATIONS		<b>RFQ No.</b>	SAM-EPC 11/2024
<b>TO</b>	<b>SERVICES PROVIDER NAME</b>	Electric Power Corporation		
	<b>CONTACT PERSON</b>	Asolima Leapai	<b>TELNo.</b> *685 65 5551	
	<b>OFFICE ADDRESS</b>	Level 5 – TATTE Building Sogi. Apia – Samoa		

Please provide your quotation for the following **SERVERS AND WORKSTATIONSS** by **10am – 01th October 2024**

<b>Quotation Validity</b>	<b>90 days</b>	<b>RFQ APPROVAL</b>	<b>TY11B APPROVAL</b>
<b>Required Completion Period</b>	<b>NA</b>	<i>(initial)</i>	<i>(initial/ date)</i>
<b>Required Completion Date</b>	<b>NA</b>		
<b>Defects Liability Period</b>	<b>days</b>	<i>(enter approving office name)</i>	
<b>Performance Security</b>	<b>NOT APPLICABLE</b>	<i>(enter approving officer title)</i>	
<b>Performance Security type</b>	<b>NOT APPLICABLE</b>		<b>Date</b>

<b>THE SUPERVISING TECHNICAL ENTITY IS :</b>	EPC NCC
<b>THE SUPERVISOR IS :</b>	NCC Engineer – ASOLIMA LEAPAI

No.	Work Item Description	Quantity	Unit	Unit Price	Extended Price
<i>ATTACH SHEET FOR ADDITIONAL ITEMS</i>				<b>TOTAL</b>	

<b>PLEASE SUBMIT THE FOLLOWING TECHNICAL SCHEDULES ( put "X" for required attachments)</b>					
<b>WORK SCHEDULE/ BAR CHART</b>	<input type="checkbox"/>	<b>CASH FLOW</b>	<input type="checkbox"/>	<b>WORK PROGRAM/ METHODOLOGY</b>	<input type="checkbox"/>
<b>PAYMENT SCHEDULE</b>	<input type="checkbox"/>	<b>EQUIPMENT SCHEDULE</b>	<input type="checkbox"/>	<b>KEY PERSONNEL</b>	<input type="checkbox"/>
<b>ORGANIZATION CHART</b>	<input type="checkbox"/>	<b>SUBCONTRACTORS</b>	<input type="checkbox"/>	<b>SUPPLIER LIST</b>	<input type="checkbox"/>
				<b>MATERIAL SOURCES</b>	<input type="checkbox"/>

We certify that we comply with eligibility & National Ownership requirements of Instructions to Service Providers clauses 2a to 2d. (overleaf). If our offer is accepted, we undertake (a) to deliver required minor services in accordance with our offer above; and the General Condition of Contract ('GCC') and Special Condition of Contract ('SCC'); and the works specifications, OHS Instructions & activity schedule works item (b) to provide the Performance Security in the prescribed form, amount & time (c) to abide by this quotation for the Validity Period stated above.

*(sign & stamp)*  
**Service Provider's Authorized Officer**  
 Date



## PART 4: GENERAL CONDITIONS OF CONTRACT: GENERAL MATERIALS

- 1 APPLICATION CONTEXT: These Conditions apply only for use within the Independent State of Samoa for contracts awarded through request for Quotation processes for Minor General Services in accordance with Instructions 3.7 of Part K of the Treasury Instruction 2013.
- 2 NAMES OF PARTIES: relative to the categories name in #1 above, the Principal will also be named the Employer.
- 3 CONTRACT DOCUMENTS: Subject to the order of precedence set forth in clause 4 of these GCC, all documents forming the Contract (and all of its parts) are intended to be correlative, complementary, and mutually explanatory. The Contract Agreement shall be read as a whole.
- 4 ENTIRE AGREEMENT: The Contract constitutes the entire Agreement between the Principal and the Contractor and includes the following documents which replaces all communications, negotiations and agreements (whether written or oral):
  - a. the Request for Quotation, RfQ Ref No. >SAM-EPC 11/2024< (the 'RfQ') inclusive of Instructions to Contractors;
  - b. these General Conditions of Contract;
  - c. Special Conditions of Contract;
  - d. Work Specifications, OHS Instructions & Activity Schedule Work Items.
- 5 CONTRACT PERIOD: This Contract shall commence on the date specified in the SCC and shall be for a period as identified in the SCC (the 'Completion Period') and shall be completed by the Completion Date identified in the SCC.
- 6 CONTRACT PRICE: The Employer shall ONLY pay to the Contractor the Contract Price set out in the SCC. The Contractor shall provide the Employer or the Project Manager with a Claims for Payment which shall:
  - a. state the amount of the contract price received to date each head of costs;
  - b. the amount of the Claim for Payment including the Head of Cost under which it is claimed;
  - c. detail the Works performed and completed since the previous claim for Payments including the materials used;
  - d. report on the progress of the Works.

The Project Manager shall issue a Progress Payment Certificate once he/she are satisfied that the Claim for Payment is bona fide. The Employer must pay the amount in the Claims for Payment 14 days from when he/she is satisfied with the Claim for Payments.

The Principal shall retain a certain percentage, set out in the SCC, of the total quoted price until the completion of the Defects Liability Period.

- 7 PROJECT MANAGER: The Project Manager shall be the Engineer of the Employers responsible for liaising with the Contractor and general administration and supervision of the Works. The Project Manager is set out in the SCC.
- 8 AMENDMENT: No amendment or other variation of the Contract shall be valid unless it is in writing, is dated, expressly refers to this Contract and is signed by a duly authorized representative of each of the Parties to the Contract.
- 9 LANGUAGE: The applicable language of the Contract is English.
- 10 LAW: The applicable law of the Contract is the law of the Independent State of Samoa.
- 11 INTERPRETATION: If the context requires it, singular means plural and vice versa. The reference to one gender shall mean the other gender.
- 12 COMMUNICATIONS/NOTICES: Communications between parties to the Contract shall be effective only when communicated or delivered in written form with proof of receipt, to the address specified in the SCC.

- 13 COPYRIGHT: Both parties shall observe requirements of the Samoa Copyright Act 1998 and international conventions concerning material produced by third parties.
- 14 DOCUMENT OWNERSHIP: Unless otherwise provided in Contract schedules and as applicable to Contract category, all plans, specifications, designs, reports, other documents and software prepared by the Contractor shall become and remain the property of the Employer, without encumbrances of ownership by other parties. The Employer shall establish proof of ownership of existing materials provided to the Contractor for contract performance and the Contractor shall establish the right to use and reproduce any materials produced by third parties to be used in contract performance.
- 15 CONFIDENTIALITY: The Parties shall keep confidential and shall not divulge to any third party any documents, data or other information furnished directly or indirectly in regard to the Contract, without written consent of the other Party.
- 16 CONFLICT OF INTEREST: The Contractor shall not have a conflict of interest. The Contractor warrants that to the best of its knowledge and after making diligent inquiry, at the date of signing the contract, does not have a conflict with the interests of the Employer or is likely to arise in the performance of the Works. If during the performance of the Works a conflict of interest arises or appears likely to arise, the Contractor agrees to:
  - (a) Immediately notify the Employer in writing;
  - (b) make full disclosure of all relevant information relating to the conflict; and
  - (c) take such steps as the Employer may reasonable require to resolve or otherwise deal with the conflict.
- 17 CURRENCY OF PAYMENT: The currency for payment shall be in Samoan Tala.
- 18 PRICE ADJUSTMENT: Price adjustment for changes in economic conditions shall not apply to any contract resulting from RFQ processes.
- 19 TAXES AND DUTIES: The Contractor is liable for all taxes and duties, in accordance with the particular application context and the laws of the Independent State of Samoa.
- 20 ACCOUNTING, INSPECTION & AUDIT: The Contractor shall permit and also require its subcontractors and consultants to permit, the Government and/or its authorized appointees to inspect the Contractor's office and all accounts and records relating to contract performance and/or tender submission and to have such accounts and records audited by the Government's appointed auditors. Moreover, acts by the Contractor to materially impede inspections and audits are a prohibited practice subject to termination and declaration of ineligibility.
- 21 LIMITATION OF LIABILITY: Except for its negligence or misconduct in performing the Contract and its related obligation to pay liquidated damages, the Contractor will not be liable to the Principal for any form of consequential loss or damage, loss of use, loss of production or loss of profits plus interest cost. The total liability of the Contractor under the Contract or civil law shall not exceed one hundred and fifty percent of the Contract Price, except that this shall not apply to costs of rectifying defective equipment, works or other deliverables.
- 22 SUSPENSION: The Employer may, with written notice of the nature of default, suspend all payments to the Contractor if the Contractor fails to perform particular requirements of the Contract and shall require the Contractor to remedy the default within thirty (30) days of Contractor receiving the suspension notice.
- 23 TERMINATION: Where a party defaults on any of its obligations under this Contract, the other party may give notice requiring that the failure be remedied within fourteen (14) days and if not remedied within that time, may terminate the Contract immediately.

The Principal may terminate the contract if any of the events set out in the SCC occurs.
- 24 FORCE MAJEURE: If, because of the result of an event of Force Majeure causing delay and the Contractor is unable to perform its Contract obligations, it shall not be liable for its Performance

Security forfeiture, liquidated damages or termination for default. The Contractor shall notify the Principal in writing of such condition, its cause and the nature of the delay or its inability to perform its Contract obligations as soon as practicable.

- 25 LIQUIDATED DAMAGES: Unless the Completion Date is extended in accordance with clause 7, the Contractor shall pay damages to the Principal at a rate per day stated in the SCC for each day that the Completion Date is later than the intended Completion Date. The total amount of liquidated damages shall not exceed the amount defined in the SCC. Payments under this provision shall not affect the Contractors Liability. The Principal may deduct liquidated damages from payments due to the Contractor.
- 26 GOOD FAITH: The Parties undertake to act in good faith with respect to each other's rights under this Contract and to adopt all reasonable measures to ensure the realization of the contract's objectives, operate fairly together without detriment to each other and exercise their best efforts to agree on actions which may be needed to remove causes of unfairness. Provided that failure of such action shall not be the subject of formal legal redress indicated in Clause 24 following
- 27 AMICABLE SETTLEMENT: Either Party with an unresolved issue concerning actions or inaction of the other Party may seek resolution through an independent third party empowered to enable resolution.
- 28 DISPUTE SETTLEMENT: Any dispute arising out of the Contract which cannot be settled amicably according to Clause 23 shall be settled in accordance with the provisions of the Arbitration Act 1976 of Samoa and best international practice.
- 29 INDEMNITY: The Contractor shall, subject to Clause 18, at all times indemnify, hold harmless and defend the Principal, its officers, employees and agents from and against any loss or liability reasonably incurred or suffered by any of those indemnified arising from any claim, suit, demand action or proceeding by any person against any of those indemnified where such loss or liability was caused by any willful, unlawful or negligent act or omission of the Contractor, its employees, agents or Subcontractors in connection with the Contract.
- 30 DEFECTS LIABILITY: At the Completion Date, the Principal or its representative shall check the Contractor's work and notify the Contractor of any Defects that are found. Such checking shall not affect the Contractors responsibilities. If the Principal finds any latent or patent defects in the works carried out, the Principal shall then notify the Contractor and the contract shall remedy the said defects prior to the expiration of the defect period. The Principal shall give the said notice to the Contractor before the expiration period which is set out in the RFQ.
- 31 COMPLIANCE WITH POLICIES AND PROCEDURES: The Contractor must, when using the Principal's Premises or facilities, comply with all reasonable directions of the Principal and all procedures and policies of the Principals including those relating to occupational health (including no smoking), safety and security in effect a those premises or in regard to those facilities, as notified by the Principal or as might reasonably be inferred from the use to which the Premises or facilities are being put.
- 32 INSURANCE: The Contractor will be responsible for taking out any appropriate insurance coverage during the duration of the Contract.
- 33 ASSIGNMENT: The Contractor shall not assign this Contract or sub-contract any portion of it without the Principal's prior written consent.
- 34 WAIVER: If a party does not exercise (or delays in exercising) any of its rights, that failure or delay does not operate as a waiver of those rights. A single or partial exercise by a party of any of its rights does not prevent the further exercise of any right. In this clause, "rights" means rights or remedies provided by this Contract or at law.
- 35 WARRANTY: The Contractor acknowledges and confirms Contractor its workers have the necessary expertise to carry out

the services to completion in accordance with the terms and conditions of this Contract. Further, that it will carry out the services and prepare all the necessary documents, plans, details, calculations, specifications and other information in accordance with the Specifications and all the other provisions of this Contract.

- 36 CLEANING UP: The Contractor shall, to the satisfaction of the Project Manager keep the Site and Services and/or Works tidy and clean during the execution of the Service and at its completion. The ownership of any leftover or surplus material at the Completion of the Works shall remain vested in the Principal.

## SPECIAL CONDITIONS OF CONTRACT: MINOR GENERAL SERVICES

GCC	Details
Clause 5	Commencement date: <i>&gt;Date the Contract is sign</i>  Completion Period: <i>&gt;to be confirmed 3 Months from commencement date.</i>  Completion Date: <i>&gt;to be confirmed</i>
Clause 6	5% of the Retention:
Clause 7	Project Coordinator shall be:  Asolima Leapai
Clause 11	For communications to the:  (a) Principal It must be delivered to the following address: <i>&gt;EPC Office, Level 5 TATTE Building, Sogi&lt;</i> (b) Contractor It must be delivered to the following address: <i>&gt;insert address&lt;</i>
Clause 22	(a) The Contractor stops the work for 14 days when no stoppage of the work is shown on the current Program. (b) The Contractor is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation. (c) The Contractor does not maintain a Security, which is required; (d) The Contractor has delayed the completion of the works by the number of days for which the maximum amount of liquidated damages can be paid i.e. 0.5% of the contract price per day. The total amount must not exceed 15% of the Contract Price)
Clause 24	Rate per day: 0.5% Maximum amount: 15% of the Contract Price

**PART 5: SCADA SERVERS AND WORKSTATIONS SPECIFICATIONS**

**SCHEDULE OF SUPPLY**

SCADA SERVERS AND WORKSTATIONS							
ORIGINAL CONTRACT							
Lot #	Unit No.	Unit Description/Name	Unit	Quantity	Unit Price	Total Price	Specifications/Requirements
		SCADA SERVERS			CIF	CIF	
1	1	Server Class Computers	Unit	3			All servers shall have 64 bit architecture and shall equipped with a real time operating system. They shall be interconnected to partial redundant LAN. Refer Minimum requirements in Other Requirements and Specifications.
	2	Operator Workstations	Unit	3			Workstations shall be at least 3.46 GHz. 4 core processors. Each workstation shall monitor two (2) HMI (TFT, Keyboard) and one projector. Each workstation shall have at least 21 inch TFT monitor with a resolution of 1600 x 1200 pixel, 50 Hz. 4 cores, 8GB RAM, 64 bit operating system. OS shall be Windows 10 Pro. Intel Core i5 Processor.
	3	Support					Refer Support in Other requirements & Specification

## Other Requirements and Specifications.

### 1. SERVER MINIMUM REQUIREMENTS:

#### COMPONENTS

- 1 x PowerEdge R450 Motherboard
- 1 x Intel Xeon Silver 4310 2.1G, 12C/24T, 10.4GT/s, 18M Cache, Turbo, HT (120W) DDR4-2666
- 1 x iDRAC Group Manager, Disabled
- 1 x 8x2.5 (SAS/SATA) 1 CPU
- 1 x LCD Bezel
- 1 x Riser Config 0, 1xOCP 3.0(x16)+ 1x16LP
- 1 x PowerEdge R450 x8 Short Drive Shipping Material
- 1 x DELL EMC Luggage Tag (x8)
- 1 x Quick Sync 2 (At-the-box-mgmt)
- 1 x Performance Optimized
- 1 x 3200MT/s RDIMMS
- 2 x 16GB RDIMM, 3200MT/s, Dual Rank
- 1 x No Additional Processor
- 1 x iDRAC9, Enterprise 15G
- 2 x 1.2TB Hard Drive SAS ISE 12Gbps 10k 512n 2.5in Hot Plug
- 1 x PERC H755 SAS Front
  
- 1 x Performance BIOS Settings
- 1 x Heatsink for CPU less or equal 165W
- 1 x Blank for 1CPU configuration
- 1 x No OCP 3.0 mezzanine NIC card, Blank filter only
- 1 x No internal optical drive
- 1 x Dual, Hot Plug, PSU (1+1) 800, Mixed Mode
- 2 x Jumper Cord C13/C14, 2m, 230V, 10A (ANZ, FIJI, PNG)
- 1 x Trusted Platform Module 2.0 V3
- 1 x No Systems Documentation, No open Manage DVD kit
- 1 x Front PERC Mechanical Parts, front load
- 1 x Ready Rails Sliding Rails without cable management arm
- 1 x Cable management arm

- 1 x RAID 1
- 1 x Windows Server 2019 Standard, 16 Cores, Digitally Fulfilled Recovery Image, Multi Language

#### SOFTWARE

- 1 x iDRAC Factory Generated Password
- 1 x Standard Fan x5
- 1 x Windows Server 2019 Standard, 16 Cores F1.No Med, No CAL, Multi Language
- 1 x Windows Server 2019 Standard, 16 Cores Media Kit, Multi Language
- 1 x Windows Server 2019 Standard, No Media, WS2016 Std Downgrade w/DVD Media, Multi Language
- 1 x UEFI BIOS Boot Mode with GPT Partition
- 1 x Open Manage Enterprise Advanced
- 1 x Windows Server 2019 Standard, No Media, WS2016 Std Downgrade DF Media, Multi Language

#### 2. DELIVERY AND INSTALLATION:

- Submitted quote must include installation of all listed computing software and hardware to a complete & satisfactory standard;
- Delivery of all items (Software and Hardware) to the installation site;
- Complete setup of all hardware and software;
- Installation sites are FULUASOU, Upolu and Salelologa, Savaii;
- Warranty & Support - At least 3 Years RTB;

#### 3. TERMS AND CONDITION:

- The successful bidder must be able to demonstrate that they can provide all the necessary support and service **in-country**;
- All equipment supplied must have at least 36 months warranty for parts and labor, counted from the day of actual installation at the agreed premises and formal acceptance of the equipment by EPC;
- Replacement for new of any faulty equipment, during the warranty period for free will be considered a distinct advantage;
- The Bidder shall provide brochure of specs that outline the products to be meeting the requirements specified above.
- The cost for supply of materials should be inclusive of all applicable taxes.
- The total quoted price shall be inclusive of all taxes and duties in accordance with the laws of the Independent State of Samoa.