

Request for Quotations



ELECTRIC POWER CORPORATION

PROCUREMENT OF SOLAR IP CAMERAS, BATTERY CHARGERS & MICE SWITCH BACKPLANE

Ref: SAMEPC 13/2024

DATE OF ISSUE: 03 September 2024

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PART 1: Instructions to Service Providers

1. Scope

- (a) the Purchaser is the Electricity Power Corporations (Principal) on behalf of the Government of the Independent State of Samoa's Ministry of Public Enterprises.
- (b) This Request for Quotation applies to the purchase of IP Solar Cameras, Chargers, Switches and Fiber Tools.

2. Service Provider's Eligibility – The Provider must:

- (a) The Service Provider must be a bona fide business unit known by the Purchaser to be suitably qualified, experienced and financially resourced, and must:
 - (i) provide a valid Certificate of Incorporation.
 - (ii) provide an authenticated copy of its currently valid Business License if it is a local Company.
 - (iii) provide an authenticated copy of its VAGST Certificate from the Ministry of Revenue Samoa if it is a local Company.
 - (iv) provide a notarized power of attorney authorizing the signatory of the Quotation to represent the Service Provider, sign the Quotation and accept a Purchase Order
- (b) Notwithstanding that requirements b, c, & d may be waived if previously submitted documents are valid for the specified delivery period
- (c) The Principal reserves all rights to reject any or all quotations submitted and ask all potential Service Providers to re-submit quotations.

3. Service Provider Qualification - A Service Provider or contracting firm must provide:

- (a) description of items or services related to those items, of similar nature & value with the items or services the subject matter of this RfQ, that the Service Provider satisfactorily completed within the last two years – these items or

services must have an annual average value of **SAT\$50,000** or more.

- (b) details of all contracts for similar supply or those currently in progress.
- (c) a bank statement in the name of the contracting firm for the immediately past twelve months,
- (d) references & contract details of past and present clients who can attest to good character and reliability.
- (e) detailed work plan or delivery program that details how the Service Provider will provide the service within the timeframe of the services presently the subject matter of this RfQ.

4. Responding to the Request for Quotation

- (a) In responding:
 - (i) the Service Provider shall verify and take care to comprehend the description and specification of all items.
 - (ii) the Service Provider shall enter unit prices, extended prices and total price on the Request for Quotation form.
 - (iii) the Service Provider shall verify its agreement with stated provisions for quotation validity, delivery period, warranty period, manufacturer's authorization & performance security. All variations from stated conditions shall be explained in a covering letter.
 - (iv) the Service Provider 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.
- (b) prices shall be fixed for the duration of the specified period for delivery.
- (c) unless otherwise stated, the quotation shall be for the full quantity stated on the Request for Quotation.

6. 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 Service Provider 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.

7. Quotation Submission

- (a) Service Providers may submit more than one quotation, provided quotations are for substantively different goods meeting the same description or specification.
- (b) quotations should be submitted to the **General Manager, Electric Power Corporation, 5th Floor TATTE Building, Sogi**, no later than the specified time & date as stated in **Part 3**
- (c) Subject to ITB 8(d), late quotation will not be considered and shall be returned to the Service Provider unopened.
- (d) However, the Principal reserves the right to retain and open late quotation if the number of quotations received is less than three (3).

8. 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 Service Providers, who/m submitted their Bids; and interested members of the public to attend.
- (c) The results of the quotation evaluation shall be available on request, denoting only the successful Service Provider.

9. Quotation Evaluation & Contract Award

- (a) Quotations shall be evaluated to establish substantial responsiveness to eligibility & qualification requirements, specified technical schedules, commercial conditions and this ITB.
- (b) The Service Provider found to be substantially responsive after the evaluation shall be awarded the contract. That Service Provider then becomes the Successful Service Provider.
- (c) After arithmetical checking and correction, the quotation of the Service

Provider(s) 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 Service Provider.
- (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, Occupational Health and Safety ('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 Service Provider 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.
- (g) The unsuccessful Service Provider may, with 7 days of the announcement of the award, request reasons why it/they were no successful, but cannot request reasons why other Service Providers were not successful.

10. Performance Security

- (a) If a Performance Security is required, the Purchaser shall issue a Letter of Acceptance which shall serve as notification of award.
- (b) The Service Provider shall provide a Performance Security within seven days of the letter of award, in the amount specified in the Request for Quotations.

11. Insurance

- (a) The basis of the agreement between the Purchaser and the Service Provider will be delivery and acceptance at the named place for delivery. The Service Provider will bear all risks for transportation between point of dispatch and point of delivery.
- (b) Accordingly, the Service Provider shall arrange appropriate insurance cover.

12. Packaging & Delivery

- (a) the Service Provider shall ensure that all goods are appropriately packaged to avoid physical damage, breakage or corrosion.
- (b) delivery shall be made to the specified place of delivery within the specified delivery period.

13. Payment: The Purchaser shall make payment to the Service Provider within 30 days of delivery of goods and completion of related services.

14. Inspection of Goods/Products

The Principal may request to view the items of Goods/Products during the evaluation of the Service Providers bid to deliver goods or goods related services.

15. Warranty

The Service Provider must provide a warranty for all goods/item to be provided, for the period set out in RfQ (see Part 4).

16. Corrupt & Fraudulent Practices

The Purchaser requires that Service Providers observe the highest standards of ethics during the procurement and execution of government 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



>insert date<

>insert the address of the Service Provider<

LETTER OF AWARD: PROCUREMENT OF SOLAR IP CAMERAS, BATTERY CHARGERS & MICE SWITCH BACKPLANE

RfQ: SAMEPC 13/2024

1. The Electricity Power Corporation (Principal) on behalf of the Ministry of Public Enterprises of Samoa (the 'Purchaser') issued the above request for quotation on >insert date< for the above Goods and/or related services. The deadline for the request for quotation closed on >insert date<. Your company (the 'Service Provider'), as >insert description of the Service Provider< 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 Principal is desirous for you, the Service Provider, to perform deliver the goods and/or the goods related services in accordance with the:
 - (a) the Request for Quotation, RfQ Ref No. SAMEPC 13/2024 (the 'RfQ') inclusive of Instructions to Service Providers;
 - (b) General Conditions of Contract attached to the RfQ;
 - (c) Special Conditions of Contract attached to the RfQ;
 - (d) Specification of Scope of Services at Part 5.
3. The Principal, acting by and through the Chief Executive Officer of the >insert procuring entity< now signs this letter to confirm that it accepts the RfQ by the Service Provider. Please sign and date 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)
 >Insert CEO of procuring Entity<)
 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



GOVERNMENT OF THE INDEPENDENT STATE OF SAMOA

Employer Name Electric Power Corporation
Employer Address Level 5 [TATTE Building SOGI

APIA
 SAMOA

Contact Details Facsimile number: +685 65500
 Electronic mail address: leapaia@epc.ws or
suisalag@epc.ws

REQUEST FOR QUOTATION: PROCUREMENT OF SOLAR IP CAMERAS, BATTERY CHARGERS & MICE SWITCH BACKPLANE

Please provide your quotation by **10.00am on 24 September 2024** to the following address:

General Manager, Electric Power Corporation, 5th Floor TATTE Building, Sogi

RFQ NAME.	PROCUREMENT OF SOLAR IP CAMERAS, BATTERY CHARGERS, FIBER TOOLS & SWITCHES		RFQ No.	SAMEPC13/2024
TO	SERVICES PROVIDER NAME	<i>(enter Services Provider name)</i>		
	CONTACT PERSON	<i>(enter name of coordinator/ liaison person)</i>	TEL.No.	
	OFFICE ADDRESS	<i>(enter street/ road name and township name)</i>		

Please provide your quotation for the following minor GENERAL SERVICES – Provision of Solar IP Cameras, Battery Chargers & Mice Backplane 10.00am on 24th of September 2024) at the following address:

Quotation Validity		60 calendar days				
Required Completion Period		3 Months				
Required Completion Date						
Defects Liability Period		<i>Monthly (enter approving office name)</i>				
Performance Security		<i>(enter approving officer title)</i>				
Performance Security type		NOT APPLICABLE - Securing Declaration				
THE SUPERVISING TECHNICAL ENTITY IS :		EPC				
THE SUPERVISOR IS :		<i>Asolima Leapai</i>				
Lot	Item Description	Unit	Period Price 1 st 12 months	Period Price 2 nd 12 months	Extended Price	
1	Solar IP Cameras 1200W Power Inverter	2 2				
2	Battery Chargers 55.2 VDC (500W) Battery Chargers 55.2 VDC (300W) Battery Chargers 27.6 VDC (300W)	5 3 5				
3	Optical Loss Test Sets Fiber Inspector Pro	1 1				
4	Hirschmann Mice Switch Backplane: Hirschmann Gigabit Ethernet Modules	3 21				
WORK SCHEDULE/ BAR CHART		X	Bank Statements	X	WORK PROGRAM/ METHODOLOGY	X
Ba		EQUIPMENT SCHEDULE		KEY PERSONNEL		X

ORGANIZATION CHART	X	SUBCONTRACTORS				MATERIAL SOURCES	X
	<p style="text-align: center;"><i>(sign & stamp)</i></p> <p style="text-align: center;">Service Provider's Authorized Officer</p> <p style="text-align: center;">Date</p>						

PART 4: GENERAL CONDITIONS OF CONTRACT

1 **APPLICATION CONTEXT:** These Conditions apply only for use within the Independent State of Samoa for contracts awarded through request for Quotation processes for procurement of Goods and Goods related services within Instructions 3.7 of Part K of the Treasury Instruction 2013.

2 **NAMES OF PARTIES:** relative to the categories named in RfQ (see Part 3) above, the Purchaser will also be named the 'Principal'.

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 Service Provider and includes the following documents which replaces all communications, and agreements (whether written or oral):

- a. the Request for Quotation, RfQ Ref No. SAM-EPC 13/2024 (the 'RfQ') inclusive of Instructions to Service Providers;
- b. these General Special Conditions of Contract;
- c. Minutes of Contract Negotiations
- 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 Service Provider the Contract Price set out in the SCC. The Service Provider shall provide the Employer or the Principal's Representative with a Claims for Payment which shall:

- a. state the amount of the contract price received to date;

- 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 Cleaning & Maintenance

The Principal's Representative shall issue a Progress Payment Certificate once he/she is 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 **PRINCIPAL'S REPRESENTATIVE:** The Principal's Representative shall be an Employee of the Principal responsible for liaising with the Service Provider and general administration and supervision of the Services. The Principal's Representative 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. All monetary references shall be to Samoan Tala unless otherwise stated.

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 Service Provider 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 Service Provider for contract performance and the Service Provider 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 Service Provider shall not have a conflict of interest. The Service Provider 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 Service a conflict of interest arises or appears likely to arise, the Service Provider 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 reasonably 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 Service Provider is liable for all taxes and duties

unless otherwise agreed to by the parties, in accordance with the particular application context and the laws of the Independent State of Samoa.

20 **ACCOUNTING, INSPECTION & AUDIT:** The Service Provider shall permit and also require its Subservice Providers and consultants to permit, the Government and/or its authorized appointees to inspect the Service Provider'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 Service Provider 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 Service Provider 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 Service Provider 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 Service Provider if the Service Provider fails to perform particular requirements of the Contract and shall require the Service Provider to remedy the default within thirty (30) days of Service Provider 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 Service Provider is unable to perform its Contract obligations, it shall not

- be liable for its Performance Security forfeiture, liquidated damages or termination for default. The Service Provider 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 8, the Service Provider 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 Service Providers Liability. The Principal may deduct liquidated damages from payments due to the Service Provider.
- 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.
- 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 27 shall be settled in accordance with the provisions of the Arbitration Act 1976 of Samoa and best international practice.
- 29 **INDEMNITY:** The Service Provider shall, 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 Service Provider, its employees, agents or Subservice Providers in connection with the Contract.
- 30 **PASSING OF PROPERTY:** Property in, and risk of loss of or damage to the Product shall pass to the Service Provider upon delivery of the Produce to the headquarters of the Principal, with its address set out at the SCC, Apia, Samoa. The Principal shall, upon delivery, provide the Service Provider with an acknowledgement in writing of receipt of the Products/Goods, thereby passing the property in, and risk of loss or damage to, the Product/Goods to the Principal.
- 31 **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.
- 32 **COMPLIANCE WITH POLICIES AND PROCEDURES:** The Service Provider 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.
- 33 **INSPECTION, REJECTION AND ACCEPTANCE: General Services:**
- (a) The Principal or its Representative may reject any or all services provided by the Service Provider if found not be in accordance with the Contract.
- 34 **INSPECTION, REJECTION AND ACCEPTANCE: GOOD/PRODUCTS: GOODS RELATED SERVICE**

- (a) The Service Provider shall be deemed to have satisfied itself before tendering as to the correctness and sufficiency of the tender of the Services and the Contract Price and acknowledges that it has inspected the EPC sites and is aware of their condition(s) before it agreed to supply the Maintenance and Cleaning Services.
- (b) The Principal can inspect the progress of the Services and the Service Provider will grant the Principal or its representative access to the site where the Services are being performed. If there is defect or the Principal is dissatisfied with the services, it may by written notice require the Service Provider make good any defects arising from poor workmanship at no cost to the Principal.

35 **INSURANCE:** The Service Provider will be responsible for taking out any appropriate insurance coverage during the duration of the Contract.

36 **ASSIGNMENT:** The Service Provider shall not assign this Contract or sub-contract any portion of it without the Principal's prior written consent.

37 **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.

38 **WARRANTY ON GOODS/PRODUCTS:** All equipment supplied must have a 3-year Maintenance for Hardware & Software from IBM. Must also include replacement of any faulty parts including hard disk during the free maintenance period. New hardware must come with licenses.

39 **CLEANING UP:** The Service Provider shall, to the satisfaction of the Principal's Representative keep the Site and Services and/or Works tidy and clean during the execution of the Service and at its completion.

**PART 4: SPECIAL CONDITIONS
OF CONTRACT: MINOR
GENERAL SERVICES**

GCC	Details
Clause 5	Commencement date: <i>TBD at Negotiations</i> Completion Period: 3 Months from date of award. Completion Date: <i>TBD at Negotiations</i>
Clause 6	The Contract Price shall be an amount not exceeding <i>>insert amount<</i> . (Base Period) for Lots and at the sole discretion of the Principal the exercisable Priced First Option period is for Lots
Clause 7	Principal's Representative shall be: Asolima Leapai
Clause 12	For Communications with (a) Principal It must be delivered to the following address: EPC Level 5 TATTE Building Samoa leapaia@epc.w or suisalag@epc.ws (b) Supplier It must be delivered to the following address: <i>>insert address<</i>
Clause 23	(a) The Supplier stops the work for 14 days when no stoppage of the work is shown on the current Program. (b) The Supplier is made bankrupt or goes into liquidation other than for a reconstruction or amalgamation. (c) The Supplier does not maintain a Security, which is required; (d) The Supplier 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 25	Rate per day: half a percent per day Maximum amount: 15% of the Contract Price
Clause 38	Warranty period must be at least 3 years from date the item is accepted after inspection by the Principal.

PART 5: DESCRIPTION OF PROCUREMENT OF SOLAR IP CAMERAS, BATTERY CHARGERS, FIBER TOOLS & HIRSCHMANN MICE SWITCH BACKPLANE

SCOPE OF SUPPLY:

Background

- The Electrical Power Corporation intends to install IP cameras to monitor and capture contents at some of the remote power stations. In addition, it requires battery chargers and a switch backplane to replace faulty units to restore and improve its communication network.

1 Objective of the RFQ

Samoa Electric Power Corporation is inviting eligible companies/vendors to submit a quote for:

- Two Bullet Solar IP Cameras
 - 4G Network IP Camera
 - Support Fiber & Wireless transmission
 - Include mountings to galvanized post
- 1200W Power Inverter
 - Pure Sine Wave
- Five Battery Chargers
 - 55.2 VDC
 - 500W
- Three Battery Chargers
 - 55.2 VDC
 - 300W
- Five battery Chargers
 - 27.6 VDC
 - 300W
- Optical Loss Test Sets
- Fiber Inspector Pro

- Hirschmann Gigabit Ethernet Modules
- Hirschmann Mice Switch Backplane
 - Pre-configure to EPC Configuration
 - Refer to Technical Specifications/Requirements

2 Technical Specifications/Requirements

CCTV, SCADA EQUIPMENT & FIBER TOOLS						
ORIGINAL CONTRACT						
Lot #	Item #	Unit Description	Quantity	Unit Price	Total Price	Specifications/Requirements
				CIF	CIF	
1	1	Solar IP Camera	2			Bullet Solar Power 4G Network IP Camera, Solar Panel, 360Wh Chargeable Battery, GSM 4G wireless network and optical fiber transmission, Support Micro SIM card and optical fiber connection. Include SFP interface or RJ45 ethernet port, Water and Dust resistant (IP66). Accept any Brand but prefer Hikvision. Night Vision, Zoom Capability. Include mountings to Galvanized post.
	2	1200W Pure Sine wave Power Inverter	2			DC 12V/24V to 230VAC 50Hz, 2USB Ports, 2 AC Sockets.
2	1	Battery Charger (500W), 55.2VDC	5			AMTEX BATTERY CHARGER, Model: BCH 500-55FT-R3000. Input: 230 VAC, OUTPUT: 55.2 VDC, 9A (500W).
	2	Battery Charger (300W), 55.2VDC	3			AMTEX BATTERY CHARGER, Model: BCH300-55FT. Input: 230 VAC, OUTPUT: 55.2 VDC, 5.5A (300W).
	3	Battery Charger (300W), 27.6VDC	5			AMTEX BATTERY CHARGER, Model: BCH 300 28FT-R3000, Input: 230 VAC, OUTPUT: 27.6 VDC, 11A (300W).
3	1	OPTICAL LOSS TEST SET	1			LC, SC Connectors, Wavelengths: 1310nm, 1550nm, Range: 0dBm - -70dBm, Fiber Type: SM, Max Length Measurement: 100Km, Output Power: >= -4dBm
	2	Fiber Inspector Pro	1			Resolution: 2M pixel, Light source: Blue LED, Min detectable particle size: 0.5 um, Temp range: 0 - 50 deg cel
4	1	Hirschmann Gigabit Ethernet Module	4			MSM50-Q6Q6Q6Q6S29HH9E99.9.99
	2	Hirschmann Gigabit Ethernet Module	9			MSM40-T1T1T1T1S29HHE99.9.99
	3	Hirschmann Gigabit Ethernet Module	8			MSM46-T1T1T1T1S29HHE99.9.99
	4	Hirschmann Mice Switch Backplane	3			Pre-Configured Hirschmann Mice Switch Backplane with seven (7) Slots. (942076998-7) MSP40-00280SCZ999HHE2AXX.X.XX

3 OTHER REQUIREMENTS SPECIFICATION.

- The Bidder shall provide brochure of specs that outline the products to be meeting the requirements specified above.

- GST or taxes on goods in bidder's country of operation shall not be charged on the items offered. All bidders are requested to consult your local tax office for confirmation on items send to Samoa, are exempted from Goods and Services Taxes.