



**Jamaica Public Service Company**  
**Fire Alarm & Suppression Systems 2024**

**UPPER WHITE RIVER, RHODEN'S PEN & ORACABESSA SUB-  
STATION RELAY HOUSES**  
ENGINEERING, PROCUREMENT, INSTALLATION AND COM-  
MISSIONING OF A DRY/CLEAN AGENT FIRE DETECTION,  
ALARM/NOTIFICATION & SUPPRESSION SYSTEM

**Request for Proposals**

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RFP# 974679

Issued by: Purchasing & Customs Department  
March 2024

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# 1. INTRODUCTION

## 1.1 Description of project

The project seeks the services of qualified Contractors who have the expertise and qualified work force to meet JPSCO's needs to effectively supply, engineer, install and commission of a Dry/Clean Agent Fire Detection, Alarm/Notification & Suppression System at the JPSCO. Ltd. Upper White River, Rhoden's Pen and Oracabessa Substation Relay Houses.

## 1.2 JPS Overview and Jamaica Geography

The Jamaica Public Service Company Limited (JPS) is an integrated electric utility company, and the sole distributor of electricity in Jamaica. The Company is engaged in the generation, transmission and distribution of electricity, and also purchases power from a number of independent power producers (IPPs).

Marubeni Corporation of Japan and East West Power Company (EWP) of Korea are majority shareholders, with joint ownership of eighty percent of the shares in JPS. The Government of Jamaica and a small group of minority shareholders own the remaining shares.

JPS serves over 600,000 residential, commercial and industrial customers, through a workforce of over of 1,700 employees and a network of offices throughout the island. The Company owns and operates 4 power stations, 8 hydroelectric plants, one Wind Park, 43 Substations, and approximately 14,000 kilometers of distribution and trans-mission lines. The total installed generating capacity is 789 MW. The company owns 80%, or 621.0 MW of this capacity. The remaining 168 MW is owned by Independent Power Producers (IPPs). The company also manages and operates the transmission and distribution system.

Along with the provision of electricity, the JPS is a key partner in national development. The Company has a vibrant corporate social responsibility portfolio and makes significant contributions in the areas of education, sports, and community development. The Company

also has a strong environmental focus and carries out its operations in an environmentally friendly manner.

The Office of Utilities Regulation (OUR) has regulatory authority over JPS' operations.

Jamaica lies 145 kilometers south of Cuba and 160 kilometers west of Haiti. Its capital city, Kingston, is about 920 kilometers southeast of Miami. At its greatest extent, Jamaica is 235 kilometers long, and it varies between 35 and 82 kilometers wide, with an area of 10,911 square kilometers. The highest area is that of the Blue Mountains. The crest of the ridge exceeds 1,800 meters. The highest point is Blue Mountain Peak at 2,256 meters.

Two types of climate are found on Jamaica. An upland tropical climate prevails on the windward side of the mountains, whereas a semiarid climate predominates on the lee-ward side. Warm trade winds from the east and northeast bring rainfall throughout the year. The rainfall is heaviest from May to October, with peaks in those two months. The average rainfall is 196 centimeters per year. Temperatures are fairly constant throughout the year, averaging 25 °C to 32 °C in the lowlands and 15 °C to 22 °C at higher elevations. Temperatures may dip to below 10 °C at the peaks of the Blue Mountains.

Jamaica lies at the edge of the hurricane track; as a result, the island usually experiences indirect storm damage. Hurricanes occasionally strike the island with full force, including winds speeds up to 240 km/hr.

### 1.3 Definitions

- **“Bidder”, “Supplier”, “Vendor” or “Contractor”** shall mean JPS’ qualified service provider acting in the role of the prime contractor who responds to this RFP.
- **“Bid/ Proposal”** shall mean the Bidder’s formal written response indicating committed price. All references to JPS or Company shall mean the Jamaica Public Service Company Limited.
- **“Services”** means services ancillary to the research data gathering and submission
- **“Approved”** means approved by the JPS or its delegated representatives.

- **“Delivery”** means completion of the research findings and the requisite recommendations submitted
- **“Days”** means calendar days according to the Gregorian calendar.
- **“The Contract”** means the final agreement entered into between the JPS and the Contractor signed by the parties, including any attachments, addenda, and appendices thereto and all documents incorporated by reference therein.
- **“The Contract Price”** means the price payable to the Bidder under the Contract for the full and proper performance of its contractual obligations.

## 2. GENERAL INSTRUCTIONS TO BIDDERS

The Bidder is expected to examine all instructions, terms and specifications in the Bidding Documents. Failure to furnish all information required by the Bidding Documents or submission of a bid not substantially responsive to the Bidding Documents in every respect will be at the Bidder’s risk and may result in the rejection of its bid.

### 2.1 Points of Contact

All communications and questions with JPS regarding this RFP must be directed to the following Points of Contact (POC):

**Name:** **Kolonje McKenzie**

**CC:** **Aldeen Morris**

**Address:** Jamaica Public Service Company Ltd  
113 Washington Boulevard  
Kingston 20, Jamaica

**Email:** [komckenzie@jpsco.com](mailto:komckenzie@jpsco.com) cc: [apmorris@jpsco.com](mailto:apmorris@jpsco.com)

### 2.2 Communication Regarding The RFP

**Unauthorized communications concerning this RFP with other Company employees, executives or contractors may result in immediate disqualification.**

All communication and questions should be submitted in writing, electronically to the POC. In order to ensure consistency in the information provided to Bidders, responses to questions received will be communicated to all participants, without revealing the source of the inquiries.

Only written responses will be considered official and binding. JPS reserves the right, at its sole discretion, to determine appropriate and adequate responses to questions and requests for clarification.

A Bidder contact should be provided for all questions and clarifications arising from the RFP

Proposal Queries should include:

- (a) Company's name, company address and phone number, contact person, email address, position.
- (b) References to specific points within this RFP using the Section number as reference
- (c) Clear and concise questions

### **2.3 Period of Validity of Bids**

Bids shall remain valid for *Ninety (90) days* after submission. A bid valid for a shorter period may be rejected by the Company as non-responsive. In exceptional circumstances, the Company may solicit the Bidder's consent to an extension of the period of validity. The request and responses thereto shall be made in writing.

### **2.4 RFP Amendment and Cancellation**

At any time prior to the deadline for the submission of bids, the Company may for any reason, whether at its own initiative or in response to a clarification requested by a prospective bidder, modify the Bidding documents by amendment.

The amendment will be done in writing to all prospective Bidders who have received the Bidding Documents.

In order to afford prospective Bidders reasonable time in which to take the amendment into account in preparing their bids, the Company may, at its discretion, extend the dead-line for the submission of Bids.

JPS reserves the unilateral right to cancel or reissue the RFP at its sole discretion. Bidders will respond to the final written RFP and any exhibits, attachments and amendments.

## 2.5 Bid Withdrawal

A Bidder may withdraw a submitted bid at any time up to the deadline for submitting bids. To withdraw a bid, the Bidder must submit a written request electronically, or via fax, signed by an authorized representative, to JPS before the deadline for submitting bids. After withdrawing a previously submitted bid, the Bidder may submit another bid at any time up to the deadline for submitting bids.

## 2.6 Confidentiality of Data

The Bidder should recognize that JPS operates in a sensitive business environment and, for that reason the Bidder must treat the materials and data provided by JPS as confidential. The successful Bidder may be required to agree to and execute the Confidentiality agreement.

# 3. PREPARATION OF BIDS

## 3.1 Bid Prices

Prices quoted by the Bidder and further negotiated and agreed between the bidder and JPS shall be fixed during the Bidder's performance of the Contract and not subject to variations on any account. Prices should be quoted in **United States Dollars** for international suppliers and **Jamaican Dollars** for local suppliers.

# 4. PROJECT SCOPE / OBJECTIVES

Contractor will be required to provide Engineering, Installation and commissioning set out in the rate schedule. The contractor will be responsible to provide material, equipment, design, engineering and labour for the installation, testing and commissioning of dry/clean agent fire detection, alarm and suppression system for the Upper White River, Rhoden's Pen and Oracabessa Substation Relay Houses:



1. Relay House/Control room (*includes solid state and computerized electrical equipment and lighting*)
2. Battery Room/Battery Storage section
3. Wash Room

## 5. SUBMISSION OF BIDS AND SELECTION CRITERIA

### 5.1 Site Visit

Location	Site Visit Date	Time	Contact Person	Contact Number
Upper White River	March 19, 2024	11:00am	Clelon Dixon	876-578-9561
Oracabessa	March 20, 2024	11:00pm	Clelon Dixon	876-578-9561
Rhoden's Pen	March 21, 2024	11:00am	Clelon Dixon	876-578-9561

### 5.2 Bid Response

The deadline for submission of bids is April 9, 2024 at **11:59 PM** (EST).

RFP CALENDAR		
ACTIVITY	DUE DATE	RESPONSIBILITY
RFP date	March 11, 2024	JPS
Queries to RFP	March 22, 2024	Bidder
Final date to respond to all queries	March 28, 2024	JPS
Bidders provide their intension to bid	April 2, 2024	Bidder
Completion of RFP and dead-line for submission of bids to JPS	April 9, 2024 @ 11:59pm (EST)	Bidder
Bid Opening	April 10, 2024	JPS

The Company may, at its discretion, extend this deadline for the submission of bids, in which case all rights and obligations of the Company and Bidders previously subject to the deadline will thereafter be subject to the deadline as extended.

### 5.3 Late Bids

Any bid received by the Company after the deadline for submission of bids prescribed by the Company, pursuant to **Section 5.2**, will be rejected.

### 5.4 All proposals shall be submitted as follows:

Only Electronic submissions will be accepted, using ShareFile by Citrix. All uploads will be confidential. Additional information on this software can be accessed by clicking the links below:

- Basic Client Guide <https://citrix.sharefile.com/share/view/s1bff52f8d434781a>
- Training (video) <https://www.sharefile.com/support/training>

Activities are guided by the dates stated in the Calendar of Events highlighted in Table Above. Observing these dates,

1. Section 2.1 provides Instructions to submit questions via email only
2. A combined response to questions will shared with all bidders
3. Respondents must confirm their intention to bid in order to be setup in JPS ShareFile folder
4. Access to individual vendor folders will be given 1 weeks before the bid closes to eliminate any issues for bid upload by RFP deadline.
5. Files must be accurately labelled/named. Commercial Information must be a separate file from your Technical Overview.
6. ShareFile Access will be removed when the bid closes

### 5.5 Proposal Signing

All proposals must be signed by an official agent or representative of the company submitting the proposal.

### 5.6 Proposal Rejection

Bids received after the deadline for submission of bids will be rejected. Any bid received that does not meet the requirements of this RFP may be considered to be non-responsive,

and the bid may be rejected. Bidders must comply with all of the terms of this RFP. JPS may reject any bid as being non-responsive that does not comply with the terms, conditions, and characteristics of this RFP or the key criteria for selection.

### 5.7 Right of Rejection

JPS reserves the right, at its sole discretion, to reject any and all bids or to cancel this RFP in its entirety.

JPS reserves the right to reject any and all proposal(s) at its sole and absolute discretion. Submission of a proposal constitutes acknowledgement that the Bidder has read and agrees to be bound by such terms and conditions as outlined in the Bid document.

## 6. SELECTION PROCESS AND EVALUATION CRITERIA

A selection committee consisting of JPS staff members will evaluate all responses. Based on the preliminary evaluation of the responses, we reserve the right to short list respondents.

Selection will be based on the contractor's responsiveness to the RFP and total price quoted (including recurring costs).

### TECHNICAL EVALUATION

CRITERIA	Score
Compliance to JPS specification	Pass/Fail

### COMMERCIAL EVALUATION

CRITERIA	Score (%)
Price	90
Terms of payment	5
Delivery / Lead Time	5
Total	100

## 6.1 Determination of Responsive Bids

The company will examine the bids to ensure conformance to all the instructions listed in the Instructions to Bidders.

Omission of any of the requisite documentation may result in the bid being declared non-responsive and therefore rejected.

## 6.2 JPS Bid Evaluation Discretion

JPS at its discretion may:

- Select a bid other than the lowest priced if JPS determines, at its sole and absolute discretion, that JPS' interests will best be served by doing so;
- Withhold any information used in conducting the evaluation;
- Reject any or all bids and enter into negotiations with any Bidder or Bidders that JPS may choose;
- Seek clarification from any Bidder regarding bid information and may do so without notification to any other Bidder;
- Continue the review procedure until a Bidder is selected successfully or until JPS chooses to reject all bids;
- Accept any bid or alternate as submitted without negotiations;
- Require revisions to, corrections of, or other changes to any bid submitted as a condition to its being given any further consideration;
- Select for negotiations only the overall best bids or alternate submitted, as determined by JPS;
- Truncate negotiations with a Bidder if JPS determines that progress towards a contract is not proceeding in a reasonable manner or at a reasonable pace;
- Open negotiations with additional Bidders;

## 6.3 Bid Discrepancies

Arithmetical errors will be rectified on the following basis:

If there is a discrepancy between words and figures, the amount in words shall prevail.

If the contractor does not accept the correction of errors, its bid shall be rejected.

The Company may waive any minor informality or non-conformity or irregularity in a Bid, which does not constitute a material deviation, provided such waiver does not prejudice or affect the relative ranking of any Bidder.

#### 6.4 Right to Negotiate

Upon evaluation of the submitted bids, JPS reserves the right to enter into negotiations with one or more Bidders (not necessarily the Bidder with the lowest deliverable price submission) that appear to have submitted a bid that meets the needs and requirements of JPS. Negotiations could include, but are not limited to, price and the terms and conditions of this RFP. However, issues may arise that JPS may not negotiate due to policies or strategies, and an impasse could arise. If, for any reason, a Bidder and JPS cannot arrive at a mutual agreement that would result in the issuance of a contract, JPS reserves the right to terminate negotiations, to reject the bid, and to continue negotiations with other responsive Bidders that may lead to the issuance and award of a contract.

#### 6.5 Written Clarification

JPS reserves the right, at its sole discretion, to request clarifications of bids or to conduct discussions for the purpose of clarification with any or all Bidders. The purpose of any such discussions will be to ensure full understanding of the bid proposal. Discussions will be limited to specific sections of the bid identified by JPS and, if held, will be after initial evaluation of the bids. If clarifications are made as a result of such discussion, the Bidder will submit such clarifications electronically. Refusal to respond to JPS' request for clarifications may be considered non-responsive and be used as grounds for rejection of the bid.

## 6.6 Contract Award

The award will be based on the proposal that is most responsive to the requirement of JPS and that which will offer the greatest value for JPS.

Issuance of this Bid does not constitute a commitment by JPS to award any contract or to perform the research services as per the Offer made in response to this RFP.

JPS reserves the right to invite any or all Bidders to make an in-person presentation.

## 7. BIDDER QUALIFICATIONS AND REQUIREMENTS

Your quote should include, but not limited to:

- a) **Manufacturers' lead time**
- b) **Terms of payment: JPS's standard terms of payment: Invoice**

### 1. Overseas suppliers

*Payment shall be effected within 90 days after receipt and acceptance by JPS.*

The preferred payment term for JPS to its Supplier is through open account, net 60 days. Should the supplier not opt to have payment made via open account, a 5% charge will be added to the bidders' payment proposal in the evaluation process.

### 2. Local suppliers

Payment shall be effected within 30 days of receipt and acceptance by JPS.

The preferred payment term for JPS to its Supplier is through open account, net 30 days. Should the supplier not opt to have payment made via open account, a 5% charge will be added to the bidders' payment proposal in the evaluation process.

### **c) Delivery**

#### **1. Local suppliers**

It is the responsibility of the Seller to obtain at their expense:

- all licenses
- customs formalities
- transport associated with the delivery of the goods to JPS

The Seller shall bear all risks of loss of or damage to the goods until such time as they have been delivered to JPS.

The Seller must provide the goods, the payment invoice and delivery slip in conformity with the contract and any other evidence of conformity; (example test certificates,) which may be required by the contract.

#### **2. Overseas suppliers**

The Supplier shall be entirely responsible for all taxes, duties, license fees, port charges and other such levies imposed by the country of origin. Goods will be delivered CIF Kingston Jamaica in accordance with Incoterms 2020.

### **d) Warranty Terms**

The Supplier warrants that the goods supplied under the Contract are new, unused, of the most recent or current models and incorporate all recent improvements in design and materials unless provided otherwise in the Contract. The Supplier further warrants that the Goods supplied under this Contract shall have no defect arising from design, materials or workmanship (except insofar as the design or material is required by the Purchaser's Specifications) or from any act or omission of the Supplier, that may develop under normal use of the supplied Goods in the conditions obtaining in the country of final destination.

This warranty shall remain valid for a minimum of twelve (12) months after the Goods, or any portion thereof as the case may be,

have been delivered (and commissioned) to the final destination indicated in the Contract.

The Purchaser shall promptly notify the Supplier in writing of any claims arising under this warranty.

Upon receipt of such notice, the Supplier shall, depending on which of the methods can be achieved more expeditiously with reasonable speed, repair or replace the defective Goods or parts thereof, without costs to the Purchaser and under the terms and conditions as if the replacement Goods or parts were being delivered to the Company for the first time.

If the Supplier, having been notified, fails to remedy the defect(s) within a reasonable period, the Purchaser may proceed to take such remedial action as may be necessary, at the Supplier's risk and expense without prejudice to any other rights which the Purchaser may have against the Supplier

- e) **Specification:** Notwithstanding the attached information. All drawings and technical literature detailing the description of the product being offered **must** accompany the Bid (MSDS etc.).
- f) **Incoterms should be clearly stated and at a minimum include CIF Kingston for tangible goods.**

## 8. GENERAL CONDITIONS OF CONTRACT

Bidders are required to provide the following in their submissions where applicable:

- Licensing Support Agreement
- One time as well as recurring costs

### 8.1 Proprietary Content

JPS understands that certain elements of the Bidder's proposal may contain information, including pricing, that is competitively sensitive. JPS acknowledges that all information furnished in the proposals will be for the exclusive use of JPS, in evaluating and selecting



a Contractor for the supply of goods and services all parties will respect the sensitive nature of that information in accordance with sound commercial practices.

## 8.2 Prices

Prices listed by the Bidder of the service to be provided under the Contract shall not, with the exception of any price adjustments authorized, negotiated and agreed on by Contractor and JPS, vary from the prices quoted by the Contractor in its bid.

## 8.3 Terms of Payment

The JPS shall pay the Contractor for the services within sixty (60) days of receipt of the Contractor's undisputed invoice.

## 8.4 Contract Amendments

No variation in or modification of the terms of the Contract shall be made except by written amendment signed by the duly authorized agents of both parties.

## 8.5 Subcontract

The Contractor shall notify the JPS in writing of all subcontracts awarded under the Contract if not already specified in his bid. Such notification, in his original bid or later, shall not relieve the contractor from any liability or obligation under the Contract with the JPS.

If the bidder submitting a proposal must outsource or contract any work to meet the requirements contained herein, this must be clearly stated in the proposal. Additionally, all costs included in proposals must be all-inclusive to include any outsourced or contracted work. Any proposals which call for outsourcing or contracting work must include a name and description of the organizations or persons being contracted.

## 8.6 Delays in the Contractor's Performance

If at any time during the performance of the Contract, the Contractor or its subcontractor(s) should encounter conditions impeding timely performance of the services, the Contractor

shall promptly notify the JPS in writing of the fact of the delay, its likely duration and its cause(s). As soon as practicable after receipt of the Contractor's no-tice, the JPS shall evaluate the situation and may at its discretion extend the Contractor's time for performance, in which case the extension shall be ratified by the parties by amendment of the Contract, or terminate the Contract in accordance with the pro-vision of clause

## 8.7 Penalties

Failure to submit the Deliverables to the Company within the timelines specified will result in the Contractor being liable to the company payments of sums equivalent to ten percent (10%) of the value of compensation payable by the Company in respect of such Deliverable.

## 8.8 Termination

The JPS may, without prejudice to any other remedy for breach of contract, by written notice of default sent to the Contractor, terminate the Contract in whole or in part:

- (a) If the Contractor fails to perform any other obligation(s) under the Contract.
- (b) The JPS may by written notice sent to the Contractor, terminate the Contract, in whole or in part, at any time for its convenience by giving seven (7) working days' notice. The notice of termination shall specify that termination is for the JPS's convenience, the extent to which performance of work under the Contract is terminated, and the date upon which such termination becomes effective.

## 8.9 Force Majeure

The Contractor shall not be liable for liquidated damages or termination for default, if and to the extent that, the delay in performance or other failure to perform its obligations under the Contract is the result of an event of Force Majeure.

For the purposes of this clause, "Force Majeure" means an event beyond the control of the Contractor and not involving the Contractor's fault or negligence and not foresee-able. Such events may include, but are not restricted to, acts of the JPS either in its sovereign or

contractual capacity, wars or revolutions, fires, floods, hurricanes, epidemics, quarantine restrictions and freight embargoes.

If a Force Majeure situation arises, the Contractor shall promptly notify the JPS in writing of such condition and the cause thereof. Unless otherwise directed by the JPS in writing, the Contractor shall continue to perform its obligations under the Contract as far as is reasonably practical, and shall seek all reasonable alternative means for performance not prevented by the Force Majeure event.

## Appendix I

### REQUEST FOR PROPOSAL (RFP)

### FIRE SUPPRESSION SYSTEM

RFP# 974679

### GENERAL INFORMATION

Name of Organization: \_\_\_\_\_

Address: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Key Contact: \_\_\_\_\_

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

Telephone Numbers: \_\_\_\_\_  
\_\_\_\_\_

Email Address: \_\_\_\_\_

## Appendix II (Specifications)

### RELAY BUILDING FIRE SUPPRESSION SYSTEM

## 9. Specification

### 9.1 LOCATION

Jamaica Public Service Company substations at:

- Upper White River – St. Mary
- Oracabessa – St. Mary
- Rhoden’s Pen – St. Catherine

### 9.2 SCOPE OF WORK

This Scope of Work (SOW) document covers the provision of Engineering, Installation and commissioning set out in the rate schedule. The contractor will be responsible to provide material, equipment, design, engineering and labour for the installation, testing and commissioning of dry/clean agent fire detection, alarm and suppression system for the Upper White River, Rhoden’s Pen and Oracabessa Substation Relay Houses:

1. Relay House/Control room (*includes solid state and computerized electrical equipment and lighting*)
2. Battery Room/Battery Storage section
3. Wash Room

#### **The following requirements shall be met:**

- a) Site visit by contractor/supplier to properly scope and determine layout, piping arrangements, electrics and controls for the engineering design and installation of the environmentally friendly fire detection, alarm and suppression system. **Failure to visit the site will result in bid not being accepted.**
- b) The design criteria shall specifically include but shall not be limited to:
  - Hazard Occupancy
  - Fire Hazard class type
  - Space volume
  - Operating temperature specifications
  - Agent concentration/agent required, type

- Local detection and alarm/control panel device(s) with remote communication via SCADA to system control office at Washington Boulevard, Kingston
- c) Design & Equipment must meet the most recent code requirements to include but not limited to:
- National Fire Protection Association (NFPA)
    - NFPA 1 Fire Code
    - NFPA 3: Recommended Practice on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems
    - NFPA 2001/2008 Standard on Clean Agent Fire Suppression Systems
    - NFPA 72 National Fire Alarm and Signaling Code
  - The IBC/ Jamaica Building Code for clean agent systems as applicable
- d) The suppression system shall be equipped with a manual abort apparatus. This apparatus shall be easily identifiable.
- e) Dimensions of suppression system tanks shall be specifically stated and shall be able to fit within the relay house without affecting normal relay house operations.
- f) System shall be able to use auxiliary voltage of 110V A.C.
- g) Labour rates shall be based on the following requirements: Monday to Friday – 9:00am to 4:00pm excluding holidays.

### 9.3 Work Procedures

The Contractor will be periodically assessed/evaluated for compliance by JPS appointed personnel and shall cooperate as necessary. The Contractor shall immediately provide any documentation (or copies) required by the JPS appointed personnel for evaluation and verification of compliance with the requirements herein. Upon discovery, the Contractor shall immediately notify JPS about any problems that could or would prevent the Contractor from performing this Scope of Work in accordance to the Inspection Requirements or Service Level Agreement.

### 9.4 General Inspection Requirements

The prescribed works must be completed at the facility as per the agreed Standard. The Engineering, Procurement, Installation and commissioning of Fire Detection, Alarm/Notification & Suppression System must include at a minimum the requirements listed below and any other requirement outlined under the applicable NFPA code or by the equipment manufacturer. The standards include but shall not be limited to:

1. National Fire Protection Association (NFPA)
  - a. NFPA 1 Fire Code

- b. NFPA 3: Recommended Practice on Commissioning and Integrated Testing of Fire Protection and Life Safety Systems
  - c. NFPA 2001/2008 Standard on Clean Agent Fire Suppression Systems
  - d. NFPA 72 National Fire Alarm and Signaling Code
2. The IBC/ Jamaica Building Code for clean agent systems as applicable JPS Contractor HSSE requirement (Appendix 1) inclusive of Hazard ID, Hazard & Risk Controls tool uses during the course of the project implementation and associated site visits before, during and after the project commissioning.

### 9.5 Personal Protective Equipment, Tools and Equipment

The Contractor and all Contractors' employees shall wear the appropriate Personal Protection Equipment (PPE) when performing the Services. Failure to wear appropriate PPE constitutes a breach of contract. Basic PPE requirements to be met include but shall not be limited to:

- Safety Hats (Class E rated helmets)
- Safety glasses/Goggles/face shields
- Safety boots
- Hearing Protection (Ear plugs or muffs)

Other task specific PPE shall be used to assist in controlling hazards

### 9.6 Occupational Health, Safety and Environment (OHSE) Policy

The contractor will be expected to abide by JPS OHSE Policy and Procedures. Contractor must conform to all Government of Jamaica (GOJ) COVID-19 Proto-cols.

### 9.7 DELIVERY

The expected delivery is 12 weeks after receipt of purchase order to commission system

## Appendix III (Schedule of Requirements)

**Jamaica Public Service Company Limited  
Substation Relay Houses Fire Alarm Suppression System  
Schedule of Requirements**

Item	Equipment Description	Unit	Qty.	Unit Price	Total Cost
1	<b>Fire Detection &amp; Suppression Equipment Oracabessa S/S</b>	EACH			
2	<b>Fire Detection &amp; Suppression Equipment Upper White River S/S</b>	EACH			
3	<b>Fire Detection &amp; Suppression Equipment Rhoden's Pen S/S</b>	EACH			
4	Engineering	LOT			
5	Labour and Supervision	LOT			
6	Accommodation, Subsistence and Transport	LOT			
7	Testing and Commissioning	LOT			
8	GCT	LOT			
<b>TOTAL COST (\$)</b>					
<b>CURRENCY(JMD/USD)</b>					

Notes:

1. The validity of prices shall be for a period of Ninety (90) days  
Bidders Proposal: \_\_\_\_\_ Days
  
2. The delivery of Commission system to JPSCo. shall be Twelve (12) weeks A.R.O  
Bidders Proposal: \_\_\_\_\_ WKs ARO

Bids shall be submitted to JPS Purchasing Dept. no later than **Tuesday, April 9<sup>th</sup> 2024**

**Total Cost:**            \$ \_\_\_\_\_

**Currency:**            \_\_\_\_\_

**Name of Bidder:**    \_\_\_\_\_

**Address of Bidder:** \_\_\_\_\_

**Bidder's Signature:** \_\_\_\_\_