



**JAMAICA PUBLIC SERVICE COMPANY  
LIMITED**

**ADDENDUM # 1**

**NEW SPUR TREE SUBSTATION DISTRIBUTION  
TRANSFORMER PROJECT**

**RFP# 893146**

**SUPPLY 24KV AIR-INSULATED SWITCHGEAR  
WITH VACUUM CIRCUIT BREAKERS**

October 2021

Issued by: Purchasing and Customs

Question and Answers.

- 1- When you mentioned “ARC protection” are you requesting that the Switchgear will have the standard internal arc classification or that Relays has ARC Flash sensors for ARC Protection?

JPS Response: Please quote for standard arc classification with Arc Flash sensors both

**Option 1:**

The equipment consists of one (1) 24-Kv, 1200 amp, metal-clad air insulated Switchgear with ARC protection complete with two (2) feeder vacuum circuit breakers as shown in drawing # NST SK - 01 and include special tools for assembly and maintenance and recommended spares.

- 2- Is it possible to offer Switchgear manufactured under IEC standard?

JPS Response: No

- 3- Is it possible to offer Gas insulated Switchgear manufactured under ANSI standard?

JPS Response: No

- 4- In case that Standard IEC will be accepted, the paint of the switchgear could be gray RAL 7035?

JPS Response: N/A

- 5- In the point IB.10 of the bid document it has mentioned a “Schedule of Delivery” but there is no a document in the annexes as an example of this schedule, could you share this schedule form?

JPS Response: Forms attached

- 6- Would you accept an IEC standard version or just ANSI?

JPS Response: Ansi only

- 7- ABB can provide the SWGr’s plus the commissioning, for the installation and connection on-site, would it be possible for JPS do the service (requesting it to a local contractor)?

JPS Response: Not required

- 8- It shows a 1200A rating on the incoming. Is 800A switchgear acceptable?

JPS Response: **Incoming to be 1200A**

9- The spec specification calls for air insulated switchgear. Is solid dielectric acceptable?

JPS Response: **Air insulated switchgear required**

10- The system characteristics shows 150kV BIL. The 27kV switchgear is 125kV, to get 150kV BIL we need to quote 38kV design. Is this acceptable?

JPS Response: **We require 150kV BIL**

11- The single line drawings show overcurrent protection by 651 relays on the two load Ways. Can we change this? We use the 651 for recloser applications. We can use 451 or 751 instead. Is this acceptable?

JPS Response: **No. SEL 651R is required, it is being used as a recloser. Must be capable to do single pole tripping.**

12- Please confirm the KV BIL rating of the switchgear. The standard rating for 27 KV indoor switchgear is 125 KV BIL, however, TESCO knows JPS prefers 150 KV BIL on outdoor equipment. Please keep in mind if JPS wants 150 KV BIL then the requested option with the primary switch will not work since the highest amp rating at 150 KV BIL would be 800 amps. If 800 amps is OK with JPS then this option can be quoted. Please advise.

JPS Response: **150 is required**

13- Please note the option with the main switch; the main switch will be manual operation only with provision to padlock the switch in either the open or closed position. Please confirm this is acceptable.

JPS Response: **Acceptable**

14- The JPS spec calls for PT's on each side of the 24 KV bus. However, the single line drawing shows only (1) set of PT's. Please advise how to proceed.

JPS Response: **Please provide two sets of PT's. One per feeder recloser. The single line, line diagram is to be adjusted to reflect same.**

15- The client recommended SEL651R relay part number provided by the specification needs the following clarification:

- a. The client part number is missing the spec requested 68, 46, 74, 86 protection functions. Please clarify?

JPS Response: **Please supply the 651R relay to offer the functionality**

- b. Please clarify the requirement for U, I, P, Q, S, PF, and Energy. Was this expected in the SEL651R relay or a separate metering device?

JPS Response: **Separate metering device not required. 651R will provide all telemetry required**

- c. It is understood we will be using a 3-phase VCB, how or why is 'single-pole tripping' requested for this switchgear?

JPS Response: **The switchgear will be functioning as a recloser. Single pole tripping functionality is required**

JPS Note. **The SEL651R relay will be used for feeder (recloser) protection. There are a number of protection functions available as part of the relay. We will enable the required functions as necessary. We are comfortable with the functions SEL has provided within this relay.**

**This SEL 651R has the ability to enable single pole tripping functionality. We employ single pole tripping for a number of reclosers in our distribution system and would like this indoor switchgear to have this functionality**

- 16- It is not clear whether we are to SUPPLY, INSTALL and do TESTS & COMMISSIONING or to simply SUPPLY and TEST & COMMISSION – please advise if INSTALLATION is to be included?

JPS Response: **Supply only. Installation, test and commissioning not to be included**

- 17- Price of goods to be quoted as CIF port Jamaica (page 13) however on page 54 it is mentioned "The marine insurance shall be in an amount equal to 110% of the CIF value of the goods from "warehouse to warehouse" on "All Risks" basis including War Risks and Strike clauses." Please advise?

JPS Response: **This speak to the insurance under the INCOTERM CIF.**

- 18- Page 12 mentions "The price of the goods shall be quoted CIF Kingston Port, Jamaica (excluding import duties, consular fees and port taxes);" but page 49 says "A foreign Supplier shall be entirely responsible for all taxes, stamp duties, license fees, and other such levies imposed outside the Purchaser's country." Please advise?

JPS Response: **This speaks to all fees payable to leave exporting country.**

- 19- Page 17 "Bids shall remain valid for **one hundred and twenty days (120) days** after the date of bid opening prescribed by the Purchaser". Meaning validity 120 days from the 5<sup>th</sup> of October when the purchaser should open all received bids. The material pricing these days is very volatile, hence Suppliers and manufacturers are not able to hold their prices for

more than 30 days (often even less), hence it will not be possible to keep the pricing for 120 days!

JPS Response: **Bids value for ninety Days (90) days**

Addendum

IB.20.1 Bids must be received by the Purchaser at the address specified under paragraph IB.19.1 no later than 11:59 pm Eastern Standard Time on **Tuesday, November 9, 2021.**

<b>RFP CALENDAR</b>		
<b>ACTIVITY</b>	<b>DUE DATE</b>	<b>RESPONSIBILITY</b>
RFP date	October 5, 2021	JPS
Bidder submits questions on RFP	October 14, 2021	Bidder
Final date to respond to all queries	October 25, 2021	JPS
Bidder provide their intension to Bid	October 29, 2021	Bidder
Completion of RFP and deadline for submission of bids to JPS	November 9, 2021	Bidder
Bid Opening	November 10, 2021	JPS

**IB.23 OPENING OF BIDS BY PURCHASER**

IB.23.1 The Purchaser will open bids privately, **November 10, 2021** at:

**Jamaica Public Service Company Limited,**

113 Washington Boulevard

Kingston 20, Jamaica