

# KENYA PIPELINE COMPANY LIMITED



KENPIPE PLAZA,  
SEKONDI ROAD,  
OFF NANYUKI ROAD,  
INDUSTRIAL AREA,  
NAIROBI, KENYA.  
P.O.Box 73442 -  
00200,  
TELEPHONE: 254-20-  
2606500  
TELEFAX: 254-20-  
8040188/3540032  
E-mail:  
Info@kpc.co.ke

**KPC/PU/OT – 069/I&C/NBI/23-24**

**14<sup>TH</sup> MARCH 2024**

## TO ALL BIDDERS

Dear Sirs,

**RE: ADDENDUM NO. 2- TENDER FOR THE SUPPLY, INSTALLATION AND COMMISSIONING OF FIRE ALARM SYSTEMS FOR PS1, PS12, PS14, PS3, PS5, PS7, PS9, PS10, PS25, PS 27 AND PS28**

Kenya Pipeline Company would like to make the following clarifications and addenda on the above subject matter:

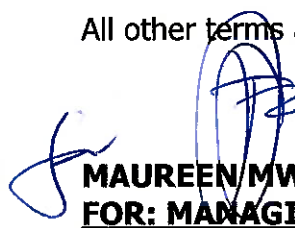
1.	<p>Regarding the infrared and ultraviolet flame detector specification, there is no detector in the market that can meet all the requirements specified in the tender documents. In particular there are two parameters.</p> <p>Response time of 20msec to flash fire. This kind of response time is from "Ultra high speed" flame detectors. Only a few models from SPECTREX (USA) which are extremely high priced have this response time. This kind of Ultra high speed one is only for military purpose. The typical flame detectors response time for commercial use is 3 to 5sec.</p> <p>"Detection range &gt;60m"- The combination of UV and IR sensors as requested in the tender</p>	<p>The UV and IR flame detector is to be deployed in hazardous environment as per oil and gas standards. KPC expects the bidder to supply as per the specifications given in the tender document.</p> <p>Response time of 2-5 sec is acceptable.</p> <p>Detection range remains as per tender specifications &gt;60m</p>
----	---	--

	specification limit the range to about 28metres. 60m range and higher is only achieved with pure IR sensors.	
2	<p>PS27 Eldoret</p> <ul style="list-style-type: none"> <li>❖ Receiving trucks gatehouse should have 1-loop for the devices within.</li> </ul>	Addressed in Addendum No. 1
3	<p>PS7 Sultan Hamud</p> <ul style="list-style-type: none"> <li>❖ There are cables but no linear heat detector on the BOQ for the underneath equipment.</li> <li>❖ There're no intrinsically Safe Flame detectors on the tender BOQ for old pump station. Should we consider or we omit.</li> </ul>	<p>Linear heat sensing cable is included in the BOQ for PS7 as per the tender document.</p> <p>Flame detector is not part of the BOQ for PS7</p>
4	<p>PS5 Mtitio Andei</p> <ul style="list-style-type: none"> <li>❖ There are cables but no linear heat detector on the BOQ for the underneath equipment.</li> <li>❖ There're no intrinsically Safe Flame detectors on the tender BOQ for old pump station. Should we consider or we omit.</li> </ul>	<p>Linear heat sensing cable is included in the BOQ for PS5 as per the tender document.</p> <p>Flame detector is not part of the BOQ for PS5</p>
5	<p>PS3 Maungu</p> <ul style="list-style-type: none"> <li>❖ There're no intrinsically Safe Flame detectors on the tender BOQ for old pump station. Should we consider or we omit.</li> <li>❖ There are cables but no linear heat detector on the BOQ for the underneath equipment.</li> <li>❖ On the BOQ there is only 1-roll of cat6 for communication which is not even halfway the distances.</li> </ul>	<p>Flame detector is not part of the BOQ for PS3</p> <p>Linear heat sensing cable is included in the BOQ for PS3 as per the tender document.</p> <p>Suitable FOC cables are allowed for</p>

	<p>From old control room to main gatehouse is 500m and again from old control room to domestic (staff houses) area is 1.1km where the outdoor sounder is to be installed. We do propose FOC on these areas for real time response in case of fire.</p>	<p>distances more than 100m between buildings.</p>
6	<p>PS28 Kisumu</p> <ul style="list-style-type: none"> <li>❖ On Jetty loading area, there should be 1 loop FCP for adequate communication and response since distance between the area and where the other panel is (jetty gatehouse) is not able to support.</li> </ul>	<p>This has been addressed in addendum No 1. Additional schedule of sensors and materials</p>
7	<p>In some sites we have integrations with ESD system, we request to be furnished with more info on how the integration can be done i.e. if datasheet can be provided.</p>	<p>The bidder is expected to integrate the fire alarm output of the supplied FACP panel into the existing ESD/PLC control system.</p>
8	<p>Some sites have existing FACP (Existing) we would like to know the scope of integration i.e. who will handle integration from the existing panel.</p>	<p>KPC expects the bidder to integrate the Fire alarm output of the supplied FACP panel into the existing FACP panel for annunciation and vice versa.</p>
9	<p>Ps1 Line 1 control room is not manned as it is not operational. The initial arrangement was to mount the Fire Alarm panel in the Line 1 control room.</p>	<p>The Main FACP will be located in the Administration building with an extension panel at the Line 1 control room.</p>
10	<p>For PS14, the Line V switch room fire panel was not clear where to be mounted; whether in the Line V building or in the control room building.</p>	<p>Extension FAP will be mounted at the Line V switch room building together with the Flame detector panel. It will be possible to reset the panel from the Main FACP at the control building.</p>

11	On page 134/302 and 135 /302 sections 2.9. GRAND SUMMARY	Bidder is required to use the KPC revised pricing schedule provided in section 2.9 GRAND SUMMARY (see Revision 1.1 below)
12	Extension of Time	<p>The tender has been extended so as to close on 19<sup>th</sup> March 2024 at 10.00 a.m.</p> <p>The Tender security Period will be tabulated from <b>15<sup>th</sup> March 2024</b></p>

All other terms and conditions remain the same

  
**MAUREEN MWENJE**  
**FOR: MANAGING DIRECTOR**

/jo

### **ADDITIONAL SCHEDULE OF SENSORS AND MATERIALS**

#### **PS3 Maungu (New Gate House )**

<b>No.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY.</b>	<b>Unit price (KES)</b>	<b>Total (KES)</b>
1.	Fire Alarm Panel Extension – Single loop	No.	1		

#### **PS5 Mtito Andei**

<b>No.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY.</b>	<b>Unit price (KES)</b>	<b>Total (KES)</b>
1.	Addressable optical smoke detectors complete with fixing/base assembly	No.	2		

#### **PS7 Sultan Hamud – Line V Building**

<b>No.</b>	<b>DESCRIPTION</b>	<b>UNIT</b>	<b>QTY.</b>	<b>Unit price (KES)</b>	<b>Total (KES)</b>
1.	Audible sounders (outdoor) complete with fixing assembly	No.	2		

## **REVISIONS**

### **Revision 1.1**

#### **2.9 GRAND SUMMARY**

<b>Item</b>	<b>Description</b>	<b>Total Price</b>
1	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 1	
2	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 12	
3	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 14	
4	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 3	
5	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 5	
6	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 7	
7	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 9	
8	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 10	
9	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 25	
10	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 27	
11	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 28	
12	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING AND FAT & TRAINING FOR PS 1A	
13	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING FOR PS 14A	

14	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING FOR PS 3A	
15	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING FOR PS 5A	
16	SCHEDULE OF MATERIAL REQUIREMENTS, INSTALLATION, TESTING & COMMISSIONING FOR PS 7A	
17	SYSTEM DOCUMENTATION (All Stations)	
<b>SUB-TOTAL (BIDDER'S COSTS) =A</b>		
<b>CONTINGENCY (amount at 10% of bidders cost) = B</b>		
<b>SUB TOTAL = A+B</b>		
<b>16 % Value Add Tax of (A+B)</b>		
<b>GRAND TOTAL = (A+B+VAT):</b> <i>(to be carried to the Form of Tender). Contingency cost will be payable subject to approval by KPC.</i>		

Note 1: Contingency amount (unless authorized) will not be included in the contract price payable to the contractor.

Contract Price: Bidder's costs (A) + Contingency (B) (If authorized) + VAT.

Note 2: Contingency cost will be utilized only after recommendation by the contract implementation team in KPC and approval by the accounting officer.

