



KENYA ELECTRICITY GENERATING COMPANY LIMITED

KGN-HYD-029-2016. TENDER FOR DESIGN, SUPPLY, INSTALLATION, TEST AND COMMISSIONING OF DELUGE FIRE PROTECTION SYSTEMS FOR GENERATOR AND STATION TRANSFORMERS IN 7 FORKS POWER STATIONS.

21st Nov, 2016.

CLARIFICATION NO. 1

In accordance with **tender for design, supply, installation, test and commissioning of deluge fire protection systems for generator and station transformers in 7 forks power stations**, KenGen wishes to issue clarification No.1 in response to bidders questions raised during the mandatory site visit held on 17th Nov 2016.

Table 1

Item	Specs	Section	Clause and page	Question	KenGen Clarification
1	Technical specifications	Section F	1.2 page 69	Location of fire detection control panel and power	Control panels shall be located in the Control room as per tender clause 1.2 page 69. The bidder will provide all Power connection accessories including cabling. KenGen will provide Power take off point within the station.
2	Drawings of the layout			Drawings for the site layout for each station	The drawings are attached as listed Site drawings for the stations and approximate dimensions, tank size and specs, control cubicle for: Masinga Kamburu Gitaru Kindaruma Kiambere Control cubicle dimensions Water tank details

Item	Specs	Section	Clause and page	Question	KenGen Clarification																												
3				Water deluge system or water mixed with foam	The deluge fire protection system is <i>water deluge system</i>																												
4				New pumps for all stations?	As per the tender doc																												
5			Transformers dimensional drawings		The measured dimensions are as below. Where manufacturer drawings are available, they are attached.																												
	Section E- Technical Specifications		Clause 3.4 page 62		Replace the email with injuguna@kengen.co.ke knjuguna@kengen.co.ke Add email skireri@kengen.co.ke																												
	Masinga Transformers Dimensions <i>Manufacturer Dimensional drawing for Gen TX 1 and 2 attached</i>			<table border="1"> <thead> <tr> <th>Masinga</th> <th>L (mm)</th> <th>W (mm)</th> <th>H (mm)</th> </tr> </thead> <tbody> <tr> <td>Gen Tx1</td> <td>4050</td> <td>1500</td> <td>2530</td> </tr> <tr> <td>Gen Tx2</td> <td>3300</td> <td>1950</td> <td>3040</td> </tr> <tr> <td>Stn Tx1</td> <td>1220</td> <td>600</td> <td>2020</td> </tr> <tr> <td>Stn Tx1</td> <td>1220</td> <td>600</td> <td>2020</td> </tr> </tbody> </table>	Masinga	L (mm)	W (mm)	H (mm)	Gen Tx1	4050	1500	2530	Gen Tx2	3300	1950	3040	Stn Tx1	1220	600	2020	Stn Tx1	1220	600	2020									
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	Kiambere Transformers dimensions				Gitaru	L (mm)	W (mm)	H (mm)	
					Gen Tx1	7300	4050	4750	
						Gen Tx2	7250	5500	4900
						Stn Tx1	1798	1892	2345
						Stn Tx2	1798	1892	2345

ACKNOWLEDGEMENT OF CLARIFICATION NO. 1

We, the undersigned hereby certify that the Clarification is an integral part of the document and has been incorporated in the tender.

Document.

Signed

Tenderer:

Date