



KENYA ELECTRICITY GENERATING COMPANY LIMITED
KGN-GDD-068-2017
TENDER FOR FABRICATION AND SUPPLY OF
PORTABLE SILENCERS FOR GEOTHERMAL DEVELOPMENT DIVISION

CLARIFICATION NO. 1 – RESPONSE TO BIDDERS QUERIES

Date: 18th July 2017

In accordance with the **TENDER FOR FABRICATION AND SUPPLY OF PORTABLE SILENCERS FOR GEOTHERMAL DEVELOPMENT DIVISION, KenGen hereby issues Clarification No.1**

Portable Silencer - Type-1 (Cyclonic)					
#	DRG NO.	Part No.	Description	Queries	KenGen Response
			In the NOTES it is specified that 40% open area SS material must be used on the acoustic tubes	None of the items in any of the drawings are labeled as acoustic tubes. Are these the 400 Ø steam pipes? If not, which are these tubes?	Yes the 400 Ø steam pipes and the 200 Ø steam pipes
	1		The drawing shows two sizes of circles on the top plate in the plan view. The big circles (400 Ø) are the steam tubes	There is no mention of what the small circles (200 Ø) are. Are these mere openings on the top plate?	These are 200 Ø steam pipes also referred to as acoustic tubes
	1	3	Cyclone Breaker Drum	What is the height of the cyclone breaker drum?	Please refer to CROSS SECTION A – A; with repeated baffle spacing and size
	3	7	2" x 2" Angle Line – 4 nos	Drawing not clear as to the details	Please note that it is not part 7 but part 5. The extent is to the OD of the baseplate as per the drawing. Part 7 is the

					anchoring bar and it extends from the support pipe-refer to End view drawing part1
	4	1	Baffle Plates	What is the profile of the baffle plates?	Please refer to drawing TYPE 1 CROSS SECTION A – A and SECTION B - B
	4	1	Baffle Plates	What are the dimensions (W x L x T) of the baffle plates?	Please refer to drawing TYPE 1 CROSS SECTION A – A and SECTION B - B
	4	1	Baffle Plates	Is the quantity (number of) of the baffle plates 48?	Yes
	5	8	Outer Shell	Is this item same as item no 5 in drawing 1? (Thickness is different)	No, Upper drum is only composed of shell plate but the lower drum has outer and an inner shell plate
	5	13	Erosion Shield	Drawing not clear as to the details (thickness, height etc)	Thickness 21 inch, height and radius is as per the drawing SECTION B – B and detailed notes
			Portable Silencer - Type-2 (Containerized)		
	2	6	Standard 20' Container	Should the 20' Container be brand new? (Or can it be second-hand, but without damages, fit for use?)	Yes it can be brand new or second-hand, but without damages
	3	4	Standard 40' Container	Should the 40' Container be brand new? (Or can it be second-hand, but without damages, fit for use?)	Yes it can be brand new or second-hand, but without damages
	7		Detail C	The drawing no 7 says 10 nos of cover plates are required. (The drawing no 1 shows only one cover plate).	10 Nos required as specified in the drawing

	8		Perforated Plates	What is the thickness of the perforated plates?	6mm thickness
	10		Liner Plates Anchor	What's the difference between parts 8 & 9?	It's the same item, in different views

Question :

Type	Detail	Drawing	Question detail	Answer
Silencer type 1	A		<ol style="list-style-type: none"> 1. Please inform us for Inside diameter of Flange 2. Please inform us for quantity 3. Material shall be applied SS400, is this acceptable? 4. Stiffenner shall be excluded? Please advise 5. Please inform us for paint specification. 	<p>1550mm</p> <p>Web 8 Nos, Flange as per the drawing</p> <p>Material as per specification is only acceptable</p> <p>no</p> <p>2 layers primer then Pantone cool grey 6 C</p>
	B		<ol style="list-style-type: none"> 1. Please inform us for Inside diameter of Flange 2. Please inform us for quantity 3. Material shall be applied SS400, is this acceptable? 4. Stiffenner shall be excluded? Please advise 5. Please inform us for paint specification. 	<p>Full plate as per the drawing</p> <p>Web 8 Nos, Flange as per the drawing</p> <p>Material as per specification is only acceptable</p> <p>no</p> <p>2 layers primer then Pantone cool grey 6 C</p>
	C		<ol style="list-style-type: none"> 1. Please inform us for plate thickness. 2. Please inform us for quantity 3. Material shall be applied SS400, is this acceptable? 4. Please inform us for paint specification. 	<p>1 inch</p> <p>n/a, same part as D and I</p> <p>Material as per specification is only acceptable</p> <p>2 layers primer then Pantone cool grey 6 C</p>
	D		<ol style="list-style-type: none"> 1. Please inform us for all dimension on part 2. Please inform us for plate thickness. 3. Please inform us for quantity 4. Material shall be applied SS400, is this acceptable? 5. Please inform us for paint specification. 	<p>shown in detail c</p> <p>1 inch</p> <p>4</p> <p>Material as per specification is only acceptable</p> <p>2 layers primer then Pantone cool grey 6 C</p>
	E		<ol style="list-style-type: none"> 1. Material shall be applied SS400, is this acceptable? 2. Please inform us for paint specification. 3 Can we change thickness from 1" to 25mm ? 	<p>Material as per specification is only acceptable</p> <p>2 layers primer then Pantone cool grey 6 C</p> <p>yes</p>
	F		<ol style="list-style-type: none"> 1. Material shall be applied SS400, is this acceptable? 2. Please inform us for paint specification. 3 Can we change thickness from 1" to 25mm ? 	<p>Material as per specification is only acceptable</p> <p>2 layers primer then Pantone cool grey 6 C</p> <p>yes</p>
	G		<ol style="list-style-type: none"> 1. Material shall be applied SS400, is this acceptable? 2. Please inform us for paint specification. 3 Can we change thickness from 1" to 25mm ? 4. Please inform us for all dimension of Anchoring PI 	<p>Material as per specification is only acceptable</p> <p>2 layers primer then Pantone cool grey 6 C</p> <p>yes</p> <p>Holes center lines at 40mm from both ends</p>
	H		<ol style="list-style-type: none"> 1. Material shall be applied SS400, is this acceptable? 2. Please inform us for paint specification. 	<p>Material as per specification is only acceptable</p> <p>2 layers primer then Pantone cool grey 6 C</p>
	I		<ol style="list-style-type: none"> 1. Please inform us for all dimension on part 2. Please inform us for plate thickness. 3. Please inform us for quantity 4. Material shall be applied SS400, is this acceptable? 5. Please inform us for paint specification. 	<p>shown in detail c</p> <p>1 inch</p> <p>4</p> <p>Material as per specification is only acceptable</p> <p>2 layers primer then Pantone cool grey 6 C</p>

ACKNOWLEDGEMENT OF CLARIFICATION NO.1

We, the undersigned hereby certify that the Clarification is an integral part of the document and the alterations set out in the Addendum have been incorporated in the tender proposal.

Signed.....

Tenderer.....

Date