



KenGen

KENYA ELECTRICITY GENERATING COMPANY LIMITED PLC

RFx: 5000012644

KGN-GDD-056-2023

**TENDER FOR CONNECTION OF MAKEUP WELLS OW-50A, OW-50B & OW-50C
TO OLKARIA IAU POWER PLANT.**

OPEN INTERNATIONAL

26th May 2023

Clarification No.5

In accordance with the **Tender for Connection of Makeup Wells OW-50A, OW-50B & OW-50C**, KenGen issues an **Clarification No.5** as follows:

NO	REFERENCE TO BIDDING DOCUMENT	CLARIFICATION SOUGHT	KenGen RESPONSE
1	<p># PAGE 128 The Specifications should require that all materials, plant, and other supplies to be permanently incorporated in the Works be new, unused, of the most recent or current models,...</p> <p># PAGE 130 3.1 General All materials and equipment furnished shall be:</p> <ul style="list-style-type: none">• New and undamaged when installed <p># PAGE 193 1.12 Materials All materials shall be new and of the best quality for use in the conditions and</p> <p># PAGE 209 8.1 General All goods shall be new and unused.</p> <p># PAGE 310</p>	<p>According to the Bid requirements, All materials shall be NEW and unused.</p> <p>Please confirm that the materials imported/bought few years back (say year 2020 or earlier) but UNUSED like NEW can be considered for use in the project.</p>	<p>The date of manufacture of the materials shall not be earlier than the base date of the contract.</p>

	<p>1.4.2 New/Virgin Materials Only new/virgin materials shall be used</p>		
2	<p># Page 528, E item 3 - 28" (DN 700500) STD</p>	<p>Please confirm that the Correct description is: 28" (DN700) STD</p>	<p>Correct 28"(DN700)</p>
3	<p># Page 535, Pipes item 2 - 28" (DN500) SCH 40</p>	<p>Please confirm that the Correct description required is: 28" (DN700) STD</p>	
4	<p># Page 216 8.7 Pipe Supports and Anchors Pipework shall be supported and anchored in an appropriate manner in accordance with the provisions of ASME B31.1 or the Standard to which the pipework is designed</p> <p>#Page 497 Pipe columns to be Grade 275Mpa steel, Seamless to ASTM 53, ASTM 106 and API 5L</p>	<p>As per provisions of ASME B31.1, ASTM 53, ASTM 106 and API5L, the minimum ACCEPTABLE grade of steel is 330MPa.</p> <p>Grade 275MPa steel is inferior quality and UNACCEPTABLE.</p> <p>Please confirm that pipe support material must be minimum Grade 330MPa steel to satisfy the minimum requirements.</p>	<p>Correct the minimum Grade to be 330MPa Steel.</p>
5	<p>#Page 303 & 311 Before starting of design works, the CONTRACTOR shall submit to the Employer/Engineer for approval the project design manual containing the design data and the detailed design criteria for all civil works. Design works shall commence only after approval of the project design manual by the Employer/Engineer</p>	<p>There are numerous references to DESIGN work by the CONTRACTOR in the bid document. An extract is referred here.</p> <p>Please confirm that the Design is provided by the Employer and the Bidder's/contractor scope of work EXCLUDES DESIGN WORKS.</p>	<p>The bidder's scope EXCLUDES design, however in items like Electrical and I&C the contractor will be requested to submit proposals which includes design.</p>
6	<p># Page 573 TOTAL PILE FOUNDATION FOR 600 PILES (ITEM NO. 5 X 964)(Carried to Summary)</p>	<p>The description is not correct. Please provide the Correct description. Please confirm that the description should read TOTAL PILE FOUNDATION FOR DN600 Diameter PILES (ITEM NO. 6 X 964 Nos. Piles)(Carried to Summary)</p>	<p>Confirmed "TOTAL PILE FOUNDATION FOR DN 600Diameter PILES (ITEM NO. 5X964)(carried to Summary)</p>

7	#Page 488 1.5 Steamfield Concept Design The separator station consisting of one separator will be located on the wellpad	The description is not correct. Please confirm that TWO separators are required as per Price schedules (to be installed on the wellhead)	The Separators will be two
8	#Page 501 12. Test Equipment; The Contractor shall provide the following test equipment for the PLC and instrument system and hand over at the completion of the works; a) One medium range rugged laptop PC complete with all calibration software including but not limited to Valve link software with 100 tags and drivers for all software adjusted instrumentation, b) One set of device communicator and c) Two pieces of USB isolated Hart modems.	We could not find a Price schedule item to provide the Price for the listed Test Equipment. Please revise the Price Schedule to include test equipment	This will be included in the proposal for I&C during execution of the works being works under PC sums
9	# Page 583 SOFTWARE AS SPECIFIED IN THE TENDER -I ITEM	Refer page 501; software – 5 node licenses for Auto Pipe Nozzle are mentioned, but at Price Schedule indicated – 1 item. Please check and confirm whether ONE Node license for Auto Pipe Nozzle is required OR FIVE Node license.	5 (Five) No. node licenses
10	The contract documents makes reference to drawings	Please provide the drawings referred in the tender	Drawings will be issued to the winning bidder for construction
11	Refer Kengen Clarification No.2 issued on 27th April 2023 stating, "Kindly use the Fully described BOQ to price for pile foundations". Refer # Page 322 of Bid Document which state, 6.2.2 Pile Measurements <i>The lump sum price includes the mobilization/demobilization of all</i>	From your clarification NO.2 and bid document cl6.2.2 Pile measurement, Bidder understand that the Item 6 PILE FOUNDATION PRICE FOR ONE PILE should be the LUMP SUM PRICE FOR ONE PILE based on the fully described BoQ and clause 6.2.2 Pile Measurements.	Correct

<p><i>equipment, the setting up on each pile location, and the actual execution of the piles (including boring, installation of the steel reinforcement with embedded length in the raft, anchorage in the rock/soil, supplying and installation of the concrete etc.)</i></p> <p><i>Refer Price Schedule #Page 539 & 573 Item 6 - PILE FOUNDATION – FOR ONE PILE</i></p>	<p>Please confirm that Bidder understanding is Correct.</p>	
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ACKNOWLEDGEMENT OF CLARIFICATION NO.5

We, the undersigned hereby certify that the **clarification** is an integral part of the document and the alterations set out in the addendum has been incorporated in the tender proposal.

Signed

Tenderer

Date.....