

**TECHNICAL EVALUATION CRITERIA : SUPPLY AND DELIVERY OF RAW WATER PRE-TREATMENT CHEMICALS FOR POTABLE WATER PRODUCTION**

**\* First stage Evaluation: Tender documents and Jar Test Results**

Proposals will be required to meet 60% qualifying score in order to be allowed to do Pre-contract trails (2nd stage) on the plant.

**Second Stage Evaluation: Pre-contract Trail**

will be required to meet a total of 70% (inclusive of the 1st stage score) qualifying score to be deemed technically suitable.

Proposals

Sections		KPI - Criteria Evaluation Indicator	Source	%	1	2	4	5	Score
SECTION 1: TECHNICAL REQUIREMENTS									
#	Technical requirements				3%	40%	80%	100%	
1	Technical Personnel Qualification	CV of the responsible person with related work experience as per the SOW to be executed	10%	+ 2 years or work mentioned is not related to the SOW to be executed	+ 2 but + 4 years with related work as per SOW to be executed	+ 2, 4 but + 5 years with related work as per SOW to be executed	+ 5 years with related work as per SOW to be executed		Details to be included in each reference mentioned in the previous work report: (1) Name of plant and water source; (2) Raw water quality; (3) Clarifier outlet % Turbidity removal; (4) Clarifier outlet % TOC removal; (5) Dose rate and treatment cost R/Nm <sup>3</sup> ; (6) Details for contact person which includes - name, telephone numbers and company name
2	Previous work experience report	Report with all the details as per SOW	10%	0 references or references are mentioned but with no additional details	1 - 2 references and most of the points mentioned in each reference	3 - 4 references and most of the points mentioned in each reference	5 or more references in report and all 5 points mentioned in each reference		
3	NSF/ANSI 60 Certification and/or SANS Compliance	NSF/ANSI 60 certificate and/or Certificate of analysis for SANS compliance for the proposed chemicals	20%	0 chemical complying	1 chemical complying		Both (2) chemicals complying		
4	Detailed MSDS	Material data and Specification Sheets	5%	0 MSDS attached	1 MSDS attached for 1 chemical		2 MSDS attached for both chemicals		
5	Laboratory selection report at Mata Power Station	Test report with all the requirements as per SOW MEP-051315 Section 2.15	10%	1 or none of the requirements are mentioned in the test report	Test report only mentions 2 of the requirements	Test report only mentions 3 of the requirements	Test report mentions all 4 requirements		
6	Jar Test Results	Test results as mentioned in test report	20%	+ 30% TOC removal and/or Turbidity > 3 NTU	+ 30% to + 35% TOC removal and Turbidity < 3 NTU	+ 35% to + 40% TOC removal and Turbidity < 3 NTU	+ 40% TOC removal and Turbidity < 3 NTU		
TOTAL SCORE FOR 1ST STAGE EVALUATION BEFORE COMMENCEMENT TO 2ND STAGE									0 must be ≥60%
Stage 2 Criteria	7	Trail report	Trail report with all the requirements as per SOW MEP-051315 Section 2.16	5%	Test report with only 2 or less of the requirements mentioned or no report included	Test report only mentions 4 of the requirements	Test report only mentions 5 of the requirements	Test report mentions all 6 requirements	Final trail report should include: (1) Raw water quality at time of trail; (2) % Turbidity and % TOC removal; (3) Test method followed (which includes mixing times and rpm); (6) Name of products used with dosing rate and Turbidity analysis; (5) Potable clarifier operating details as the time of the trail (including impeller speed, bridge drive speed etc.); (6) Before and after treatment pictures of plant and water conditions
	8	Pre-contracting trails	Test results as mentioned in the trail report	20%	+ 30% TOC removal and/or Turbidity > 3 NTU and/or residual aluminum > 300 ug/lg	+ 30% to + 35% TOC removal, Turbidity < 3 NTU and residual aluminum < 300 ug/lg	+ 35% to + 40% TOC removal, Turbidity < 3 NTU and residual aluminum < 300 ug/lg	+ 40% TOC removal, Turbidity < 3 NTU and residual aluminum < 300 ug/lg	
	TOTAL SCORE FOR STAGE 1 AND STAGE 2 EVALUATION								0 must be ≥70%