

		TENDER TECHNICAL EVALUATION CRITERIA - for MV Motor Repair Contract (Ref: 240-48929482 Tender Technical Evaluation Procedure) Technical Evaluation for Grootvlei Power Station Rev2										
(PART A) MANDATORY TECHNICAL EVALUATION CRITERIA												
	Y / N											
1		Submission of completed MV Motor Repair/Refurbishment Technical Schedule Rev 0.2 (Schedule A + B)										
2		Workshop visit to be done before continuing with Part B of the Technical Evaluation, to confirm that the tenderer has a local MV Motor repair workshop with testing capability and to verify the machinery used. The focus will be on the crane tonnage, machinery used, MV Motor testing capacity availability (6.6 kV) and secure/covered MV motor storage facility.										
3		Letter of commitment that the tenderer will comply to MV Motor Refurbishment and Repair of Power Station Electric Motors Works Instructions (240-89217674). Letter to include the method statement (from start to finish) for refurbishing MV motors, for a worst case repair scenario, e.g. MV Motor rewind.										
(PART B) QUALITATIVE EVALUATION CRITERIA												
KPA - Area of Evaluation		Criteria Weighting (%)	Criteria Sub Weighting (%)	KPI - Criteria Evaluation Indicator	Qualitative Technical Criteria Description	Reference to Technical Specification / Tender Returnable	Scale				Score	TOTAL RATING
Manufacturing Facility and	1	0%		Crane	Crane size facility (>=40 Ton) (Provide workshop picture of crane and load test certificate)	Tech. Schedule B vs A - Item 2.01	Not submitted= 0 (No workshop picture of >=40T crane and no load test certificate submitted)	Non Compliant=2 (submitted workshop picture of >=40T crane and no load test certificate)	Compliant with Acceptable Risk =4 (submitted workshop picture of >=40T crane and a non-valid load test certificate)	Fully Compliant= 5 (submitted workshop picture of >=40T crane and an valid load test certificate)		0.00%
	2			Cleaning	Motor cleaning facility and methodology (Provide a picture of the facility, a detailed cleaning method/procedure & cleaning facility dimensions (length, width, height) including the volume)	Tech. Schedule B - Item 2.02	Not submitted= 0 (no picture of the cleaning facility submitted, no methodology, no volume)	Non Compliant=2 (submitted picture of the cleaning facility and no methodology, no volume)	Compliant with Acceptable Risk =4 (Submitted methodology including the volume and no picture of the cleaning facility)	Fully Compliant= 5 (Submitted picture of the cleaning facility, detailed methodology & dimensions including volume)		0.00%
	3			Ovens	Burn out ovens facility (Provision of maintenance plan and picture of the oven with visible name plate info & oven facility dimensions (length, width, height) including the volume)	Tech. Schedule B vs A - Item 2.03	Not submitted= 0 (no picture of the burn out oven submitted no maintenance plan, no volume)	Non Compliant=2 (Submitted a picture of the burn out oven and no maintenance plan, no volume)	Compliant with Acceptable Risk =4 (Submitted maintenance plan, including the volume & no picture of the burn out oven)	Fully Compliant= 5 (Submitted picture of the burn out oven, maintenance plan & dimensions including volume)		0.00%
	4			Ovens	Curing oven facility (Provision of maintenance plan and picture of the oven with name plate & oven facility dimensions (length, width, height) including the volume)	Tech. Schedule B vs A - Item 2.04	Not submitted= 0 (no picture of the curing oven submitted, no maintenance plan, no volume)	Non Compliant=2 (submitted a picture of the curing oven and no maintenance plan, no volume)	Compliant with Acceptable Risk =4 (Submitted maintenance plan, including the volume & no picture of the curing oven)	Fully Compliant= 5 (Submitted picture of the curing oven, maintenance plan & dimensions including volume)		0.00%
	5			Ovens	VPI Tanks (Provision of maintenance plan and picture of the VPI tanks with name plate & tank dimensions (radius, height) including the volume)	Tech. Schedule B vs A - Item 2.07	Not submitted= 0 (no picture of the VPI tanks submitted, no maintenance plan, no volume)	Non Compliant=2 (submitted a picture of the VPI tanks, no maintenance plan, no volume)	Compliant with Acceptable Risk =4 (Submitted maintenance plan including the volume and no picture of the VPI tanks)	Fully Compliant= 5 (submitted picture of the VPI tanks, maintenance plan & dimensions including volume)		0.00%

Testing Facility and Capability	14	0%		Interturn	Interturn testing facility (interturn insulation surge/impulse tested)	Tech. Schedule B - Item 3.04	Not Submitted = 0 (no picture of the Interturn testing facility with visible serial number and no calibration certificate)	Non Compliant =2 (submitted a picture of the Interturn testing facility with visible serial number and no calibration certificate)	Compliant with Acceptable Risk =4 (Submitted calibration certificate and no picture of the Interturn testing facility)	Fully Compliant= 5 (submitted picture of the Interturn testing facility with visible serial number and calibration certificate)		0.00%
	15			Full load tests	Full load testing facility	Tech. Schedule B - Item 3.09	Not submitted= 0 (No pictures of the facility that can test the motors with the maximum power and voltage ratings of 3000 Horse Power & Maximum voltage of 6.6 kV) respectively			Fully Compliant= 5 (Pictures of the facility that can test the motors with the maximum power and voltage ratings of 3000 Horse Power & Maximum voltage of 6.6 kV provided)		0.00%
	16			Vibration	Full vibration spectrum analysis capability (Provide vibration spectrum report, picture of the vibration spectrum analyser with visible serial number and calibration certificate)	Tech. Schedule B - Item 3.11	Not submitted= 0 (no picture of the vibration spectrum analyser and no calibration certificate)	Non Compliant=2 (submitted a picture of the vibration spectrum analyser with visible serial number and no calibration certificate)	Compliant with Acceptable Risk =4 (Submitted calibration certificate and no picture of the vibration spectrum analyser)	Fully Compliant= 5 (Submitted a picture of the vibration spectrum analyser with visible serial number and calibration certificate)		0.00%
	17			Routine Test Report	Routine Test report with results as per items 3.01 to 3.08 (Provide test report compiled within the last 5 years)	Tech. Schedule B vs A - Item 3.12	Not Submitted = 0 (No test report submitted which includes sections 3.01 - 3.08)	Non Compliant =2 (Test report submitted which includes <u>some</u> sections from 3.01 - 3.08)		Fully Compliant= 5 (Test report submitted which entails sections 3.01 - 3.08)		0.00%
	18			NDT	NDT Shaft (NDT execution methodology provided)	Tech. Schedule B vs A - Item 3.13	Not submitted= 0 (No NDT execution methodology provided)			Fully Compliant= 5 (NDT execution methodology provided)		0.00%
Skills Capability	19	0%		Rewinder	Qualified armature rewinder (Attach CV and winders certificate)	Technical Schedule B vsA - Item 4.01	Not submitted= 0 (No CV attached and no winders certificate)	Non Compliant=2 (CV attached and no winders certificate attached)	Compliant with Acceptable Risk =4 (Winders certificate attached and no CV attached)	Fully Compliant= 5 (CV attached and winders certificate attached)		0.00%
	20			Technical	Technical personnel (e.g. Engineer, Technician - Attach CV and certificate)	Technical Schedule B vs A - Item 4.02	Not submitted= 0	Non Compliant=2 CV (attached and no National Diploma attached)		Fully Compliant= 5 (CV attached and National Diploma attached)		0.00%
	21			Fitter	Qualified Fitter (Attach CV and fitter certificate)	Technical Schedule B vs A - Item 4.03	Not submitted= 0	Non Compliant=2 (CV attached and no fitter Certificate attached)		Fully Compliant= 5 (CV attached and fitter Certificate attached)		0.00%
	22			QC	Quality control personnel (Provide detailed CV with Quality qualification)	Technical Schedule B - Item 4.04	Not submitted= 0	Non Compliant=2 (CV attached and no quality qualification)		Fully Compliant= 5 (CV attached and quality qualification attached)		0.00%

	23			Technical	Vibration Analyser (Provide a detailed CV and minimum level 2 certificate)	Technical Schedule B - Item 4.05	Not submitted= 0 (No detailed CV submitted, no level 2 certificate attached)	Non Compliant=2 (Detailed CV submitted and no level 2 certificate attached)		Fully Compliant= 5 (Detailed CV and level 2 certificate attached)		0.00%
Transport Capability	24	0%		Tonnage	Number of trucks at the premises with tonnage capability. Include trucks with 3.5 T, 15 T and higher.	Technical Schedule B - Item 5.02	Not submitted= 0	Non Compliant=2 (pictures of the truck(s) with no tonnage and no copy of license disk)	Compliant with Acceptable Risk =4 (pictures of the truck(s) with tonnage and no copy of license disk)	Fully Compliant= 5 (pictures of the truck(s) with tonnage and copy of license disk)		0.00%
Documentation	25	0%		Report	Failure report sample/template covering incoming assessment, inspections, testing, failure analysis and QCPs	Technical Schedule B - Item 6.01	Not submitted= 0 (Failure report not submitted <u>or</u> submitted with missing information)			Fully Compliant= 5 (Failure report submitted covering incoming assessment, inspections, testing and failure analysis)		0.00%
	26			Data storage	Minimum period of information storage of Electronic data (more than 5 years) (Submit Letter head document stating the committed duration for data storage)	Technical Schedule B - Item 6.02	Not submitted= 0 (no proof of 5 year documentation storage submitted)			Fully Compliant= 5 (proof of 5 year documentation storage submitted)		0.00%
Services, Certification and Production	27	0%		Field service	Field services available (Letter of commitment stating the availability of qualified field service personnel)	Technical Schedule B - Item s 4.06 & 7.01	Not submitted= 0 (No submission)			Fully Compliant= 5 (Letter of commitment submitted)		0.00%
	28			Response time	Emergency Response time (Proof of commitment should be submitted stating the motor collection duration e.g. signed company letterhead)	Technical Schedule B - Item 7.02	Not submitted= 0	Non Compliant=2 (Motor collection duration more than 12 hours)	Compliant with Acceptable Risk =4 (Motor collection duration from 6 to 12 hours)	Fully Compliant= 5 (Motor collection duration less than/equal to 6 hours)		0.00%
	29			Warrantee	Warrantee on Workmanship (12 months) (Letter of commitment stating the warrantee period after refurbishing the MV Motor)	Technical Schedule B - Item 10.01	Not submitted= 0 (No 12 month warrantee declaration)			Fully Compliant= 5 (12 month warrantee declaration)		0.00%
TAKE NOTE: ONLY TECHNICALLY SUITABLE IF TOTAL SCORE IS EQUAL TO OR GREATER THAN 80%												0.00%

Compiled By: Kgotso Makweya

Sign: 