

TENDER EVALUATION CRITERIA

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CIVIL DESIGN 2.7 TENDER TECHNICAL EVALUATION CRITERIA					
Project Description:	HEI	PMEKAAR ACCESS F	ROAD		
Project No.'s:	ID		WBS	CC 419066	
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Operating Unit	Kwa-Zulu Natal Operating Unit				
Section:	Asset Creation – Network Engineering and Design				
Department:	Civil Design				
Project Category:	Refurbishment				
PLCM Phase:	Deta	il Design			

Comp	iled by:	Authorised by:	
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Signature:	\$-4.	Signature:	2 hetty
Date:	22-10-201	Date:	22/10/2021

Technical Tender Criteria

It is recommended that the technical evidence be contained within the technical evaluation file or section of the submission,

Bidder to provide at the Contract award stage

The bidder will be required to submit the following to Eskom prior to contract award:

- 1. Compliance to Eskom Standards Submission of Letter to acknowledge acceptance and compliance to Eskom standards (A template will be provided)
- A letter of confirmation from the hiring company to be submitted as proof for all Tools, Equipment and Plant that will be outsourced to the tendering company by an external source. This letter is required to be submitted prior to the contract award and at the task order stage. To be included in the returnable is the CV and proof of qualification as per the returnable request.
- 3. Vehicle registration documentation.

Functional Criteria

	Functional Criteria					
All e	vidence stated below will b	e scored.				
No	Criteria Section	Weight	Notes			
1	Training and Skilled Resources	30%	Refer to Training and Skilled Resources Criteria section for details of evidence required			
2	Tools, equipment and Plant	20%	Refer to Plant and Tools Criteria section for details of evidence required			
3	Vehicles	20%	Refer to Vehicles Criteria section for details of evidence required			
4	Related Work Experience	30%	Refer to Related Work Experience Criteria Section for details of evidence required.			

Each section is weighted in order to produce a final score out of 100%. Each section has individual criteria that are scored, individually weighted and will be converted into a result aligned to the Criteria Section Weight.

The maximum possible final score will be 100%.

The threshold is set at 75%.

Criteria Section: Training and Skilled Resources

The Bidder must indicate the availability of trained and skilled resources as per the criteria stated below.

		Training and Ski	lled Resou	ırces Criteria		
All e	All evidence stated below will be scored.					
	,	,				
No	Criteria	Scoring Method	Weight	Returnable and Further Notes		
1	Surveyor	5 = Fully Compliant 3 = Partially compliant 0 = Deficient or non-responsive	6%	Returnable: A copy of SAGC or PLATO registration certificate (physical or web certificate) for minimum ST or higher or equivalent in terms of the revised legislation. The resource must be employed at the Tendering Company at the time of the tender or resourced from an external sub-contracted company. Letter of intent to be appointed from the individual or company should be submitted.		
				Scoring:		
				Fully compliant will result in a score of 5.		
			Partially compliant will result in a score of 3			
				No evidence will result in a score of 0.		
2	Project Programming	5 = Fully Compliant	6%	Returnable:		
	and Scheduling	3 = Partially compliant 0 = Deficient or non-responsive		A completed sample project schedule (see Annexure for project details and sample template) demonstrating the Tendering Company's ability to program a construction project. This is only to demonstrate competency in this requirement, and does not represent an approved programme and schedule for this project.		
				Scoring:		
				Fully compliant will result in a score of 5.		
				Partially compliant will result in a score of 3		
				No evidence will result in a score of 0.		
3	Supervision of Civil	5 = Fully Compliant	6%	Returnable:		
	Construction Works and	3 = Partially compliant		A copy of the Appointed Civil Construction Supervisor's CV (typically in the template		

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provided) demonstrating all construction

		0 = Deficient or non-responsive		related qualifications and experience, with specific relation to the Construction of Civil Works. The minimum requirements for the qualification and experience are: Civil Engineering Diploma/ Degree and 3 years relevant experience Or Grade 12 certificate and 7 years of onsite experience related to the construction of Civil Works. Scoring:
				Fully compliant will result in a score of 5. Partially compliant will result in a score of 3
				No evidence will result in a score of 0.
4	Civil Engineering Foreman	5 = Fully Compliant 3 = Partially compliant 0 = Deficient or non-responsive	6%	Returnable: A photocopy of a Trade qualification in concreting/ building or construction OR A copy of the Appointed Construction Foreman's CV (in the template provided) demonstrating a minimum of Grade 10 and 10 years of practical experience as a General Foreman in building/civil work. Scoring: Fully compliant will result in a score of 5. Partially compliant will result in a score of 3 No evidence will result in a score of 0.
5	Construction Manager	5 = Fully Compliant 3 = Partially compliant 0 = Deficient or non-responsive	6%	Returnable: A copy of the Appointed Construction Manager's CV (in the template provided) demonstrating a minimum of Grade 12 and 10 years of practical experience as a Construction Manager in building/civil work. OR Civil Engineering Diploma or BSc in Construction Management or BSc in Civil Engineering) and 4 years of practical

			experience as a Construction Manager in building/civil work
			Scoring:
			Fully compliant will result in a score of 5.
			Partially compliant will result in a score of 3
			No evidence will result in a score of 0.
Total Score for Training and Skilled Resources	25	30%	

Criteria Section: Tools, Equipment and Plant

A tool/equipment/plant listing is to be submitted using the standard tool/equipment template provided in the interleaves. The Bidder must indicate the availability of the tooling and equipment as per the criteria stated below.

The tool/equipment/plant may be owned or hired. If the tool/equipment/plant is owned, then indicate owned on the tool list.

If the tool/equipment/plant is to be hired, indicate hired on the tool/equipment/plant list.

Proof of hiring will be required prior to the contract award at the task order stage. This letter from the hiring company must also include a list of the specific tools the hiring company is able to supply, aligned with the tool list below.

	Tool/Equipment/Plant Criteria						
All e	All evidence stated below will be scored.						
No	Criteria	Scoring Method	Weight	Returnable and Further Notes			
	Compressor (with	Each tool/equipment/plant	Each tool/equipment/	Returnable: The completed and signed tool list from the Interleaves.			
1	jackhammers)	will be scored as:	plant is	The tool/equipment/plant list must			
2	Concrete mixer	5 = Fully Compliant	weighted at 1.11%	state if the tool/equipment is owned			
3	Concrete test equipment (slump and cubes)	0 = Deficient or non- responsive	1.11%	or hired. Fully compliant tool/equipment/plant			
4	Concrete formwork/ shutters			will result in a score of 5. No evidence or fully non-compliant			
5	Generator			tool/equipment/plant will result in a			
6	Concrete vibrators			score of 0.			
7	Troxler test machine						

	Dynamic Cone
8	penetrometer (DCP)
9	Hand Compactors
	Mechanical
	Compactors -
10	Trenches (Wacker)
10	and Surface (roller)
11	Pick
12	General Builder
12	Tools
13	Shovel
	Suitable drills
11	including pneumatic
14	drills
15	Survey equipment
16	Hammers
	Straight Lovel
17	Straight Level
18	Wheelbarrows
	I Score for Tools and pment

Criteria Section: Vehicles

A vehicle listing is to be submitted using the standard vehicle template provided in the interleaves. The Bidder must indicate the availability of the vehicle as per the criteria stated below.

The vehicle may be owned or hired.

If the vehicle is owned, then indicate owned on the vehicle list. Vehicle registration documents will be requested prior to contract award at the task order stage.

If the vehicle is to be hired, indicate hired on the vehicle list.

Proof of hiring will be required prior to the contract award at the task order stage. A letter will be sufficient at this stage. The letter must explicitly state that the Bidder has the availability and capability to hire the required vehicles. The letter must be from a bona fide hiring company or a bona fide construction/other contractor company.

	Vehicles Criteria					
All e	vidence stated below wil	l be scored.				
No	Criteria	Scoring Method	Weight	Returnable and Further Notes		
1	TLB and/or tracked	5 = Fully Compliant	3.33%	Returnable: The completed Vehicle List from		
	excavator	0 = Deficient or		the Interleaves.		
		non-responsive		The vehicle list must state if the vehicle is		
				owned or hired.		

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				If owned the then the registration document will be requested prior to contract award, with affidavit if required. If the vehicle is hired then proof of hiring may be requested before contract award. Evidence must clearly demonstrate the technical capabilities. Fully compliant with all criteria and returnable will result in a score of 5. No evidence, missing evidence or noncompliant will result in a score of 0.
2	Trailer > 2000 kg Suitable for transportation of materials, plant & equipment.	5 = Fully Compliant 0 = Deficient or non-responsive	3.33%	Returnable: The completed Vehicle List from the Interleaves. The vehicle list must state if the vehicle is owned or hired. If owned the then the registration document will be requested prior to contract award, with affidavit if required. If the vehicle is hired then proof of hiring may be requested before contract award. Fully compliant with all criteria and returnable will result in a score of 5. No evidence, missing evidence or noncompliant will result in a score of 0.
3	People Carrier (e.g. bus, minibus etc)	5 = Fully Compliant 0 = Deficient or non-responsive	3.33%	Returnable: The completed Vehicle List from the Interleaves. The vehicle list must state if the vehicle is owned or hired. If owned the then the registration document is to be submitted, with affidavit if required. If the vehicle is hired then proof of hiring may be requested before contract award. Fully compliant with all criteria and returnable will result in a score of 5. No evidence, missing evidence or noncompliant will result in a score of 0.
4	LDV 4X4 > 1000 kg	5 = Fully Compliant 0 = Deficient or non-responsive	3.33%	Returnable: The completed Vehicle List from the Interleaves. The vehicle list must state if the vehicle is owned or hired. If owned the then the registration document will be requested prior to contract award, with affidavit if required.

	I Score for Vehicles	30	20%	No evidence, missing evidence or non-compliant will result in a score of 0.
6	Vibratory roller/compactor	5 = Fully Compliant 0 = Deficient or non-responsive	3.33%	Returnable: The completed Vehicle List from the Interleaves. The vehicle list must state if the vehicle is owned or hired. If owned the then the registration document will be requested prior to contract award, with affidavit if required. If the vehicle is hired then proof of hiring may be requested before contract award. Fully compliant with all criteria and returnable will result in a score of 5.
5	Dump tuck/ tipper truck	5 = Fully Compliant 0 = Deficient or non-responsive	3.33%	Fully compliant with all criteria and returnable will result in a score of 5. No evidence, missing evidence or noncompliant will result in a score of 0. Returnable: The completed Vehicle List from the Interleaves. The vehicle list must state if the vehicle is owned or hired. If owned the then the registration document will be requested prior to contract award, with affidavit if required. If the vehicle is hired then proof of hiring may be requested before contract award. Fully compliant with all criteria and returnable will result in a score of 5. No evidence, missing evidence or noncompliant will result in a score of 0.
				If the vehicle is hired then proof of hiring may be requested before contract award.

Criteria Section: Experience

The construction experience listing is to be submitted using the standard experience template provided in the interleaves.

The Bidder must indicate the experience in the predefined categories of civil tasks, as well as include relevant supporting information as stipulated.

Total of 5 experience for Civil Works are to be satisfied in order to achieve the total/maximum of 30% for this criteria section. Each task achieved is weighted at 6% for civil works per task and scoring will be achieved as per the table below.

Each example provided as evidence must be civil and electrical works related and must have been successfully completed

	S	ubstation Civ	il Experier	ce Criteria				
All evide	All evidence stated below will be scored.							
No	Criteria	Scoring Met Weight	hod and	Returnable and Further Notes				
1	Survey	For up to a r		The required information includes:				
2	Bulk earthworks and layer works	of 5 tasks, th will b	•	Project Name Name Of Customer/Client				
3	Concrete works			References (Name And Contact				
4	Surface drains	5 = Fully C	•	Information)				
5	Road construction	3 = Partially compliant 0 = Deficient or non- responsive		Project Value				
6	Rehabilitation			Project Duration (Start And End Dates)				
Total Score	Total = 30	·		The scope of work for the Project and Task				
for Experi ence		The weight up to a maxi will b	mum of 5	Project/Activity Schedule for selected task				
		6%						
	1	Total = 25	Section Weight = 30%					

Annexure 1: Compliance to Eskom Standards Date: _____ Enquiries: (Tel No.) **Tender Technical Evaluation Team Leader** Eskom Holdings SOC Ltd Dear Sir/ Madam **Compliance to Eskom Standards** This Letter serves to confirm that our company acknowledges and will make use of Eskom's standards and will where required provide Eskom with written method statements for site scope of works. Yours Sincerely Name: _____ (Company Owner) Signature: _____ (Company Owner) Company Name: _____

Annexure 2: Plant and Tools List

Com	pany	/ Name:	

No	Criteria	Tick Appro	opriate Box
		OWNED	HIRED
1	Compressor (with jackhammers)		
2	Concrete mixer		
3	Concrete test equipment (slump and cubes)		
4	Concrete formwork/ shutters		
5	Concrete vibrators		
6	Troxler test machine		
7	Dynamic Cone penetrometer (DCP)		
8	Generator		
9	Hand Compactors		
10	Mechanical Compactors - Trenches (Wacker) and Surface (roller)		
11	Pick		
12	General Builder Tools		
13	Shovel		
14	Suitable drills including pneumatic drills		
15	Survey equipment		
16	Hammers		
17	Straight Level		
18	Wheelbarrows		

DECLARATION : I hereby confirm that the tools list above owned or hired by my Company.	is a true reflection of the tools
I will also ensure that all tools will be enough to cater for n require calibration will have valid calibration certificates be	
Name:	(Company Rep)
Signature:	_(Company Rep)
Tendering Company:	-
Date:	_

Annexure 3: Vehicle List

 INSTRUCTIONS: Indicate owned or hired in the contract award. If "Owned", the registration to contract award. If "Hired", then proof of hiring contract award. 	documents will be		A	В	
Mandatory Vehicle Owned or Hired (Y where appropriate)		Is the Bakkie Double Cab? (Y/N)	Crane Load Lifting Capacity (in Tons)		
	0	Н			
TLB or Excavator			N/A	N/A	
People Carrier (e.g. bus, minibus etc)			N/A	N/A	
LDV 4X4 > 1000 kg				N/A	
Trailer > 2000 kg			N/A	N/A	
Dump Truck / Tipper Truck			N/A	N/A	
Vibratory Roller / Compactor			N/A	N/A	

DECLARATION: I hereby confirm that the vehicles list above is a true reflection of the vehicles owned or hired by my Company. I will also ensure that all vehicles will be enough to cater for multiple full teams.

Name:	(Company Rep)	Date:
Signature:	_(Company Rep)	Tendering Company:

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Annexure 4: Project Programming and Scheduling

The following tasks could for example be included in the Schedule:

Item	Task	Start date	Completion Date
1	Site Establishment		
2	Induction		
3	Earth works		
4	Road work		
5	Site Clearance		

The schedule must show timelines, dependencies and the quality hold points

Annexure 5: Typical Appointed Civil Construction Supervisors CV

Requirement	CV Detail	s						
Civil Works Construction Supervisor Name								
Qualifications								
Employment History (Row 1 is for the current job. Captured the rest of the employment history in reverse chronological order)	Start Date		End Date Current		Compan	у	Job Title	
Experience as a Civil and Building	Year	Project	Nama	Oliona		Tooks on C		
Works Construction Supervisor (Only evidence where the employee was appointed as a supervisor is to be included in this table)	Tear	Project	Name	Client		Tasks as S	upervisor	
DECLARATION: I hereby confirm that Name:							s and experience.	
Signature:		(Com	pany Rep)	Tende	ring Comp	any:		

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Annexure 6: Typical Appointed Electrical Construction Supervisors CV

Requirement	CV Details	S						
Electrical Works Construction Supervisor Name								
Qualifications								
Employment History (Row 1 is for the current job. Captured the rest of the employment history in	Start Date		End Date Current		Company		Job Title	
reverse chronological order)								
Experience as a Electrical Works Construction Supervisor	Year	Project	Name	Client		Tasks as Si	upervisor	
(Only evidence where the employee was appointed as a supervisor is to be included in this table)								
DECLARATION: I hereby confirm that					·	•	·	
Name:		(Comp	oany Rep)	Date: ₋				
Signature:		(Com	pany Rep)	Tende	ring Comp	any:		

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Annexure 7: Typical Appointed Civil Engineering Foreman CV

Requirement	CV Details						
Civil Engineering Foreman							
Qualifications							
Employment History	Start Date	End Dat	e	Company	v	Job Title	
(Row 1 is for the current job. Captured the rest of the employment history in		Current		1 1 1	,		
reverse chronological order)							
Experience as a Civil Engineering	Vasa	Due in at Name	Oliand		Table of Oc		_
Foreman	Year	Project Name	Client		Tasks as Su	pervisor	_
(Only evidence where the employee was appointed as a foreman for concreting/building or construction is to be included in this table)							
in this table)							
DECLARATION: I hereby confirm that	this evidence tr	ue reflection of the	Construction	Foreman qu	alifications an	d experience.	
Name:		(Company Rep) Date:				
Signature:		(Company Rep) Tende	ering Comp	any:		
							

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Annexure 8: Typical Appointed Construction Manager CV

Requirement	CV Details	S						
Construction Manager								
Qualifications								
Employment History	Start Date		End Date		Compan	у	Job Title	
(Row 1 is for the current job. Captured the rest of the employment history in reverse chronological order)			Current					
reverse chronological order)								
Experience as a Construction								
Manager	Year	Project	Name	Client		Tasks as Su	upervisor	
(Only evidence where the employee was appointed as a Construction Manager is to be included in this table)								
DECLARATION: I hereby confirm that	this evidence t	true reflection	on of the Co	nstruction I	Manager Qı	ualifications a	nd experience.	
Name:		(Comp	pany Rep)	Date:			<u> </u>	
Signature:		(Com	pany Rep)	Tende	ering Comp	oany:		
		 		 				

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Annexure 9: Typical Information for Substation Construction, Electrical and Civil Works Experience

Criteria	Evidence
Survey	Project Name:
	Name Of Customer/Client:
	References (Name And Contact Information):
	Project Value:
	Project Duration (Start And End Dates):
	The scope of work for the Project and Task
	Project/Activity Schedule for selected task (include as attachment)
Bulk earthworks and layer works	Project Name:
	Name Of Customer/Client:
	References (Name And Contact Information):
	Project Value:
	Project Duration (Start And End Dates):
	The scope of work for the Project and Task

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	Project/Activity Schedule for selected task (include as attachment)		
Concrete works	Project Name:		
	Name Of Customer/Client:		
	References (Name And Contact Information):		
	Project Value:		
	Project Duration (Start And End Dates):		
	The scope of work for the Project and Task		
	Project/Activity Schedule for selected task (include as attachment)		
Road work	Project Name:		
	Name Of Customer/Client:		
	References (Name And Contact Information):		
	Project Value:		
	Project Duration (Start And End Dates):		
	The scope of work for the Project and Task		
	Project/Activity Schedule for selected task (include as attachment)		
Substation kerbing	Project Name:		
	Name Of Customer/Client:		

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References (Name And Contact Information):
Project Value:
Project Duration (Start And End Dates):
The scope of work for the Project and Task
Project/Activity Schedule for selected task (include as attachment)



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Technical Criteria Approval

Name	Department	Signature	Date
Sbo Sikhakhane TET Lead	NED Civil Design	<u>\$</u> -4.	22-10-2021
Kelebogile Makwela TET Member	Quantity Surveyor	N/A for technical	N/A for technical
Andre Alexander TET MEmber	Field Services		25/10/2021
Logan Moodley TET Member	Telecommunication	World	22-10-2021