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NEC3 Engineering & Construction Contract

PART TWO – TECHNICAL REQUIREMENTS

An Enabling Agreement for a Panel of (5) five Contractors for Fibre Optic Cable Installation on an “as and when” required basis in the Central East Cluster (Kwa-Zulu Natal and Free State Operating Units) for a period of (5) five years.

ENQUIRY NUMBER : E3011DXKZNOU

TENDERER NAME : _____

MANDATORY TECHNICAL EVALUATION CRITERIA

1-M

MANDATORY CRITERIA AND RETURNABLES

MANDATORY CRITERIA AND RETURNABLES

No	Criteria
1.	Organogram and Annexure I
2.	Previous recent experience (past 5 years) with installation of Fibre Optic cables.
3.	Tools and Equipment Register
4.	Vehicle Register
5.	Technical Compliance Schedule AB
6.	Fibre Optic cable Installation Methodology
7.	HV Accredited Linesman
8.	Splicer and commissioning technician/engineer
9.	Affidavit - Declaration Form

FUNCTIONAL EVALUATION CRITERIA

1-F

SUMMARY

SUMMARY	
Item No.	Criteria Description
1	Tools and equipment
2	Vehicles
3	Related Project Experience
4	Installation Methodology for ADSS, OPGW and DUCT fibre
5	Technical Compliance
6	Skills and Training

2-F

TOOLS AND EQUIPMENT

TOOLS AND EQUIPMENT		
Section	Criteria	Returnable
Tools and equipment	Fully completed tools and equipment register	Information at time of tender – Please complete Annexure C, all fields must be populated.

3-F

VEHICLES

MANDATORY VEHICLES - OWNED OR HIRED				
Section	Criteria	Returnable	Evidence Notes	Min Quantity
Vehicles	Bakkies	Proof of ownership / Hire Letter	In order to demonstrate ownership, license documents are to be submitted, clearly showing the type of vehicle and the owner's name.	1
	Truck with Mounted Crane - 8T minimum -	Proof of ownership + Proof of Crane / Hire Letter Excluding drop side trucks	In order to demonstrate ownership, license documents are to be submitted, clearly showing the type of vehicle and the owner's name. The Crane Load test for the crane on the specific truck must be submitted. Footplate specification according to 240-69125290	1
	Other vehicle for transporting staff	Proof of ownership / Hire Letter	In order to demonstrate ownership, license documents are to be submitted, clearly showing the type of vehicle and the owner's name.	1
	Fully completed vehicle register	Completed register in Annexure D	Information at time of tender – Please complete Annexure D, all fields must be populated. Please refer to Annexure G for scoring	N/A

4-F

**RELATED PROJECT
EXPERIENCE**

RELATED PROJECT EXPERIENCE

Section	Criteria	Returnable
Related work experience and references	Complete schedule indicating projects for work completed and work references	Information at time of tender – Please complete Annexure B, all fields must be populated. Please refer to Annexure G for scoring

5-F

FIBRE INSTALLATION AND REPAIR METHODOLOGIES

FIBRE INSTALLATION AND REPAIR METHODOLOGY EVIDENCE

Section	Criteria	Returnable
Fibre installation methodologies	Provide complete detailed installation and repair methodologies, the areas of importance and scoring are shown in Annexure F. Include Cable Installation, Patch Panel/Joint Box Installation, Fibre Testing and Commissioning and Fibre Repair in the methodologies.	A completed and detailed installation methodology for each fibre installation type: 1. OPGW 2. ADSS 3. DUCT

6-F

TECHNICAL COMPLIANCE

TECHNICAL COMPLIANCE EVIDENCE		
Section	Criteria	Returnable
Compliance to technical standards	Ensure material supplied and the installation of the fibre optic system is to the required standards	Completed AB Schedule in Annexure E. All fields are required to be completed.

7-F

SKILLS AND RESOURCES

SKILLS AND RESOURCES

Section	Criteria	Returnable	Notes	Quantity
Skills and Resources	Truck-mounted crane operator employed by the tendering company or hired from vehicle hiring company	Option 1: For employed resources - Training certificates demonstrating operator training for cranes mounted on a truck (e.g. C32 or F32) or mobile crane Option 2: Proof of hiring of operator when hiring the crane truck from a bona fide hiring company. This option is only applicable for trucks hired by the tendering company and may not be used if the truck evidence on the vehicle register demonstrates truck ownership.	For option 2: If the Crane Truck in the vehicle evidence is hired from a Bona Fide hiring company, an operator may be hired with the crane from the same hiring company. The hiring letter must clearly state the truck mounted crane operators are available for hire.	Maximum 1 required
	ORHVS	ORHVS Training Certificates	Certificates must be from Eskom or Eskom accredited training service provider & certified by Commissioner of oaths	Minimum 1 required
	Splicer and commissioning technician/engineer	Fibre Optic Training Certificates	Certificates must be from accredited training service provider (SETA or equivalent) & certified by Commissioner of oaths	Minimum 1 resource