



# Northern Fuel Distributors CC

Reg No: CC/2001/1153

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## Scope of work design & Construction schedule

The following schedule identifies the estimated design and construction phases for this project and the estimated durations.

Project Phase	Estimated Duration (Calendar days)	Progress
<b>Design &amp; Development Phase</b>	7	100%
• Site inspection / analysis (NFD / Customer)	2	100%
<b>Final Design Phase</b>	7	100%
• Architectural plans (NFD / Architect)	14	100%
<b>Permit Application Phase</b>		
• Input from Competent Authority (MME)	7	50%
• Application for ECC (Ministry of Environmental Affairs)	90	20%
• Application for Retail License (Ministry of Mines & Energy)	60	20%
<b>Site Meeting / Kick-off Phase</b>	2	10%
• (NFD / Contactor / Customer) (EMP discussion with Contractor)		
<b>Equipment Prep</b>	7	80%
• (NFD)		
<b>Transport</b>	1	0%
• (NFD)		
<b>Construction Phase</b>	7	50%
• (NFD / Contractor)		
<b>Training</b>	2	0%
• (NFD / Customer)		
<b>Site Handover</b>	1	0%
• (NFD / Contractor / Customer)		

### Customer:

Zhongmei Engineering Group (Pty) Ltd.

## **CONSULTANT'S PROPOSED DESIGN & CONSTRUCTION SCHEDULE**

The Consultant shall submit a project design and construction bar chart schedule with their technical proposal. The bar chart schedule developed by the Consultant shall reflect their recommended project phases, phase activities, activity durations. The Consultant shall estimate the duration of the project Close-Out Phase based on the anticipated time required to complete each deliverable and include this information in the bar chart schedule submitted. A written narrative shall also be included with the technical proposal explaining the schedule submitted and the reasons why and how it can be completed in the time frame proposed by the Consultant. This schedule and narrative will be reviewed by the Consultant Selection Committee as part of the evaluation process and will be assigned a score commensurate with clarity and comprehensiveness of the submission.

## **CONSULTANT DESIGN SCHEDULE**

Based on the Notice to Proceed, Consultant shall update their approved schedule and shall distribute it at the design kickoff meeting. Note that this schedule shall be submitted in both paper format and on compact disk in a format compatible with Microsoft Project. This schedule will be binding for the Consultant's activities and will include the start and completion dates for each design activity. The Consultant and Project Team members shall use this schedule to ensure that all design milestone dates are being met for the project. The Consultant shall update the schedule to reflect performance periodically (minimally at each design phase) for the Project Team review and approval. Any recommendations for deviations from the approved design schedule must be explained in detail as to the causes for the deviation(s) and impact to the schedule.

## **CONTRACTOR CONSTRUCTION PROGRESS SCHEDULE**

The Contractor shall be responsible for preparing a coordinated combined progress schedule with the Sub-Contractors after the award of the contract. This schedule shall meet all of the requirements identified in the Consultant's construction schedule. The construction schedule shall be completed in accordance with the latest edition of the Instructions to Bidders and General Conditions and Bulletins that may be issued on the project. The Consultant must review and analyze this progress schedule and recommend approval/disapproval to the Project Team until a satisfactory version is approved by the Project Team. The Project Team must approve the baseline schedule prior to the start of construction and prior to the Contractor submitting invoices for payment. The construction progress schedule shall be reviewed, approved, and updated by the Contractor, Consultant, and Project Team members at each regularly scheduled construction job meeting and the Consultant shall note the date and trade(s) responsible for project delays (as applicable).