

 Eskom	<b>Group IT Functional Specification</b>	<b>Group IT</b>
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#### Document Control Information

Effective from	Amendment	Version Number	Modified By
30 October 2014	Created	0.1	Melidah Sebetsele
23 April 2015	Updated	0.2	Fabian Madurai

#### Approval

This document was reviewed and approved in terms of accuracy and completeness by the following stakeholders:

Divisional / Business Representatives	Date	Signature
Ayesha Hardien	13 May 2015	

#### Glossary of Terms

##### Abbreviations

Abbreviation	Description
ACVC	Acquire Customer Value Chain
NACVC	Network Asset Creation Value Chain
CAMMP	Capital Assist, Major and Minor Process
ACNAC	Acquire Customer Network Asset Creation
CC & B	Customer Care & Billing
CRA Form	Concept Release Approval
DRA Form	Definition Release Approval
ERA Form	Execution Release Approval
FRA Form	Finalisation Release Approval
CC&I	Technical Service Centre
FSA	Field Service Area
CSA	Customer Service Area
NPA	Network Planning Area

#### Definitions

Term	Description
Parent Project Forms	This Parent Project Form is the first Form that will be presented to the User to complete when any Major Process Project is

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	either Initiated, or a Direct Customer Project (Major only) requires the Project Forms to be initiated
Project Forms	These are the project forms currently held in Capital Assist. Capital Assist will not be used as a name in ACNAC.
Customer Forms	This is the name that will be used to refer to the Customer or Standard forms associated with the Minor and Major Direct Customer Process
Jobs	Jobs are created from a Parent project Form. Each Job will have its own CRA DRA etc in the Major processes. Short process projects will only have one Job created per Parent Project.

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# 1 DOCUMENT OVERVIEW

## 1.1 Introduction

ACNAC is a custom built Workflow system that processes customer applications for supply and other requests for energy, maintenance, refurbishment and strengthening. The application enables both the Minor and Major processes which integrates across both Group Customer Service and Engineering business areas. The system is distributed across seven geographical regions and provides workflow and resource management from quotation to connection of electricity supply requests.

The current version of ACNAC uses the following technologies: Microsoft.Net Framework 3.5, Oracle 11g, SQL Server 2005, SQL Reporting Services 2005, K2.Net 2003 SP4 and IIS 6 Server.

The ACNAC solution is at risk due to ageing and end of life software. It was therefore incorporated into the Project Tools Programme whose main objective is to review all third party applications falling out of support agreements, deployed on outdated and unsupported technology and licensing structure costs not viable any longer.

The outcome of the Project Tools Programme is an approved solution architecture based on Eskom's existing technology landscape which will be delivered through the ACNAC Replacement project.

## 1.2 Solution Background and Context

ACNAC is a custom built Workflow system that processes customer applications for supply and other requests for energy, maintenance, refurbishment and strengthening. The application enables both the Minor and Major processes which integrates across both Group Customer Service and Engineering business areas. The system is distributed across seven geographical regions and provides workflow and resource management from quotation to connection of electricity supply requests.

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The outcome of the Project Tools Programme is an approved solution architecture based on Eskom's existing technology landscape which will be delivered through the ACNAC Replacement project.

## 1.3 Document Purpose

This document defines the functional requirements for Direct Customer Minor Process only.

### 1.3.1 Reason for the requirement

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With the constant evolution of technology and system development, a need has arisen in Eskom to evaluate third party tool sets, perform analysis on these various systems, and integrate them into existing enterprise systems.

Eskom then embarked on the exercise to review all third party applications falling out of support agreements, deployed on outdated and unsupported technology and licensing structures costs not viable anymore. Part of this analysis covered the ACNAC system dealing with the electrification process of clients. Within the outcome of the review, ACNAC was prioritised to top of the list of applications to be migrated within the project tools portfolio.

As ACNAC is an in-house developed system and currently on aging infrastructure and software, the decision to merge the system into deployed enterprise systems is underway.

## 2 Business Requirements

- The high level functional requirement is to rewrite all Direct Customer Minor Project workflows on the new platform, K2 Blackpearl, AS-IS with minor changes to the activities.

### 1.1 Business Problems and Issues

Problem/Issue	Impact
Workflow functionality needs to be improved	Longer overall processing times
System relying on ageing Software and Hardware	Increased system downtime, new functionality harder to implement
Deployment of the changes to the decentralised application	Duplication of effort
Reporting capability is inadequate	KPI values may be skewed, reports take long to create and manipulate
No Disaster Recovery and Business Continuity plans in place	Longer system downtimes
Currently using K2 2003 version that is on extended support	
The documents are located at different places	No document management functionality
Currently Patches must be done on 7 different regional servers	
Windows 2003 Operating System is not supported	

## 3 Solution Scope

### 3.1 In scope

- All current ACNAC Direct Customer Minor Project functionality with minor enhancements
- Smartforms as part of the new system
- Dashboards as the landing page for each user login

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- Centralisation of the system
- Repository for the storage of all completed (historical) data/projects so that it is easily available
- Workflow data and governance approvals
- Smartforms as the Web interface
- Reports currently available in the system
- Integration to applications in the current “As Is” scenario
- Automatic creation of minor quotation letters (new)
- Cost Estimation letters and KPI limits (new)

### 3.2 Out of scope

- Exclude any new functionality that is not already included in the scope
- Development of any new reports
- Verification and validation on K2 Blackpearl

### 3.3 Preconditions that must be in place

- The Conversion of all agreed functionality and data

### 3.4 Project Prioritisation

#### Phase 1

- Migrate the current solution into K2 Blackpearl with minor changes
- Centralisation of the system
- Technical Upgrade
- Integration with CC&B, CC&I and BI

#### Phase 2

- Enhancements to the system (New Functionality)
- Integration to all other applications (as defined in section 4.6) not mentioned in Phase 1
- Major Reporting development in BI

#### Phase 3

Nice to have enhancements and functionality

### 3.5 Assumptions and Constraints

#### The following assumptions will apply:-

- The workflow functionality covered in this document will be developed on the new K2 BlackPearl Platform. This design is dependent on the upgrade of K2 ACNAC
- K2 BlackPearl platform will be fully installed with K2 Smart-forms/Smart Objects to enable rapid solution development.
- K2 BlackPearl platform is operational.
- During the DRA phase gaps were identified on the URS. The URS Document needs to be updated in the ERA phase.
- Integration is not a showstopper in terms of the requirements at this stage.
- Excel Costing sheets templates will be used until a proper financial solution is identified. Costing sheet development will be handled in the next phase.

#### The following Constraints will apply:

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- Project timelines poses a risk at the moment
- Integration environment and platform

### 3.6 Inclusions and Exclusions

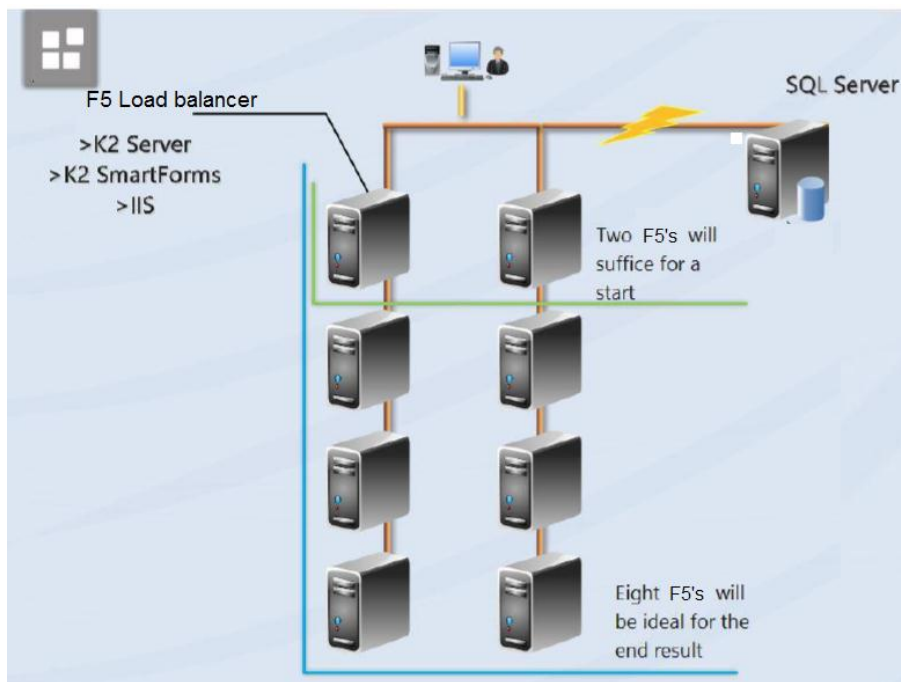
In the setting of this document only the highlighted phases will be included

### 3.7 Solution Risks

- The migration of Projects into the new system
- Sufficient Bandwidth capability and speed of the new K2 Blackpearl
- Minors: Training of users and the timing of the training
- Data conversion and the reconciliation of the data, need to ensure all data are converted correctly
- Reconciling the versions of the different systems as a result of the different versions of the current system being run in the different regions

## 4 High-Level Design

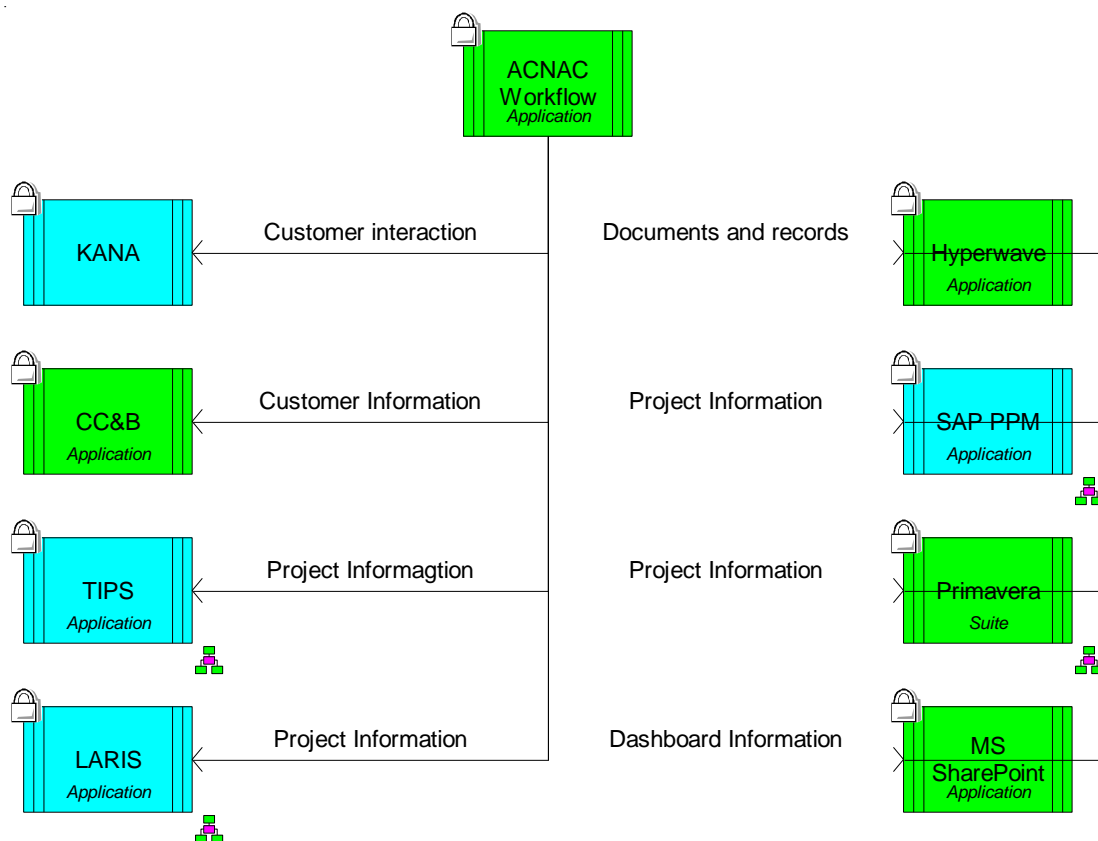
### 4.1 System Architecture



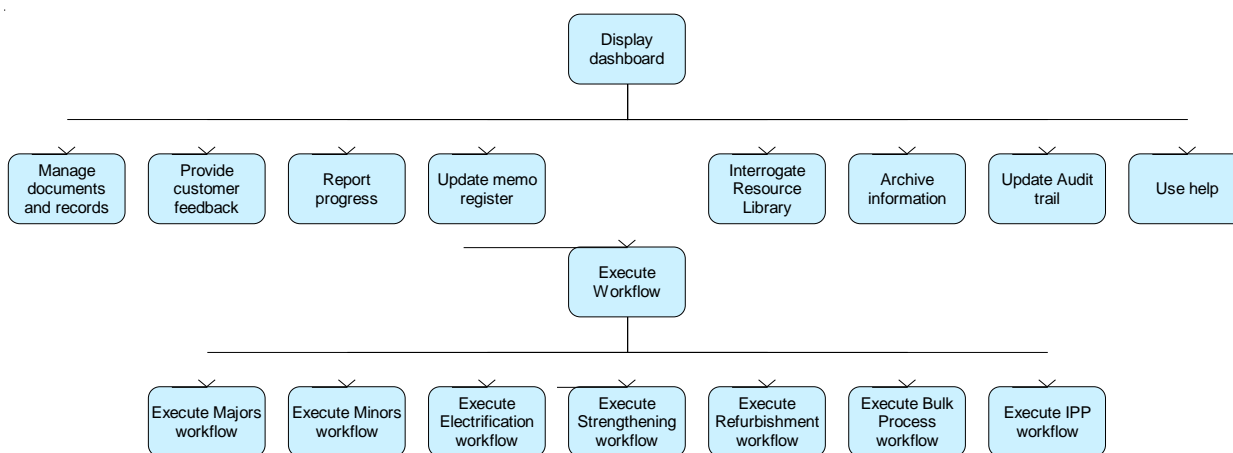
### 4.2 Application communication diagram

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#### 4.3 Application function decomposition diagram

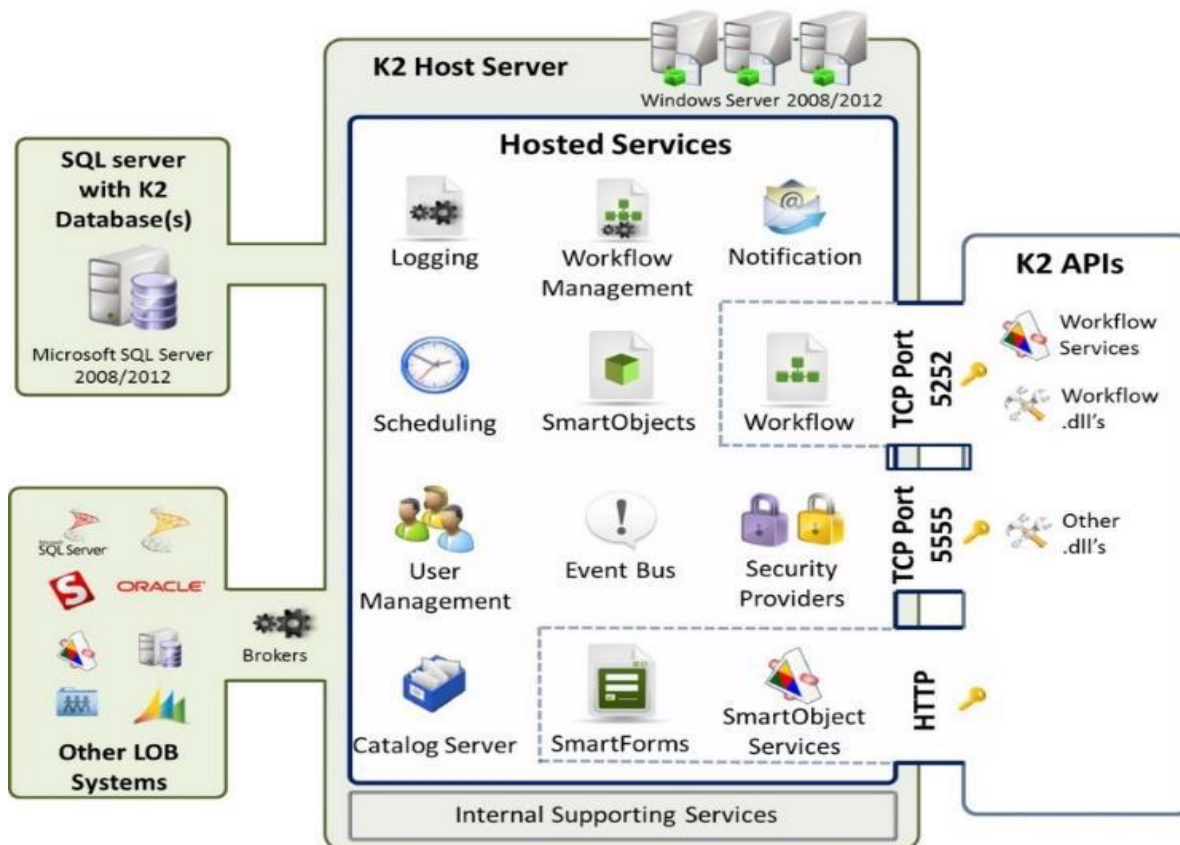


#### 4.4 Below is the K2 Logical Architecture.

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## 5 Functional Requirement

### 5.1 AS-IS Process

The system is currently split into the seven regions through the country, each operating with their own independent ACNAC system. ACNAC provides the users workflow and resource management to assist in the management of quotations and connections of electricity for all regions and targets.

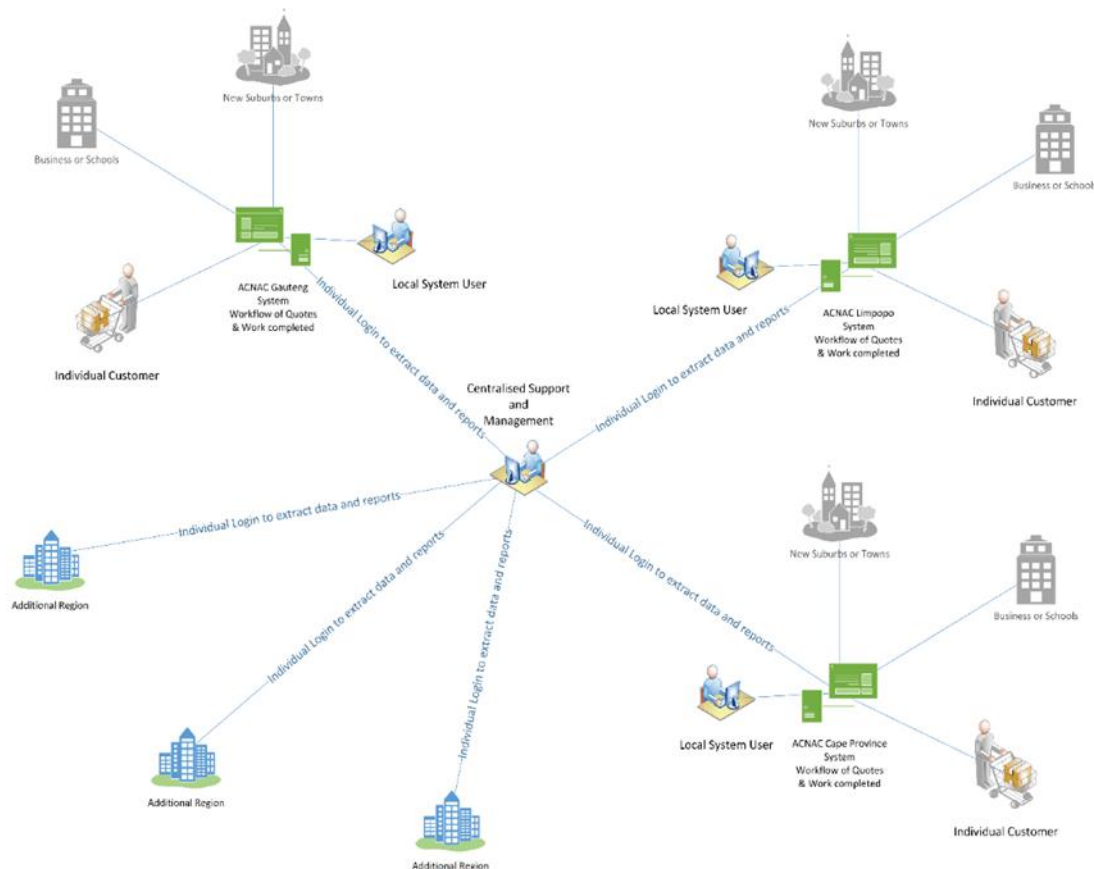
These quotations range from the individual household through to businesses, schools and suburbs / cities.

The current deployment of the ACNAC solution is depicted below and based on the decentralised solution set, making it difficult for the administrator to manage the system and creating disparate data sets.

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**Figure 1: High-level overview of current solution**

## 5.2 To-Be Process - Direct Customer

There has always only been one Minor process Modelled in Aris and ACNAC, and that is for the processing of Direct Customer Projects and involves:

- Quotation Phase
- Manage Customer Response Phase
- Connect Phase.
- 

**The Business has defined some limits and criteria for this Minor Direct Customer Process, which at present are as follows:-**

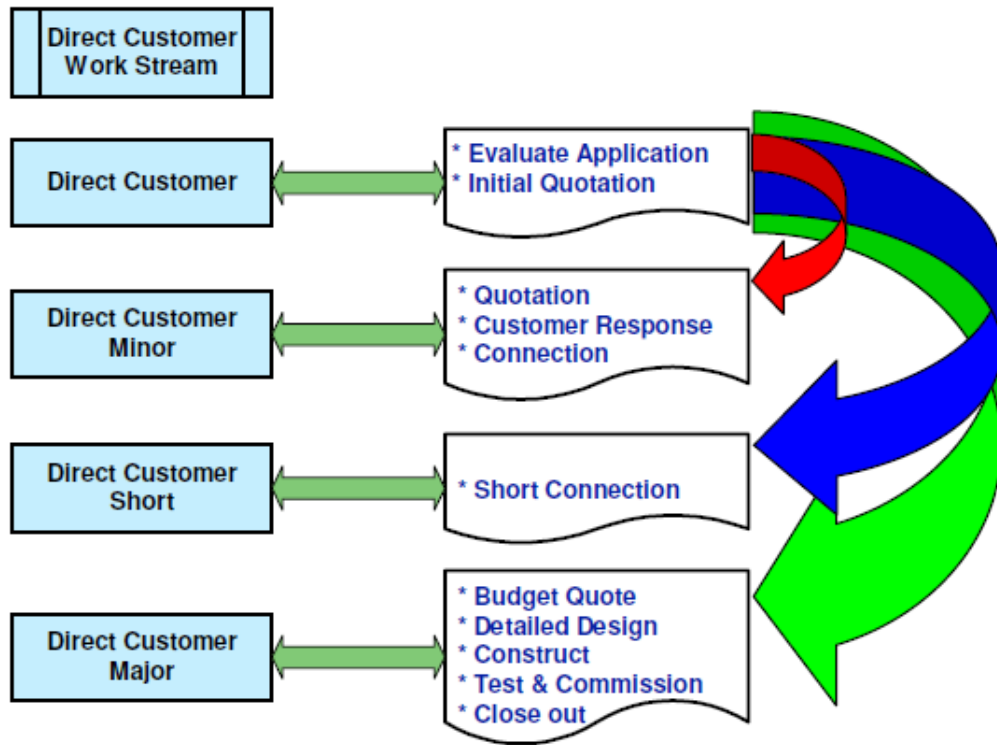
- The provision of a point of Electrical Supply to a single or multiple customers from an existing MV or LV network.
- These projects must not exceed the financial limits stipulated below and must also conform to Eskom's commitment in terms of time to connect as stipulated in our contract with the National Electricity Regulator (NER).

**The current Financial Limits are :-** Overhead Retic <= R1 000 000.  
Underground Retic <= R 1 500 000

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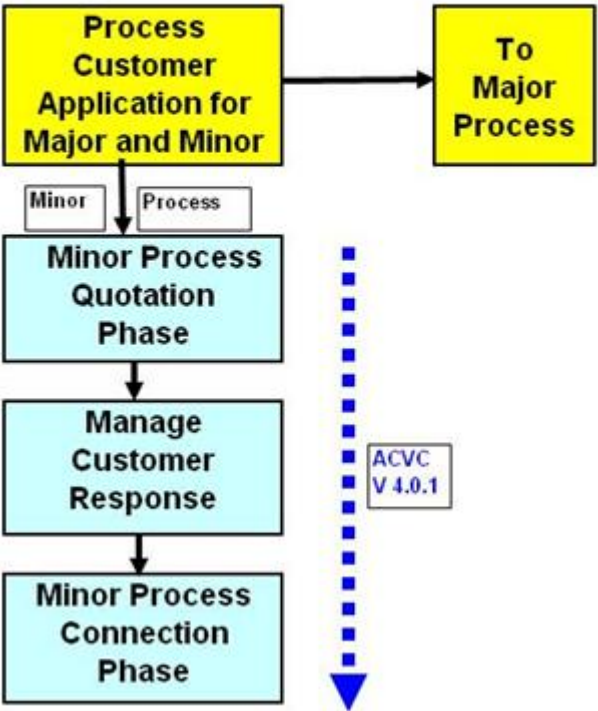


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# **TOTAL PROCESS FOR DIRECT CUSTOMER MINOR PROJECTS**



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### Customer Application Process on Acnac

Creating a New Customer Application would normally be carried out by staff at the Contact Centre, Walk-in Centre, or a Customer Exec, Key Customer Exec, KSACS, or any other Staff member who has access to CC&I, and is assigned this role. The Customer Application Form will be completed, and this requires that the Region, CSA and TSC be selected. This selection will route the Application to the appropriate K2 Controller in the selected Region.

### Page1 of Customer Application Form

Complete all mandatory fields marked with \* and click next

### Page2 of Customer Application Form

Region, CSA and TSC to be selected application will be routed to the Region's K2 Controller

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- The Parent Project Form is auto-generated by ACNAC, as soon as the Customer Application Form is submitted. The system carries across some Customer details, and will back trace the Engineering Hierarchy from the TSC selected in the Customer Application Form.
- If the incorrect TSC has been selected, then this will need to be corrected in the Customer Application Form, which must cause a re-trace of the hierarchy on the Project Parent Form.
- The Users will not be able to change any of the hierarchy elements in the Parent Project Forms. This only applies to the Direct Customer related Project Forms.

Page 3 of Application Form includes a new tab of Growth Management (Energy & Demand Forecast).

The Growth management Task Team was established to set up the process and system required to control and manages new and existing Customers applying for additional Capacity at a time when Eskom is very tight on Generating Capacity. The GM Tool needs specific Data about each Application which it will use to rank the customers against a defined set of rules. When spare capacity is forecast, the GM system will allocate energy to the highest ranked customers. ACNAC is the System which records some of this data already, and it is relatively simple to add or change some data fields to accommodate all the data required by the GM Tool. This is to provide the required fields in the current Customer Application, Technical Info and Costing Sheets.

#### Energy & Demand Forecast Screen.

**Energy & Demand Forecast** explains the requirements of the Growth Management Tool. GM requires an Energy and Demand forecast for 8 years. This requires two sets of tables to be populated. The two sets of tables to be populated indicate that the Energy Forecast per month for the first 12 months after the supply is made available. The second table is the Energy Forecast per annum for the next 8 years after the supply is made available.

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Energy Forecast schedules to be captured on the Costing Sheet												
First year of taking the New or Increased NMD												
Month	1	2	3	4	5	6	7	8	9	10	11	12
Energy per Month in kWhrs												

First 8 years of taking the New or Increased NMD								
Year	1	2	3	4	5	6	7	8
Energy per Year in kWhrs	Sum of 1 to 12 above							

### Reference Forms Screen:

The screenshot shows the 'WeCan - Distribution' application running in a Microsoft Internet Explorer browser. The address bar shows the URL: http://172.24.44.16/ACNAC/Main.aspx. The application has a sidebar on the left with a menu including: ADMIN, NEW APPLICATION, MAINTENANCE, PROJECT SEARCH, DASHBOARD, WORKLIST, PAGE TESTER, REPORTS, APPLICATION SEARCH, USER, and LOGOUT. The main content area has tabs for 'Page 1', 'Page 2', 'Energy & Demand Forecast', and 'Reference Forms' (which is circled in red). The 'Reference Forms' tab displays a form with the following sections: 'Customer Information Form' (00000488), 'Technical Information Form' (00000488), 'HandOver Sheet' (00000488), and 'Scope Of Work' (00000488). Below these is a table with columns 'Process', 'Folio', and 'Notes'. The table contains two rows of data: 'DirectCustomer' with folio 'SWCL343/07 - WEDDERWILL HOME OWNERS ASSOCIATION' and 'DirectCustomer - Minor' with folio 'SWCL343/07 - WEDDERWILL HOME OWNERS ASSOCIATION'. Both rows have a 'View' link in the 'Notes' column. The bottom of the screen shows a Windows taskbar with various open applications and the system clock at 10:38 AM.

### Changes Made on the Reference Forms Tab:

- On application search when using Reference Forms Tab it should be read only.
- All previous Form revisions must be visible in the References tab. This was an original Functional Spec requirement and should always have been available.
- Notes inputted by users and K2 controllers are to be visible via the Reference forms, accessible via "Project Search". Doing this, all notes are then always available for any user anywhere in the work flow and not limited to on being on work lists.
- When a user opens a project via project search, he/she opens the "Reference Forms" sheet and on this sheet, he/she is able to view all notes available regarding the project. The notes will indicate all activity notes made by users & K2 controllers. Please make all activity notes entered into the activity notes also

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available when a revision of a form is done. Also make the Activity notes entered while doing a revision available after approval of the revision.

The screenshot shows the Eskom K2 Workflow interface. On the left, a sidebar contains navigation links: ADMIN, NEW APPLICATION, MAINTENANCE, PROJECT SEARCH (highlighted with a red circle), DASHBOARD, WORKLIST, PAGE TESTER, REPORTS, APPLICATION SEARCH, USER, and LOGOUT. The main content area is divided into tabs: Page 1, Page 2, Energy & Demand Forecast, Reference Forms, and ActivityHistory -- Web Page Dialog (highlighted with a red circle). The ActivityHistory dialog shows a list of activities, including 'G Prepare Firm Quote and Send' by user ROELOFL on 2007-07-25 08:54:38. A red arrow points from the 'ActivityHistory' tab to the 'Notes' column in the 'Process' table below.

Process	Folio	Notes
DirectCustomer	X - BAKORO CAPITAL MANAGEMENT (PTY) LTD	<a href="#">View</a>
DirectCustomer - Minor	BVNL401/07 - BAKORO CAPITAL MANAGEMENT (PTY) LTD	<a href="#">View</a>

All Activity Notes will be available on the "Reference Forms" Tab when a project is opened via "Project Search"

## 8.7. Project Initiation Process

Project is created by clicking Project Search, New Project and then completing Project General Page

The screenshot shows the WeCan - Distribution - Microsoft Internet Explorer provided by Eskom. The browser address bar shows 'http://172.24.44.16/ACNAC/Main.aspx'. The main content area is divided into tabs: Project General (selected), Jobs, Interdependent Tx Assets, Revisions, and Audit Trail. The Project General form contains various fields with asterisks indicating mandatory fields. A red circle highlights the 'PROJECT SEARCH' link in the sidebar. A red arrow points from the 'PROJECT SEARCH' link to the 'Project General' tab.

**Mandatory Fields (marked with \*):**

- Project Name \*
- Project Initiator \*
- Distribution Region / RED \*
- Engineering Area \*
- Field Service Area \*
- Technical Service Centre \*
- Network Planning Area \*
- Business Process \*
- Priority \*
- Energy Balancing Code \*
- Customer Service Area \*
- District Municipal Area \*
- Local Municipal Area \*
- Project Required Completion Date \*
- CRA Form Completion Target Date \*

The 'Initiation Date' is set to 2009-01-16. The 'Project Description and Motivation' section includes a text area for 'Executive Summary / Motivation (Parent Project) \*'. A 'Submit' button is located at the bottom right of the form.

All mandatory fields with \* to be completed before clicking the submit button.

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## A0 Process Customer Application for Major and Minor

Before the process can follow minor workflow process, the customer application details must be processed to determine whether it a Minor, Major or IPP process Project.

A0 Process Customer Application. Major and Minor		Description	Links
<b>Process Info</b>			
Process	DirectCustomer	Intent of Activity A0 is to open the Customer application; check the data provided and assess whether it will be a Major or Minor Process project. Where it is not clear, the default should always be to select the minor process, as the majority of applications are for the Minor Process. In exceptional cases the Customer may be contacted for further details.	<a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Help</a>
Activity	A0 Process Customer Application. Major and Minor		
Folio	My Folio No		
View Activity Notes			
New Customer Application Evaluated		<input type="checkbox"/>	
Please select an option		<input checked="" type="radio"/> Major Process <input type="radio"/> Minor Process	
AA Clarify Customer Requirements Customer Executive		<input type="checkbox"/> <-- None Selected -->	
A Evaluate Application		<input type="checkbox"/> <-- None Selected -->	
Send To K2 Controller		Update	Next >> Close

### List of functions

Field Name	Data Field Name	Read - Only	Value Type	Control type	Notes	Validations
Process Info		Yes	Text	Label	Auto populate	
Process		Yes	Text	Textbox	Auto populate	
Activity		Yes	Text	Textbox	Auto populate	
Folio		Yes	Text	Textbox	Auto populate	
Description		Yes	Text	Textbox	Auto populate	
Add/View Activity Notes		No	Text	Link		
New Customer Application Evaluated		No	Text	Checkbox		Mandatory
Received all required information (New Change)		No	Text	Checkbox		Mandatory Only if all required information is checked, enable all other fields, if not, the fields should be locked.
Please select an option		No	Text	Checkbox & NamePicker	1. Major Process 2. Minor Process 3. IPP Process (New change)	Mandatory 1. If Major Process is selected, only "AA Clarify Customer Requirements" will be active. 2. If "Minor Process" is selected, Only "A Evaluate

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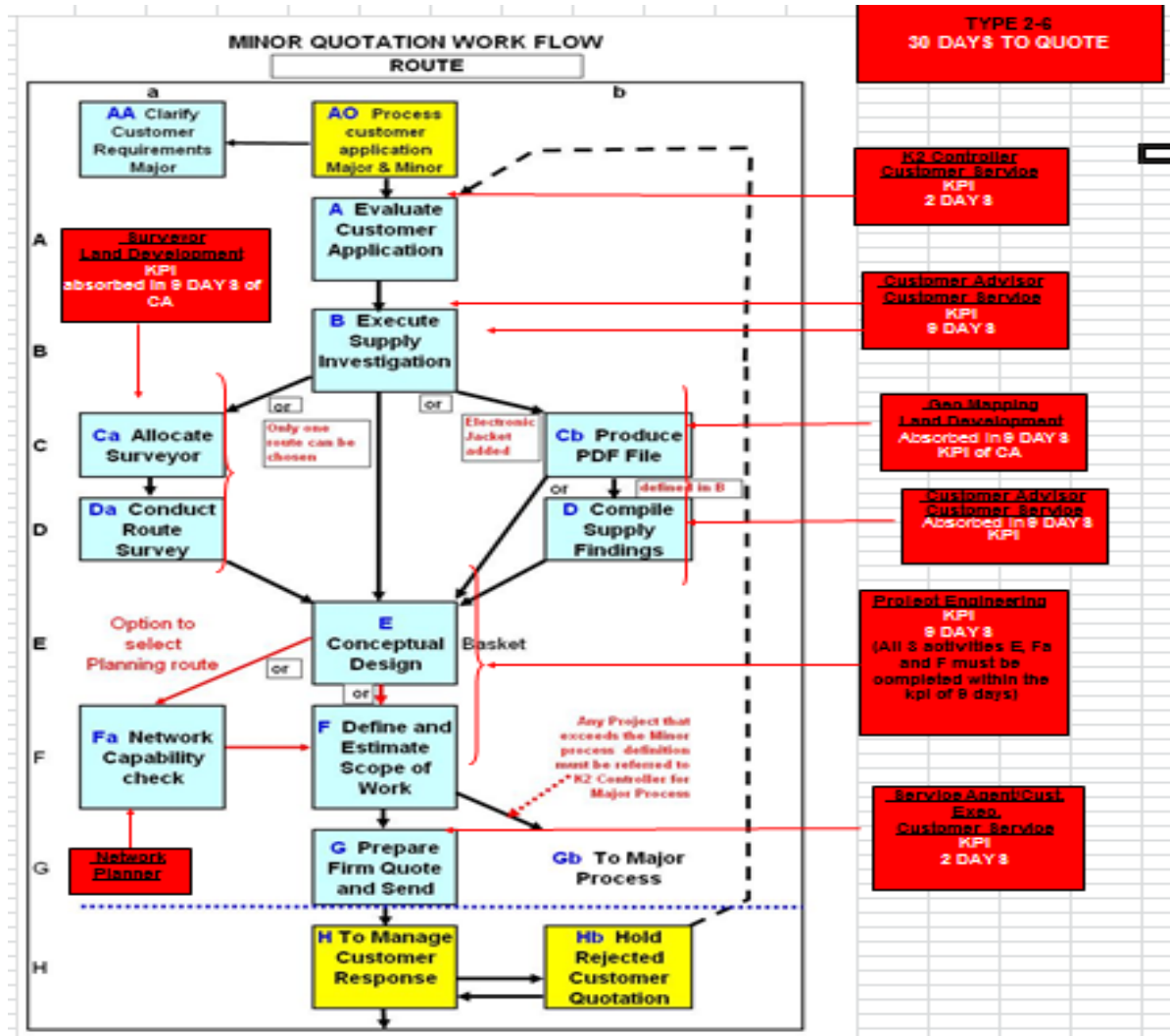
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					<b>Application”</b> will be active. 3. If “IPP” is selected, you can choose the options <b>“Macro” or</b> <b>“Micro”</b>
AA Clarify Customer Requirements	No	Text	Checkbox & Name Picker		Active and Mandatory only when <b>Major Process</b> is selected
A Evaluate Application	No	Text	Checkbox & Name Picker		Mandatory only when <b>Minor Process</b> is selected
IPP Options	No	Text	Radio Button	1. <i>Macro</i> 2. <i>Micro</i>	Only Mandatory when <b>“IPP Process”</b> is selected
Edit Activity	No		Link		
Customer Application	No		Link		
Help	Yes		Link		

### 5.2.1 Quotation Phase – Minor Process

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### 5.2.1.1 Quotation Phase - Minor process requirements

Project Phase	ID	Functional Requirement
Planning CRA Phase ( Minor process Quotation Phase)	A	Evaluate Application
	B	Execute Supply Investigation
	Ca	Allocate Surveyor
	Cb	Produce PDF File
	D	Compile Supply Findings
	Da	Conduct Route Survey
	E	Conceptual Design
	Fa	Network Capability Check
	F	Define and Estimate Scope of Work
	G	Prepare Firm Quote and Send
	Gb	To major Process

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#### 5.2.1.1.1 A Evaluate Application

The intents of this activity is to study the details in the Customer Application Form; confirm that the application is a Minor process project; correct **CSA** has been selected , Change Folio Number, Select the correct next user to carry out **Activity B- Execute Supply Investigation**

A Evaluate Application		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> A Evaluate Application <b>Folio</b> My Folio No	<b>Description</b> A Evaluate Application	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<a href="#">View Activity Notes</a>		
<b>Region</b> Customer Service Area Technical Service Area <b>B Execute Supply Investigation</b> <b>Project Type</b> <b>Sub Category</b>	<b>Region</b> CSA1 TSA1 <input type="checkbox"/> <-- None Selected --> <-- None Selected --> <-- None Selected -->	
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Edit Areas"/> <input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>	

##### 5.2.1.1.1.1 List of functions – A Evaluate Application

Field Name	Read-Only	Value Type	Control type	Notes	Validations	Field Rules
<b>Process Info</b>	Yes	Text	Label	Auto populate		
<b>Process</b>	Yes	Text	Textbox	Auto populate		
<b>Activity</b>	Yes	Text	Textbox	Auto populate		
<b>Folio</b>	Yes	Text	Textbox	Auto populate		
<b>Description</b>	Yes	Text	Textbox	Auto populate		
<b>Add/View Activity notes (New change)</b>	No	Text	Link			
<b>Region</b>	No	Text	Drop-down			
<b>Customer Service Area</b>	No	Text	Drop-down		It must be cascaded based on the <b>Region</b> selected	
<b>Technical Service Area</b>	No	Text	Drop-down		It must be cascaded based on <b>Customer Service Area</b> selected	
<b>B Execute Supply Investigation</b>	No	Text	Checkbox & Name Picker		<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected.	
<b>Project Type</b>	No	Text	Drop-down		<b>Mandatory</b>	
<b>Sub Category</b>	No		Drop-down	Auto populate.	<b>Mandatory</b> It must be cascaded based on the <b>Project type</b> selected	
<b>Edit Activity</b>	No		Link			
<b>Customer Application</b>	No		Link			

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<b>Customer Information Form</b>	No	Link
<b>Technical Information Form</b>	No	Link
<b>Scope of Work</b>	No	Link
<b>Handover Sheet</b>	No	Link
<b>Project Types</b>	Yes	Link
<b>Help</b>	Yes	Link

#### **5.2.1.1.1.2 Drop down lists – A Evaluate Application**

Drop-down	Description
<b>Project Type</b>	<ol style="list-style-type: none"> <li>1. Type 1- No MV or LV Infrastructure required.</li> <li>2. Type 2 – Only LV Infrastructure Required</li> <li>3. Type 3 – MV and LV Infrastructure Required</li> <li>4. Type 4 – Negotiated</li> <li>5. Type 5 – Self build's and Developer Projects</li> <li>6. Type 6 – Line Moves</li> </ol>
<b>Sub Category</b>	<p>A – Street Lights</p> <p>B –</p> <p>C – New (HomePower, Homelight) Eskom Funding</p> <p>D- Decrease in Supply</p> <p>I – Increase in Supply</p> <p>L – Line Deviations</p> <p>P – New Prepayment (Homelight) External Funding</p> <p>R – New Rural</p> <p>S – Selfbuilds</p> <p>T – Township Development</p> <p>V – Conversion. PP to Conventional &amp; Visa Versa</p> <p>National &amp; ACVC Reporting</p>

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### 5.2.1.1.2 B Execute Supply Investigation

B Execute Supply Investigation		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> B Execute Supply Investigation <b>Folio</b> My Folio No	<b>Description</b> B Execute Supply Investigation	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b> Contact Sales if possible lead Copy Base Station Files to Pathfinder Directory Network Capacity checked (if required) Import GeoExplorer Files into Scope of Work Please Select an Option  <b>Ca Allocate Surveyor</b> Cb Produce PDF File E Conceptual Design Send direct to E after Cb (Do not check PDF) E Conceptual Design D Compile Supply Findings <b>Project Type</b>		
<div> <input type="checkbox"/> Copy Base Station Files to Pathfinder Directory </div> <div> <input type="checkbox"/> Import GeoExplorer Files into Scope of Work </div> <div> <input checked="" type="radio"/> Survey Required  <input type="radio"/> Produce PDF File  <input type="radio"/> Investigation Completed by self </div> <div> <input type="text" value="-- None Selected --"/> </div> <div> <input type="text" value="-- None Selected --"/> </div> <div> <input type="text" value="-- None Selected --"/> </div> <div> <input type="text" value="-- None Selected --"/> </div> <div> <input type="text" value="-- None Selected --"/> </div> <div> <input type="text" value="-- None Selected --"/> </div>		
<div> <input type="button" value="Send To K2 Controller"/> <input type="button" value="Edit Areas"/> <input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/> </div>		

#### 5.2.1.1.2.1 List of functions – B Execute Supply Investigation

Please note the changes to tasks on this activity.

- **Contact Sales if possible Lead** – should be deleted.
- **Network Capacity checked (if required)** to be replaced as “**Network Capacity checked**” only, delete (If required)”
- Add “**Sufficient Network Capacity Available**” checkbox.
- Add “**No Network Capacity available**” checkbox.
- Add “**No Network Capacity Options**” radio buttons.

Field Name	Read - Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Copy Base Station Files to Pathfinder Directory	No	Text	Button	When you click on the button, it will open the "Copy BaseStation Files" dialog	
Network Capacity checked	No	Text	Checkbox		
Sufficient Network Capacity Available	No	Text	Checkbox		When checkbox is selected, “No Network Capacity available” and “No Network Capacity

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No Network Capacity available	No	Text	Checkbox	1.	<b>Options</b> ” should be greyed out” When checkbox is selected, <b>Sufficient Network Capacity Available</b> ” should be greyed out”
No Network Capacity Options	No	Text	Radio button	2. <i>Stop Quotation</i> 3. <i>Produce Future dated quote</i>	If “ <b>Produce Future dated quote</b> ” is selected, then proceed with the quote. If “ <b>Stop Quotation</b> ” is selected, it will end the process.
Import GeoExplorer Files into Scope of Work	No	Text	Button		
Please select an Option	No	Text	Radio Button	1. <i>Survey Required</i> 2. <i>Produce PDF File</i> 3. <i>Investigation Completed by self</i>	1. If “ <b>Survey Required</b> ” is selected, only (“ <b>Is sharing applicable for this Supply</b> ”, “ <b>Ca Allocate Surveyor</b> ”, and “ <b>Project Type</b> ” will be active. 2. If “ <b>Produce PDF File</b> ” is selected, only (“ <b>Is sharing applicable for this Supply</b> ”, “ <b>Cb Produce PDF file</b> ”, <b>D Compile Supply Findings</b> ” and “ <b>Project Type</b> ”, will be active. 3. If “ <b>Investigation Completed by self</b> ” is selected, , only (“ <b>Is sharing applicable for this Supply</b> ”, “ <b>E Conceptual Design</b> ” and “ <b>Project Type</b> ” will be active.
Is sharing applicable for this Supply?	No	Text	Radio button	1. <i>Yes</i> 2. <i>No</i>	<b>Mandatory</b>
Ca Allocate Surveyor	No	Text	Checkbox & Dropdown		<b>Mandatory only when survey is required</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
Cb Produce PDF File	No	Text	Checkbox & Name Picker		<b>Mandatory only when “Produce PDF File” is selected.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
E Conceptual Design	No	Text	Checkbox & Name Picker		<b>Mandatory only when “Investigation Completed by self” is selected.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
Send direct to E Conceptual Design after Cb	No	Text	Checkbox		

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<b>Produce PDF File</b> (Do not check PDF)				
<b>E Conceptual Design</b>	No	Text	Checkbox & Name Picker	<b>Mandatory only when “Investigation Completed by self” is selected.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>D Compile Supply Findings</b>	No	Text	Checkbox & Name Picker	<b>Mandatory only when “Produce PDF File” is selected.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>Project Type</b>			Drop-down	<b>Mandatory</b>
<b>Edit Activity</b>	No	Text	Link	
<b>Customer Application</b>	No	Text	Link	
<b>Customer Information Form</b>	No	Text	Link	
<b>Technical Information Form</b>	No	Text	Link	
<b>Scope of Work</b>	No	Text	Link	
<b>Handover Sheet</b>	No	Text	Link	
<b>Project Type</b>	No	Text	Link	
<b>Help</b>	No	Text	Link	

#### 5.2.1.1.2.2 Drop down lists – B Execute Supply Investigation

Drop-down	Description
<b>Project Type</b>	<ol style="list-style-type: none"> <li>1. Type 1- No MV or LV Infrastructure required(30 days)</li> <li>2. Type 2 – Only LV Infrastructure Required (60 days)</li> <li>3. Type 3 – MV and LV Infrastructure Required (90 days)</li> <li>4. Type 4 – Negotiated</li> <li>5. Type 5 – Self build’s and Developer Projects</li> <li>6. Type 6 – Line Moves</li> </ol>

#### 5.2.1.1.2.3 Buttons – Copy Base Station Files

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Base Station Date and Time Selections

Base Station Date			
Time	Selected	Uploaded	Status
5 AM	<input type="checkbox"/>	<input type="checkbox"/>	
6 AM	<input type="checkbox"/>	<input type="checkbox"/>	
7 AM	<input type="checkbox"/>	<input type="checkbox"/>	
8 AM	<input type="checkbox"/>	<input type="checkbox"/>	
9 AM	<input type="checkbox"/>	<input type="checkbox"/>	
10 AM	<input type="checkbox"/>	<input type="checkbox"/>	
11 AM	<input type="checkbox"/>	<input type="checkbox"/>	
12 AM	<input type="checkbox"/>	<input type="checkbox"/>	
1 PM	<input type="checkbox"/>	<input type="checkbox"/>	
2 PM	<input type="checkbox"/>	<input type="checkbox"/>	
3 PM	<input type="checkbox"/>	<input type="checkbox"/>	
4 PM	<input type="checkbox"/>	<input type="checkbox"/>	
5 PM	<input type="checkbox"/>	<input type="checkbox"/>	
6 PM	<input type="checkbox"/>	<input type="checkbox"/>	
7 PM	<input type="checkbox"/>	<input type="checkbox"/>	

#### 5.2.1.1.2.4 List of Functions– Copy Base Station Files

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Upload Sever	No	Text	Textbox	Auto populate	
Upload Path	No	Text	Textbox	Auto populate	
Import Path	No	Text	Textbox	Auto populate	
Base Path	No	Text	Textbox	Auto populate	
Archive Path	No	Text	Textbox	Auto populate	
Base Station Date and Time Selections	No	Text	Label		
Base Station Date	No	Date	Calendar		YYYY-MM-DD
Time	No	Text	Label	For values refer to 5.2.1.1.2.5	
Time Selected	No	Text	Checkbox	1. Yes- for ticked checkbox 2. No- for unticked checkbox	
Time Uploaded	No	Text	Checkbox	1. Yes – for ticked checkbox 2. No – for unticked checkbox	
Time Status		Text	Dropdown list	Auto populate	“Status” will be populated once the button “Copy Selected Files”

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				is clicked.
<b>Copy Selected Files</b>	No	Text	Button	If the button is clicked, the “ <b>Status</b> ” for selected times will be populated.
<b>Close</b>	No	Text	Button	If the close button is clicked, it will close “ <b>Copy Base Station Files</b> ” dialog.

#### 5.2.1.1.2.5 Labels - Copy Base Station Files

Field Name	Value(s)
<b>Time</b>	5 AM 6 AM 7 AM 8 AM 9AM 10 AM 11 AM 12 AM 1 PM 2 PM 3 PM 4 PM 5 PM 6 PM 7 PM
<b>Status</b>	File not found Pending...

#### 5.2.1.1.2.6 Buttons – Import GeoExplorer Files into Scope of Work

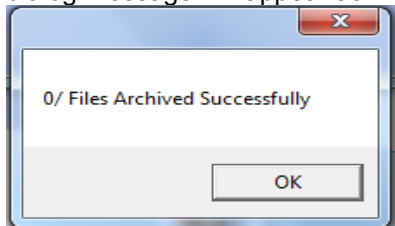
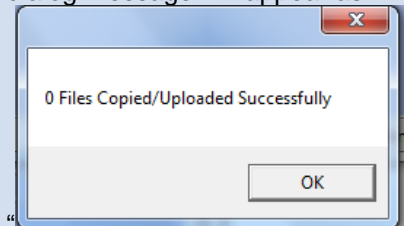
<b>Upload Server</b>	172.29.42.182
<b>Upload Path</b>	PATHFINDER/UPLOAD
<b>Import Path</b>	\
<b>Base Path</b>	\
<b>Archive Path</b>	\
<b>Geo Explorer Files to be Read</b>	<div> <div>Uploaded</div> <div>Archive GeoExplorer Files</div> <div>Upload GeoExplorer Files</div> <div>Close</div> </div>

#### 5.2.1.1.2.7 List of Functions– Import GeoExplorer Files into Scope of Work

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Field Name	Read-Only	Value Type	Control type	Notes	Validations
Upload Server	Yes	Text	Textbox	<i>Auto populated</i>	
Upload Path	Yes	Text	Textbox	<i>Auto populated</i>	
Import Path	Yes	Text	Textbox	<i>Auto populated</i>	
Base Path	Yes	Text	Textbox	<i>Auto populated</i>	
Archive Path	Yes	Text	Textbox	<i>Auto populated</i>	
Geo Explorer Files to be read	No	Text	Textbox	It will list all GeoExplorer Files to be read	
Uploaded				<ol style="list-style-type: none"> <li><i>Yes- if the file is uploaded</i></li> <li><i>No- if the file is not uploaded</i></li> </ol>	
Archive GeoExplorer Files	No	Text	Button		<p>When the button is clicked, the popup dialog message will appear as"</p> 
Upload GeoExplorer Files	No	Text	Button		<p>When the button is clicked, the popup dialog message will appear as</p>  <p>And files uploaded will be displayed under "Geo Explorer Files to be read"</p>
Close				3.	

### 5.2.1.1.3 Ca Allocate Surveyor

Ca Allocate Surveyor		
<b>Process Info</b> Process DirectCustomer - Minor Activity Ca Allocate Surveyor Folio My Folio No	<b>Description</b> Ca Allocate Surveyor	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<a href="#">View Activity Notes</a>	QUOTE IN 10 DAYS LEFT 10	
Da Conduct Route Survey <input type="checkbox"/> <-- None Selected -->		
Send To K2 Controller	<< Back	Update    Next >>    Close

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#### 5.2.1.1.3.1 List of Functions – Ca Allocate Surveyor

This activity must be combined with activity **Da Conduct Route Survey**

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	<i>Auto populate</i>	
Process	Yes	Text	Textbox	<i>Auto populate</i>	
Activity	Yes	Text	Textbox	<i>Auto populate</i>	
Folio	Yes	Text	Textbox	<i>Auto populate</i>	
Description	Yes	Text	Textbox	<i>Auto populate</i>	
Add/View Activity notes (New change)	No	Text	Link		
Route In	No	Number	Textbox	<i>Auto populate</i>	
Days Left	No	Number	Textbox	<i>Auto populate</i>	
Da Conduct Route Survey	No	Text	Checkbox & Name Picker		<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No	Text	Link		
Customer Application	No	Text	Link	<i>Link to Customer application form</i>	
Customer Information Form	No	Text	Link	<i>Link to Customer Information Form</i>	
Technical Information Form	No	Text	Link	<i>Link to Technical Information Form</i>	
Scope of Work	No	Text	Link		
Handover Sheet	No	Text	Link		
Project Type	No	Text	Link	<i>Link to names and description of all project types</i>	
Help	No	Text	Link		

#### 5.2.1.1.4 Cb Produce PDF File

Cb Produce PDF File		
<b>Process Info</b> Process DirectCustomer - Minor Activity Cb Produce PDF File Folio My Folio No	<b>Description</b> Cb Produce PDF File	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	<div>QUOTE IN 10</div> <div>DAYS LEFT 10</div>	
Export Scope Of Work PDF Files Attached	<div>Export Scope of Work to local directory</div> <input type="checkbox"/>	
<div>Send To K2 Controller</div>	<div> <div>&lt;&lt; Back</div> <div>Update</div> <div>Next &gt;&gt;</div> <div>Close</div> </div>	

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#### 5.2.1.1.4.1 List of functions – Cb Produce PDF File

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Quote In	Yes	Number	Textbox	Auto populate	
Days Left	Yes	Number	Textbox	Auto populate	
Sent By	Yes	Text	Textbox	Auto populate	
Export Scope of work	No	Text	Button		
PDF Files Attached	No	Text	Checkbox		Mandatory
Edit Activity	No	Text	Link		
Customer Application	No	Text	Link	Link to Customer application form	
Customer Information Form	No	Text	Link	Link to Customer Information Form	
Technical Information Form	No	Text	Link	Link to Technical Information Form	
Scope of Work	No	Text	Link		
Handover Sheet	No	Text	Link		
Project Type	No	Text	Link		
Help	No	Text	Link		

#### 5.2.1.1.5 D Compile Supply Findings

D Compile Supply Findings		
<b>Process Info</b> Process DirectCustomer - Minor Activity D Compile Supply Findings Folio My Folio No	<b>Description</b> D Compile Supply Findings	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	QUOTE IN DAYS LEFT	10 10
Required Attachments Correct	<input type="checkbox"/>	
Technical Information Form Correct	<input type="checkbox"/>	
E Conceptual Design	<input type="checkbox"/> <-- None Selected -->	
Send To K2 Controller	<< Back    Update    Next >>    Close	

#### 5.2.1.1.5.1 List of functions – D Compile Supply Findings

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	

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Folio	Yes	Text	Textbox	<i>Auto populate</i>
Description	Yes	Text	Textbox	<i>Auto populate</i>
Add/View Activity notes ( <b>New change</b> )	No	Text	Link	
Route In	No	Number	Textbox	<i>Auto populate</i>
Days Left	No	Number	Textbox	<i>Auto populate</i>
Required Attachments Correct	No	Text	Checkbox	Mandatory
Technical Information Form Correct		Text	Checkbox	Mandatory
E Conceptual Design		Text	Checkbox & Name Picker	Mandatory. When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No	Text	Link	
Customer Application	No	Text	Link	<i>Link to Customer application form</i>
Customer Information Form	No	Text	Link	<i>Link to Customer Information Form</i>
Technical Information Form	No	Text	Link	<i>Link to Technical Information Form</i>
Scope of Work	No	Text	Link	
Handover Sheet	No	Text	Link	
Project Type	No	Text	Link	
Help	No	Text	Link	

#### 5.2.1.1.6 Da Conduct Route Survey

Da Conduct Route Survey		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Da Conduct Route Survey Folio: My Folio No	<b>Description</b> Da Conduct Route Survey	
View Activity Notes Process Required Survey Drawings E Conceptual Design	<div> <div>QUOTE IN</div> <div>DAYS LEFT</div> <div>10</div> <div>10</div> </div> <div> <input type="checkbox"/> &lt;-- None Selected --&gt;         </div>	
Send To K2 Controller	<div> <div>&lt;&lt; Back</div> <div>Update</div> <div>Next &gt;&gt;</div> <div>Close</div> </div>	
<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>		

#### 5.2.1.1.6.1 List of Functions – Da Conduct Route Survey

Please note the changes to the activity:-

This activity must be combined with activity **Ca Allocate Survey**.

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Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<i>Auto populate</i>	
<b>Process</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Activity</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Folio</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Description</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Add/View Activity notes</b> <b>(New change)</b>	No	Text	Link		
<b>Qoute In</b>	No	Number	Textbox	<i>Auto populate</i>	
<b>Days Left</b>	No	Number	Textbox	<i>Auto populate</i>	
<b>Process Required Survey Drawings</b>	No	Text	Checkbox		<b>Mandatory</b>
<b>E Conceptual Design</b>	No	Text	Checkbox & Name Picker		<b>Mandatory</b> . When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>Edit Activity</b>	No	Text	Link		
<b>Customer Application</b>	No	Text	Link	<i>Link to Customer application form</i>	
<b>Customer Information Form</b>	No	Text	Link	<i>Link to Customer Information Form</i>	
<b>Technical Information Form</b>	No	Text	Link	<i>Link to Technical Information Form</i>	
<b>Scope of Work</b>	No	Text	Link		
<b>Handover Sheet</b>	No	Text	Link		
<b>Project Type</b>	No	Text	Link		
<b>Help</b>	No	Text	Link		

#### 5.2.1.1.7 E Conceptual Design

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E Conceptual Design		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: E Conceptual Design Folio: My Folio No	<b>Description</b> E Conceptual Design	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	QUOTE IN: 10 DAYS LEFT: 10	
Please select an option		
Conceptual Design prepared from data received		
Fa Network Capability Check		
F Define and Estimate Scope of Work		
<input checked="" type="radio"/> Network Capability Assessment Required <input type="radio"/> No Network Assessment Required <input type="text" value="-- None Selected --"/> <input type="text" value="-- None Selected --"/>		
Send To K2 Controller	<< Back	Update    Next >>    Close

#### 5.2.1.1.7.1 List of Functions – E Conceptual Design

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Route In	No	Number	Textbox	Auto populate	
Days Left	No	Number	Textbox	Auto populate	The timer should display in working days.
Please select an option	No	Text	Radio Button	1. Network Capacity Assessment Required 2. No Network Assessment Required	If "Network Capacity Assessment Required" is selected, only "Fa Network Capability Check" will be active. If "No Network Assessment Required" is selected, "F Define and Estimate Scope of Work" will be active.
Conceptual Design prepared from data received		Text	Checkbox		Mandatory
Fa Network Capacity Check		Text	Checkbox & Name Picker		Mandatory if "Network Capacity Assessment Required" is selected. When the checkbox is selected, the next user to carry out the next activity should be selected.
F Define and Estimate Scope of Work		Text	Checkbox & Name Picker		Mandatory if "No Network Assessment Required" is selected When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No	Text	Link		
Customer Application	No	Text	Link	Link to Customer application form	

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Customer Information Form	No	Text	Link	<a href="#">Link to Customer Information Form</a>
Technical Information Form	No	Text	Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No	Text	Link	
Handover Sheet	No	Text	Link	
Project Type	No	Text	Link	
Help	No	Text	Link	

#### 5.2.1.1.8 Fa Network Capacity Check

Fa Network Capacity Check			
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Fa Network Capacity Check Folio: My Folio No	<b>Description</b> Fa Network Capacity Check		<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes F Define and Estimate Scope of Work Additional Load Modelled Network Capacity Assessed Please select an option	QUOTE IN 10 DAYS LEFT 10 <input type="text" value="None Selected --&gt;"/> <input type="checkbox"/> <input type="checkbox"/> <input checked="" type="checkbox"/> Existing Network Capable <input type="checkbox"/> Network Solution Proposed		
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>		

##### 5.2.1.1.8.1 List of Functions – Fa Network Capacity Check

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Route In	No	Number	Textbox	Auto populate	
Days Left	No	Number	Textbox	Auto populate	
F Define and Estimate Scope of Work	No	Text	Checkbox & Name Picker		Mandatory. When the checkbox is selected, the next user to carry out the next activity should be selected.
Additional Load Modelled		Text	Checkbox		Mandatory.
Network Capacity Assessed		Text	Checkbox		Mandatory.

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Please select an option		Text	Radio button	1. Existing Network Capable. 2. Network Solution Proposed.	Mandatory.
Edit Activity	No	Text	Link		
Customer Application	No	Text	Link	Link to Customer application form	
Customer Information Form	No	Text	Link	Link to Customer Information Form	
Technical Information Form	No	Text	Link	Link to Technical Information Form	
Scope of Work	No	Text	Link		
Handover Sheet	No	Text	Link		
Project Type	No	Text	Link		
Help	No	Text	Link		

#### 5.2.1.1.9 F Define and Estimate Scope of Work

F Define and Estimate Scope of Work		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> F Define and Estimate Scope of Work <b>Folio</b> My Folio No	<b>Description</b> F Define and Estimate Scope of Work	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b>	<b>QUOTE IN</b> 10 <b>DAYS LEFT</b> 10	
Please select an option <div> <input checked="" type="radio"/> Continue with minor process  <input type="radio"/> Move to major process </div> <p>All Quotations MUST stipulate a Connection Duration. This can be standard 30,60 or 90 days or Negotiated for Type 4</p> <p>G Prepare Firm Quote and Send</p> <p>A0 Process Customer Application. Major and Minor</p> <p>Transformer No/Pole number confirmed</p> <p>Additional Network requirements included where required</p> <p>Scope of Work completed</p> <p>Material Schedule Added To Jacket or Referenced</p> <p>Project Type</p> <p>Sub Category</p> <p>UrbanRural</p>		
<div> <input type="checkbox"/> Negotiated </div> <div> <input type="checkbox"/> &lt;-- None Selected --&gt; </div> <div> <input type="checkbox"/> &lt;-- None Selected --&gt; </div> <div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> </div> <div> <input type="checkbox"/> &lt;-- None Selected --&gt; </div> <div> <input type="checkbox"/> &lt;-- None Selected --&gt; </div> <div> <input type="checkbox"/> &lt;-- None Selected --&gt; </div>		
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.1.1.9.1 List of Functions – F Define and Estimate Scope of Work

Note the following changes to the activity:-

- Add “Pole number confirmed” checkbox
- Delete the word **Pole Number** on task “Transformer No/Pole number confirmed”
- Change “Update” button to “Save” button.

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Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	<i>Auto populate</i>	
Process	Yes	Text	Textbox	<i>Auto populate</i>	
Activity	Yes	Text	Textbox	<i>Auto populate</i>	
Folio	Yes	Text	Textbox	<i>Auto populate</i>	
Description	Yes	Text	Textbox	<i>Auto populate</i>	
Add/View Activity notes (New change)	No	Text	Link		
Route In	No	Number	Textbox	<i>Auto populate</i>	
Days Left	No	Number	Textbox	<i>Auto populate</i>	
Please select an option	No	Text	Radio button	1. <i>Continue with minor process</i> 2. <i>Move to major process</i>	If “Continue with minor process” is selected, only “ G prepare Firm Quote and Send”, “Transformer No/Pole number confirmed”, “Additional Network requirements included where required”, “Scope of work completed”, “Material Schedule Added to Jacket or Referenced”, “Project Type”, “Sub Category” and “UrbanRural” will be active If “Move to major process” is selected, only “A0 Process Customer Application, Major and Minor” will be activated.
All Quotations MUST stipulate a Connection Duration. This can be standard 30,60 or 90 days or Negotiated for Type 4	No	Text	Dropdown	30 days 60 days 90 days Negotiated for Type 4	
G Prepare Firm Quote and Send	No	Text	Checkbox & Name Picker		Mandatory only when “Move to major process” is selected, When the checkbox is selected, the next user to carry out the next activity should be selected.
A0 Process Customer Application, Major and Minor	No	Text	Checkbox & Name Picker		Mandatory only when “Continue with minor process” is selected, When the checkbox is selected, the next user to carry out the next activity should be selected.
Transformer number confirmed	No	Text	Textbox		Mandatory only when “Continue with minor process” is selected,
Pole number confirmed	No	Text	Textbox		
Has	No	Text	Checkbox		If not selected deactivate other fields and

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transformer been validated in Small World?					continue
Additional Network requirements included where required	No	Text	Checkbox		Mandatory only when “Continue with minor process” is selected,
Scope of Work completed	No	Text	Checkbox		Mandatory only when “Continue with minor process” is selected,
Material Schedule Added to Jacket or Referenced	No	Text	Checkbox		Mandatory only when “Continue with minor process” is selected,
Project Type	No	Text	Dropdown	Auto populate	Mandatory only when “Continue with minor process” is selected,
Sub Category	No	Text	Dropdown	Auto populate	Mandatory only when “Continue with minor process” is selected,
UrbanRural	No	Text	Dropdown		Mandatory only when “Continue with minor process” is selected,
Edit Activity	No	Text	Link		
Customer Application	No	Text	Link	Link to Customer application form	
Customer Information Form	No	Text	Link	Link to Customer Information Form	
Technical Information Form	No	Text	Link	Link to Technical Information Form	
Scope of Work	No	Text	Link		
Handover Sheet	No	Text	Link		
Project Type	No	Text	Link		
Help	No	Text	Link		

#### 5.2.1.1.9.2 Drop down lists - F Define and Estimate Scope of Work

Drop-down	Description
Project Type	<ol style="list-style-type: none"> <li>1. Type 1- No MV or LV Infrastructure required.</li> <li>2. Type 2 – Only LV Infrastructure Required</li> <li>3. Type 3 – MV and LV Infrastructure Required</li> <li>4. Type 4 – Negotiated</li> <li>5. Type 5 – Self build’s and Developer Projects</li> <li>Type 6 – Line Moves</li> </ol>

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Sub Category	A – Street Lights B – C – New (HomePower, Homelight) Eskom Funding D- Decrease in Supply I – Increase in Supply L – Line Deviations P – New Prepayment (Homelight) External Funding R – New Rural S – Self builds T – Township Development V – Conversion. PP to Conventional & Visa Versa National & ACVC Reporting
UrbanRural	U – Urban R – Rural

#### 5.2.1.1.10 G Prepare Firm Quote and Send

G Prepare Firm Quote and Send		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: G Prepare Firm Quote and Send Folio: My Folio No	<b>Description</b> G Prepare Firm Quote and Send	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b> Connection in Transformer number noted in Technical Info Quotation Prepared and Sent to Customer H Process Customer Response	<b>QUOTE IN</b> 10 <b>DAYS LEFT</b> 10 Negotiated <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <- None Selected ->	
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.1.1.10.1 List of functions – G Prepare Firm Quote and Send

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Quote In	No	Number	Textbox	Auto populate	
Days Left	No	Number	Textbox	Auto populate	
Connection in	Yes	Text	Textbox	Auto populate	
Transformer number noted		Text	Checkbox		Mandatory

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in Technical Info				
Quotation Prepared and Sent to Customer		Text	Checkbox	Mandatory
H Process Customer Response		Text	Checkbox & Name Picker	Mandatory  When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No	Text	Link	
Customer Application	No	Text	Link	<a href="#">Link to Customer application form</a>
Customer Information Form	No	Text	Link	<a href="#">Link to Customer Information Form</a>
Technical Information Form	No	Text	Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No	Text	Link	
Handover Sheet	No	Text	Link	
Project Type	No	Text	Link	
Help	No	Text	Link	

#### 5.2.1.1.11 Gb to major Process

Gb To Major Process		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> Gb To Major Process <b>Folio</b> My Folio No	<b>Description</b> Gb To Major Process	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b> Project Transferred <input type="checkbox"/> Project stopped <input type="checkbox"/>		
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.1.1.11.1 List of Functions – Gb To major Process

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	<a href="#">Auto populate</a>	
Process	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Activity	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Folio	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Description	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Add/View Activity notes (New change)	No	Text	Link		

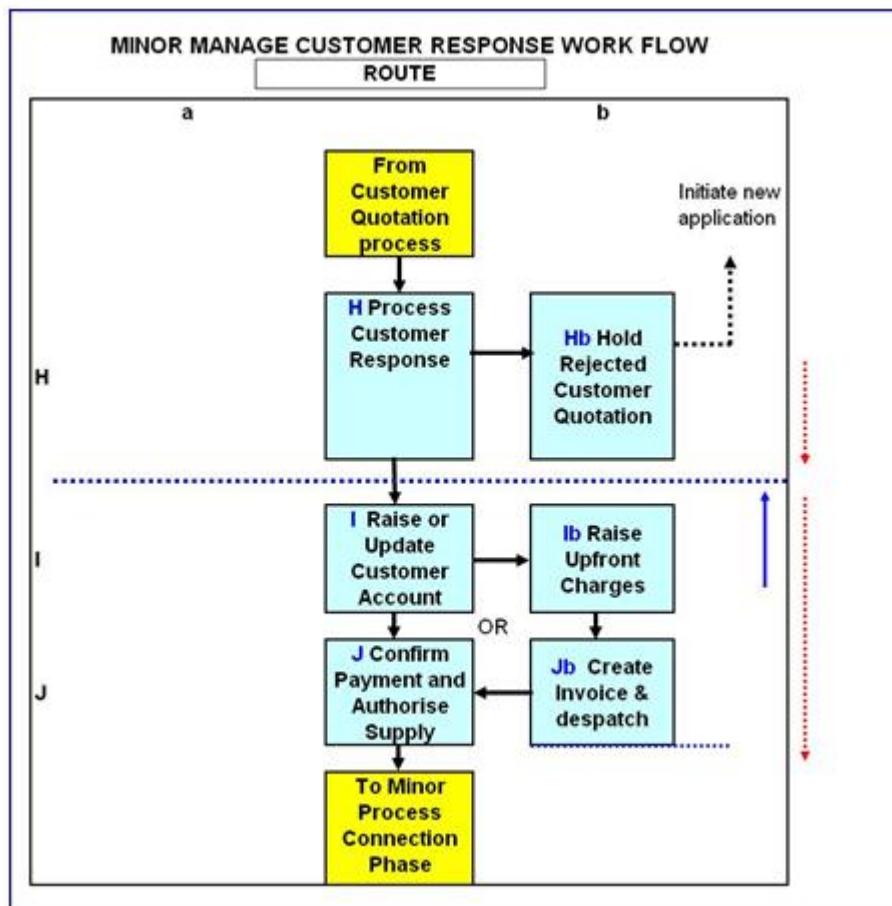
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Project Transferred	No	Text	Checkbox	Mandatory
Project Stopped	No	Text	Checkbox	Mandatory
Edit Activity	No	Text	Link	
Customer Application	No	Text	Link	<a href="#">Link to Customer application form</a>
Customer Information Form	No	Text	Link	<a href="#">Link to Customer Information Form</a>
Technical Information Form	No	Text	Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No	Text	Link	
Handover Sheet	No	Text	Link	
Project Type	No	Text	Link	
Help	No	Text	Link	

## 5.2.2 Manage Customer Response – Minor Process



### 5.2.2.1 Manage Customer Response requirements

Phase	ID	Functional Requirement
Design DRA Phase (Manage Customer Response)		<a href="#">H Process Customer Response</a>
		<a href="#">Hb Hold Rejected Customer Quotation</a>

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	<a href="#">I Raise or Update Customer account</a>
	<a href="#">Ib Raise Upfront Charges</a>
	<a href="#">J Confirm Payment and Authorise Supply</a>
	<a href="#">Jb Create Invoice &amp; despatch</a>

### 5.2.2.1.1 H Process Customer Response

H Process Customer Response		Links
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> H Process Customer Response <b>Folio</b> My Folio No	<b>Description</b> H Process Customer Response	<a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b> Customer Decision Date of acceptance captured Negotiated Connection Days I Raise or Update Customer account Hb Hold Rejected Customer Quotation		
<input checked="" type="radio"/> Customer Accepted <input type="radio"/> Customer Rejected Negotiated <-- None Selected --> <-- None Selected -->		
<input type="button" value="Send To K2 Controller"/> <input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>		

#### 5.2.2.1.1.1 List of Functions – H Process Customer Response

Note the following changes to the activity:-

- “**Date of acceptance**” – the date should be calculated from Date of issue of quote<=30 days or else select options to continue or not.
- Add “**Do you want to continue**” radio button with Yes and No options.

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Customer Decision	No	Text	Radio button	1. Customer Accepted 2. Customer Rejected	If “Customer Accepted” is selected, only “Date of acceptance captured”, “Negotiated Connection Days”, and “I Raise or Update Customer account” will be active. If “Customer Rejected” is selected, only “Hb Hold Rejected Customer Quotation” will be active.
Date of	No	Date	Date Picker	Date of issue of quote	Mandatory

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acceptance	<=30 days, or else select options to continue or not				
Do you want to continue:	No	Text	Radio button	1. Yes 2. No	If "No" is selected then stop the process.
Negotiated Connection Days	No	Number	Textbox		Mandatory
I Raise or Update Customer account	No	Text	Checkbox & Name Picker		Mandatory only when "Customer Accepted" is selected. When the checkbox is selected, the next user to carry out the next activity should be selected.
Hb Hold Rejected Customer Quotation	No	Text	Checkbox & Name Picker		Mandatory only when "Customer Rejected" is selected. When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No	Text	Link		
Customer Application	No	Text	Link	Link to Customer application form	
Customer Information Form	No	Text	Link	Link to Customer Information Form	
Technical Information Form	No	Text	Link	Link to Technical Information Form	
Scope of Work	No	Text	Link		
Handover Sheet	No	Text	Link		
Project Type	No	Text	Link		
Help	No	Text	Link		

#### 5.2.2.1.2 Hb Hold Rejected Customer Quotation

Hb Hold Rejected Customer Quotation		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Hb Hold Rejected Customer Quotation Folio: My Folio No	<b>Description</b> Hb Hold Rejected Customer Quotation	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes Please select an option A Evaluate Application		
<input checked="" type="checkbox"/> Restart project with existing customer and application form data <input type="checkbox"/> Send project back to H Process Customer Response <input type="checkbox"/> <-- None Selected -->		
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Stop Project"/> <input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.2.1.2.1 List of Functions – Hb Hold Rejected Customer Quotation

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	

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Add/View Activity notes (New change)	No	Text	Link		
Please select an option	No	Text	Radio button	<ol style="list-style-type: none"> <li>Restart project with existing customer and application form data</li> <li>Send project back to H Process Customer Response</li> </ol>	<p>If “Restart project with existing customer and application form data” is selected, only “A Evaluate Application” will be active.</p> <p>If “Send project back to H Process Customer Response” is selected, it will send the activity back to “H Process Customer Response”</p>
A Evaluate Application	No	Text	Checkbox & Name Picker		<p>“Mandatory when “Restart project with existing customer and application form data” is selected,</p> <p>When the checkbox is selected, the next user to carry out the next activity should be selected.</p>
Edit Activity	No	Text	Link		
Customer Application	No	Text	Link	Link to Customer application form	
Customer Information Form	No	Text	Link	Link to Customer Information Form	
Technical Information Form	No	Text	Link	Link to Technical Information Form	
Scope of Work	No	Text	Link		
Handover Sheet	No	Text	Link		
Project Type	No	Text	Link		
Help	No	Text	Link		

### 5.2.2.1.3 I Raise or Update Customer account

I Raise or Update Customer account		Description		Links	
<b>Process Info</b>	<b>Process</b> DirectCustomer - Minor <b>Activity</b> I Raise or Update Customer account <b>Folio</b> My Folio No	I Raise or Update Customer account		<a href="#">Edit Activity</a> <a href="#">Create Person in CC&amp;B</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>	
<b>View Activity Notes</b>					
Customer Registered in CC&B Raise Upfront Charges  Cash upfront payment amount excluding VAT Cash upfront VAT amount VAT @ Total Amount J Confirm Payment and Authorise Supply Ib Raise Upfront Charges Supply Agreement Concluded		<input type="checkbox"/> <input checked="" type="radio"/> No <input checked="" type="radio"/> Yes  <input type="text" value="0.00"/> <input type="text" value="0.00"/> <input type="text" value="14%"/> <input type="text" value="0.00"/> <input type="text" value="--- None Selected ---"/> <input type="text" value="--- None Selected ---"/> <input type="checkbox"/>			
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next &gt;"/> <input type="button" value="Close"/>			

#### 5.2.2.1.3.1 List of Functions – I Raise or Update Customer account

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Note the following changes to the activity:-

- Add “ Enter account number from CC &B” field.

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Customer Registered in CC&B	No	Text	Checkbox		Mandatory
Raise Upfront Charges	No	Text	Radio button	1. Yes 2. No	If “Yes” is selected, only the following will be active:- 1. Cash Upfront VAT amount 2. VAT@ 3. Total Amount 4. Ib Raise Upfront Charges 5. Supply Agreement Concluded  If “No” is selected only the following will be active:- 1. J Confirm Payment and Authorise Supply 2. Supply Agreement Concluded.
Cash upfront payment amount excluding VAT	No	Number	Textbox		Mandatory when “Yes” option is selected on “Raise Upfront Charges”
Cash upfront VAT amount	No	Number	Textbox		Mandatory when “Yes” option is selected on “Raise Upfront Charges”
VAT @	No	Percentage	Textbox		Mandatory when “Yes” option is selected on “Raise Upfront Charges”
Total amount		Number	Textbox		Mandatory when “Yes” option is selected on “Raise Upfront Charges”
J Confirm Payment and Authorise Supply		Text	Checkbox & Name Picker		Mandatory when “No” option is selected on “Raise Upfront Charges” When the checkbox is selected, the next user to carry out the next activity should be selected.
Ib Raise Upfront Charges		Text	Checkbox, Name Picker &		Mandatory when “Yes” option is selected on “Raise Upfront Charges”

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Textbox				When the checkbox is selected, the next user to carry out the next activity should be selected.
Supply Agreement Concluded	Text	Checkbox	Mandatory	
Edit Activity	No	Text	Link	
Create Person in CC&B	No	Text	Link	
Customer Application	No	Text	Link	<a href="#">Link to Customer application form</a>
Customer Information Form	No	Text	Link	<a href="#">Link to Customer Information Form</a>
Technical Information Form	No	Text	Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No	Text	Link	
Handover Sheet	No	Text	Link	
Project Type	No	Text	Link	
Help	No	Text	Link	

#### 5.2.2.1.4 Ib Raise Upfront Charges

Ib Raise Upfront Charges		Links
<b>Process Info</b> Process DirectCustomer - Minor Activity Ib Raise Upfront Charges Folio My Folio No	<b>Description</b> Ib Raise Upfront Charges	<a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b> Raise Upfront Payments and allocate to Internal Order/payment in Adv <input type="checkbox"/> Cash upfront payment amount excluding VAT <input type="text"/> VAT @ <input type="text"/> 14% Cash upfront VAT amount <input type="text"/> Total Amount <input type="text"/> Ib Create Invoice and Despatch <input type="checkbox"/> <-- None Selected -->		
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next &gt;"/> <input type="button" value="Close"/>	

##### 5.2.2.1.4.1 List of Functions – Ib Raise Upfront Charges

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New change)	No	Text	Link		
Raise Upfront	No	Text	Checkbox		Mandatory

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<b>Payment and allocate to internal Order/payment in Advance</b>				
Cash upfront payment amount excluding VAT	No	Number	Textbox	<i>Auto populate</i>
VAT @	No	Number	Textbox	<i>Auto populate</i>
Cash upfront VAT amount	No	Percentage	Textbox	<i>Auto populate</i>
Total amount	No	Number	Textbox	<i>Auto populate</i>
Jb Create Invoice and Dispatch	No	Text	Checkbox & Name Picker	<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No	Text	Link	
Customer Application	No	Text	Link	<i>Link to Customer application form</i>
Customer Information Form	No	Text	Link	<i>Link to Customer Information Form</i>
Technical Information Form	No	Text	Link	<i>Link to Technical Information Form</i>
Scope of Work	No	Text	Link	
Handover Sheet	No	Text	Link	
Project Type	No	Text	Link	
Help	No	Text	Link	

#### 5.2.2.1.5 J Confirm Payment and Authorise Supply

Note the changes to the activity:-

- “SIC code” should be created on The Customer Information Form. Get the codes form CC & B.

J Confirm Payment and Authorise Supply		Description	Links
Process Info	Process: DirectCustomer - Minor Activity: J Confirm Payment and Authorise Supply Folio: My Folio No	J Confirm Payment and Authorise Supply	<a href="#">Edit Activity</a> <a href="#">Confirm Payment from CC&amp;B</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes			
Payment Details Recorded in Customer/Technical Info Form		<input type="checkbox"/>	
K Release Project into System		<input type="checkbox"/> <-- None Selected -->	
Send To K2 Controller		Edit Areas    << Back    Update    Next >>    Close	

##### 5.2.2.1.5.1 List of Functions - J Confirm Payment and Authorise Supply

Field Name	Read-Only	Value Type	Control type	Notes	Validations
------------	-----------	------------	--------------	-------	-------------

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Process Info	Yes	Text	Label	Auto populate
Process	Yes	Text	Textbox	Auto populate
Activity	Yes	Text	Textbox	Auto populate
Folio	Yes	Text	Textbox	Auto populate
Description	Yes	Text	Textbox	Auto populate
Add/View Activity notes (New change)	No	Text	Link	
Payment Details Recorded in Customer/Technical Information Form	No	Text	Checkbox	Mandatory.
K release Project into System	No	Text	Checkbox & Name Picker	Mandatory. When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No	Text	Link	
Confirm Payment from CC&B	No	Text	Link	
Customer Application	No	Text	Link	Link to Customer application form
Customer Information Form	No	Text	Link	Link to Customer Information Form
Technical Information Form	No	Text	Link	Link to Technical Information Form
Scope of Work	No	Text	Link	
Handover Sheet	No	Text	Link	
Project Type	No	Text	Link	
Help	No	Text	Link	

#### 5.2.2.1.6 Jb Create Invoice & despatch

Jb Create Invoice and Despatch	
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Jb Create Invoice and Despatch Folio: My Folio No	<b>Description</b> Jb Create Invoice and Despatch
<b>View Activity Notes</b> Manually Create Upfront Payments Invoice Despatch Invoice to Customer J Confirm Payment and Authorise Supply	
<input type="checkbox"/> Send To K2 Controller	<input type="checkbox"/> <-- None Selected -->
<div> <input type="button" value="Send To K2 Controller"/> <input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/> </div>	

**Links**  
[Edit Activity](#)  
[Customer Application](#)  
[Customer Information Form](#)  
[Technical Information Form](#)  
[Scope Of Work](#)  
[Handover Sheet](#)  
[Project Types](#)  
[Help](#)

##### 5.2.2.1.6.1 List of Functions – Jb Create Invoice & despatch

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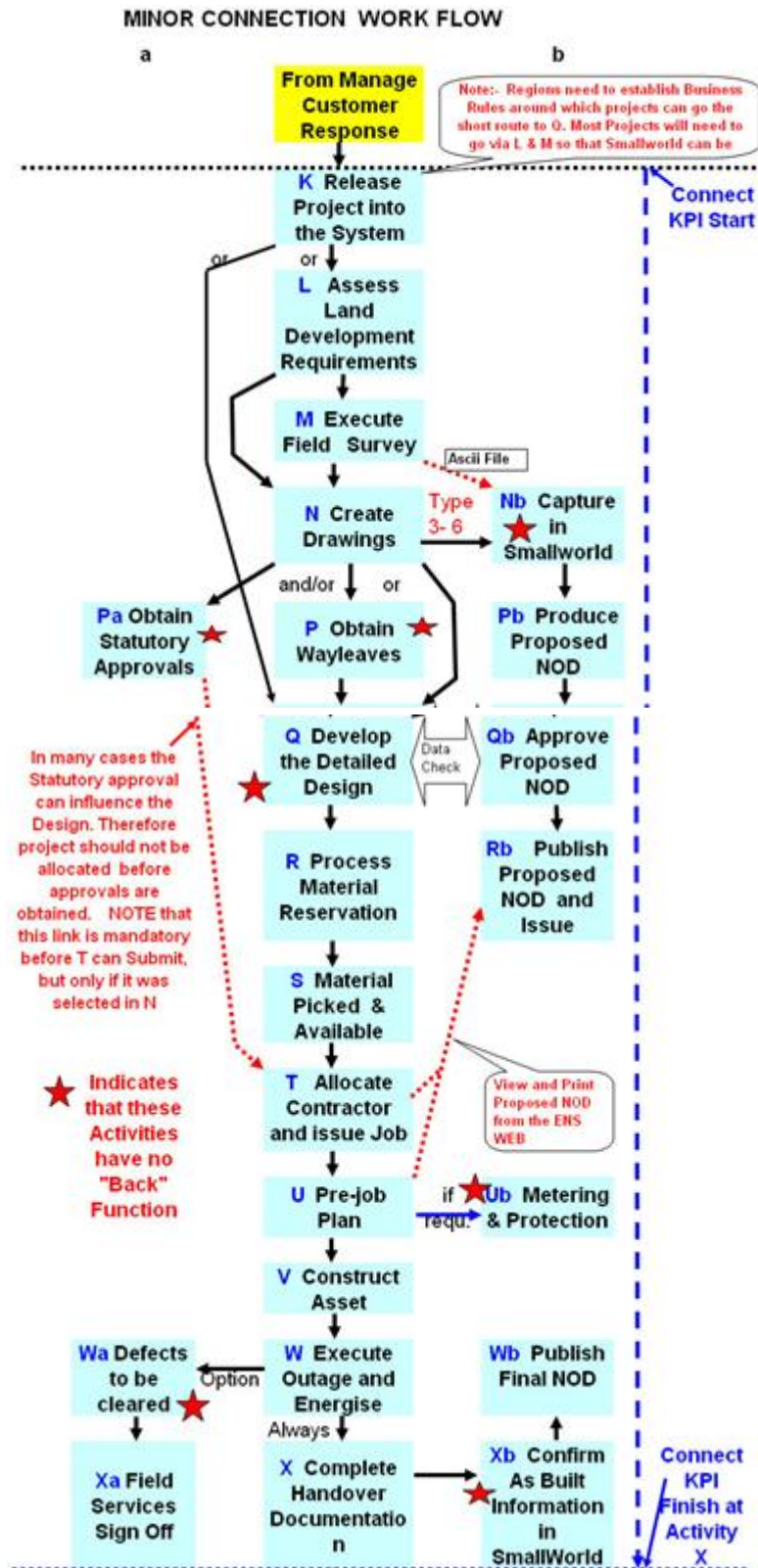
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Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<i>Auto populate</i>	
<b>Process</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Activity</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Folio</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Description</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Add/View Activity notes</b> <b>(New change)</b>	No	Text	Link		
<b>Manually Create Upfront Payment Invoice</b>	No	Text	Checkbox		<b>Mandatory.</b>
<b>Despatch Invoice to Customer</b>	No	Text	Checkbox		<b>Mandatory.</b>
<b>J confirm Payment and Authorise Supply</b>			Checkbox & Name Picker		<b>Mandatory.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>Edit Activity</b>	No	Text	Link		
<b>Customer Application</b>	No	Text	Link	<i>Link to Customer application form</i>	
<b>Customer Information Form</b>	No	Text	Link	<i>Link to Customer Information Form</i>	
<b>Technical Information Form</b>	No	Text	Link	<i>Link to Technical Information Form</i>	
<b>Scope of Work</b>	No	Text	Link		
<b>Handover Sheet</b>	No	Text	Link		
<b>Project Type</b>	No	Text	Link		
<b>Help</b>	No	Text	Link		

### 5.2.3 Minor Process Connection Phase – Minor Process

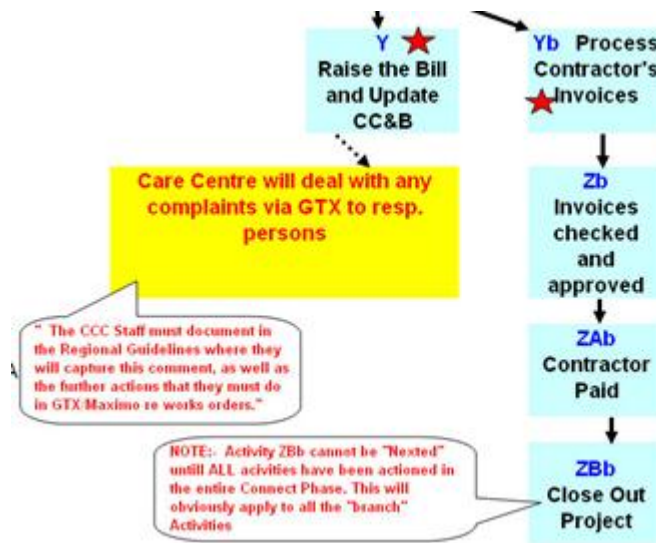
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### 5.2.3.1 Minor Process Connection Phase – Functional requirements

Phase	ID	Functional Requirements
ERA Phase (Minor Connection Phase)	K	Release Project into the System
	L	Assess Land Development Requirements
	M	Execute Field Survey
	N	Create Drawings
	Nb	Capture in Smallworld
	Pa	Obtain Statutory Approvals
	P	Obtain Wayleaves
	Pb	Produce Proposed NOD
	Q	Develop the Detailed Design
	Qb	Approve Proposed NOD
	R	Process Material Reservation
	Rb	Publish Proposed NOD and Issue
	S	Material Picked & Available
	T	Allocate Contractor and Issue Job
	U	Pre Job Plan
	Ub	Metering & Protection
	V	Construct asset
	W	Execute Outage and Energise
	Wb	Publish Final NOD
	Wa	Defects to be cleared
	Xa	Field Services Sign Off
	X	Complete Handover Documentation
	Xb	Confirm As Built Information in SmallWorld
	Y	Raise the Bill And Update Cordaptix
	Yb	Process Contractors Invoices

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Zb	Invoices checked and approved
Zab	Contractor Paid
Zbb	Close Out Project

### 5.2.3.1.1 K Release Project into the System

K Release Project into System		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> K Release Project into System <b>Folio</b> My Folio No	<b>Description</b> K Release Project into System	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
Release Project  WBS Number Raised  WBS Number  L Assess Land Development Requirements  Q Develop Detailed Design	<input checked="" type="radio"/> Survey Required <input type="radio"/> No Survey Required  <input type="checkbox"/> 5  <-- None Selected --> <-- None Selected -->	
Send To K2 Controller	Edit Areas << Back Update Next >> Close	

#### 5.2.3.1.1.1 List of functions – K release Project into the System

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	No	Text	Textbox	Auto populate	
Days Left	No	Number	Textbox	Auto populate	
WBS Number	No	Number	Text box		
Release Project	No	Text	Radio button	1. Survey Required 2. No Survey Required	If "Survey Required" is selected, the following will be active and <b>mandatory</b> :- 1. L Assess Land Development Requirement.  If "No Survey Required" is selected, the following will be active and <b>mandatory</b> :- 1. Q Develop Detailed Design
WBS Number Raised	No	Text	Checkbox		<b>Mandatory</b>
WBS number	No	Number	Textbox		<b>Mandatory</b>
L Assess Land Development Requirements	No	Text	Checkbox & Name Picker		<b>Mandatory only when Survey is required.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
Q Develop	No	Text	Checkbox &		<b>Mandatory only when no Survey is required.</b>

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<b>Detailed Design</b>		Name Picker	When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>Edit Activity</b>	No	Link	
<b>Customer Application</b>	No	Link	<a href="#">Link to Customer application form</a>
<b>Customer Information Form</b>	No	Link	<a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No	Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No	Link	
<b>Handover Sheet</b>	No	Link	
<b>Project Types</b>	Yes	Link	
<b>Help</b>	Yes	Link	

### 5.2.3.1.2 L Assess Land Development Requirements

L Assess Land Development Requirements			
<b>Process Info</b> Direct: Customer - Minor L Assess Land Development Requirements Folio: My Folio No	<b>Description</b> L Assess Land Development Requirements		<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes  Project scope assessed Please select an option  M Execute Field Survey N Create Drawings	<div> <input type="checkbox"/> Execute Field Survey  <input type="checkbox"/> Create Drawings         </div> <div>           CONNECT IN            DAYS LEFT            WBS NUMBER         </div> <div>           Negotiated            N/A            5         </div> <div>           &lt;-- None Selected --&gt;            &lt;-- None Selected --&gt;         </div>		
Send To K2 Controller	<< Back    Update    Next >>    Close		

#### 5.2.3.1.2.1 List of functions – L Assess Land Development Requirements

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	<a href="#">Auto populate</a>	
<b>Days Left</b>	No	Number	Textbox	<a href="#">Auto populate</a>	
<b>WBS Number</b>	No	Number	Text box	<a href="#">Auto populate</a>	
<b>Project scope assessed</b>	No	Text	Checkbox		<b>Mandatory</b>
<b>Please select an option</b>	No	Text	Radio button	1. Execute Field Survey 2. Create Drawings	If "Execute Field Survey" is selected only the following is <b>active and mandatory</b> :- 1. M Execute Field Survey If "Create Drawings" is selected, only the

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				following is <b>active and mandatory</b> :-
				1. N Create Drawings
<b>M Execute Field Survey</b>	No	Text	Checkbox & Name Picker	<b>Mandatory only when execution of field survey is required.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>N Create Drawings</b>	No	Text	Checkbox & Name Picker	<b>Mandatory only when creation of drawing is required.</b> When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>Edit Activity</b>	No		Link	
<b>Customer Application</b>	No		Link	<a href="#">Link to Customer application form</a>
<b>Customer Information Form</b>	No		Link	<a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No		Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No		Link	
<b>Handover Sheet</b>	No		Link	
<b>Project Types</b>	Yes		Link	
<b>Help</b>	Yes		Link	

#### 5.2.3.1.3 M Execute Field Survey

M Execute Field Survey									
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> M Execute Field Survey <b>Folio</b> My Folio No	<b>Description</b> M Execute Field Survey		<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>						
<b>View Activity Notes</b> Field Survey completed ASCII File sent to Geographic Mapping Producer N Create Drawings	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <-- None Selected -->	<table border="1"> <tr> <td>CONNECT IN</td> <td>Negotiated</td> </tr> <tr> <td>DAYS LEFT</td> <td>N/A</td> </tr> <tr> <td>WBS NUMBER</td> <td>5</td> </tr> </table>	CONNECT IN	Negotiated	DAYS LEFT	N/A	WBS NUMBER	5	
CONNECT IN	Negotiated								
DAYS LEFT	N/A								
WBS NUMBER	5								
<input type="button" value="Send To K2 Controller"/>	<input type="button" value=" &lt;&lt; Back"/> <input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>								

#### 5.2.3.1.3.1 List of Functions – M Execute Field Survey

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	<a href="#">Auto populate</a>	

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Days Left	No	Number	Textbox	Auto populate
WBS Number	No	Number	Text box	Auto populate
Field Survey completed	No	Text	Checkbox	Mandatory
ASCII File sent to Geographic Mapping Producer	No	Text	Checkbox	
N Create Drawings	No	Text	Checkbox & Name Picker	Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No		Link	
Customer Application	No		Link	Link to Customer application form
Customer Information Form	No		Link	Link to Customer Information Form
Technical Information Form	No		Link	Link to Technical Information Form
Scope of Work	No		Link	
Handover Sheet	No		Link	
Project Types	Yes		Link	
Help	Yes		Link	

#### 5.2.3.1.4 N Create Drawings

N Create Drawings		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> N Create Drawings <b>Folio</b> My Folio No	<b>Description</b> N Create Drawings	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	<div> CONNECT IN  DAYS LEFT  WBS NUMBER </div> Negotiated N/A 5	
Required Drawings created Required Data sent to Small World Data Creator Nb Capture in Smallworld Wayleave negotiations for this project P Obtain Wayleaves Q Develop Detailed Design Statutory Approval is required Pa Statutory Approvals	<div> <input type="checkbox"/>  <input type="checkbox"/>  <input type="checkbox"/> &lt;-- None Selected --&gt;  <input checked="" type="radio"/> Required  <input type="radio"/> Not Required  <input type="checkbox"/> &lt;-- None Selected --&gt;  <input type="checkbox"/> &lt;-- None Selected --&gt;  <input type="checkbox"/> &lt;-- None Selected --&gt; </div>	
Send To K2 Controller	<< Back    Update    Next >>    Close	

#### 5.2.3.1.4.1 List of Functions –N Create Drawing

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity	No	Text	Link		

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<b>notes (New Change)</b>					
Connection In	No	Text	Textbox	<i>Auto populate</i>	
Days Left	No	Number	Textbox	<i>Auto populate</i>	
WBS Number	No	Number	Text box	<i>Auto populate</i>	
Required Drawings created	No	Text	Checkbox	Mandatory	
Required Data sent to Smallworld Data Creator	No	Text	Checkbox	Not active.	
Nb Capture in Smallworld	No	Text	Checkbox & Name Picker	Not active.	
Wayleave negotiations for this project	No	Text	Radio button	1. Required 2. Not Required	If "Required" is selected, the following will be <b>active and mandatory</b> :- 1. P Obtain Wayleaves If "Not Required" is selected, the following will be <b>active and mandatory</b> :- 1. Q Develop Detailed Design
P Obtain Wayleaves				Mandatory only when Wayleave negotiations for this project is required. When the checkbox is selected, the next user to carry out the next activity should be selected.	
Q Develop Detailed Design				Mandatory only when Wayleave negotiations for this project is not required. When the checkbox is selected, the next user to carry out the next activity should be selected.	
Statutory Approval is required	No	Text	Checkbox		
Pa Statutory Approvals	No	Text	Checkbox & Name Picker	Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected.	
Edit Activity	No		Link		
Customer Application	No		Link	<i>Link to Customer application form</i>	
Customer Information Form	No		Link	<i>Link to Customer Information Form</i>	
Technical Information Form	No		Link	<i>Link to Technical Information Form</i>	
Scope of Work	No		Link		
Handover Sheet	No		Link		
Project Types	Yes		Link		
Help	Yes		Link		

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### 5.2.3.1.5 Nb Capture in Smallworld

Nb Capture in Smallworld								
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> Nb Capture in Smallworld <b>Folio</b> My Folio No	<b>Description</b> Nb Capture in Smallworld	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Protect Types</a> <a href="#">Help</a>						
<b>View Activity Notes</b>  Detailed design created in Smallworld from ASCII file or other Data Checks done to verify Data All Electrical Data entered using the Electrical Toolbox Pb Produce Proposed NOD	<table border="1"> <tr> <td>CONNECT IN</td> <td>Negotiated</td> </tr> <tr> <td>DAYS LEFT</td> <td>N/A</td> </tr> <tr> <td>WBS NUMBER</td> <td>5</td> </tr> </table> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <-- None Selected -->	CONNECT IN	Negotiated	DAYS LEFT	N/A	WBS NUMBER	5	
CONNECT IN	Negotiated							
DAYS LEFT	N/A							
WBS NUMBER	5							
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>							

#### 5.2.3.1.5.1 List of Functions –Nb Capture in Smallworld

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	Auto populate	
<b>Days Left</b>	No	Number	Textbox	Auto populate	
<b>WBS Number</b>	No	Number	Text box	Auto populate	
<b>Detailed design created in Smallworld from ASCII file or other</b>	No	Text	Checkbox		Mandatory
<b>Data Checks done to verify Data</b>	No	Text	Checkbox		Mandatory
<b>All Electrical Data entered using the Electrical Toolbox</b>	No	Text	Checkbox		Mandatory
<b>Pb Produce Proposed NOD</b>	No	Text	Checkbox & Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical Information Form	

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Scope of Work	No	Link
Handover Sheet	No	Link
Project Types	Yes	Link
Help	Yes	Link

#### 5.2.3.1.6 Pa Obtain Statutory Approvals

Pa Statutory Approvals									
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> Pa Statutory Approvals <b>Folio</b> My Folio No		<b>Description</b> Pa Statutory Approvals							
<a href="#">View Activity Notes</a>		<table border="1"> <tr> <td>CONNECT IN</td> <td>Negotiated</td> </tr> <tr> <td>DAYS LEFT</td> <td>N/A</td> </tr> <tr> <td>WBS NUMBER</td> <td>5</td> </tr> </table>		CONNECT IN	Negotiated	DAYS LEFT	N/A	WBS NUMBER	5
CONNECT IN	Negotiated								
DAYS LEFT	N/A								
WBS NUMBER	5								
Statutory approvals applied for (Excluding Environm.) <input type="checkbox"/>									
All Statutory approvals obtained. (Excluding Environm.) <input type="checkbox"/>									
Environmental Approval Requested <input type="checkbox"/>									
Record Of Decision/clearance received <input type="checkbox"/>									
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>							

**Links**  
[Edit Activity](#)  
[Customer Application](#)  
[Customer Information Form](#)  
[Technical Information Form](#)  
[Scope Of Work](#)  
[Handover Sheet](#)  
[Project Types](#)  
[Help](#)

#### 5.2.3.1.6.1 List of Functions –Pa Obtain Statutory Approvals

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	Auto populate	
<b>Days Left</b>	No	Number	Textbox	Auto populate	
<b>WBS Number</b>	No	Number	Text box	Auto populate	
<b>Statutory approvals applied for (Excluding Environment)</b>	No	Text	Checkbox		
<b>All Statutory approvals obtained (Excluding Environment)</b>	No	Text	Checkbox		
<b>Environmental Approval Requested</b>	No	Text	Checkbox		
<b>Record of Decision/clearance received</b>	No	Text	Checkbox		
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical	

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<i>Information Form</i>		
Scope of Work	No	Link
Handover Sheet	No	Link
Project Types	Yes	Link
Help	Yes	Link

### 5.2.3.1.7 P Obtain Wayleaves

P Obtain Wayleaves								
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> P Obtain Wayleaves <b>Folio</b> My Folio No	<b>Description</b> P Obtain Wayleaves	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>						
View Activity Notes	<table border="1"> <tr> <td>CONNECT IN</td> <td>Negotiated</td> </tr> <tr> <td>DAYS LEFT</td> <td>N/A</td> </tr> <tr> <td>WBS NUMBER</td> <td>5</td> </tr> </table>	CONNECT IN	Negotiated	DAYS LEFT	N/A	WBS NUMBER	5	
CONNECT IN	Negotiated							
DAYS LEFT	N/A							
WBS NUMBER	5							
All Wayleave requirements negotiated All required signatures obtained Q Develop Detailed Design	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <-- None Selected -->							
Send To K2 Controller	Update   Next >>   Close							

#### 5.2.3.1.7.1 List of Functions – P Obtain Wayleaves

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	No	Text	Textbox	Auto populate	
Days Left	No	Number	Textbox	Auto populate	
WBS Number	No	Number	Text box	Auto populate	
All Wayleave requirements negotiated	No	Text	Checkbox		Mandatory
All required signatures obtained	No	Text	Checkbox		Mandatory
Q Develop Detail Design	No	Text	Checkbox and Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected.
Edit Activity	No		Link		
Customer Application	No		Link	Link to Customer application form	
Customer Information Form	No		Link	Link to Customer Information Form	
Technical Information Form	No		Link	Link to Technical Information Form	
Scope of Work	No		Link		
Handover Sheet	No		Link		

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<b>Project Types</b>	Yes	Link
<b>Help</b>	Yes	Link

#### 5.2.3.1.8 Pb Produce Proposed NOD

Pb Produce Proposed NOD								
<b>Process Info</b>	<b>Description</b>	<b>Links</b>						
<b>Process</b> DirectCustomer - Minor <b>Activity</b> Pb Produce Proposed NOD <b>Folio</b> My Folio No	Pb Produce Proposed NOD	<a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>						
<a href="#">View Activity Notes</a>  Network Operating Diagram (NOD) produced using ENS Tool from S/W data Proposed NOD sent to Project Engineering for checking Qb Approve Proposed NOD	<table> <tr> <td>CONNECT IN</td> <td>Negotiated</td> </tr> <tr> <td>DAYS LEFT</td> <td>N/A</td> </tr> <tr> <td>WBS NUMBER</td> <td>5</td> </tr> </table>	CONNECT IN	Negotiated	DAYS LEFT	N/A	WBS NUMBER	5	
CONNECT IN	Negotiated							
DAYS LEFT	N/A							
WBS NUMBER	5							
<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <-- None Selected -->								
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>							

#### 5.2.3.1.8.1 List of Functions – Pb Produce Proposed NOD

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	Auto populate	
<b>Days Left</b>	No	Number	Textbox	Auto populate	
<b>WBS Number</b>	No	Number	Text box	Auto populate	
<b>Network Operating Diagram (NOD) Produced using ENS Tool form S/W data</b>	No	Text	Checkbox		Mandatory
<b>Proposed NOD sent to Project Engineering for checking</b>	No	Text	Checkbox		Mandatory
<b>Qb Approve Proposed NOD</b>	No	Text	Checkbox and Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected.
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical Information Form	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		

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Project Types	Yes	Link
Help	Yes	Link

### 5.2.3.1.9 Q Develop the Detailed Design

Q Develop Detailed Design		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> Q Develop Detailed Design <b>Folio</b> My Folio No	<b>Description</b> Q Develop Detailed Design	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<a href="#">View Activity Notes</a>	<div>CONNECT IN</div> <div>DAYS LEFT</div> <div>WBS NUMBER</div>	Negotiated N/A 5
Transformer No/ Pole No Confirmed Scope of Work Completed Network Capacity Assessed ED Requirements R Process Material Reservation	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> LPU Metering <input type="checkbox"/> Protection Settings <input type="checkbox"/> Other <input type="checkbox"/> <-- None Selected -->	
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>	

#### 5.2.3.1.9.1 List of Functions – Q Develop the Detailed Design

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	No	Text	Textbox	Auto populate	
Days Left	No	Number	Textbox	Auto populate	
WBS Number	No	Number	Text box	Auto populate	
Transformer No Confirmed	No	Text	Checkbox & Textbox	Auto populate	Mandatory
Scope of Work Completed	No	Text	Checkbox		Mandatory
Network Capacity Assessed					Mandatory
ED Requirements			Checkbox	1. LPU Metering 2. Protection Settings 3. Other	
R Process Material Reservation	No	Text	Checkbox and Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity

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should be selected.			
<b>Edit Activity</b>	No	Link	
<b>Customer Application</b>	No	Link	<a href="#">Link to Customer application form</a>
<b>Customer Information Form</b>	No	Link	<a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No	Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No	Link	
<b>Handover Sheet</b>	No	Link	
<b>Project Types</b>	Yes	Link	
<b>Help</b>	Yes	Link	

#### 5.2.3.1.10 Qb Approve Proposed NOD

Qb Approve Proposed NOD			
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> Qb Approve Proposed NOD <b>Folio</b> My Folio No	<b>Description</b> Qb Approve Proposed NOD		<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b>  Proposed NOD checked for Electrical Correctness <input type="checkbox"/> Proposed NOD Issued <input type="checkbox"/> Rb Publish Proposed NOD and Issue <input type="checkbox"/>	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5	
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.3.1.10.1 List of Functions –Qb Approve Proposed NOD

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	<a href="#">Auto populate</a>	
<b>Days Left</b>	No	Number	Textbox	<a href="#">Auto populate</a>	
<b>WBS Number</b>	No	Number	Text box	<a href="#">Auto populate</a>	
<b>Proposed NOD checked for Electrical Correctness</b>	No	Text	Checkbox		<b>Mandatory</b>
<b>Proposed NOD Issued</b>	No	Text	Checkbox		<b>Mandatory</b>
<b>Rb Publish Proposed NOD and Issue</b>			Checkbox and Name Picker		<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	<a href="#">Link to Customer</a>	

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<b>Customer Information Form</b>	No	Link	<a href="#">application form</a> <a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No	Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No	Link	
<b>Handover Sheet</b>	No	Link	
<b>Project Types</b>	Yes	Link	
<b>Help</b>	Yes	Link	

#### 5.2.3.1.11 R Process Material Reservation

#### 5.2.3.1.11.1 List of Functions – R Process Material Reservation

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	<a href="#">Auto populate</a>	
<b>Days Left</b>	No	Number	Textbox	<a href="#">Auto populate</a>	
<b>WBS Number</b>	No	Number	Text box	<a href="#">Auto populate</a>	
<b>SAP Material Reservation Number</b>	No	Text	Textbox		<b>Mandatory</b>
<b>S Materials Picked and Available</b>	No	Text	Checkbox and Name Picker		<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	<a href="#">Link to Customer application form</a>	
<b>Customer Information Form</b>	No		Link	<a href="#">Link to Customer Information Form</a>	
<b>Technical Information Form</b>	No		Link	<a href="#">Link to Technical Information Form</a>	
<b>Scope of Work</b>	No		Link		

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<b>Handover Sheet</b>	No	Link
<b>Project Types</b>	Yes	Link
<b>Help</b>	Yes	Link

### 5.2.3.1.12 Rb Publish Proposed NOD and Issue

Rb Publish Proposed NOD and Issue		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> Rb Publish Proposed NOD and Issue <b>Folio</b> My Folio No	<b>Description</b> Rb Publish Proposed NOD and Issue	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<a href="#">View Activity Notes</a>	<div>CONNECT IN</div> <div>DAYS LEFT</div> <div>WBS NUMBER</div>	Negotiated N/A 5
Proposed NOD Published on the Web site <input type="checkbox"/>		
Proposed NOD sent to Project Co-ordinator for issue to Contractor <input type="checkbox"/>		
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next &gt;"/> <input type="button" value="Close"/>	

### 5.2.3.1.12.1 List of Functions – Rb Publish Proposed NOD and Issue

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	Auto populate	
<b>Days Left</b>	No	Number	Textbox	Auto populate	
<b>WBS Number</b>	No	Number	Text box	Auto populate	
<b>Proposed NOD Published on the Web site</b>	No	Text	Checkbox		Mandatory
<b>Proposed NOD sent to Project Co-ordinator for issue to Contractor</b>	No	Text	Checkbox		Mandatory
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical Information Form	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		
<b>Project Types</b>	Yes		Link		
<b>Help</b>	Yes		Link		

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### 5.2.3.1.13 S Material Picked & Available

S Materials Picked and Available			
<b>Process Info</b> Process: DirectCustomer - Minor Activity: S Materials Picked and Available Folio: My Folio No		<b>Description</b> S Materials Picked and Available	
<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>		CONNECT IN DAYS LEFT WBS NUMBER	
View Activity Notes		Negotiated N/A 5	
SAP Material Reservation Number Material Available Date T Allocate Contractor and Issue Job		5 <input type="text"/> <input type="checkbox"/> <-- None Selected -->	
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.3.1.13.1 List of Functions – S Material Picked & Available

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	Auto populate	
<b>Days Left</b>	No	Number	Textbox	Auto populate	
<b>WBS Number</b>	No	Number	Text box	Auto populate	
<b>SAP Material Reservation Number</b>	Yes	Text	Textbox	Auto populate	
<b>Material Available Date</b>	No	Date	Date Picker		Mandatory YYY-MM-DD
<b>T Allocate Contractor and Issue Job</b>	No	Text	Checkbox & Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical Information Form	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		
<b>Project Types</b>	Yes		Link		
<b>Help</b>	Yes		Link		

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#### 5.2.3.1.14 T Allocate Contractor and Issue Job

T Allocate Contractor and Issue Job		
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> T Allocate Contractor and Issue Job <b>Folio</b> My Folio No	<b>Description</b> T Allocate Contractor and Issue Job	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
Pa Statutory Approvals Material Available Date Contractor Selected U Pre Job Plan		
Completed - 2010-02-04 09:11:29 <-- None Selected --> <input type="checkbox"/> <-- None Selected -->		
Send To K2 Controller	<< Back	Update    Next >>    Close

#### 5.2.3.1.14.1 List of Functions – T Allocate Contractor and Issue Job

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	Auto populate	
<b>Days Left</b>	No	Number	Textbox	Auto populate	
<b>WBS Number</b>	No	Number	Text box	Auto populate	
<b>PA Statutory Approvals</b>	Yes	Text	Textbox	Auto populate	Mandatory
<b>Material Available Date</b>	Yes	Text	Textbox	Auto populate	YYY-MM-DD
<b>Contractor Selected</b>	No	Text	Dropdown list		Mandatory
<b>U Pre Job Plan</b>	No	Text	Checkbox & Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical Information Form	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		
<b>Project Types</b>	Yes		Link		
<b>Help</b>	Yes		Link		

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#### 5.2.3.1.14.2 Dropdown List – T Allocate Contractor and Issue Job

Dropdown Name	Values
Contractor Selected	<ol style="list-style-type: none"> <li>1. Adenco Construction</li> <li>2. Badentech</li> <li>3. BCV – Prins electrical</li> <li>4. Bertus Kruger</li> <li>5. EMC Konstruksie</li> <li>6. Eybers Elekries</li> <li>7. Kontrei Elekries</li> <li>8. None Identified</li> <li>9. Paul Goosen</li> <li>10. Rio Elekries</li> </ol>

#### 5.2.3.1.15 U Pre Job Plan

U Pre Job Plan		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: U Pre Job Plan Folio: My Folio No	<b>Description</b> U Pre Job Plan	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<a href="#">View Activity Notes</a>	<div>CONNECT IN</div> <div>DAYS LEFT</div> <div>WBS NUMBER</div>	Negotiated N/A 5
Contractor's Name (From T) Outage Date Construction Start Date Expected Construction Completion Date Switching Requirements MV Network LV Network Safety Issues Proposed NOD viewed and Printed from ENS WEB site V Construct asset ED Requirements Ub Metering and Protection	Contractor <input type="text" value="2010-08-01"/> <input type="text" value="2010-08-01"/> <input type="text" value="2010-08-01"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="checkbox"/> <input type="text" value="None Selected"/> <input type="text" value="None Selected"/>	
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.3.1.15.1 List of Functions –U Pre Job Plan

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes	No	Text	Link		

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<b>(New Change)</b>					
<b>Connection In</b>	No	Text	Textbox	<i>Auto populate</i>	
<b>Days Left</b>	No	Number	Textbox	<i>Auto populate</i>	
<b>WBS Number</b>	No	Number	Text box	<i>Auto populate</i>	
<b>Contractor's Name (From T)</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Outage Date</b>	No	Date	Date Picker		<b>Mandatory</b> YYY-MM-DD
<b>Construction Start Date</b>	No	Date	Date Picker		<b>Mandatory</b> YYY-MM-DD
<b>Expected Construction Completion Date</b>	No	Text	Date Picker		<b>Mandatory</b> YYY-MM-DD
<b>Switching Requirements</b>	Yes	Text	Label		
<b>MV Network</b>	No	Text	Multiline Textbox		
<b>LV Network</b>	No	Text	Multiline Textbox		
<b>Safety Issues</b>	No	Text	Multiline Textbox		
<b>Proposed NOD viewed and Printed from ENS WEB</b>	No	Text	Checkbox		
<b>V Construct asset</b>	No	Text	Checkbox & Name Picker		<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Ub Metering and Protection</b>	No	Text	Checkbox & Name Picker		When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	<i>Link to Customer application form</i>	
<b>Customer Information Form</b>	No		Link	<i>Link to Customer Information Form</i>	
<b>Technical Information Form</b>	No		Link	<i>Link to Technical Information Form</i>	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		
<b>Project Types</b>	Yes		Link		
<b>Help</b>	Yes		Link		

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#### 5.2.3.1.16 Ub Metering & Protection

Ub Metering and Protection			
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Ub Metering and Protection Folio: My Folio No		<b>Description</b> Ub Metering and Protection	
<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>		CONNECT IN: Negotiated DAYS LEFT: N/A WBS NUMBER: 5	
View Activity Notes			
Outage Date: 2010-02-03 ED Requirements: 2010-02-03 Date for Requirements Scheduled: 2010-02-03 Resource allocated to carry out requirements: <input type="checkbox"/>			
Send To K2 Controller		Update Next >> Close	

#### 5.2.3.1.16.1 List of Functions – Un Metering & Protection

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	No	Text	Textbox	Auto populate	
<b>Days Left</b>	No	Number	Textbox	Auto populate	
<b>WBS Number</b>	No	Number	Text box	Auto populate	
<b>Outage date</b>	Yes	Date	Textbox	Auto populate	Mandatory YYY-MM-DD
<b>ED Requirements</b>	No	Date	Label		
<b>Date for Requirements Scheduled</b>	No	Date	Date Picker		Mandatory YYY-MM-DD
<b>Resource allocated to carry out requirements</b>	No	Text	Checkbox		Mandatory
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical Information Form	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		
<b>Project Types</b>	Yes		Link		
<b>Help</b>	Yes		Link		

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### 5.2.3.1.17 V Construct asset

V Construct asset		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: V Construct asset Folio: My Folio No	<b>Description</b> V Construct asset	
View Activity Notes	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
Construction Completed No Outage involved Construction Complete and As Builts sent to Survey/Mapping W Execute Outage and Energise Proposed Outage Date		
2010-02-03 <input type="checkbox"/> <input type="checkbox"/> <- None Selected -> 2010-02-03		
Send To K2 Controller	<< Back    Update    Next >>    Close	

### 5.2.3.1.17.1 List of Functions – V Construct asset

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	Auto populate	
<b>Process</b>	Yes	Text	Textbox	Auto populate	
<b>Activity</b>	Yes	Text	Textbox	Auto populate	
<b>Folio</b>	Yes	Text	Textbox	Auto populate	
<b>Description</b>	Yes	Text	Textbox	Auto populate	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	Yes	Text	Textbox	Auto populate	
<b>Days Left</b>	Yes	Number	Textbox	Auto populate	
<b>WBS Number</b>	Yes	Number	Text box	Auto populate	
<b>Construction Completed</b>	No	Date	Textbox		Mandatory YYY-MM-DD
<b>No Outage involved</b>	No	Text	Checkbox		If the checkbox is selected, the "Proposed Outage Date" will be deactivated
<b>Construction Complete and As Builts sent to Survey/Mapping</b>	No	Text	Checkbox		Mandatory
<b>W Execute Outage and Energise</b>	No	Text	Checkbox & Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Proposed Outage Date</b>		Date	Date Picker		Mandatory only if No Outage is involved.
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	Link to Customer application form	
<b>Customer Information Form</b>	No		Link	Link to Customer Information Form	
<b>Technical Information Form</b>	No		Link	Link to Technical Information Form	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		

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Project Types	Yes	Link
Help	Yes	Link

### 5.2.3.1.18 W Execute Outage and Energise

#### 5.2.3.1.18.1 List of Functions – W Execute Outage and Energise

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	Yes	Text	Textbox	Auto populate	
Days Left	Yes	Number	Textbox	Auto populate	
WBS Number	Yes	Number	Text box	Auto populate	
Outage Date (Actual)	No	Date	Textbox		Mandatory YYY-MM-DD
Outage Time (Actual)	No	Text	Dropdown list	1. Hour 2. Minutes 3. PM/AM	Mandatory
Handover Document Completed	No	Text	Checkbox		Mandatory
Document Handed to TSC	No	Text	Checkbox		Mandatory
Supply Condition	No	Text	Radio button	1. Customer Connected and Meter turning 2. Supply Made available	
X Complete Handover Documentation	No	Text	Checkbox & Name Picker		When the checkbox is selected, the next user to

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				carry out the next activity should be selected
Customer energised BUT defects need attention	No	Tex	Checkbox	When the checkbox is selected, “ <b>Wa Defects to be cleared</b> ” will be <b>active and mandatory</b>
Wa Defects to be Cleared	No	Text	Checkbox & Name Picker	<b>Active and Mandatory</b> only when “ <b>Customer energised BUT defects need attention</b> ” is checked. When the checkbox is selected, the next user to carry out the next activity should be selected
Edit Activity	No		Link	
Customer Application	No		Link	<a href="#">Link to Customer application form</a>
Customer Information Form	No		Link	<a href="#">Link to Customer Information Form</a>
Technical Information Form	No		Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No		Link	
Handover Sheet	No		Link	
Project Types	Yes		Link	
Help	Yes		Link	

#### 5.2.3.1.19 Wb Publish Final NOD

Wb Publish Final NOD			
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Wb Publish Final NOD Folio: My Folio No		<b>Description</b> Wb Publish Final NOD	
<b>View Activity Notes</b> Check Geo and NOD in ENS agree and publish Final NOD		CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next &gt;"/> <input type="button" value="Close"/>	

#### 5.2.3.1.19.1 List of Functions – Wb Publish Final NOD

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	<a href="#">Auto populate</a>	
Process	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Activity	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Folio	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Description	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	Yes	Text	Textbox	<a href="#">Auto populate</a>	
Days Left	Yes	Number	Textbox	<a href="#">Auto populate</a>	
WBS Number	Yes	Number	Text box	<a href="#">Auto populate</a>	

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Check Geo and NOD in ENS agree and Publish Final NOD	No	Text	Checkbox	Mandatory
Edit Activity	No		Link	
Customer Application	No		Link	<a href="#">Link to Customer application form</a>
Customer Information Form	No		Link	<a href="#">Link to Customer Information Form</a>
Technical Information Form	No		Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No		Link	
Handover Sheet	No		Link	
Project Types	Yes		Link	
Help	Yes		Link	

#### 5.2.3.1.20 Wa Defects to be cleared

Wa Defects to be Cleared			
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Wa Defects to be Cleared Folio: My Folio No	<b>Description</b> Wa Defects to be Cleared		<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes  Project Defects Completion date All identified Defects Complete Xa Field Service Sign-Off	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5	
<input type="checkbox"/>		<input type="checkbox"/> <-- None Selected -->	
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>		

#### 5.2.3.1.20.1 List of Functions – Wa Defects to be cleared

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	Yes	Text	Textbox	Auto populate	
Days Left	Yes	Number	Textbox	Auto populate	
WBS Number	Yes	Number	Text box	Auto populate	
Project Defects Completion date	No	Date	Date Picker		Mandatory YYY-MM-DD
All identified Defects Complete	No	Text	Checkbox		Mandatory
X Field Service Sign-Off	No	Text	Checkbox & Name Picker		Mandatory When the checkbox is selected, the next user to carry out the next activity should be selected

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<b>Edit Activity</b>	No	Link	
<b>Customer Application</b>	No	Link	<a href="#">Link to Customer application form</a>
<b>Customer Information Form</b>	No	Link	<a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No	Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No	Link	
<b>Handover Sheet</b>	No	Link	
<b>Project Types</b>	Yes	Link	
<b>Help</b>	Yes	Link	

#### 5.2.3.1.21 Xa Field Services Sign Off

Xa Field Service Sign-Off		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Xa Field Service Sign-Off Folio: My Folio No	<b>Description</b> Xa Field Service Sign-Off	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
Defects Outage Date Defects Outage Time Verification that all defects cleared by Contractor Outstanding Handover Documentation Completed	<input type="text"/> <input type="text"/> <input type="checkbox"/> <input type="checkbox"/>	<input type="text"/>
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.3.1.21.1 List of Functions – Xa Field Services Sign Off

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Days Left</b>	Yes	Number	Textbox	<a href="#">Auto populate</a>	
<b>WBS Number</b>	Yes	Number	Text box	<a href="#">Auto populate</a>	
<b>Defect Outage Date</b>	No	Date	Date Picker		YYY-MM-DD
<b>Defects Outage Time</b>	No	Text	Dropdown list		
<b>Verification that all defects cleared by Contractor</b>	No	Text	Checkbox		Mandatory
<b>Outstanding Handover Documentation Completed</b>	No	Text	Checkbox		Mandatory
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	<a href="#">Link to Customer application form</a>	
<b>Customer Information Form</b>	No		Link	<a href="#">Link to Customer Information Form</a>	

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Technical Information Form	No	Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No	Link	
Handover Sheet	No	Link	
Project Types	Yes	Link	
Help	Yes	Link	

#### 5.2.3.1.22 X Complete Handover Documentation

#### 5.2.3.1.22.1 List of Functions – X Complete Handover Documentation

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	<i>Auto populate</i>	
Process	Yes	Text	Textbox	<i>Auto populate</i>	
Activity	Yes	Text	Textbox	<i>Auto populate</i>	
Folio	Yes	Text	Textbox	<i>Auto populate</i>	
Description	Yes	Text	Textbox	<i>Auto populate</i>	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	Yes	Text	Textbox	<i>Auto populate</i>	
Days Left	Yes	Number	Textbox	<i>Auto populate</i>	
WBS Number	Yes	Number	Text box	<i>Auto populate</i>	
Handover Sheet Updated	No	Text	Checkbox		<b>Mandatory</b>
Customer Connected and energised	No	Text	Radio Button	<ol style="list-style-type: none"> <li>Customer Connected and energised</li> <li>Supply made available (Customer not energised)</li> </ol>	<p>If “<b>Customer Connected and energised</b>” is selected, the following will be <b>active and mandatory</b>:-</p> <ol style="list-style-type: none"> <li>Compliance Certificate Number.</li> </ol> <p>If “<b>Supply made available (Customer not energised)</b>” is selected, “<b>Compliance Certificate Number</b>” will be deactivated.</p>
Compliance Certificate Number	No	Text	Textbox		<b>Mandatory only when “Customer Connected and</b>

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<b>Xb Confirm As Built Information in Smallworld</b>	No	Text	Checkbox & Name Picker	<b>Energised" is selected</b> <b>Not Active</b>
<b>Y Raise Bill and Update CC&amp;B</b>	No	Text	Checkbox & Name Picker	<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Yb Process Contractors Invoices</b>	No	Text	Checkbox & Name Picker	<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No		Link	
<b>Customer Application</b>	No		Link	<i>Link to Customer application form</i>
<b>Customer Information Form</b>	No		Link	<i>Link to Customer Information Form</i>
<b>Technical Information Form</b>	No		Link	<i>Link to Technical Information Form</i>
<b>Scope of Work</b>	No		Link	
<b>Handover Sheet</b>	No		Link	
<b>Project Types</b>	Yes		Link	
<b>Help</b>	Yes		Link	

#### 5.2.3.1.23 Xb Confirm As Built Information in SmallWorld

Xb Confirm As Built Information in SmallWorld		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Xb Confirm As Built Information in SmallWorld Folio: My Folio No	<b>Description</b> Xb Confirm As Built Information in SmallWorld	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
As-Built Drawings confirmed in SmallWorld (Geo and Electrical)		
Download As Built Details from SmallWorld to Oracle as "Commissioned" Status		
Wb Publish Final NOD		
<input type="checkbox"/> <-- None Selected -->		
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>	

#### 5.2.3.1.23.1 List of Functions –Xb Confirm As Built Information in Smallworld

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<i>Auto populate</i>	
<b>Process</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Activity</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Folio</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Description</b>	Yes	Text	Textbox	<i>Auto populate</i>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		

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Connection In	Yes	Text	Textbox	Auto populate	
Days Left	Yes	Number	Textbox	Auto populate	
WBS Number	Yes	Number	Text box	Auto populate	
As-Built Drawings confirmed in SmallWorld (Geo and Electrical)	No	Text	Checkbox		Mandatory
Download As Built Details from SmallWorld to Oracle as "Commissioned" Status	No	Text	Checkbox		Mandatory
Edit Activity	No		Link		
Customer Application	No		Link	Link to Customer application form	
Customer Information Form	No		Link	Link to Customer Information Form	
Technical Information Form	No		Link	Link to Technical Information Form	
Scope of Work	No		Link		
Handover Sheet	No		Link		
Project Types	Yes		Link		
Help	Yes		Link		

#### 5.2.3.1.24 Y Raise the Bill and Update Cordaptix

Y Raise Bill and Update Cordaptix		
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Y Raise Bill and Update Cordaptix Folio: My Folio No	<b>Description</b> Y Raise Bill and Update Cordaptix	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
View Activity Notes	CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
Supply Condition CDX Billing information completely updated (Charges and Energy Consumption)		
Supply Made available <input type="checkbox"/>		
Send To K2 Controller	Update	Next >>    Close

#### 5.2.3.1.24.1 List of Functions – Y Raise the Bill and Update Cordaptix

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	Auto populate	
Process	Yes	Text	Textbox	Auto populate	
Activity	Yes	Text	Textbox	Auto populate	
Folio	Yes	Text	Textbox	Auto populate	
Description	Yes	Text	Textbox	Auto populate	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	Yes	Text	Textbox	Auto populate	
Days Left	Yes	Number	Textbox	Auto populate	
WBS Number	Yes	Number	Text box	Auto populate	
Supply Condition	Yes	Text	Textbox	Auto populate	Mandatory
CC&B Billing information	No	Text	Checkbox		Mandatory

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completely updated (Charges and Energy Consumption)			
Edit Activity	No	Link	
Customer Application	No	Link	<a href="#">Link to Customer application form</a>
Customer Information Form	No	Link	<a href="#">Link to Customer Information Form</a>
Technical Information Form	No	Link	<a href="#">Link to Technical Information Form</a>
Scope of Work	No	Link	
Handover Sheet	No	Link	
Project Types	Yes	Link	
Help	Yes	Link	

#### 5.2.3.1.25 Yb Process Contractors Invoices

Yb Process Contractors Invoices			
<b>Process Info</b> Process: DirectCustomer - Minor Activity: Yb Process Contractors Invoices Folio: My Folio No		<b>Description</b> Yb Process Contractors Invoices	
View Activity Notes		CONNECT IN DAYS LEFT WBS NUMBER	Negotiated N/A 5
Invoices Received and checked for data correctness Verify dates for work carried out Zb Invoices checked and approved		<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <-- None Selected -->	
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Update"/> <input type="button" value="Next &gt;&gt;"/> <input type="button" value="Close"/>	

#### 5.2.3.1.25.1 List of Functions – Yb Process Contractors Invoices

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Days Left</b>	Yes	Number	Textbox	<a href="#">Auto populate</a>	
<b>WBS Number</b>	Yes	Number	Text box	<a href="#">Auto populate</a>	
<b>Invoices Received and checked for data correctness</b>	Yes	Text	Checkbox		<b>Mandatory</b>
<b>Verify dates for work carried out</b>	No	Text	Checkbox		<b>Mandatory</b>
<b>Zb Invoices checked and approved</b>	No	Text	Checkbox & Name Picker		<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected






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<b>Edit Activity</b>	No	Link	
<b>Customer Application</b>	No	Link	<a href="#">Link to Customer application form</a>
<b>Customer Information Form</b>	No	Link	<a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No	Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No	Link	
<b>Handover Sheet</b>	No	Link	
<b>Project Types</b>	Yes	Link	
<b>Help</b>	Yes	Link	

#### 5.2.3.1.26 Zb Invoices checked and approved

Zb Invoices checked and approved			
<b>Process Info</b> <b>Process</b> DirectCustomer - Minor <b>Activity</b> Zb Invoices checked and approved <b>Folio</b> My Folio No		<b>Description</b> Zb Invoices checked and approved	
<b>View Activity Notes</b>		<b>CONNECT IN</b> <b>DAYS LEFT</b> <b>WBS NUMBER</b>	Negotiated N/A 5
Claim Checked against the BOQ Claim checked against Schedule of Rates Verify any Site Instructions or Variation Orders Claimed Check that all invoice data is correct ZAb Contractor Paid		     <-- None Selected -->	
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.3.1.26.1 *List of Functions – Zb Invoices checked and approved*

Field Name	Read-Only	Value Type	Control type	Notes	Validations
Process Info	Yes	Text	Label	<i>Auto populate</i>	
Process	Yes	Text	Textbox	<i>Auto populate</i>	
Activity	Yes	Text	Textbox	<i>Auto populate</i>	
Folio	Yes	Text	Textbox	<i>Auto populate</i>	
Description	Yes	Text	Textbox	<i>Auto populate</i>	
Add/View Activity notes (New Change)	No	Text	Link		
Connection In	Yes	Text	Textbox	<i>Auto populate</i>	
Days Left	Yes	Number	Textbox	<i>Auto populate</i>	
WBS Number	Yes	Number	Text box	<i>Auto populate</i>	
Claim Checked against the BOQ	Yes	Text	Checkbox		Mandatory
Claim checked against Schedule of Rates	No	Text	Checkbox		Mandatory
Verify any Site Instructions or Variation Orders Claimed	No	Text	Checkbox		Mandatory
Check that all invoice data is correct	No	Text	Checkbox		Mandatory

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<b>ZAb Contractor Paid</b>	No	Text	Checkbox & Name Picker	<b>Mandatory</b> When the checkbox is selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No		Link	
<b>Customer Application</b>	No		Link	<a href="#">Link to Customer application form</a>
<b>Customer Information Form</b>	No		Link	<a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No		Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No		Link	
<b>Handover Sheet</b>	No		Link	
<b>Project Types</b>	Yes		Link	
<b>Help</b>	Yes		Link	

#### 5.2.3.1.27 ZAb Contractor Paid

ZAb Contractor Paid			
<b>Process Info</b> Process: DirectCustomer - Minor Activity: ZAb Contractor Paid Folio: My Folio No	<b>Description</b> ZAb Contractor Paid		<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>
<b>View Activity Notes</b> Invoice processed in SAP Invoice filed with copy of Remittance print out from SAP run ZBb Close Out Project	<input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>	CONNECT IN DAYS LEFT WBS NUMBER Negotiated N/A 5	
<input type="button" value="Send To K2 Controller"/>		<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>	

#### 5.2.3.1.27.1 List of Functions – ZAb Contractor Paid

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Days Left</b>	Yes	Number	Textbox	<a href="#">Auto populate</a>	
<b>WBS Number</b>	Yes	Number	Text box	<a href="#">Auto populate</a>	
<b>Invoice processed in SAP</b>	Yes	Text	Checkbox		<b>Mandatory</b>
<b>Invoice filed with copy of Remittance print out from SAP run</b>	No	Text	Checkbox		<b>Mandatory</b>
<b>ZBb Close Out Project</b>	No	Text	Checkbox & Name Picker		<b>Mandatory</b> When the checkbox is

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			selected, the next user to carry out the next activity should be selected
<b>Edit Activity</b>	No	Link	
<b>Customer Application</b>	No	Link	<a href="#">Link to Customer application form</a>
<b>Customer Information Form</b>	No	Link	<a href="#">Link to Customer Information Form</a>
<b>Technical Information Form</b>	No	Link	<a href="#">Link to Technical Information Form</a>
<b>Scope of Work</b>	No	Link	
<b>Handover Sheet</b>	No	Link	
<b>Project Types</b>	Yes	Link	
<b>Help</b>	Yes	Link	

#### 5.2.3.1.28 ZBb Close Out Project

ZBb Close Out Project																														
<b>Process Info</b> Process: DirectCustomer - Minor Activity: ZBb Close Out Project Folio: My Folio No	<b>Description</b> ZBb Close Out Project	<b>Links</b> <a href="#">Edit Activity</a> <a href="#">Customer Application</a> <a href="#">Customer Information Form</a> <a href="#">Technical Information Form</a> <a href="#">Scope Of Work</a> <a href="#">Handover Sheet</a> <a href="#">Project Types</a> <a href="#">Help</a>																												
<b>View Activity Notes</b> All project data completed electronically and in Jacket Approved NOD checked and Project Closed Nb Capture in Smallworld Pb Produce Proposed NOD Qb Approve Proposed NOD Rb Publish Proposed NOD and Issue Ub Metering & Protection Wa Defects to be cleared Wb Publish Final NOD Xa Field Service Sign-Off Xb Confirm As Built Information in SmallWorld Y Raise Bill and Update Cordaptix	<table border="1"> <thead> <tr> <th>CONNECT IN</th> <th>Negotiated</th> </tr> </thead> <tbody> <tr> <td>DAYS LEFT</td> <td>N/A</td> </tr> <tr> <td>WBS NUMBER</td> <td>5</td> </tr> </tbody> </table> <table border="1"> <thead> <tr> <th>Completed -</th> <th>Timestamp</th> </tr> </thead> <tbody> <tr><td>Completed -</td><td>2010-04-28 14:40:28</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:30</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:32</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:34</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:35</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:38</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:40</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:42</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:42</td></tr> <tr><td>Completed -</td><td>2010-04-28 14:40:44</td></tr> </tbody> </table>	CONNECT IN	Negotiated	DAYS LEFT	N/A	WBS NUMBER	5	Completed -	Timestamp	Completed -	2010-04-28 14:40:28	Completed -	2010-04-28 14:40:30	Completed -	2010-04-28 14:40:32	Completed -	2010-04-28 14:40:34	Completed -	2010-04-28 14:40:35	Completed -	2010-04-28 14:40:38	Completed -	2010-04-28 14:40:40	Completed -	2010-04-28 14:40:42	Completed -	2010-04-28 14:40:42	Completed -	2010-04-28 14:40:44	
CONNECT IN	Negotiated																													
DAYS LEFT	N/A																													
WBS NUMBER	5																													
Completed -	Timestamp																													
Completed -	2010-04-28 14:40:28																													
Completed -	2010-04-28 14:40:30																													
Completed -	2010-04-28 14:40:32																													
Completed -	2010-04-28 14:40:34																													
Completed -	2010-04-28 14:40:35																													
Completed -	2010-04-28 14:40:38																													
Completed -	2010-04-28 14:40:40																													
Completed -	2010-04-28 14:40:42																													
Completed -	2010-04-28 14:40:42																													
Completed -	2010-04-28 14:40:44																													
<input type="button" value="Send To K2 Controller"/>	<input type="button" value="Back"/> <input type="button" value="Update"/> <input type="button" value="Next"/> <input type="button" value="Close"/>																													

#### 5.2.3.1.28.1 List of Functions – ZBb Close Out Project

Field Name	Read-Only	Value Type	Control type	Notes	Validations
<b>Process Info</b>	Yes	Text	Label	<a href="#">Auto populate</a>	
<b>Process</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Activity</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Folio</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Description</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Add/View Activity notes (New Change)</b>	No	Text	Link		
<b>Connection In</b>	Yes	Text	Textbox	<a href="#">Auto populate</a>	
<b>Days Left</b>	Yes	Number	Textbox	<a href="#">Auto populate</a>	
<b>WBS Number</b>	Yes	Number	Text box	<a href="#">Auto populate</a>	
<b>All project data completed electronically and in Jacket</b>	No	Text	Checkbox	<a href="#">Auto populate</a>	Mandatory
<b>Approved NOD</b>	No	Text	Checkbox	<a href="#">Auto populate</a>	Mandatory

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<b>checked and Project Closed</b>					
<b>Nb Capture in Smallworld</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Pb Produce Proposed NOD</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Qb Approve Proposed NOD</b>	Yes	Text	Textbox		
<b>Rb Publish Proposed NOD and Issue</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Ub Metering &amp; Protection</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Wa Defects to be cleared</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Wb Publish Final NOD</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Xa Field Service Sign-Off</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Xb Confirm As Built Information in SmallWorld</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Y Raise Bill and Update CC&amp;B</b>	Yes	Text	Textbox	<i>Auto populate</i>	<b>Mandatory</b>
<b>Edit Activity</b>	No		Link		
<b>Customer Application</b>	No		Link	<i>Link to Customer application form</i>	
<b>Customer Information Form</b>	No		Link	<i>Link to Customer Information Form</i>	
<b>Technical Information Form</b>	No		Link	<i>Link to Technical Information Form</i>	
<b>Scope of Work</b>	No		Link		
<b>Handover Sheet</b>	No		Link		
<b>Project Types</b>	Yes		Link		
<b>Help</b>	Yes		Link		

## 6 Non-Functional Requirements

### 6.1 Transaction Volume

Not Applicable

### 6.2 Performance Requirements

No specific performance requirements specified. Current performance levels of Smartforms are acceptable.

### 6.3 Security Requirements

#### 6.3.1 Administrator & User Roles

##### 6.3.1.1 K2 User Roles & Access

Regional users will carry out assigned activities from their worklist which include capturing the data and selecting appropriate options. Once completed, the user will select the specified recipient/s to carry out the next activities of the workflow according to a set of procedural rules. K2 Managers will support and/or approve projects, tasks or jobs via the ACNAC system. The K2 Controller will serve as a level 1 support for users, and will control the user and process requirements. Should a need arise; users will be able to route any activities back to the K2 Controller. The activity will then be taken off the worklist of the original user, and will

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be placed on the worklist of the selected user. The Administrator will serve as a level 2 support in order to maintain the system and user base.

#### **6.3.1.2 Detailed Design Definition for user access**

Access to the Maintenance Functions has been categorised into National, Regional, K2 Controller, National Forms and Regional Forms groups. As a result, required controls to limit the Users assigned to these roles to only have access to specific Maintenance Functions.

Access to the Maintenance Functions will be limited as follows:

The Regional K2 Controllers' will be responsible for the operational day to day maintenance of the ACNAC Workflow system. As a result of this role, the K2 Controllers will have access to the following maintenance functions.

<b>Forms Engine</b>	Activity
<b>Advanced Maintenance</b>	Redirect worklist
<b>Advanced Maintenance</b>	Edit process folio

The Regional Workflow Administrator will have same access rights as the K2 Controller as well as the following maintenance functions.

<b>Security</b>	Group
<b>Security</b>	User
<b>Areas</b>	Customer Service Area
<b>Areas</b>	Technical Service Centre
<b>Forms Engine</b>	Activity
<b>Advanced Maintenance</b>	Error Profile

The National Workflow Administrator will have access rights to the following maintenance functions stated below, including the defined that the Regional Workflow Administrator access. This role will be filled by the ACNAC Support team.

<b>Security</b>	Setting
<b>Security</b>	Maintenance Item
<b>Security</b>	Menu
<b>Areas</b>	Region
<b>Areas</b>	Company
<b>National Maintenance</b>	Customer Type
<b>National Maintenance</b>	Language
<b>Direct Customer</b>	Account Type
<b>Direct Customer</b>	Phase Type
<b>Direct Customer</b>	Project Type
<b>Direct Customer</b>	Supply Type
<b>Direct Customer</b>	Application Category
<b>Direct Customer</b>	Application Usage
<b>Direct Customer</b>	Application Sub Usage
<b>Forms Engine</b>	Quotation Type

The Regional Forms Administrator will have access rights to the following maintenance functions.

<b>Areas</b>	District Municipal Area
<b>Areas</b>	Engineering Area
<b>Areas</b>	Field Service Area
<b>Areas</b>	Local Municipal Area
<b>Areas</b>	Network Planning Area

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<b>Areas</b>	TSC
--------------	-----

The National Forms Administrator will have rights to maintain the following functions.

<b>Forms Engine</b>	Load Profile
<b>Project Lookups</b>	Document Types
<b>Project Lookups</b>	Economic Classification
<b>Job Lookups</b>	Unknown
<b>Job Lookups</b>	Voltage
<b>Job Lookups</b>	Priority
<b>Unknown</b>	Meter Type
<b>Unknown</b>	Structure Item Type
<b>Unknown</b>	Structure Item
<b>Unknown</b>	Acceptance Role
<b>Unknown</b>	Funding Item
<b>National Maintenance</b>	Environmental Status
<b>National Maintenance</b>	Evaluation Type
<b>National Maintenance</b>	Physical Statistic Action
<b>National Maintenance</b>	Funding Group
<b>National Maintenance</b>	Physical Statistic Item
<b>National Maintenance</b>	Job Category
<b>National Maintenance</b>	Business Category
<b>National Maintenance</b>	Costing Rate
<b>National Maintenance</b>	Uploads

#### 6.4 Software Quality Attributes

Not Applicable

#### 6.5 History Requirements

Not Applicable

#### 6.6 Archiving Requirements

Not Applicable

#### 6.7 Frequency

Not Applicable

#### 6.8 Dependencies

No dependencies are limited to this form.

- Access to SAP data of person details and organisational structure
- Sharepoint page with list of links to Smartforms

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## 6.9 Access Rights (Roles and Profiles)

Not Applicable

## 7 Other Requirements

A report will be needed to display a list of all requests submitted within a specific time period. Report to include request number, project name/reference, and requester name and approval state.

- NB: Reports are only developed or executed once the form has been implemented.
- NB: eForms Support run only reports that are displayed in the form of excel Spreadsheet, Users are expected to log a call with T-Systems so that eForms support can run the reports upon request; to see how many requests per division, data filter will be used. If Users wants to see and run their own reports a call should be logged and assigned to BI.
- Clause 14 should be incorporated into this change once received.
- 

## 8 Functional Design Considerations

- Data Structure - None
- Assumptions that were made during functional design- None
- Prerequisites for the correct working of the product - None
- Main decisions/reasons regarding functionality- None
- Scale of deployment- Medium
- Resource requirements in terms of hardware, data volume, other software or equipment- None
- Portability- None
- Reliability/Maintainability/Availability- Reliability
- Installation- Not Applicable
- Security- Not Applicable
- Configuration and customisation- Not Applicable
- Error handling- Not Applicable

### 8.1 Interface Data Structure

Not Applicable

### 8.2 Interface Data Schema

Not Applicable

#### 8.2.1 Sample file

Not Applicable

## 9 Interface Requirements

### 9.1 User Interfaces

Not Applicable.

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## 9.2 Hardware Interfaces

Not Applicable

## 9.3 Software Interfaces

Not Applicable

## 9.4 Communications Interfaces

An email should be sent into Outlook inbox of the submitter as well as the next Approver

## 9.5 Module Interfaces

Not Applicable

# 10 Configuration Changes

## 10.1 Before and After Images

Not Applicable

# 11 Testing Requirements

## 11.1 Test Scenarios

Test cases will be documents in the UAT document and be sent to the user to test in the QA environment

## 12 Documents to be updated

None

## 13 References

### 13.1 Reference Documentation (include reference to test pack)

Name	Location
ACNAC Replacement Project – ACNAC Overall Functional Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification
ACNAC Replacement Project – ACNAC Electrification Turnkey Functional Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification
ACNAC Replacement Project – ACNAC Direct Customer Major Functional Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification
ACNAC Replacement Project – ACNAC Refurbishment Major and Short Functional Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification
ACNAC Replacement Project – ACNAC Strengthening Major and Short Functional Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification

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ACNAC Replacement Project – ACNAC Bulk Process Functional Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification
ACNAC Replacement Project – ACNAC Electrification Blanket Process Functional Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification
ACNAC Replacement Project – Reports	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification
ACNAC Replacement Project – User Requirements Specification	Hyperwave – Eskom/Enterprise Development Group/Group IT/ Application, Development, Maintenance & Support/ Enterprise Cluster/Enterprise Formal Documents/Projects/ACNAC/Specification

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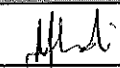
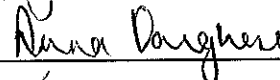
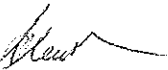
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ACNAC Replacement Project – User Requirements Specification	Hyperwave
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## 14 Functional Specification Signoff

This document was reviewed and approved in terms of accuracy and completeness by the following stakeholders:

Role	Name	Signature	Date
Specialist	Melidah Sebetsela		14 May 2015
Functional / Cell Lead	Anna Varghese		14/05/2015
Requester	Ayesha Hardien		13 May 2015

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