

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE



BID NO: RFP06/24

**APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE
CLOSING DATE: 10 JANUARY 2025 AT 11AM**

Issued by:

Ithala Development Finance Corporation Limited
29 Canal Quay Road (for GPS 29 Signal Road),
Point Waterfront
Durban

Procurement Enquires:

Supply Chain Management Unit
Email: tenders@ithala.co.za
Tel: 031 907 8911

Name of Bidder:

For any complaints regarding our supply chain management abuses please contact Larissa Warren at 031 907 8610 or email complaints@ithala.co.za alternatively you can lodge an anonymous complaint at our toll-free hotline number 0800 0004 82

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

REQUEST FOR PROPOSALS

**ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED, 29 CANAL QUAY ROAD, POINT,
DURBAN (FOR GPRS 29 SIGNAL ROAD)** (Hereinafter referred to as (“Ithala”))

BID NUMBER: **RFP06/24**

CLOSING DATE: **10 JANUARY 2025**

TIME: **11AM**

DESCRIPTION: **APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO
RETAIL CENTRE**

COMPULSORY
BRIEFING
SESSION:

Yes

☒

No

☐

DATE:	28 NOVEMBER 2024 at 11:00
VENUE:	Ndumo A Farm no 13147 portion 0 in ward 16 within Jozini Local Municipality
TELEPHONE:	031 907 8911
Bid Enquiries	Bidders are requested to email all queries to tenders@ithala.co.za

Contents

C.1 TENDER NOTICE AND INVITATION TO TENDER	4
SUMMARY FOR TENDER OPENING PURPOSES.....	9
DESCRIPTION OF WORKS	10
EVALUATION METHOD FOR BID RFP IN TERMS OF ITHALA SUPPLY CHAIN MANAGEMENT	10
T1.2 TENDER DATA.....	11
T2.1. LIST OF RETURNABLE DOCUMENTS	21
AUTHORITY FOR CONSORTIA OR JOINT VENTURES TO SIGN TENDER	23
T2.5 JOINT VENTURE INVOLVEMENT DECLARATION.....	26
7. T2.7 SITE INSPECTION MEETING CERTIFICATE.....	33
8. T2.10 RECORD OF ADDENDA TO TENDER DOCUMENTS	38
9. T2.11 CONTRACTOR'S SAFETY, HEALTH AND ENVIRONMENTALDECLARATION.....	39
T2.16 SCHEDULE OF PLANT AND EQUIPMENT	41
T2.17 KEY PERSONNEL	42
T2.18 CONTRACTOR REGISTRATION WITH CONSTRUCTION INDUSTRY DEVELOPMENT BOARD 43	
PART C2: PRICING DATA	44
C2.1 PRICING INSTRUCTIONS	45
ITHALA DEVELOPMENT FINANCE CORPORATION LTDPROVISIONAL BILLS OF QUANTITIES FOR...	48
14. C2.2 BILLS OF QUANTITIES	49
PART C3: TENDER.....	50
C3.2 ORDER AND GROUPING OF THE WORKS	57
C3.3 SCOPE OF WORK	57

C.1 TENDER NOTICE AND INVITATION TO TENDER

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE COLLECTION OF BID DOCUMENTS

The bid documents can be obtained online from the Ithala website (www.ithala.co.za) or by request from tenders@ithala.co.za at no cost.

BRIEFING SESSION

A Compulsory clarification site meeting will take place on site at **Ndumo A Farm no 13147 portion 0 in ward 16 within Jozini local municipality** on **00 NOVEMBER 2024 at 00:00**

SUBMISSION OF BID DOCUMENTS

The proposals shall be submitted in sealed envelopes delivered to the Ithala Trade Centre, 29 Canal Quay Road (for GPS use 29 Signal Road), Point, Durban and should be deposited in the box located at the reception. The closing time for receipt of tenders is **10 JANUARY 2025 at 11h00**.

One original and one electronic (USB) copy of the bid document must be submitted.

Telegraphic, telephonic, telex, facsimile, e-mail and late tenders will not be accepted. It is important to note that all bids lodged will be examined to determine compliance with the bidding requirements and conditions. Bids with obvious deviation from the requirements will be eliminated.

Technical and administrative queries relating to these documents may be addressed in writing only quoting the Bid No. for attention: Supply Chain Management Unit by email to tenders@ithala.co.za
Tenders may only be submitted on the original tender documentation that is issued by Ithala written in black ink. This tender document may not be reproduced.

For any complaints regarding our supply chain management abuses please contact Customer Services at 031 907 8610 or email Complaints@ithala.co.za alternatively you can lodge an anonymous complaint at our toll-free hotline number 0800 0048 23

SBD 1 – INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (NAME OF DEPARTMENT/ PUBLIC ENTITY)

BID NUMBER:	RFP06/24	CLOSING DATE:	10 JANUARY 2025	CLOSING TIME:	11AM
DESCRIPTION	APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
Ithala Trade Centre					
29 Canal Quay Road					
Point Waterfront					
Durban					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	SCM		CONTACT PERSON	SCM	
TELEPHONE NUMBER	0319078911		TELEPHONE NUMBER	0319078911	
FACSIMILE NUMBER	N/A		FACSIMILE NUMBER	N/A	
E-MAIL ADDRESS	tenders@ithala.co.za		E-MAIL ADDRESS	tenders@ithala.co.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES ENCLOSE PROOF]		ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	☐ Yes ☐ No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]	
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?			☐ YES ☐ NO		
DOES THE ENTITY HAVE A BRANCH IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE PERMANENT ESTABLISHMENT IN THE RSA?			☐ YES ☐ NO		
DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?			☐ YES ☐ NO		
IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?			☐ YES ☐ NO		

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

NO

IF THE ANSWER IS "NO" TO ALL OF THE ABOVE, THEN IT IS NOT A REQUIREMENT TO REGISTER FOR A TAX COMPLIANCE STATUS SYSTEM PIN CODE FROM THE SOUTH AFRICAN REVENUE SERVICE (SARS) AND IF NOT REGISTER AS PER 2.3 BELOW.

1. BID SUBMISSION:

- 1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
- 1.2. **ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED-(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.**
- 1.3. **THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).**

2. TAX COMPLIANCE REQUIREMENTS

- 2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
- 2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
- 2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE
- 2.4 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED, EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
- 2.5 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
- 2.6 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS WHO ARE PERSONS IN THE SERVICE OF THE STATE."

SIGNATURE OF BIDDER:

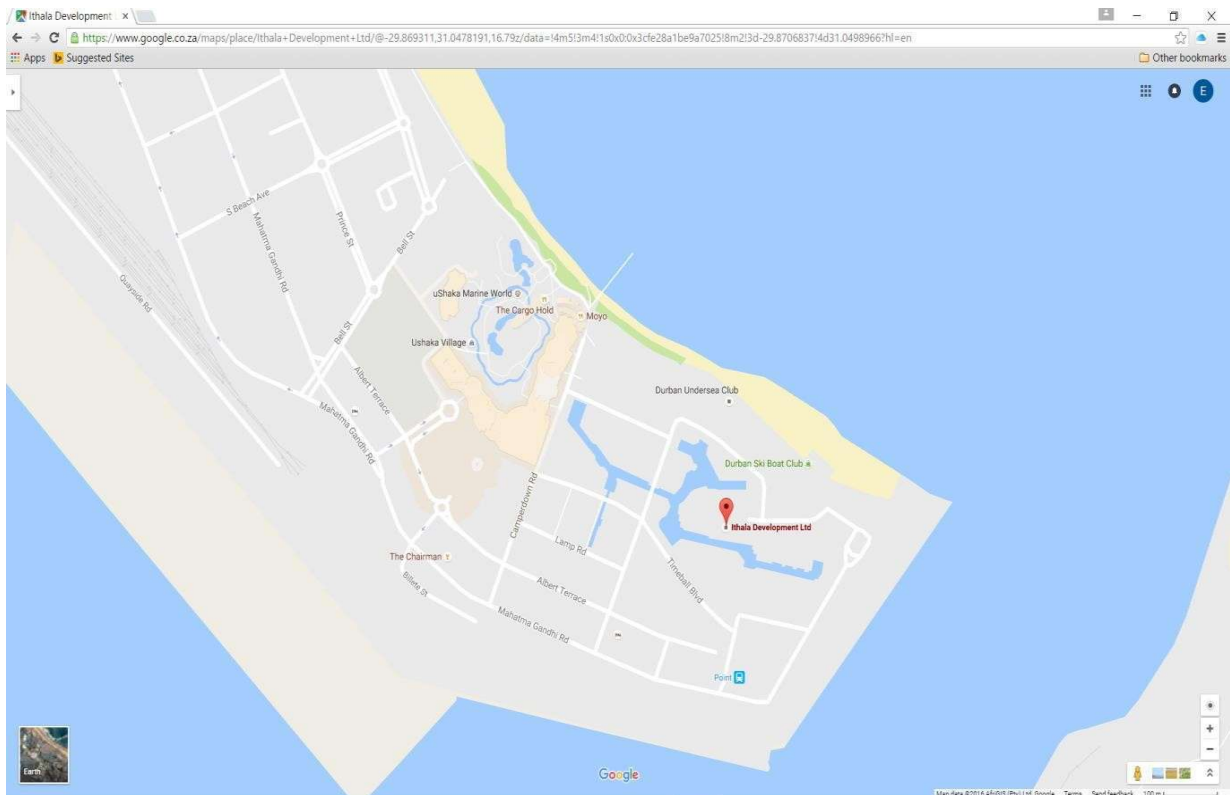
CAPACITY UNDER WHICH THIS BID IS SIGNED:

DATE:

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

TENDER BOX LOCALITY MAP

Physical address of Tender Box: ITHALA TRADE CENTRE, 29 CANAL QUAY ROAD, POINT- DURBAN
4069



ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

FOR
ITHALA DEVELOPMENT FINANCE CORPORATION

CONSULTANTS

PRINCIPAL AGENT	
COMPANY NAME	Exilite Consulting Engineers
CONTACT PERSON	Peter Wanjau
EMAIL ADDRESS	admin@exilite-consulting.co.za

ARCHITECT	
COMPANY NAME	Charisma Design Studio Architects
CONTACT PERSON	Joseph Sure
EMAIL ADDRESS	joseph@cd-sa.co.za

QUANTITY	
COMPANY NAME	Takgalang Consulting
CONTACT PERSON	Takalani Rambau
EMAIL ADDRESS	taki@takgalang.co.za

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

SUMMARY FOR TENDER OPENING PURPOSES

[To facilitate the reading out of tender parameters at the opening of tenders, the tenderer shall complete this form and submit it with his tender]

Name of Contractor submitting the tender:

Tender amount Incl. VAT (as stated in the Form of Offer): R

Alternative Tender offered Incl. VAT?..... (Yes / No)

If "Yes" state amount: R

Preferences claimed:

BBBEE Level:

Specified Time for Practical Completion: 24 Months (Excluding annual builders break and public holidays)

Alternative Time for Completion offered (If less than the 24 Months stipulated) (Yes / No)

If "Yes", state time offered.....

Details of contact person: Name (Print):

.....

Telephone No..... Fax No:

E-mail address.....

Note: In the event of conflict between the data provided in this summary and that given in the tender, the latter shall prevail.

SIGNATURE..... ***of person authorized to sign the tender)***



PART 1: TENDER PROCEDURES

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Ithala development finance corporation requires the services of a building contractor with expertise in construction of workshops or similar structures.

INVITATION TO BID

Ithala Development Finance Corporation Limited (Ithala) seeks to solicit the services of the service providers who are registered with the Construction Industry Development Regulations Board (CIBD), in **9GB** grade class with extensive knowledge in construction of workshops or similar structures.

DESCRIPTION OF WORKS

CONSTRUCTION OF NDUMO RETAIL CENTRE

The project will include the following activities:

- a. Mall, Taxi rank and market stalls

EVALUATION METHOD FOR BID RFP IN TERMS OF ITHALA SUPPLY CHAIN MANAGEMENT

- **Stage One (01)** - Administrative compliance,
- **Stage Two (02)** – Functionality. Functionality for point's allocation will be evaluated and scored out of 100 points. Tenderers should score a minimum of 80 points to be considered for further evaluation and,
- **Stage Three (03)** will be Price & Specific Goals (90/10)

T1.2 TENDER DATA

The Standard Conditions of Tender make several references to the Tender Data for details that apply specifically to this tender. The Tender Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the Standard Conditions of Tender.

Each item of data given below is cross-referenced to the clause in the Standard Conditions of Tender to which it mainly applies.

Clause number	Tender Data
F.1.1	The employer is Ithala Development Finance Corporation Ltd
F.1.2	The Tender Documents issued by the Employer comprise the following documents: THE TENDER Part T1: Tendering procedures T1.1 - Tender notice and invitation to tender T1.2 - Tender data Part T2: Returnable documents T2.1 - List of returnable documents T2.2 - Returnable schedules THE CONTRACT Part C1: Agreements and Contract data C1.1 - Form of offer and acceptance C1.2 - Contract data C1.3 - Performance Bond (N/A) C1.4 - Adjudicator's contract Part C2: Pricing data C2.1 - Pricing instructions C2.2 - Bill of Quantities Part C3: Scope of work C3 - Scope of work Part C4: Site information C4 - Site information
F.1.3	The principal agent is: Position: Principal Agent Name: Exilite Consulting Engineers Address: 16 Strelitzia Avenue, Country View, Midrand, 1687
F.2.1	Only bidders who are registered with the Construction Industry Development Board and have an active CIDB grading designation of 9GB are eligible to submit bids. Joint ventures are eligible to submit tenders provided that: 1. Every member of the joint venture is registered with the CIDB. 2. Three contractors registered in contractor grading designation 8 of which the lead partner must be registered in the class of work under consideration. 3. The combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum tendered for a 9GB class of construction work or a value determined in accordance with Regulation 25 (1B) or 25(7A) of the Construction Industry Development Regulations. 4. Joint Venture Contractors as well as Sub-contractors are to be registered under the Central Supplier Database, Tax Compliant and be active CIDB members.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

F.2.2	The arrangements for a compulsory clarification meeting are as stated in the Tender Notice and Invitation to Tender. Tenderers must sign the attendance register in the name of the tendering entity.
F.2.3	Alternative offers will not be accepted.
F.2.4.4	Telephonic, telegraphic, telex, facsimile or e-mailed tender offers will not be accepted.
F.2.5	The closing time for submission of tender offers is as stated in the Tender Notice and Invitation to Tender.
F.2.6	The tender offer validity period is 90 Days .
F.3.2	Tenders will be opened immediately after the closing time for tenders at 11H00 hrs.
F.3.3.2	<u>STAGES OF EVALUATION</u> <u>STAGE ONE (01) - ADMINISTRATIVE COMPLIANCE</u> <i>All bids duly lodged will be examined to determine compliance with bidding requirements and conditions. Bids with obvious deviations from the requirements/conditions, will be eliminated from further adjudication.</i> Mandatory Requirements Bids will be considered compliant if the following documents have been submitted or condition met (whichever is applicable) 1. The bidder must be registered as a vendor on the National Treasury Central Supply Database (CSD), which can be found at https://secure.csd.gov.za/ in compliance with National Treasury compliance paragraph 4.2 with instruction note 4a of 2016/2017 2. The bidder must be in good standing with SARS and such information will be verified through Central Supply Database (CSD) or using SARS e-filing pin in National Treasury compliance with instruction note 9 of 2017/2018 prior to the award of the bid. 3. Bidders Disclosure- A completed and duly signed declaration of interest. Should a conflict of interest not be declared or identified, the bid would be declared non-responsive. NB: Bidder must ensure all pages are complete of all questions answered, you are indicating not applicable (N/A) where appropriate. 4. The bidder must be registered with the Construction Industry Development Board and must have an active CIDB grading designation of 9GB. 5. The Bidder must provide a valid letter of good standing for Workman's compensation in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993 (COIDA). 6. Proof of compulsory briefing session attendance - attendance register Note: The Bidders must meet all the above stipulated mandatory requirements to proceed to the next stage of the evaluation. Failure to meet all the above mandatory requirements will lead to immediate disqualification. <u>7. STAGE TWO (02) – FUNCTIONALITY</u> 8. Functionality for point's allocation will be evaluated and scored out of 100 points. Tenderers should score a minimum of (80 points) to be considered for further evaluation. 9. Please see below detailed criteria for evaluation.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Quality/Functionality criteria		Maximum number of points
1. Experience of the Bidder (Past 5 years)		25
2. Key Personnel	Construction Manager	15
	Site Supervisor/Foreman	10
	Health and Safety Agent	5
	Quantity Surveyor	5
3. Construction Methodology		15
4. Programme		10
5. QMS Plan		15
Maximum possible score for quality (MS)		100

Detailed Breakdown of Functionality Points:

A. Experience of the Bidder (Projects completed within the last 10 years)

Quality criteria	Basis for points allocation	Score	Max. Points	Total
EXPERIENCE OF THE BIDDER	To score points bidders must submit appointment letters, final completion certificates and reference letters. NB: Should the bidder not submit any of the required documents on a specific project, that specific project will not be considered. The documents must have a: • Full description of the project • Name of Employer / client and their representative contact details • Cost of the works • Date of practical completion and final completion • Duration of the project and start date • Only general building projects of similar nature will be considered • Similar nature - The structure entails, Structural steel roofs and supports, Reinforced concrete foundations and superstructure and Load bearing brick work. Each project should show evidence of a combination of all. 5 Completed projects of similar nature not less than R 90 million in construction value 4 Completed projects of similar natures not less than R 90 million in construction value 3 Completed projects of similar natures not less than R 90 million in construction value 2 Completed projects of similar nature not less than R 90 million in construction value 1 Completed projects of similar nature not less than R 90 million in construction value No Completed projects of similar nature not less than R90 million in construction value Note that experience reflected for other types of construction projects other than of similar nature will not be considered as similar experience. Accordingly, bidders must clearly provide the details of the projects that have successfully been completed to score points. Furthermore, the date of completion must be clearly indicated considering that only projects completed within the past 10 years will be considered for scoring purposes. If the bidder is bidding as a consortium the lead bidder needs to provide the experience.	(25) (25) (20) (15) (10) (5) (0)	(25)	

B. Key Personnel

B1. Construction Manager (full time role)

Quality criteria	Basis for points allocation	Score	Max. Points	Total
KEY PERSONNEL- Construction Manager	• BSc/BTech/B Eng/N Dip in the Built Environment and more than 10 years post-graduation experience in the construction field and a SACPCMP of 3 years.	(15)	(15)	
	• BSc/BTech/B Eng/N Dip in the Built Environment and 5 to 10 years after graduation experience in the construction field, with 3 years SACPCMP post registration	(10)		
	• Less than 5 years after graduation experience, or no qualification, or no SACPCMP registration.	(0)		
	Detailed CV clearly indicating all similar experiences with the year and month of commencement and completion. Certified copies not older than 3 months must be provided. FAILURE TO SUBMIT A CERTIFIED QUALIFICATION AND A VALID PROFESSIONAL REGISTRATION CERTIFICATE WILL RESULT IN ZERO POINTS. QUALIFICATIONS OBTAINED OUTSIDE OF SOUTH AFRICA TO BE ACCOMPANIED BY CERTIFICATION FROM SAQA (South African Qualifications Authority) “SIMILAR EXPERIENCE” WILL BE EVALUATED AGAINST THE SCOPE OF WORKS FOR THIS PROJECT			

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

B2. Site Supervisor/Foreman (full time role)

Quality criteria	Basis for points allocation	Score	Max. Points	
KEY PERSONNEL- Site Supervisor/Foreman	- More than 10 years' experience in the construction industry with at least 5 years' experience in supervisory role in projects over R90 million. 5 to 10 years' experience in the construction industry with atleast 3 years' experience in supervisory role in projects over R90 million. Less than 5 years' experience in the construction industry or less than 3 years' experience in a supervisory role in projects over R90 million. Detailed CV clearly indicating all similar experience with the year and month of commencement and completion indicated with CONTACTABLE REFERENCES. Acceptable references: • Clients • Project manager • Project consultant	(10) (5) (0)	(10)	

B3. Health and Safety Agent (full time role)

Quality criteria	Basis for points allocation	Score	Max. Points	
KEY PERSONNEL- Health and Safety Officer	Ndip or higher qualification in Safety Management and active registration with the SACPCMP as a construction health and safety officer, and more than 5 years post-graduation experience in the construction industry. Ndip or higher qualification in Safety Management and active registration with the SACPCMP as a construction health and safety officer, and 3 to 5 years post-graduation experience in the construction industry. Less than 3 years post-graduation experience, or no having relevant qualification or no registration with the SACPCMP and Detailed CV clearly indicating all similar experiences with the year and month of commencement and completion. Certified copies not older than 3 months must be provided. FAILURE TO SUBMIT A CERTIFIED QUALIFICATION AND A VALID PROFESSIONAL REGISTRATION CERTIFICATE WILL RESULT IN ZERO POINTS. QUALIFICATIONS OBTAINED OUTSIDE OF SOUTH AFRICA TO BE ACCOMPANIED BY CERTIFICATION FROM SAQA (South African Qualifications Authority) "SIMILAR EXPERIENCE" WILL BE EVALUATED AGAINST THE SCOPE OF WORKS FOR THIS PROJECT	(5) (3) (0)	(5)	

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

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B4. Quantity Surveyor

Quality criteria	Basis for points allocation	Score	Max. Points	
KEY PERSONNEL- Quantity Surveyor	• BSc/BTech/ in Quantity Surveying and more than 10 years post-graduation experience and active registration with SACQSP as aPrQS. • BSc/BTech/ in Quantity Surveying and with 5 to 10 years post-graduation experience and active registration with SACQSP as aPrQS. • No BSc/BTech/ in Quantity Surveying or Less than 5-year postgraduation experience or no SACQSP registration • Detailed CV clearly indicating all similar experiences with the year and month of commencement and completion indicated. • Certified copies not older than 3 months of academic qualification certificates and VALID SACQSP Certification. FAILURE TO SUBMIT A CERTIFIED QUALIFICATION AND A PROFESSIONAL REGISTRATION CERTIFICATE WILL RESULT IN ZERO POINTS. QUALIFICATIONS OBTAINED FROM OUTSIDE OF SOUTH AFRICA TO BE ACCOMPANIED BY CERTIFICATION FROM SAQA (South African Qualifications Authority) “PROJECTS OF SIMILAR NATURE” WILL BE EVALUATED AGAINST THE SCOPE OF WORKS FOR THIS PROJECT.	(5) (3) (0)	(5)	

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

C1 Construction Methodology

Quality criteria	Basis for points allocation	Score	Max. Points	Total
CONSTRUCTION METHODOLOGY	Detailed Methodology with reference to General Construction Approach, labour, plant & equipment, contract administration, quality control & Health and Safety Management	(15)	(15)	
	Partially Completed Methodology with reference to General Construction Approach, labour, plant & equipment, contract administration, quality control & Health and Safety Management	(10)		
	- Generic Methodology with reference to General Construction Approach, labour, plant & equipment, contract administration, quality control & Health and Safety Management - No Methodology provided	(5) (0)		
	Detailed Methodology must be integrated with the submitted programme must clearly outline the following - The scope of works. - Understanding of challenges associated with the locality of the site. - Understanding of community challenges on construction projects and proposed mitigating factors. - Understanding that the site is located on tribal land and protocols to be adhered to (Site specific). - Understanding and appreciating the site is near a nature reserve with expansive Environmental requirements and regulations. - Detailed organogram clearly stipulating roles and responsibilities of key personnel. - Proof of availability of plant and equipment or intention to hire, relevant to a project of this magnitude. Minimum 30% work to be allocated/ subcontracted to emerging local contractors and local community enterprise			

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

C2 Programme

Quality criteria	Basis for points allocation	Score	Max. Points	Total
PROGRAMME	Programme is adequately detailed with correct sequencing and a time for achieving Practical Completion in 18 months	10	(10)	
	Programme is adequately detailed with correct sequencing and a time for achieving Practical Completion in 20 months	(7)		
	Programme is adequately detailed with correct sequencing and a time for achieving Practical Completion in 24 months	(5)		
	No programme provided or practical completion	(0)		
	GANTT Chart clearly describing each activity, the commencement and completion of works and the critical path. The Programme must be integrated with the Construction Methodology submitted			

C3 Quality Management Plan

Quality criteria	Basis for points allocation	Score	Max. Points	Total
QUALITY MANAGEMENT PLAN	ISO Accredited Quality Management System.	(15)	(15)	
	- Bidder has a Quality Management System that is not ISO accredited but a detailed Quality Management Plan has been provided that includes the following components: - Quality Control Responsibilities - Checklists - Testing and Quality Assurance - Approval Processes of Document Control	(10)		
	Bidder has submitted a generic Quality Management Plan that lacks adequate detail	(5)		
	Bidder has not submitted Quality Management Plan	(0)		

TOTAL	100
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NB: Failure to provide the required information the bidder will be scored = 0

All criteria will be scored out of 100 and the weight applied to get the number of points scored the minimum required number of evaluation points for quality is 80 points

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

F.3.4	STAGE THREE (03) WILL BE PRICE & SPECIFIC GOALS (90/10)		
	In line with Preferential Procurement Regulations 2022 and Ithala Supply Chain Management Policy, A bidder will qualify for preference points (where applicable). Bidders are required to submit the following documentation to claim points for specific goals in terms Historically Disadvantaged Individuals:		
	specific goals allocated points in terms of this tender		
	PRICE – 90 points		
	SPECIFIC GOALS – 10 points		
	Specific Goal	Percentage of Specific Goal target	Proof / Evidence to be submitted by the tenderer
			Points claimed by bidder (Max total of 10)
	≥51%Black ownership	2	CSD, CIPC registration
	≥51%Women ownership	2	CSD, CIPC registration
	≥51Youth ownership	3	CSD, CIPC registration - Youth is defined as person under the age of 35
F.3.5	≥25%People living with disability ownership	3	CSD report support by Certificate of disability issued by a medical physician
	Total points for Price and SPECIFIC GOALS	10	
	The number of paper copies of the signed contract to be provided by the employer is 1.		

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

5. T1.3 ANNEXURE F STANDARD CONDITIONS OF TENDER	
F.1	General
F.1.1	Actions
	The employer and each tenderer submitting a tender offer shall comply with these conditions of the tender. In their dealings with each other, they shall discharge their duties and obligations as setout in F.2 and F.3, timeously and with integrity, and behave equitably, honestly and transparently.
F.1.2	Tender Documents
	The documents issued by the employer for the purpose of a tender offer are listed in the tender data.
F.1.3	Interpretation
F.1.3.1	The tender data and additional requirements contained in the tender schedules that are included in the returnable documents are deemed to be part of these conditions of the tender.
F.1.3.2	These conditions of tender, the tender data and tender schedules which are only required for tender evaluation purposes, shall not form part of any contract arising from the invitation to tender.
F.1.3.3	For the purposes of these conditions for the calling for expressions of interest, the following definitions apply:
	a) comparative offer means the tenderer's financial offer after the factors of non-firm prices, all unconditional discounts and any other tendered parameters that will affect the value of the financial offer has been taken into consideration
	b) corrupt practice means the offering, giving, receiving or soliciting of anything of value to influence the action of the employer or his staff or agents in the tender process; and
	c) fraudulent practice means the misrepresentation of the facts to influence the tender process or the award of a contract arising from a tender offer to the detriment of the employer, including collusive practices intended to establish prices at artificial levels
F.1.4	Communication and employer's agent Each communication between the employer and a tenderer shall be to or from the employer's agent only, and in a form that can be read, copied and recorded. Writing shall be in the English language. The employer shall not take any responsibility for non-receipt of communications from or by a tenderer. The name and contact details of the employer's agent are stated in the tender data.
F.1.5	The employer's right to accept or reject any tender offer
F.1.5.1	The employer may accept or reject any variation, deviation, tender offer, or alternative tender offer, and may cancel the tender process and reject all tender offers at any time before the formation of a contract. The employer shall not accept or incur any liability to a tenderer for such cancellation and rejection but will give reasons for such action upon written request to do so.
F.1.5.2	The employer may not be after the cancellation or abandonment of a tender process, or the rejection of all tenders offers re-issue a tender covering substantially the same scope of work within a period of six months unless only one tender was received, and such tender was returned unopened to the tenderer.
F.2	Tenderer's obligations
F.2.1	Eligibility Submit a tender offer only if the tenderer complies with the criteria stated in the tender data and the tenderer, or any of his principals, is not under any restriction to do business with employer.
F.2.2	Cost of tendering Accept that the employer will not compensate the tenderer for any costs incurred in the preparation and submission of a tender offer, including the costs of any testing necessary to demonstrate that aspects of the offer satisfy requirements.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

F.2.3	Check documents Check the tender documents on receipt for completeness and notify the employer of any discrepancy or omission.
F.2.4	Confidentiality and copyright of documents Treat as confidential all matters arising in connection with the tender. Use and copy the documents issued by the employer only for the purpose of preparing and submitting a tender offer in response to the invitation.
F.2.5	Reference documents Obtain, as necessary for submitting a tender offer, copies of the latest versions of standards, specifications, conditions of contract and other publications, which are not attached but which are incorporated into the tender documents by reference.
F.2.6	Acknowledge addenda Acknowledge receipt of addenda to the tender documents, which the employer may issue, and if necessary, apply for an extension to the closing time stated in the tender data, to take the addenda into account.
F.2.7	Site visit and clarification meeting Attend, where required, a site visit and clarification meeting at which tenders may familiarize themselves with aspects of the proposed work, services or supply and raise questions. Details of the meeting(s) are stated in the tender data.
F.2.8	Seek clarification Request clarification of the tender documents, if necessary, by notifying the employer at least five working days before the closing time stated in the tender data.
F.2.9	Insurance Be aware that the extent of insurance to be provided by the employer (if any) may not be for the full cover required in terms of the conditions of contract identified in the contract data. The tenderer is advised to seek qualified advice regarding insurance.
F.2.10	Pricing the tender offer
F.2.10.1	Include in the rates, prices, and the tendered total of the prices (if any) all duties, taxes (except Value Added Tax (VAT), and other levies payable by the successful tenderer, such duties, taxes and levies being those applicable 14 days before the closing time stated in the tender data.
F.2.10.2	Show VAT payable by the employer separately as an addition to the tendered total of the prices.
F.2.10.3	Provide rates and prices that are fixed for the duration of the contract and not subject to adjustment except as provided for in the conditions of contract identified in the contract data. All prices should include overheads.
F.2.10.4	State the rates and prices in Rand unless instructed otherwise in the tender data. The conditions of contract identified in the contract data may provide for part payment in other currencies.
F.2.11	Alterations to documents Not make any alterations or additions to the tender documents, except to comply with instructions issued by the employer, or necessary to correct errors made by the tenderer. All signatories to the tender offer shall initial all such alterations. Erasures and the use of masking fluid are prohibited.
F.2.12	Alternative tender offers
F.2.12.1	Refer to F.2.12. in the Tender Data section. Submit alternative tender offers only if a main tender offer, strictly in accordance with all the requirements of the tender documents, is also submitted. The alternative tender offer is to be submitted with the main tender offer together with a schedule that compares the requirements of the tender documents with the alternative requirements the tenderer proposes.
F.2.12.2	Refer to F.2.12. in the Tender Data section. Accept that an alternative tender offer may be based only on the criteria stated in the tender data or criteria otherwise acceptable to the employer.
F.2.13	Submitting a tender offer
F.2.13.1	Submit a tender offer to provide the whole of the works, services or supply identified in the contract data, unless stated otherwise in the tender data.
F.2.13.2	Return all returnable documents to the employer after completing them in their entirety, either electronically (if they were issued in electronic format) or by writing in black ink.

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

F.2.13.3	Submit the parts of the tender offer communicated on paper as an original plus the number of copies stated in the tender data, with an English translation of any documentation in a language other than English, and the parts communicated electronically in the same format as they were issued by the employer.
F.2.13.4	Sign the original and all copies of the tender offer where required in terms of the tender data. The employer will hold all authorized signatories liable on behalf of the tenderer. Signatories for tenderers proposing to contract as joint ventures shall state which of the signatories is the lead partner whom the employer shall hold liable for the purpose of the tender offer.
F.2.13.5	Seal the original and electronic copy of the tender offer, the package shall state on the outside the employer's address and identification details stated in the tender data, as well as the tenderer's name and contact address.
F.2.13.7	Seal the original tender offer and copy packages together in an outer package that states on outside only the employer's address and identification details as stated in the tender data.
F.2.13.8	Accept that the employer shall not assume any responsibility for the misplacement or premature opening of the tender offer if the outer package is not sealed and marked as stated.
F.2.14	Information and data to be completed in all respects
	Accept tender offers, which do not provide all the data or information requested completely and, in the form required, may be regarded by the employer as non-responsive.
F.2.15	Closing time
F.2.15.1	Ensure that the employer receives the tender offer at the address specified in the tender data not later than the closing time stated in the tender data. Proof of posting shall not be accepted as proof of delivery. The employer shall not accept tender offers submitted by telegraph, telex, facsimile or e-mail, unless stated otherwise in the tender data.
F.2.15.2	Accept that, if the employer extends the closing time stated in the tender data for any reason, The requirements of these conditions of the tender apply equally to the extended deadline.
F.2.16	Tender offer validity
F.2.16.1	Hold the tender offer(s) valid for acceptance by the employer at any time during the validity period stated in the tender data after the closing time stated in the tender data.
F.2.16.2	If requested by the employer, consider extending the validity period stated in the tender data for an agreed additional period.
F.2.17	Clarification of tender offer after submission Provide clarification of a tender offer in response to a request to do so from the employer during the evaluation of tender offers. This may include providing a breakdown of rates or prices and correction of arithmetical errors by the adjustment of certain rates or item prices (or both). No change in the total of the prices or substance of the tender offer is sought, offered, or permitted. The total of the prices stated by the tenderer shall be binding upon the tenderer.
F.2.18	Provide other material
F.2.18.1	Provide, on request by the employer, any other material that has a bearing on the tender offer, the tenderer's commercial position (including notarized joint venture agreements), preferencing arrangements, or samples of materials, considered necessary by the employer for the purpose of a full and fair risk assessment. Should the tenderer not provide the material, or a satisfactory reason as to why it cannot be provided by the time for submission stated in the employer's request, the employer may regard the tender offer as non-responsive.
F.2.18.2	Dispose of samples of materials provided for evaluation by the employer, where required.
F.2.19	Inspections, tests and analysis Provide access during working hours to premises for inspections, tests and analysis as provided for in the tender data.
F.2.20	Submit securities, bonds, policies, etc. If requested, submit for the employer's acceptance before formation of the contract, all securities, bonds, guarantees, policies and certificates of insurance required in terms of the conditions of contract identified in the contract data.
F.2.21	Check final draft Check the final draft of the contract provided by the employer within the time available for the employer to issue the contract.
F.2.22	Return of other tender documents If so, instructed by the employer, return all retained tender documents within 28 days after the expiry of the validity period stated in the tender data.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

F.2.23	Certificates Include in the tender submission or provide the employer with any certificates as stated in the tender data.
F.2.24	Tenderers are required to submit medical certificate for preference points for People Living with Disability and Central Supplier Database Report will be used for other points claimed
F.3	The employer's undertakings
F.3.1	Respond to clarification Respond to a request for clarification received up to five working days prior to the tender closing time stated in the Tender Data and notify all tenderers who drew procurement documents.
F.3.2	Issue Addenda If necessary, issue addenda that may amend or amplify the tender documents to each tenderer during the period from the date of the Tender Notice until seven days before the tender closing time stated in the Tender Data. If, as a result a tenderer applies for an extension to the closing time stated in the Tender Data, the Employer may grant such an extension and will then notify all tenderers who drew documents.
F.3.3	Return late tender offers Return tender offers received after the closing time stated in the Tender Data, unopened, (unless it is necessary to open a tender submission to obtain a forwarding address), to the tenderer concerned.
F.3.4	Opening of tender submissions
F.3.4.1	Unless the two-envelope system is to be followed, open valid tender submissions in the presence of tenderers' agents who choose to attend at the time and place stated in the tender data. Tender submissions for which acceptable reasons for withdrawal have been submitted will not be opened.
F.3.4.2	Announce at the opening held immediately after the opening of tender submissions, at a venue indicated in the tender data, the name of each tenderer whose tender offer is opened, the total of his prices.
F.3.4.3	Make available the record outlined in F.3.4.2 to all interested persons upon request.
F.3.9	Arithmetical errors Check responsive tender offers for arithmetical errors, correcting them in the following manner: - Where there is a discrepancy between the amounts in figures and in words, the amount in words shall govern. - If a bill of quantities (or schedule of quantities or schedule of rates) applies and there is an error in the line-item total resulting from the product of the unit rate and the quantity, the line-item total shall govern, and the rate shall be corrected. Where there is an obviously gross misplacement of the decimal point in the unit rate, the line-item total as quoted shall govern, and the unit rate will be corrected. - Where there is an error in the total of the prices either as a result of other corrections required by this checking process or in the tenderer's addition of prices, the total of the prices shall govern and the tenderer will be asked to revise selected item prices (and their rates if a bill of quantities applies) to achieve the tendered total of the prices. Consider the rejection of a tender offer if the tenderer does not correct or accept the correction of his arithmetical errors in the manner described above.
F.3.10	Clarification of a tender offer Obtain clarification from a tenderer on any matter that could give rise to ambiguity in a contract arising from the tender offer.
	Consider the rejection of a tender offer if the tenderer does not correct or accept the correction of his arithmetical errors in the manner described above.

SPECIAL CONDITION OF THIS CONTRACT

F.3.19 This contract entails that a successful tenderer allocates or subcontract 30% of work to emerging local contractors and local community enterprise.

F.2.20 This contract will require the successful tenderer to produce guarantees and/or retention in accordance with JBCC contract.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

PART T2: RETURNABLE DOCUMENTS

T2.1. LIST OF RETURNABLE DOCUMENTS

1. RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION PURPOSES

(Tenderer to Insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the tender)

	Tender document name	Returnable	
document			
	<u>PART T2: RETURNABLE DOCUMENTS</u>		
T2.2	Authority to Sign Tender	Yes	
T2.3	Authority for Consortia or JVs to Sign Tender	If JV	
T2.4	Special Resolution of Consortia or JV's	If JV	
T2.5	Joint Venture Involvement Declaration	If JV	
T2.6	Preference Certificate	Yes	
T2.7	Site Inspection Meeting Certificate - (if applicable)	Yes	
T2.8	Tenders Discloser	Yes	
T2.9	Medical Certificate: Confirmation of Permanent Disabled Status	If claimed	
T2.11	Contractor's Safety, Health and Environmental Declaration	Yes	
T2.12	Compulsory Enterprise Questionnaire	Yes	
T2.15	Contracts completed for similar work - Capacity of Tenderer	Yes	
T2.16	Schedule of Plant & Equipment	Yes	
T2.14	Key Personnel - Particulars of Competent Foreman / Construction Manager	Yes	
T2.15	Contractors Registration with Construction Industry Development Board	Yes	
	Priced Bill of Quantities	Yes	

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

2. RETURNABLE SCHEDULES REQUIRED FOR TENDER EVALUATION PURPOSES BUT TO BE SUPPLIED BY THE TENDERER		
<i>(Tenderer to Insert a tick (✓) in the "Returnable document" column to check which documents he/she returned with the tender)</i>		
Tender document name	Returnable document	
Copy of Original, valid SARS PIN certificates (Which will be verified on the CSD) (Attach - Optional)	Yes	
T2.13 Valid letter of good standing for Workman's compensation in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993 (COIDA).	Yes	
Functionality Returnable	Yes	
Original or certified B-BBEE certificate from a SANAS accredited verification agency or a Sworn Affidavit (as attested by the Commissioner of Oaths)	Yes	
CIDB of 9GB	Yes	

3. RETURNABLE SCHEDULES THAT WILL BE INCORPORATED INTO THE CONTRACT		
Tender document name	Returnable	
C1.1 Form of Offer and Acceptance	Yes	
T2.10 Record of Addenda to Tender Documents	Yes	
C1.2 Contract Data	Yes	

4. OTHER DOCUMENTS THAT WILL BE INCORPORATED INTO THE CONTRACT	
Tender document name	
Performance Guarantee	
List of Drawings/Annexure's	
Priced Bill of Quantities	

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

AUTHORITY FOR CONSORTIA OR JOINT VENTURES TO SIGN TENDER

RESOLUTION of a meeting of the Board of *Directors / Members / Partners of:

.....
.....
(Legally correct full name and registration number, if applicable, of the Enterprise)

.....

held at (town)..... on (date).....

RESOLVED that:

1. The Enterprise submits a Tender, in consortium/Joint Venture with the following Enterprises:

.....
.....

.....
(List all the legally correct full names and registration numbers, if applicable, of the Enterprises forming the Consortium/Joint Venture)

to Ithala Development Finance Corporation Ltd in respect of the following project:

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Bid / Tender Number:

2. * Mr. / Mrs. / Ms in

*his/her Capacity as:..... (Position in the Enterprise)

and who will sign as follows:

.....
.....

be, and is hereby, authorized to sign a consortium/joint venture agreement with the parties listed under item 1 above, and any and all other documents and/or correspondence in connection with and relating to the consortium/joint venture, in respect of the project described under item 1 above

3. The Enterprise accepts joint and several liability with the parties listed under item 1 above for the due fulfilment of the obligations of the joint venture deriving from, and in any way connected with, the Contract to be entered into with Ithala in respect of the project described under item 1 above.
4. The Enterprise chooses as its *domicilium citandi et executandi* for all purposes arising from this joint venture agreement and the Contract with Ithala in respect of the project under item 1 above:

Physical address:

Postal Address:

(Postal Code)

(Postal Code)

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

T2.4 SPECIAL RESOLUTION OF CONSORTIUM OR JOINT VENTURES

RESOLUTION of a meeting of the duly authorized representatives of the following legal entities who have entered into a consortium/joint venture to jointly tender for the project mentioned below: (Legally correct full names and registration numbers, of the Enterprises forming a Consortium/Joint Venture) <u>LEGALLY CORRECT FULL NAMES</u> <u>REGISTRATION NUMBER</u>		
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		
held at: _____ (place) on _____ (date)		
RESOLVED that:		
A. The above-mentioned Enterprises submits a Tender in Consortium/Joint Venture to Ithala in respect of the following project: APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE Tender/ Bid Number: _____		
B. Mr./Mrs./Ms.: _____ in *his/her Capacity as: (Position in the Enterprise) and who will sign as follows: 		
be, and is hereby, authorized to sign the Tender, and any and all other documents and/or correspondence in connection with and relating to the Tender, as well as to sign any Contract, and any and all documentation, resulting from the award of the Tender to the Enterprises in Consortium/Joint Venture mentioned above.		
C. The Enterprises constituting the Consortium/Joint Venture, notwithstanding its composition, shall conduct all business under the name and style of: 		
D. The Enterprises to the Consortium/Joint Venture accept joint and several liabilities for the due fulfilment of the obligations of the Consortium/Joint Venture deriving from, and in any way connected with, the Contract entered into with the Department in respect of the project described under item A above.		
E. Any of the Enterprises to the Consortium/Joint Venture intending to terminate the consortium/joint venture agreement, for whatever reason, shall give the Department 30 day's written notice of such intention. Notwithstanding such decision to terminate, the Enterprises shall remain jointly and severally liable to the Department for the due fulfilment of the obligations of the Consortium/Joint Venture as mentioned under item D above.		

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

F. No Enterprise to the Consortium/Joint venture shall, without the prior written consent of the other Enterprises to the Consortium/Joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint Venture and of the Department, cede any of its rights or assign any of its obligations under the consortium/joint venture agreement in relation to the Contract with the Department referred to herein.

G. The Enterprises choose as the *domicilium citandi et executandi* of the consortium/joint venture for all purposes arising from the consortium/joint venture agreement and the Contract with the Department in respect of the project under item A above:

Physical address:

.....

..... (Postal

Code)

Postal Address:

.....

..... (Postal

Code)

Telephone number: (Dialing Code followed by number)

Fax number: (Dialing Code followed by number)

Email Address:

*BOARD OF DIRECTORS / MEMBERS / PARTNERS in Consortium of Joint Venture

	Name	Capacity	Signature
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Note:

- * Delete which is not applicable.
- NB. This resolution / Power of Attorney must be signed by all the Duly Authorized Representatives of the Legal Entities to the Consortium/Joint Venture submitting this Tender.
- Should the number of Duly Authorized Representatives of the Legal Entities joining forces in this Tender exceed the space available above, additional names and signatures must be supplied on a separate page.
- Resolutions duly completed and signed, from the separate Enterprises who participate in this Consortium/Joint Venture must be attached to the Special Resolution.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

T2.5 JOINT VENTURE INVOLVEMENT DECLARATION.

We, the undersigned, are submitting this tender offer in Joint Venture and hereby authorize Mr./MS, authorized signatory of the company acting in the capacity of lead partner, to sign all documents in connection with the tender offer and any contract resulting from it on our behalf.		
NAME OF FIRM	ADDRESS	DULY AUTHORIZED SIGNATORY
Lead partner CIDB registration no		Signature. Name Designation
CIDB registration no		Signature. Name Designation
CIDB registration no		Signature. Name Designation

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

**C.12 PREFERENCE POINTS CLAIM FORM IN TERMS OF
THE PREFERENTIAL PROCUREMENT REGULATIONS 2022**

This preference form must form part of all tenders invited. It contains general information and serves as a claim form for preference points for specific goals.

**NB: BEFORE COMPLETING THIS FORM, TENDERERS MUST STUDY THE
GENERAL CONDITIONS, DEFINITIONS AND DIRECTIVES APPLICABLE
IN RESPECT OF THE TENDER AND PREFERENTIAL PROCUREMENT
REGULATIONS, 2022**

1. GENERAL CONDITIONS

1.1 The following preference point systems are applicable to invitations to tender:

- the 80/20 system for requirements with a Rand value of up to R50 000 000 (all applicable taxes included); and
- the 90/10 system for requirements with a Rand value above R50 000 000 (all applicable taxes included).

1.2 To be completed by the organ of state

- a) The applicable preference point system for this tender is the 90/10 preference point system.
- b) The 90/10 preference point system will be applicable in this tender. The lowest/ highest acceptable tender will be used to determine the accurate system once tenders are received.

1.3 Points for this tender (even in the case of a tender for income-generating contracts) shall be awarded for:

- (a) Price; and
- (b) Specific Goals.

1.4 To be completed by the organ of state:

The maximum points for this tender are allocated as follows:

	POINTS
PRICE	90
SPECIFIC GOALS	10
Total points for Price and SPECIFIC GOALS	100

1.5 Failure on the part of a tenderer to submit proof or documentation required in terms of this tender to claim points for specific goals with the tender will be interpreted to mean that preference points for specific goals are not claimed

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

- 1.6 The organ of state reserves the right to request a tenderer, either before a tender is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) “tender” means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive tendering process or any other method envisaged in legislation;
- (b) “**price**” means an amount of money tendered for goods or services, and includes all applicable taxes less all unconditional discounts;
- (c) “**rand value**” means the total estimated value of a contract in Rand, calculated at the time of bid invitation, and includes all applicable taxes;
- (d) “**tender for income-generating contracts**” means a written offer in the form determined by an organ of state in response to an invitation for the origination of income-generating contracts through any method envisaged in legislation that will result in a legal agreement between the organ of state and a third party that produces revenue for the organ of state, and includes, but is not limited to, leasing and disposal of assets and concession contracts, excluding direct sales and disposal of assets through public auctions; and
- (e) “**the Act**” means the Preferential Procurement Policy Framework Act, 2000 (Act No. 5 of 2000).

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

3.1.1 THE 80/20 OR 90/10 PREFERENCE POINT SYSTEMS

A maximum of 80 or 90 points is allocated for price on the following basis:

80/20	or	90/10	
$P_s = 80 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$	or	$P_s = 90 \left(1 - \frac{P_t - P_{min}}{P_{min}} \right)$	

Where

- P_s = Points scored for price of tender under consideration
- P_t = Price of tender under consideration
- P_{min} = Price of lowest acceptable tender

3.2. FORMULAE FOR DISPOSAL OR LEASING OF STATE ASSETS AND INCOME GENERATING PROCUREMENT

3.2.1. POINTS AWARDED FOR PRICE

A maximum of 80 or 90 points is allocated for price on the following basis:

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

80/20

or

90/10

$$P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right) \text{ or } P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)$$

Where

- P_s = Points scored for price of tender under consideration
 P_t = Price of tender under consideration
 P_{max} = Price of highest acceptable tender

4. POINTS AWARDED FOR SPECIFIC GOALS

- 4.1. In terms of Regulation 4(2); 5(2); 6(2) and 7(2) of the Preferential Procurement Regulations, preference points must be awarded for specific goals stated in the tender. For the purposes of this tender the tenderer will be allocated points based on the goals stated in table 1 below as may be supported by proof/documentation stated in the conditions of this tender:
- 4.2. In cases where organs of state intend to use Regulation 3(2) of the Regulations, which states that, if it is unclear whether the 80/20 or 90/10 preference point system applies, an organ of state must, in the tender documents, stipulate in the case of—
- (a) an invitation for tender for income-generating contracts, that either the 80/20 or 90/10 preference point system will apply and that the highest acceptable tender will be used to determine the applicable preference point system; or
 - (b) any other invitation for tender, that either the 80/20 or 90/10 preference point system will apply and that the lowest acceptable tender will be used to determine the applicable preference point system,
- then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

Table 1: Specific goals for the tender and points claimed are indicated per the table below.

(Note to organs of state: Where either the 90/10 or 80/20 preference point system is applicable, corresponding points must also be indicated as such.)

Note to tenderers: The tenderer must indicate how they claim points for each preference point system.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

specific goals allocated points in terms of this tender			
PRICE – 90 points			
SPECIFIC GOALS – 10 points			
Specific Goal	Percentage of Specific Goal target	Proof / Evidence to be submitted by the tenderer	Points claimed by bidder (Max total of 10)
≥51%Black ownership	2	CSD, CIPC registration	
≥51%Women ownership	2	CSD, CIPC registration	
≥51Youth ownership	3	CSD, CIPC registration - Youth is defined as person under the age of35	
≥25%People living with disability ownership	3	CSD report support by Certificate of disability issued by a medical physician	
Total points for Price and SPECIFIC GOALS	10		

DECLARATION WITH REGARD TO COMPANY/FIRM

4.3. Name of company/firm.....

4.4. Company registration number:

4.5. TYPE OF COMPANY/ FIRM

☐

Partnership/Joint Venture/Consortium

☐

One-person business/sole propriety

☐

Close corporation

☐

Public Company

☐

Personal Liability Company

☐

(Pty) Limited

☐

Non-Profit Company

State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorized to do so on behalf of the

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

company/firm, certify that the points claimed, based on the specific goals as advised in the tender, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct.
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form.
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct.
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –
 - (a) disqualify the person from the tendering process.
 - (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct.
 - (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favorable arrangements due to such cancellation.
 - (d) recommend that the tenderer or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
 - (e) forward the matter for criminal prosecution, if deemed necessary.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

.....

SIGNA TURE(S) OF TENDERER(S)

SURNAME AND NAME:

DA TE:

ADDRESS:

.....

.....

.....

7. T2.7 SITE INSPECTION MEETING CERTIFICATE

33

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

BIDDER'S
DISCLOSURE

SBD 4

**1. PURPOSE OF
THE FORM**

Any person (natural or juristic) may make an offer or offers in terms of this invitation to bid. In line with the principles of transparency, accountability, impartiality, and ethics as enshrined in the Constitution of the Republic of South Africa and further expressed in various pieces of legislation, it is required for the bidder to make this declaration in respect of the details required hereunder.

Where a person/s are listed in the Register for Tender Defaulters and / or the List of Restricted Suppliers, that person will automatically be disqualified from the bid process.

2. Bidder's declaration

2.1 Is the bidder, or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest¹ in the enterprise, employed by the state? **YES/NO**

1.1.1. If so, furnish particulars of the names, individual identity numbers, and, if applicable, state employee numbers of sole proprietor/ directors / trustees / shareholders / members/ partners or any person having a controlling interest in the enterprise, in table below.

¹ the power, by one person or a group of persons holding the majority of the equity of an enterprise, alternatively, the person/s having the deciding vote or power to influence or to direct the course and decisions of the enterprise.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Full Name	Identity Number	Name of State institution

1.2. Do you, or any person connected with the bidder, have a relationship with any person who is employed by the procuring institution? YES/NO

1.2.1. If so, furnish particulars:

.....
.....

1.3. Does the bidder or any of its directors / trustees / shareholders / members / partners or any person having a controlling interest in the enterprise have any interest in any other related enterprise whether or not they are bidding for this contract? YES/NO

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATIONS

I, the undersigned, (name)in
submitting the
accompanying bid, do hereby make the following statements that I certify to be true
and complete in every respect:

3.1 I have read and I understand the contents of this disclosure;

3.2 I understand that the accompanying bid will be disqualified if this disclosure is found
not to be true and complete in every respect;

3.3 The bidder has arrived at the accompanying bid independently from, and without
consultation, communication, agreement or arrangement with any competitor.
However, communication between partners in a joint venture or consortium will not

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

be construed as collusive bidding.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.5 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.6 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.
- 3.7 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

I CERTIFY THAT THE INFORMATION FURNISHED IN PARAGRAPHS 1, 2 and 3 ABOVE IS CORRECT.

I ACCEPT THAT THE STATE MAY REJECT THE BID OR ACT AGAINST ME IN TERMS OF PARAGRAPH 6 OF PFMA SCM INSTRUCTION 03 OF 2021/22 ON PREVENTING AND COMBATING ABUSE IN THE SUPPLY CHAIN MANAGEMENT SYSTEM SHOULD THIS

DECLARATION PROVE TO BE FALSE.

..... Signature	 Date
..... Position	 Name of bidder

² Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

8. T2.10 RECORD OF ADDENDA TO TENDER DOCUMENTS

We confirm that the following communications received from the Employer before the submission of this tender offer, amending the tender documents, have been taken into account in this tender offer:

	Date	Title or Details	
1.			
2.			
3.			
Attach additional pages if more space is required.			
Signed		Date	
Name		Position	
Tenderer			

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

9. T2.11 CONTRACTOR'S SAFETY, HEALTH AND ENVIRONMENTAL DECLARATION

Project title: APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Tender / Bid no:

RFP:

INTRODUCTION

In terms of Regulation 4(4) of the Construction Regulations of August 2014 a Contractor may only be appointed to perform construction work if the Client is satisfied that the Contractor has the necessary competencies and resources to carry out the work safely in accordance with the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of August 2014. In line with this requirement the Contractor is required to read through this document carefully, sign it and submit it with his/her Tender.

DECLARATION

1. I, the undersigned hereby declare and confirm that I am fully conversant with the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of August 2014 and the Generic Construction Safety, Health and Environmental Specifications.
2. I hereby declare that my company and its employees have the necessary competency and resources to safely carry out the construction works under this contract in compliance with the Occupational Health and Safety Act, Act 85 of 1993, the Construction Regulations of August 2014 and the Generic Construction Safety, Health and Environmental Specifications.
3. I hereby confirm that adequate provisions have been made in my tender to cover the cost of all Safety, Health and Environmental duties and responsibilities imposed on me by the Occupational Health and Safety Act, Act 85 of 1993, the Construction Regulations of July 2003 and the Generic Construction Safety, Health and Environmental Specifications.
4. I hereby undertake that if my tender is accepted, to provide before commencement of the Works under the contract or as required by the Conditions of the Contract, a suitable and sufficiently documented Construction Safety, Health and Environmental Management Plan in accordance with Regulation 5(1) of the Construction Regulations of August 2014, which shall be subject to approval by the Client.
5. I confirm that I may not commence with any part of construction work under the contract until my Construction Safety Health and Environmental Management Plan has been approved in writing by the Client.
6. I hereby confirm that copies of the following documentation will be kept on site for viewing and inspection purposes for the duration of the construction work:
 - a) Client's Construction Safety, Health and Environmental Specification.
 - b) Approved Construction Safety, Health and Environmental Plan.
 - c) Occupational Health and Safety Act, Act 85 of 1993.
 - d) Construction Regulations of August 2014.
7. I agree that my failure to complete and execute this declaration to the satisfaction of the Client will mean that I am unable to comply with the requirements of the Occupational Health and Safety Act, Act 85 of 1993 and the Construction Regulations of August 2014, and accept that my tender will be rejected.

Duly signed at.....on this theday
of..... 2024....

Full Name of Signatory

Name of Enterprise.....

Capacity of Signatory.....

Signature of authorized representative of Tenderer.....

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

13. **T2.15 CONTRACTS COMPLETED FOR SIMILAR WORK**

The experience of the tenderer or joint venture partners in the case of an unincorporated joint venture or consortium as opposed to the key staff members / experts in similar projects or similar areas and conditions in relation to the scope of work over the last eight years will be evaluated. A minimum of 5 projects of similar nature must be submitted.

Tenderers should very briefly describe his or her experience in this regard and attach this to this schedule. (The tenderer must use the experience report template below to capture the experience of projects of similar nature)

1. COMPANY NAME, 2. CONTACT PERSON AND 3. TELEPHONE NUMBER	DESCRIPTION OF WORK (PROJECT DESCRIPTION)	CONTRACT VALUE (inclusive of VAT)	DURATION OF CONTRACT	START DATE & FINISH DATE

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

T2.16 SCHEDULE OF PLANT AND EQUIPMENT

The following are lists of major items of relevant equipment that I / we presently own or lease and will have available for this contract or will acquire or hire for this contract if my / our tender is accepted.

After the Tender has been accepted, the Contractor must satisfy the Agent at all times that such plant and equipment, or its equivalent, are on the Works and available for use.

(a) Details of major equipment that is owned by and immediately available for this contract.

Quantity	Description, size, capacity, etc.

Attach additional pages if more space is required.

(b) Details of major equipment that will be hired, or acquired for this contract if my / our tender is acceptable.

Quantity	Description, size, capacity, etc.

Attach additional pages if more space is required.

Signed

Date

Name

Position

Tenderer

T2.17 KEY PERSONNEL

Category	Name	Number

42

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

T2.18 CONTRACTOR REGISTRATION WITH CONSTRUCTION
INDUSTRY DEVELOPMENT BOARD

Please attach Certificate of Contractor Registration issued by the Construction Industry Development Board to this page including for both Contractors where Joint Ventures shall apply

Signed	Date	
Name	Position	
Tenderer		

**ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE**

PART C2: PRICING DATA

JBCC PRINCIPAL BUILDING AGREEMENT EDITION 6.1 MARCH 2014

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

C2.1 PRICING INSTRUCTIONS

Where any item is not relevant to this specific contract, such item is marked N/A (signifying "not applicable") The adjustment of the value of variations shall be calculated in accordance with clause 26.

1 MASSES AND MEASURING UNITS

These shall be in accordance with the Measuring Units and National Measuring Standards Act No. 76 of 1973 and amendments thereto.

2 PRICES FOR VARIATIONS

Where prices or quotations for variations are submitted by the Contractor during the currency of the Contract, it is to be clearly understood that these are for the purpose of consideration by the Project Manager and that there is no assumption of acceptance. The Contractor will be notified of acceptance of prices or quotations either by insertion of the amount on the variation order or by written intimation.

3 SCALE

The scale to which the Drawings are made is only to be made use of when no figured dimensions are given either on the Drawings or in the tender documents and the figured dimensions are always to be followed though they may not coincide with the scale of the Drawings, but dimensions where possible are to be taken from the buildings.

4 BUDGETARY ALLOWANCE ITEMS & PROVISIONAL SUMS

All items described as "Budgetary Allowance" shall be used as directed by the Employer and measured and valued or paid for.

No work for which "Budgetary Allowance" items are allowed shall be commenced without written instructions from the Principal Agent. The contractor is duly informed in this document that the Budgetary Allowance Items are completely subject to the discretion of the employer and will only form part of the contract value once duly authorized by the employer and executed by the contractor to the full satisfaction of the principal agent, irrespective of the fact that the Budgetary Allowance formed part of the contract sum.

5 TIMELY ORDERING OF MATERIALS

The Contractor is warned to place all orders for materials or special articles as early as possible, as he will be held solely responsible for any delay in the delivery of such goods. Nevertheless, this tender is conditional upon no liability being attached to the Contractor if delivery of materials is rendered impossible by reason of any act of the Government.

6 ELECTRICAL LIGHTING, POWER AND WATER REQUIREMENTS

The Contractor shall provide any artificial lighting which may be necessary or required for the proper execution of the works, and provide electric power and water required by all Sub-Contractors, Nominated Sub-Contractors and Sub-Contractors appointed directly by the Employer.

The Contractor shall give all notices and pay all fees in connection with temporary electrical and water connections and shall connect temporary Electrical and Water meters for and pay for all current and water consumed.

Tenderers are advised that the permanent light fittings and water points of any kind installed in the Works are not to be used to provide temporary lighting and supplement water requirements for construction purposes.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

7 IMPORT PERMITS, DUTIES AND SURCHARGES.

All tenders by means of which imported products are being called for must use the rate of exchange 14 days prior to the closing date indicated in the tender documents. If this day falls on a weekend or public holiday, the next working day must be used.

Furthermore, tenderers must submit documentary proof (in the form of a certified copy) from their bank or legally recognized financial institution, clearly indicating what the rate of exchange was 14 days prior to the closing date, as mentioned above.

Together with this, the tenderer must confirm that the tender price relating to an imported product was based on the rate of exchange 14 days prior to the closing date as mentioned above.

8 STANDARD SYSTEM OF MEASUREMENT WHERE BILLS OF QUANTITIES FORM PART OF THE TENDER DOCUMENTS

The work executed under this Contract has been measured in accordance with the sixth (6th) edition of the "Standard System of Measuring Building Work", including all amendments unless descriptions of items indicate a deviation and it shall be understood that the system of measurement which is herein adopted is the only system of measurement which will be recognized in connection with this contract.

Any contradictions to this system of measurement contained in the "Standard Preambles to all Trades" shall be disregarded (unless same have been accommodated in the system of measurement) but applicable rates shall be included for all requirements stated and not measured separately in compliance with this system.

9 PRICING OF ROCK EXCAVATIONS

It is a condition of this tender that should the tenderer elect to price the Rock Excavation included in this tender, the rates must be market related and should be identically priced for the same classification of excavations and not vary for similar billed items in the different sections.

10 BILLS OF QUANTITIES/LUMP SUM DOCUMENT

The Bills of Quantities document forms part of and must be read and priced in conjunction with all the other documents forming part of the contract documents, the Standard Conditions of Tender, Conditions of Contract, Standard Preambles to all Trades, Specifications, Drawings and all other relevant documentation.

11 VALUE ADDED TAX

The tender price must include Value Added Tax (VAT). All rates, budgetary allowances, etc. in the Bills of Quantities must however be net (exclusive of VAT) with VAT calculated and added to the Total Value thereon in the Final Summary.

12 FIXED PRICE CONTRACT

Tenderers are to take note that the contract price adjustments are applicable to this contract, this contract is not a fixed priced contract and will be subject to CPAP.

13 PRICED BILLS OF QUANTITIES

Note that the tenderer must submit the priced bills of quantities in its entirety with his tender submission.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

PROCUREMENT TIMELINES

PROCEREMENT TIMELINES	DATE	TIME
RFP Release Date	26 November 2024	11h00
Compulsory Briefing Session	10 November 2024	11h00
Written questions of clarification – closing date	11 December 2024	16h00
Written response to all clarifications	13 December 2024	16h00
Service Provider Quotations Due	10 January 2025	11h00
Completion of Bid Evaluations	24 January 2025	16h00
Anticipated letter of Award	3 February 2025	16h00
Commencement Date	17 February 2025	09h00

***Indicative dates**

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE



ITHALA DEVELOPMENT FINANCE CORPORATION LTD
PROVISIONAL BILLS
OF QUANTITIES FOR

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO
RETAIL CENTRE

CLIENT:

Ithala Development Finance Corporation Ltd

Address:	PO Box 2801	29 Canal Quay Road
	Durban	Point
	4000	Durban
		4066

PROJECT MANAGER: THULASIZWE PHAKATHI

Ithala Development Finance Corporation Ltd

**NOTE: THIS DOCUMENT MUST BE COMPLETED IN FULL AND RETURNED WITH ALL COMPULSORY
DOCUMENTATION**

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

14. C2.2 BILLS OF QUANTITIES

Item No	Quantity	Rate	Amount
<u>PRELIMINARIES</u>			
<u>SECTION No. 1</u>			
<u>BILL No. 1</u>			
<u>PRELIMINARIES</u>			
<u>BUILDING AGREEMENT AND PRELIMINARIES</u>			
The JBCC Series 2000 Principal Building Agreement (July 2007 edition 4.1) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described The JBCC Principal Building Agreement Contract Data EC and the JBCC Principal Building Agreement Contract Data CE form an integral part of this agreement The ASAQS Preliminaries (November 2007 edition) published by the Association of South African Quantity Surveyors for use with the said JBCC Principal Building Agreement shall be deemed to be incorporated in these bills of quantities Contractors are referred to the above mentioned documents for the intent and meaning of each clause thereof These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this agreement such modifications, corrections or supplements as will apply are given under each relevant clause heading and such modifications, corrections or supplements shall take precedence notwithstanding anything contrary contained in the above mentioned documents. Where any item is not relevant to this specific agreement such item is marked N/A (signifying "not applicable")			
Carried Forward		R	
Section No. 1 Bill No. 1 PRELIMINARIES			

Brought Forward

R

PREAMBLES FOR TRADES

The Model Preambles for Trades (2008 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these **bills of quantities** and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained

Supplementary preambles are incorporated in these **bills of quantities** to satisfy the requirements of this project. Such supplementary preambles shall take precedence over the provisions of the said Model Preambles

The **contractor's** prices for all items throughout these **bills of quantities** must take account of and include for all of the obligations, requirements and specifications given in the said Model Preambles and in any supplementary preambles

PRICING OF PRELIMINARIES

Should the **contractor** select Option A as set out in Section D - Tenderer's selection in the Contract Data, under Clause 26 of **Part 2: CONTRACT DATA COMPLETED BY THE CONTRACTOR (PRINCIPAL BUILDING AGREEMENT: CONTRACT DATA) (JBCC Edition 4.1 - March 2004)** be used for adjustment of Preliminaries then each item priced is to be allocated to one or more of the three categories Fixed, Value related or Time Related and the respective amounts entered in the spaces provided under each item.

Items not priced in these preliminaries shall be deemed to be included elsewhere in these Bills of Quantities.

SECTION A: PRINCIPAL BUILDING AGREEMENT(EDITION 4.1)**Definitions(A1)**

1 Clause 1.0 - Definitions and interpretation

F:..... V:.....
T:.....

Item

Carried Forward

R

Section No. 1
Bill No. 1
PRELIMINARIES

Brought Forward		R
<u>Law, Regulations and Notices</u>		
2	Clause 2.0 F:..... V:..... T:.....	Item
<u>Offer and Acceptance</u>		
3	Clause 3.0 F:..... V:..... T:.....	Item
<u>Assignment and Session</u>		
4	Clause 4.0 F:..... V:..... T:.....	Item
<u>Contracts Documents</u>		
5	Clause 5.0 F:..... V:..... T:.....	Item
<u>Employer's Agents</u>		
6	Clause 6.0 F:..... V:..... T:.....	Item
<u>Design Responsibility</u>		
7	Clause 7.0 F:..... V:..... T:.....	Item
<u>INSURANCE AND SECURITY</u>		
Carried Forward		R
Section No. 1 Bill No. 1 PRELIMINARIES		

Brought Forward			R
<u>Works Risk</u>			
8	Clause 8.0 F:..... V:..... T:.....	Item	
<u>Indemnities</u>			
9	Clause 9.0 F:..... V:..... T:.....	Item	
<u>Insurances</u>			
10	Clause 10.0 F:..... V:..... T:.....	Item	
<u>Security</u>			
11	Clause 11.0 F:..... V:..... T:.....	Item	
<u>EXECUTION</u>			
<u>Duties of the Parties</u>			
12	Clause 12.0 F:..... V:..... T:.....	Item	
<u>Setting Out</u>			
13	Clause 13.0 F:..... V:..... T:.....	Item	
<u>Nominated Sub-Contractors</u>			
14	Clause 14.0 F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES			

[illegible]

		Brought Forward		R	
		<u>DEFECTS LIABILITY PERIOD AND FINAL COMPLETION</u>			
21	Clause 21.0				
	F:..... V:.....		Item		
	T:.....				
		<u>LATENT DEFECTS LIABILITY PERIOD</u>			
22	Clause 22.0				
	F:..... V:.....		Item		
	T:.....				
		<u>REVISION OF THE DATE FOR PRACTICAL COMPLETION</u>			
23	Clause 23.0				
	F:..... V:.....		Item		
	T:.....				
		<u>PENALTY FOR LATE OR NON-COMPLETION</u>			
24	Clause 24.0				
	F:..... V:.....		Item		
	T:.....				
		<u>PAYMENT</u>			
		<u>Payment</u>			
25	Clause 25.0				
	F:..... V:.....		Item		
	T:.....				
		<u>ADJUSTMENT OF CONTRACT VALUE AND FINAL ACCOUNT</u>			
26	Clause 26.0				
	F:..... V:.....		Item		
	T:.....				
		Carried Forward		R	
	Section No. 1				
	Bill No. 1				
	PRELIMINARIES				

		Brought Forward			R
<u>RECOVERY OF EXPENSE AND/OR LOSS</u>					
27	Clause 27.0 F:..... V:..... T:.....	Item			
<u>SUSPENSION AND TERMINATION</u>					
<u>Suspension by the Contractor</u>					
28	Clause 28.0 F:..... V:..... T:.....	Item			
<u>Termination</u>					
<u>Dispute Resolution</u>					
29	Clause 29.0 F:..... V:..... T:.....	Item			
<u>Dispute Resolution</u>					
30	Clause 30.0 F:..... V:..... T:.....	Item			
<u>AGREEMENT</u>					
<u>Agreement</u>					
31	Clause F:..... V:..... T:.....	Item			
<u>SECTION B: PART 1: CONTRACT DATA</u>					
<u>COMPLETED BY THE EMPLOYER(PRINCIPAL</u>					
<u>BUILDING AGREEMENT: CONTRACT DATA)</u>					
<u>(Edition 4.1 March 2004)</u>					
<u>CONTRACT DATA</u>					
		Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES					

	Brought Forward		R	
	<u>TENDER INFORMATION</u>			
32	Project Name F:..... V:..... T:.....	Item		
33	Works Description F:..... V:..... T:.....	Item		
34	Site Description F:..... V:..... T:.....	Item		
35	Employer F:..... V:..... T:.....	Item		
36	Principal Agent F:..... V:..... T:.....	Item		
37	Agents F:..... V:..... T:.....	Item		
	<u>CONTRACT DATA</u>			
38	Law, Regulations and Notices F:..... V:..... T:.....	Item		
39	Contract Documents F:..... V:..... T:.....	Item		
40	Employer's Agents F:..... V:..... T:.....	Item		
	Carried Forward		R	
	Section No. 1 Bill No. 1 PRELIMINARIES			

	Brought Forward		R
41	Insurances F:..... V:..... T:.....	Item	
42	Security F:..... V:..... T:.....	Item	
43	Duties of the Parties = Employer = Site F:..... V:..... T:.....	Item	
44	Nominated Sub-Contractors F:..... V:..... T:.....	Item	
45	Direct Sub-Contractors F:..... V:..... T:.....	Item	
46	Practical Completion/Penalty for Late Completion F:..... V:..... T:.....	Item	
47	Practical Completion F:..... V:..... T:.....	Item	
48	Payment F:..... V:..... T:.....	Item	
49	Dispute Resolution F:..... V:..... T:.....	Item	
<u>Changes made to JBCC Documentation</u>			
Changes made to JBCC document (Refer to changes reflected in the contract data)			
	Carried Forward		R
Section No. 1 Bill No. 1 PRELIMINARIES			

	Brought Forward		R	
	<u>SECTION B: PART 2: CONTRACT DATA COMPLETED BY THE CONTRACTOR (PRINCIPAL BUILDING AGREEMENT: CONTRACT DATA) (JBCC Edition 4.1 March 2004)</u>			
50	Securities F:..... V:..... T:.....	Item		
51	Contractor's Holiday Period during the Construction Period F:..... V:..... T:.....	Item		
52	Contractor's Holiday Period during the Construction Period F:..... V:..... T:.....	Item		
	<u>Payment and Adjustment of Preliminaries</u>			
53	Payment of Preliminaries F:..... V:..... T:.....	Item		
54	Adjustment of Preliminaries F:..... V:..... T:.....	Item		
55	Contract Value Adjusted According to CPAP Indices Application Manual for use with P0151 indices published by Statistics South Africa, dated 1/1/2013 F:..... V:..... T:.....	Item		
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>			
	<u>Section C contains specific preliminary items which apply to this contract except where N/A(Not Applicable) Appears against an item.</u>			
	Carried Forward		R	
	Section No. 1 Bill No. 1 PRELIMINARIES			

Brought Forward

R

CONTRACT DOCUMENTS

- 56 The drawings issued with these Bid documents do not constitute a complete set but serves as a guide only for Bidding purposes indicating the scope of works to enable the Bidder to ascertain the nature and extent of the works and the manner in which they will be executed.

Should any part of the drawings not be clearly legible to the Bidder, before submitting his Bid, obtain clarification in writing from the principal agent.

F:..... V:.....
T:.....

Item

GENERAL PREAMBLES

- 57 The Document Preambles will be the "ASAQS Model Quantity Surveyors – 2008" and is obtainable from the Association of Quantity Surveyors and shall be read in conjunction with the Bill of Materials and be referred to for the full descriptions of quantities and materials to be used.

F:..... V:.....
T:.....

Item

TRADE NAMES

- 58 Wherever a Trade Name for any product has been described in the Bill of Materials the Bidder's attention is drawn to the fact that a product of equal quality may be used subject to the written approval of the principal agent being obtained prior to the closing date of Bids.

If prior written approval for an alternative product is not obtained, a product described shall be deemed to have been Bidded.

F:..... V:.....
T:.....

Item

Carried Forward

R

Section No. 1
Bill No. 1
PRELIMINARIES

	Brought Forward		R
	<u>Imported Material and Equipment</u> Where imported items are listed in the Bid documents, provide all the information called for, failing which the price of any item, material or equipment shall be excluded from current contract prices. (Refer to T2.2 for the Schedule of Imported Equipment) Notwithstanding any provisions elsewhere regarding the contract prices, the price of any item, material or equipment shall be excluded from the Contract Price Provision (CPAP) if applicable. Fixed..... Value related..... Time related.....		
	<u>Existing Premises Occupied</u> 59 Refer to Scope of works Part C3 of this Bid Document for the occupation of existing buildings. F:..... V:..... T:.....	Item	
	<u>Inaccurate and defective work executed under a previous contract</u> 60 The contractor shall, after taking possession of the site, check all levels, lines, profiles and dimensions to satisfy himself as to the dimensional accuracy of all work executed under the previous contract which may affect his work. Should any inaccurate or defective work be found, the contractor shall immediately notify the principal agent in writing and afford every facility to such inaccurate or defective work. F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES		

Brought Forward

R

Viewing of the Site in Security Areas

61

If the site is situated in a security area then the Bidder must obtain permission from the Authorities to enter the site for the purposes.

F:..... V:.....
T:.....

Item

Commencement of Works in Security Areas

62

If the **works** falls within a security area, the **contractor** must obtain permission from the Authorities and give the necessary arrangements for the commencement of the **works**. Should the **contractor** fail to obtain permission, admission to the **site** may be refused and costs will be for the **contractor's** account.

F:..... V:.....
T:.....

Item

Entrance Permits to Security Areas

63

If the **works** fall within a security area, the **contractor** must obtain entrance permits for his personnel and workmen entering the site. The **contractor** shall comply with all regulations and instructions which are issued from time to time regarding the protection of persons and control of the Authority.

F:..... V:.....
T:.....

Item

Carried Forward

R

Section No. 1
Bill No. 1
PRELIMINARIES

	Brought Forward		R
	<u>Security Check of Personnel</u>		
64	The principal agent may require the contractor to have and workmen, or a certain number of them, security classified. In the event of the principal agent requesting the removal of persons from the works for security reasons, the contractor shall forthwith and shall thereafter ensure that such person is denied access to the works and the site and/or to any information relating to the works. F:..... V:..... T:.....	Item	
	<u>Prohibition on Taking of Photographs</u>		
65	In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited for any person to sketch or to take photographs of any military site or installation, building or civil works thereon or to be in possession of or to use any other apparatus used for taking photographs, except with the written authority thereto by or on behalf of the Minister. The same prohibition is also applicable to all Correctional Services in terms of article 44.1(e) of the Correctional Services Act 8 of 1959. F:..... V:..... T:.....	Item	
	<u>EPWP CONDITIONS AND SPECIFICATIONS</u>		
	<u>12.1 EMPLOYMENT TARGETS</u>		
66	<u>C12.1 a Employment Targets</u> The contractor needs to provide a realistic estimate on the number of jobs that the project has the potential to create throughout the duration as the project will be implemented using Labour Intensive Construction methods on elements where it is economical for this construction method. No of jobs to be created = ... F:..... V:..... T:.....	Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES		

Brought Forward			R
67	<u>C12.1 b Employment requirements</u> Tenderers are advised that this contract will be subject to Public Works Program (EPWP) aimed at alleviating and re unemployment. F:..... V:..... T:.....	Item	
68	Tenderers must allow for any costs for the employment of labour as per the requirements of the EPWP program; 1. 55% of unskilled labour to be women 2. 55% of unskilled labour to be youth aged between 18 3. 2% of unskilled labour to be people living with disability 100% Unskilled labour utilised must reside within the boun Municipality ward where this contract is executed, with pre local community closest or at the walking distance to the Wherever possible local skilled tradesmen are to be emplo contract with the view to maximize utilization of local resou <u>C12.1 c Labour rate and payment intervals</u> The contractor should ensure that labour rate paid to unski labour is commensurate to the daily task. When determinir consideration should be given to that EPWP participants bread winners in their families, as the program intends alle poverty. There should also be consideration that the labou promotes creation of expanded number of jobs created and of work. Contractors should make endeavours to ensure that labour particularly unskilled are remunerated on fortnight basis and notification be made should there be a shortfall on their wa The labour rate for local unskilled shall also be determined consideration of the location of the project, i.e. for projects in urbanized municipalities will not be the same as that for municipalities. F:..... V:..... T:.....	Item	
Carried Forward			R
Section No. 1 Bill No. 1 PRELIMINARIES			

	Brought Forward <u>Labour Intensive Construction Method</u> 69 12.2 LABOUR INTENSIVE CONSTRUCTION METHOD <u>C12.2 a Labour Intensive Construction (LIC) method</u> On site there must a person(s) having competency in man: implementing LIC methods. *Foreman @ NQF Level 4 the Unit Standard on Implemer methods on site. *Site Agent/ Managers @ NQF level 5 the Unit Standard Labour-Intensive Skills Programme both must be CETA ac F:..... V:..... T:..... 70 <u>C12.2 b Labour Intensive Construction Method</u> Those parts of the contract to be constructed using Labour methods will be marked in the BoQ with letter LI (indicating Intensive) against every item so designated. Such works constructed using method so indicated. Reference to be made to Guidelines for the implementation Intensive Infrastructure projects under EPWP. "Scope of of Work Relating to the Expanded Public Works Programr F:..... V:..... T:..... Carried Forward Section No. 1 Bill No. 1 PRELIMINARIES	Item Item	R R	
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Brought Forward

R

Record Keeping

71

C12.3 RECORD KEEPING

12.3.1 Every employer must keep in the project site office minutes of site progress minutes; contractors' monthly site reports; accurately recorded attendance register; proof of means to verify authenticity of data in the EPWP Participar submitted with payment certificates. Copies of submitted Participants data forms should also be kept in the site office should be kept consisting of data as per the EPWP project

F:..... V:.....
T:.....

Item

72

12.3.2 The employer must keep this record for a period of (3) years after the completion of the project in his/her office site office would have been relocated.

This should be safely kept for job creation data verification periodical audits on projects conducted by National and Pr Department of Public Works after one (1) or two (2) quarters submitting captured EPWP data to the National EPWP Co Department.

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T:.....

Item

Carried Forward

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Section No. 1
Bill No. 1
PRELIMINARIES

Brought Forward

R

EPWP REPORTING as per EPWP DATA FORM

73

At the end of each month as part of site progress report attached to every contractors' progress payment certificate contractor shall provide the principal agent & Employer with records, as per EPWP data form; which will be reflecting, full name & surname; ID No and job description of labour main contractor and sub-contractors on site. At the end of the contractor must submit the following documents to be Progress payment certificate:

1. EPWP monthly data collection form
2. Worker monthly payment upload
3. Worker monthly proof of payment i.e
 - 3.1 Acknowledgement of receipt of payment or
 - 3.2 Payslips
 - 3.3 Bank statement highlighted the workers paid
4. Worker monthly training form
5. Monthly attendance register
6. Certified copies of ID's (once off)
7. ID size photos (once off)
8. Proof of UIF
9. Proof of COIDA

C12.5 EPWP PROMOTION**12.5.1 EPWP signage board**

EPWP Program at the project level shall always be promoted. The project shall have the project's signage board that embraces the EPWP logo. The correct measurement for this signage board will be provided by the project leader during the site handing over meeting. The standard "HELVETICA MEDIUM" letters are to be used. Professional lettering 10 mm above line. Line thickness to be 8 mm thick. Space between bottom of the line and bottom of the lettering below the line 10 mm. Letter sizes are as follows: Helvetica medium 100 mm for project name and owner. Helvetica medium 100 mm upper case only to be used for professional titles. Project owner shall be black lettering on white background. Board follows: Board to be minimum 2000mm from ground level. Constructed from reinforced formed chromadek panels minimum 10mm thick chromadek. The contractor is responsible for ensuring the project board remains neatly and safely erected for the full duration including maintenance period, after which the project board is to be dismantled and handed to the Employer in good order.

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Item

Carried Forward

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Section No. 1
Bill No. 1
PRELIMINARIES

74	Brought Forward <u>12.5.2 Branding of labour apparel</u> Contractor & Sub-contractors' labourers shall be provided branded Personal Protective Equipment (PPE), reflector vest and armband. The wording at the back is an ideal and cost effective means of identification program on site. The contractor is then advised to price for both item 5.1 and 5.2 F:..... V:..... T:..... <u>COMMUNITY LIAISON OFFICER(CLO)</u> <u>UTILISATION OF A COMMUNITY LIAISON OFFICER</u> 75 The Contractor shall allow for and pay any and all costs necessary for the engagement of the services of a Community Liaison Officer for the full duration of this contract A CLO will be identified by the local structures of the ward and appointed following fair and transparent interviewing process conducted in the presence of local structures and the contractor representative, in order to assist the Contractor in the procurement of local labour, etc. required for this project. The Contractor shall support the CLO and afford him any assistance needed in ensuring good working relations with the local community. Key Responsibilities of the CLO are envisaged to include the following which necessary be limited to: 1. Assisting local leadership in conducting skills and resource survey which facilitates sourcing labour from within the ward or town for employment, as required by contractor. 2. Assisting in sourcing labour-only domestic sub-contractor and procurement of materials from local resources, as required by contractor. 3. Assisting the contractor by identifying areas of potential threats to the project or to stakeholders in the project and recommending appropriate action to the contractor. 4. Assisting contractor and stakeholders in the project in the event of any conflict which may arise. 5. Establishing and ensuring that sufficient and open communication channels between the contractor and the work force are maintained. Carried Forward Section No. 1 Bill No. 1 PRELIMINARIES	Item	R	
			R	

Brought Forward 6. Establish and ensuring that efficient and open communication channels between the contractor and the community are 7. Identifying and reporting to the Contractor regarding issues where communication between stakeholder is necessary, recommending action and facilitate such communications 8. Assisting the Contractor and the work force in the establishment of grievance procedures and necessary recommendation to regarding the grievances and solution thereto. 9. Attending to site meetings and project implementation required by the Contractor and prepare periodic reports as required by the Contractor from time to time. 10. Attending to such other duties which are consistent with the duties of a CLO, as may be required by the Contractor from time to time Tenderers are to price twice the rate of unskilled local labour for this item for any and all costs arising out of compliance with this item and in the event of a Tenderer failing to price against this inadequate financial provision against this item for compliance aforesaid, then no claim for costs or additional cost incurred shall be entertained by the Head: Works F:..... V:..... T:.....			R
Carried Forward Section No. 1 Bill No. 1 PRELIMINARIES	Item		R

Brought Forward		R
<u>SKILLS DEVELOPMENT ON SITE</u>		
76	Contractor in conforming to the object of EPWP that its personnel to be capacitated with skills that will render them employable in the future. It is then the responsibility of the contractor that maximum skills are provided to 100% of workforce on site and on the labourers from whom the potential for further development is identified. The latter is not mandatory to all as it covers technical skills. Contractor should also make provision for the possibility that there be local youth that will need to be placed on the project who will to be provided support towards improving their level of construction productivity. Contractor shall also provide all necessary on-the-job training to labour to enable such labour to master and advance on technical skills required to undertake the work in accordance with requirements of the contract in a manner that does not compromise workers health and safety. F:..... V:..... T:.....	
Item		
Carried Forward		R
Section No. 1 Bill No. 1 PRELIMINARIES		

Brought Forward

R

LABOUR ONLY Sub Contracting for local Emerging

77

Tenderer's are advised that this contract is subject to the Public Works Programme (EPWP) and the following criteria:

African Equity Ownership

a) The Tenderer is to allow for 5% of the total value of undertaken by a Priority Population Group. This percentage the costs of employing local unskilled labour. The allocation percentage from the Project, the screening of people, the skills, will be for the Contractor to adjudicate.

b) The Priority Population Group consists of women, young disabled people.

c) The Contractor is to give first option for prospective surrounding areas of the Project. Should there be insufficient people fitting the criteria of PPG's, the Contractor may hire further afield. This is to be done only after consultation with Department of Works EPWP Co-ordinator and the Community Officer (CLO).

d) A Mentor is to be employed by the Contractor, in conjunction with the Department of Works for the purposes of quality control between the Contractor and the selected PPG's on site. The Contractor is to be responsible for ensuring an acceptable level of quality and that such work carried out by the PPG's is executed within the time frames stipulated.

In so far as possible, the Contractor is encouraged to expand skills, knowledge and performance levels.

F:..... V:.....
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Item

Carried Forward

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Section No. 1
Bill No. 1
PRELIMINARIES

Brought Forward

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TENDERER'S TO NOTE CONDITIONS

- 78 a) The contract to be entered into between the Contractor will be a LABOUR ONLY sub-contract.
- b) The Contractor will be responsible for ensuring that all use by the PPG's in the works are to be on site timeously. Contractor shall liaise with The Mentor and PPG to determine and extent of materials required and the lead time necessary.
- c) The Contractor shall be responsible for the overall programme of Works and he is to allow for monitoring the PPG's programme progress.
- d) In conjunction with the Mentor, he is to allow for the supervision (where necessary) of the PPG to ensure quality adherence to standard building practice
- e) The Contractor is to allow for extra storage facilities on PPG's tools and equipment.
- f) Basic tools shall be provided by the PPG's and where they are available; the Contractor will supply him with the necessary equipment and deduct the costs thereof from the interim payments to the PPG.
- g) Work requiring specialized tools will be provided free of charge to the Contractor with the provision that these be returned upon completion of the Work.

CO-ORDINATION

The Contractor is to co-ordinate the work of all the PPG's, Sub-Contractors and Nominated Sub-Contractors appointed by the Employer in such a manner and at all times as will suit the programme and he is to allow adequate access, for the PPG's required, to carry out their work in an efficient manner as far as possible. Any extras in this connection will be entertained.

F:..... V:.....
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Item

Carried Forward

R

Section No. 1
Bill No. 1
PRELIMINARIES

Brought Forward

R

ATTENDANCE

- 79 The Contractor may allow for attendance upon the PPG's execute the work. The Contractor is to allow the PPG's the scaffolding belonging to him while it remains so erected on

Where scaffolding is necessary for the use by any PPG and Contractor has not erected any for his own use or has removed after his own use, the Contractor shall supply sufficient scaffolding for the PPG to be erected and dismantled by the PPG and returned to the Contractor.

This attendance upon PPG's to execute the work is to include scaffolding provisions as aforesaid and, in addition, is to include operating to the fullest extent with all the parties, attending materials, providing suitable storage for tools and materials for the PPG's, use of general facilities such as latrines, etc., supply of power, lighting, water and the like.

F:..... V:.....
T:.....

Item

EPWP CONTRACT FOR LABOUR

- 80 It is compulsory that shortly after the contractor and or sub appointed local labour, the employment contract should be entered into by both parties, prior to commencement with works on site. The employment contract forms part of the Ministerial Determination of the regional EPWP officials. Each contract will lapse at the end of the financial year therefore requiring the Contractor to do a re tender contract should the need of employment still exist for that labourer.

F:..... V:.....
T:.....

Item

Carried Forward

R

Section No. 1
Bill No. 1
PRELIMINARIES

81	Brought Forward <u>EPWP SCOPE OF WORKS</u> Note: Contractors are to price any item on the Bill of Quantities bearing in mind that they are regarded as main sources whether sub contracted or undertaken by the main contrac Elements on the scope of work where application of Labou Construction methods as will indicated with letters (LI) are feasible are as follows; i) Excavating trenches for foundations and any other the depth not more than 1.5 m ii) All masonry works which include concrete mixing on plastering; screed works; jointing; etc. iii) Painting, Plumbing, Ironmongery; roof cladding; glazi carpentry; flooring; waterproofing; etc. iv) External works such as landscaping; cleaning; paving tarmac; etc. F:..... V:..... T:..... Carried Forward Section No. 1 Bill No. 1 PRELIMINARIES	Item	R	
82	<u>UIF and COIDA Requirements</u> UIF Evidence to confirm that UIF for participants has been paid employment duration. - EMP 201 (Monthly Employers Declaration) that was submitted to SARS as well as a copy of the blank records where this reflected. F:..... V:..... T:.....	Item		

83	Brought Forward COIDA Evidence that the participants of the project are included Body's monthly provisions for COIDA (provisions being made on a monthly basis for the financial year): - Documented evidence would be a schedule showing which include an account/allocation for participants. - Evidence that the Contractor submitted its return of wages - Evidence that the Contractor paid the relevant contribution required by the Compensation Commissioner's assessment F:..... V:..... T:.....		R	
84	Note: It is a general requirement of this contract that persons not in the ward of the works (local labour) be given preference employment on the contract. Provided, however, that should and appropriate labour not be available within the ward, other employed subject to satisfactory proof being provided that reasonable endeavour has been made to employ local labour (Sub-contractor(s); Skilled; Semi-Skilled and Unskilled). The contractor shall in consultation with the local community leaders with negotiating with them regarding the utilization of local resources in the construction process. In this regard, the contractor shall give preference, wherever possible to the employment of single households, women and youth as well as families declared indigent by War on Poverty/ Sukuma Sakhe program profile. The contractor should aim, in general, to maximise the involvement of local community, however workers from other communities should not exceed 20% of all persons working on the project, where employees possess skills at level of competency that meet requirements. <u>Payment for the labour-intensive component of the works</u> Payment for works identified in the Scope of Work as being labour-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the Scope of Work. Any non-payment for such works shall not relieve the Contractor in any way from his obligations under the contract or in default. <u>Linkage of payment for labour-intensive component of works to submission of project data</u>	Item	R	
	Carried Forward Section No. 1 Bill No. 1 PRELIMINARIES			

Brought Forward The Contractor's payment invoices shall be accompanied information for the corresponding period in a format specific employer. If the contractor chooses to delay submitting payment invoices, labour returns shall still be submitted as per frequency timeframe stipulated by the Employer. The contractor's invoice be paid until all pending labour information has been submitted <u>Applicable labour laws</u> The current Ministerial Determination (also downloadable www.epwp.gov.za) Expanded Public Works Programmes, terms of the Basic Conditions of Employment Act of 1997 of Labour in Government Notice , shall apply to works described scope of work as being labour-intensive and which are undertaken by unskilled or semi-skilled workers. F:..... V:..... T:.....			R
Carried Forward Section No. 1 Bill No. 1 PRELIMINARIES	Item		R

	Brought Forward <u>HIV/AIDS Awareness</u> 85 It is required of the contractor to thoroughly study Specification (HIV 1 to HIV 4) of the Department of Public must be read together with and is deemed to be incorporated section of the Bills of Quantities. Provision for pricing awareness is made under C13.1 to C13.5 hereafter and pointed out that all requirements of the aforementioned deemed to be priced hereunder, as the said items represent method of measurement and no additional items or extras in this regard shall be entertained. The contractor must take note that compliance with Specification is compulsory. In the event of partial compliance, the principal agent, notwithstanding the provision A31 of Section 1: Preliminaries (Section A) or any other contrary, reserves the right to delay issuing any progress certificate until the contractor provides satisfactory proof. The contractor shall not be entitled to any compensation nature, including interest, due to such delay. The contractor's attention is drawn to paragraph Specification For HIVAids Awareness - A penalty Contract Sum for non-compliance can be levied. F:..... V:..... T:..... Item <u>Awareness Champion</u> 86 Selection, appointment, briefing and making available of Champion including provision of all relevant services, all with the HIV/AIDS Specification. F:..... V:..... T:..... Item		R	
	Carried Forward Section No. 1 Bill No. 1 PRELIMINARIES		R	

	Brought Forward			R
	<u>Awareness Workshop</u>			
87	Selection and appointment of a Competent Service Provider as the principal agent, provision of a Service Provider Workshop and a suitable venue, conducting of awareness workshop using traditional and/or modern multi-media techniques, including courses, making available all tuition material and performing procedures, all in accordance with the HIV/AIDS Specification. F:..... V:..... T:.....	Item		
	<u>Poster, Booklets, Videos, etc</u>			
88	Provision, displaying, maintaining and replacing when necessary plastic laminated posters, booklets and educational videos for the duration of the construction period, all in accordance with the Specification. F:..... V:..... T:.....	Item		
	<u>Access to Condoms</u>			
89	Provision and maintenance of condom dispensers fixed in place including male and female condoms, replenish male and female condoms on a daily basis as required for the duration of the construction period, all in accordance with the HIV/AIDS Specification. F:..... V:..... T:.....	Item		
	Carried Forward			R
	Section No. 1 Bill No. 1 PRELIMINARIES			

Brought Forward		R
<u>Monitoring</u>		
90	Monitoring HIV/AIDS awareness of workers, providing the with access to information including making available thoroughly completed and reflecting the correct information duration of the construction period, all in accordance with Specification.	
	F:..... V:..... T:.....	
	Item	
<u>Occupational Health and Safety Act No.85 of 1993</u>		
91	Tenderers are to allow for costs in providing a project specific Construction Phase Safety, Health and Environmental Plan in accordance with "Section 2 - Specification Data associated with 1921-1:2004" clause C4.18 in "Part C3 - Scope of Work"	
	F:..... V:..... T:.....	
	Item	
<u>Notice Board, Site office, etc</u>		
92	Bidders are to allow for the provision and removal of board and a site office in accordance with the Project requirements (See clause 12.2.18 of PBA)	
	F:..... V:..... T:.....	
	Item	
Carried Forward		R
Section No. 1 Bill No. 1 PRELIMINARIES		

[illegible]

Brought Forward		R
<u>Overtime</u>		
96	Should overtime be required to be worked for any reason the costs of such overtime are to be borne by the contractor. The Engineer/principal agent has specifically authorised in writing the execution thereof, that costs for such overtime are to be borne by the employer. F:..... V:..... T:.....	Item
<u>As Built Drawings</u>		
97	The position of construction breaks and the extent of individual pours are to be recorded by the contractor on the structural drawings and are to be submitted to the Engineer/principal structural engineer for their records. F:..... V:..... T:.....	Item
<u>Site Instruction</u>		
98	Site instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor. F:..... V:..... T:.....	Item
<u>Labour Records</u>		
99	At the end of each week the contractor shall provide the Engineer with a written record, in schedule form, reflecting the description of tradesmen and labourers employed by him on the works each day. F:..... V:..... T:.....	Item
Carried Forward		R
Section No. 1 Bill No. 1 PRELIMINARIES		

	Brought Forward		R
100	<i>Note: In the event that the contractor fails to satisfy the req this specification, the Employer may apply any of the sanc in the contract. Sanctions may include the application of a penalty of .04% of the Contract Sum per calendar day of required report has not been submitted.</i>		
		Item	
	<u>Plant Record</u>		
101	At the end of each week the contractor shall provide the with a written record, in schedule form, reflecting the nur capacity of all plant, excluding hand tools, currently used F:..... V:..... T:.....		
		Item	
	<u>Non Cession of Monies</u>		
102	The contractor shall not cede nor assign his rights or monies due or to become due under this contract. F:..... V:..... T:.....		
		Item	
	<u>Sectional Completion</u>		
103	When it is required that the contract be executed in sectic the tenderer shall allow for all costs in this regard as additional costs will be entertained. F:..... V:..... T:.....		
		Item	
	Carried Forward		R
	Section No. 1 Bill No. 1 PRELIMINARIES		

	Brought Forward			R
	<u>Import Permits and Duties</u>			
104	The responsibility for obtaining the necessary import permit will be with the successful Tenderer. No foreign exchange will be provided by the Administration. Tenderers are to allow in their tenders and pay the ordinary rates on imported items in terms of item 196.10 of Part 8 of Schedule 1 of the Customs and Excise Act, 1964 with effect from 1 October 1994. F:..... V:..... T:.....	Item		
	<u>Local Labours</u>			
105	It is a general requirement of this contract that persons not residing in the locality of the works (local labour) be given preference for employment on the contract. Provided, however, that should suitable and appropriate labour not be available within the locality, the Contractor may employ subject to satisfactory proof being provided that a reasonable endeavour has been made to employ local labour. The Contractor shall identify the local community leaders with a view to negotiating with them regarding the utilization of local labour in the construction process. In this regard, the Contractor shall give preference, wherever possible to the employment of households, women and youth. The Contractor shall maximize the involvement of the local community. F:..... V:..... T:.....	Item		
	Carried Forward			R
	Section No. 1 Bill No. 1 PRELIMINARIES			

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 1</u>			
	<u>EARTHWORKS</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.104) unless otherwise stated			
	<u>EXCAVATIONS</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	Ground Beam	m3	859	
2	Holes	m3	260	
	<u>Extra over all excavations for carting away</u>			
3	Surplus material from excavations and/or stock piles on site to a dumping site situated approximately 10km from the building site	m3	592	
	<u>Risk of collapse of excavations</u>			
4	Sides of trench and hole excavations not exceeding 1,5m deep	m2	1,523	
	<u>Keeping excavations free of water</u>			
5	Keeping excavations free of water other than subterrenean	Item		
	<u>FILLING ETC</u>			
	Carried Forward		R	
	Section No. 2			
	Bill No. 1			
	EARTHWORKS			

Brought Forward			R
<u>Earth filling obtained from the excavations and/</u> <u>prescribed stockpiles on site compacted to 95%</u> <u>Mod ASSHTO density</u>			
6	Backfilling to trenches,holes etc	m3	206
<u>Prescribed density tests on filling</u>			
7	"Modified AASHTO Density" test	No	30
<u>SOIL POISONING</u>			
<u>Soil insecticide</u>			
8	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	4,805
9	To bottoms and sides of trenches etc	m2	1,955
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 1			
EARTHWORKS			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO 2</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>CONCRETE</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities. No claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.110) unless otherwise stated</u>			
	<u>UNREINFORCED CONCRETE</u>			
	<u>FOUNDATIONS</u>			
	<u>UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>15Mpa/20mm concrete</u>			
1	Blinding	m3	10	
	<u>REINFORCED CONCRETE</u>			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>30MPa/20mm concrete</u>			
2	Surface beds cast in panels on waterproofing (elsewhere measured)	m3	961	
3	Vanity slabs, cupboard slabs, cover slabs, etc	m3	1	
	Carried Forward			
	Section No. 2			
	Bill No. 2			
	CONCRETE, FORMWORK AND REINFORCEMENT			

R

CONSTRUCTION OF NDUMO RETAIL CENTRE

Brought Forward			R
4	Stub Column	m3	31
5	Pad footings	m3	231
6	Bases	m3	205
<u>SUPERSTRUCTURE</u>			
<u>REINFORCED CONCRETE</u>			
<u>30MPa/20mm concrete</u>			
7	Slabs, including beams and inverted beams	m3	36
<u>TEST CUBES</u>			
8	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	50
<u>CONCRETE SUNDRIES</u>			
<u>Finishing top surfaces of concrete smooth with a power float</u>			
9	Surface beds, slabs, etc	m2	4,805
<u>FORMWORK</u>			
<u>Rough formwork to sides</u>			
10	Stub Columns	m2	249
<u>Rough formwork to soffits</u>			
11	Slabs propped up not exceeding 1.5m not high	m2	7
12	Slabs Propped up not exceeding exceeding 3.5m	m2	212
<u>MOVEMENT JOINTS ETC</u>			
<u>Saw cut joints</u>			
13	3 x 30mm deep saw cut joints on top of concrete	m	432
Carried Forward			R
Section No. 2 Bill No. 2 CONCRETE, FORMWORK AND REINFORCEMENT			

Brought Forward			R
<u>Vertical joggle construction joints through concrete, including thick cement slurry to one face (sealing compound, backing cord, bond breaker, etc, measured elsewhere)</u>			
14	Surface beds not exceeding 300mmm thick	m	421
<u>Isolation joints (sealing compound, backing cord, bond breaker, etc, measured elsewhere)</u>			
15	6 x 20mm deep Isolation joint in surface beds	m	1,636
<u>REINFORCEMENT</u>			
(CPAP Work Group No. 114)			
<u>High tensile steel reinforcement to structural concrete work</u>			
16	Various Diameter bars	t	58.38
<u>Fabric reinforcement</u>			
17	Type 245 fabric reinforcement in concrete surface beds, slabs, etc	m2	4,805
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 2			
CONCRETE, FORMWORK AND REINFORCEMENT			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BUILDING WORKS</u>			
<u>BILL NO: 3</u>			
<u>MASONRY</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplentary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.118) unless otherwise stated</u>			
<u>FOUNDATIONS (PROVISIONAL)</u>			
<u>Brickwork of NFP bricks 1(4mpa minimum compressive strength) in class II mortar</u>			
1	One brick walls	m2	769
<u>Brickwork reinforcement</u>			
2	150mm Wide reinforcement built in horizontally	m	3,076
<u>SUPERSTRUCTURE</u>			
<u>Brickwork of NFP bricks (14mpa minimum compressive strength) in class II mortar</u>			
3	Half brick walls	m2	592
4	One brick walls	m2	6,105
5	Parapet Walls	m2	236
<u>WALL CLADDING</u>			
Carried Forward			R
Section No. 2 Bill No. 3 MASONRY			

Brought Forward			R
<u>Stone wall cladding (PC Sum of R 300.00/m2 delivered to site) as supplied by Durastone or similar approved</u>			
6	Split face stone wall cladding to external walls build in mortar as per suppliers instructions	m2	167
<u>Brickwork reinforcement</u>			
7	75mm Wide reinforcement built in horizontally	m	2,368
8	150mm Wide reinforcement built in horizontally	m	6,341
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 3			
MASONRY			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BUILDING WORKS</u>			
<u>BILL NO. 4</u>			
<u>WATERPROOFING</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplentary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.120) unless otherwise stated</u>			
<u>DAMPPROOFING OF WALLS AND FLOORS</u>			
<u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course in</u>			
1	In walls	m2	253
<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
2	Under surface beds	m2	4,805
<u>JOINT SEALANTS ETC</u>			
<u>Silicone sealing compound including backing cord, bond breaker, primer, etc</u>			
3	6 x 10mm in saw cut joints in floors	m	432
<u>WATERPROOFING TO WALLS, ROOFS, ETC</u>			
Carried Forward			R
Section No. 2 Bill No. 4 WATERPROOFING			

Brought Forward			R
<u>Coprox or similar waterproofing</u>			
4	To top of walls in narrow widths	m2	80
<u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>			
<u>4mm "Derbigum SP" waterproofing</u>			
5	On flat floors	m2	212
Carried Forward to Summary of Section No. 2 Section No. 2 Bill No. 4 WATERPROOFING			R

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 5</u>			
	<u>ROOF COVERINGS ETC</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.124) unless otherwise stated			
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
	<u>Roof coverings</u>			
	<u>0.6mm AZ150 "SAFINTRA SAFLOCK" or equivalent roof sheets laid at 7 degrees slope on structural steel trusses all to engineer's designs laid at 1m center to center</u>			
1	On roofs not exceeding 25 degrees pitch	m2	6,009	
	<u>ROOF AND WALL INSULATION</u>			
	<u>50mm Isolite-WL reinforced aluminium foil bonded insulation</u>			
2	50mm insulation fixed to the underside of the roof sheet.	m2	6,009	
	Carried Forward to Summary of Section No. 2			
	Section No. 2			
	Bill No. 5			
	ROOF COVERINGS			

R

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BUILDING WORK</u>			
<u>BILL NO. 6</u>			
<u>CARPENTRY AND JOINERY</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.126) unless otherwise stated</u>			
<u>DOORS, ETC</u>			
<u>Semi Solid doors with exposed hardwood edge strips hung to steel frames</u>			
1	44mm thick semi solid hardwood Door 2160 x 883mm high with 3.2mm tempered hardboard facings with meranti glazing beads and hardwood lipped on all edges	No	24
2	Ditto but 873 x 2065 mm high (D2)	No	13
<u>Rhange Rooms</u>			
<u>Laminated Saligna</u>			
3	25 x 500 x 482mm High wooden bench comprising tops, bottoms, sides, divisions, brackets, etc. screwed to steel frame all as per Architectural drawings.	m	4
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 6			
CARPENTRY AND JOINERY			

Brought Forward			R
	<u>"DONN"600 x 600m x 15mm thick suspended square edge moisture resitant ceiling tiles (Neeedle Version)mineral wool ceiling tiles or equivalent pre-painted acoustic panels or "equivalent" pre-painted exposed tee suspension system or "equivalent" including main and cross tees necessary hangers, grids, etc</u>		
2	Horizontal ceilings suspended not exceeding 1m below timber purlins	m2	198
	<u>"Bulk Head Ceilings "equivalent" 300mm Deep Drop Head Bulk Ceiling Skim Plaster Finish 6mm thick Everite Nutec Ceiling Boards fix to 38 x 38 timber bulk head structure and battens using 32 x 2.5mm serrated ceilings nails at 150mm centrers including main and cross tees necessary hangers, grids, etc</u>		
3	Bulkhead ceilings suspended not exceeding 1m below timber purlins	m2	967
	<u>12.5mm tapered edge ceiling boards secured to Donn suspended steel grid system suspended from concrete slab with 25 x 25 metal angle hangers and skimmed with a rhinolite or cretestone plaster to ensure smooth unblemished ceiling surface all done as per manufacturers requirements</u>		
4	Extra over ceiling for 813 x 300mm trap door of 813 x 300mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	10
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 7			
CEILINGS,PARTITIONS ETC			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 9</u>			
	<u>IRONMONGERY</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.132) unless otherwise stated			
	<u>HINGES, BOLTS, ETC</u>			
	<u>"Dorma"</u>			
1	Stainless steel hinges,(Ref HBSFM)	No	48	
	<u>CATCHES, CABIN HOOKS, ETC</u>			
2	75mm chromium plated coat hooks (Ref DHC-SS-031B)	No	5	
	<u>LOCKS</u>			
	<u>"Dorma"</u>			
3	Cylinder dead lock (Ref D037D SS)	No	30	
	<u>"EN-SUITE" LOCKS</u>			
	<u>"Dorma"</u>			
4	Bathroom WC indicator (red and white) with 79mm turnknob, (Ref DWC-005)	No	22	
5	Disabled WC indicator (red and white) turnknob for phsyical impaired, (Ref DWC-006)	No	1	
	Carried Forward			
	Section No. 2			
	Bill No. 8			
	IRONMONGERY			
			R	

Brought Forward			R
<u>HANDLES</u>			
<u>"Dorma"</u>			
6	Exterior access lock with lever handle (Ref PHT3901)	No 48	
<u>PUSH PLATES AND KICKING PLATES</u>			
<u>"Dorma"</u>			
7	150 x 300 x 1.2mm stainless steel blank push plate with no cut outs (Ref DPP-SS-BL 150x300)	No 14	
<u>DOOR CLOSER</u>			
<u>"Dorma"</u>			
8	TS91B 3 cma action slide channel NON HOLD OPEN door closer - hydraulic speed control, with pull side door leaf fixing and push side transom fixing (Ref TS91B)	No 48	
<u>LETTERS, NAMEPLATES, ETC</u>			
9	150 x 150 x 3mm thick aluminium pictogram engraved with fire extinguisher sign for each fire extinguisher.	No 20	
10	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a disabled person sign, Ref DSS-133 P	No 1	
11	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a male/female sign, Ref DSS-132 MF	No 2	
12	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a male sign, Ref DSS-130 M	No 2	
13	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a fire hose reel sign, Ref DSS-145	No 10	
14	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a tea cup sign, Ref DSS-135 TC	No 3	
<u>SUNDRIES</u>			
<u>"Dorma"</u>			
15	DDS-NP-018 nickel-plated floor mounted door stop	No 48	
Carried Forward			R
Section No. 2 Bill No. 8 IRONMONGERY			

Brought Forward			R
<u>BATHROOM FITTINGS</u>			
<u>"Dorma"</u>			
16	Chromium plated thief proof toilet roll holders	No	20
17	Toilet roll dispenser	No	20
18	Liquid soap dispenser	No	6
19	32mm stainless steel side grab rail	No	1
20	32mm stainless steel vertical grab rail	No	1
<u>Corner protectors</u>			
21	50 x 50 x 2mm Aluminium angle section corner protectors.	m	100
<u>STEEL LOCKERS</u>			
<u>'GREENFIELDS' or other equal and approved</u>			
22	5100 x 900mm mild steel lockers 2400mm high comprising 4(no) 2mm laminated glulam wood shelves fixed on 1830mm long uprights, and heavy duty brackets all to the satisfaction of the Principal Agent (provisional)	No	2
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 8			
IRONMONGERY			

Item No		Quantity	Rate	Amount
	<u>SECTION NO.2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO 9</u>			
	<u>STRUCTURAL STEELWORK</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.134) unless otherwise stated			
	<u>STEEL COLUMNS AND BEAMS</u>			
	<u>Welded steel columns in single lengths with flat section base, top, bearer and connection plates imbedded into brick piers and bolted to steel etc</u>			
	<u>STEEL TRUSSES ETC</u>			
	<u>Welded roof trusses of angle section rails, struts, braces, cleats, etc and flat section bearer, gusset and connection plates bolted to steel</u>			
1	Design, manufacture and deliver on site, Steel Roof Truss construction for the mall, size 6217m ² overall on plan consisting of pitched trusses, with 600mm eaves overhang projecting both sides, including all necessary purlins, runners, bracing and cross bracing, hip rafters, jack trusses, etc	t	180.27	
	Carried Forward to Summary of Section No. 2			
	Section No. 2			
	Bill No. 9			
	STRUCTURAL STEEL			

Brought Forward			R
<u>Black Anodised aluminium windows glazed with 6mm clear toughened safety glass and plugged to brick or or concrete</u>			
5	Frame for door 1581 x 2065mm high (D1)	No 1	
6	Ditto but 873 x 2065mm high (D2)	No 1	
7	Ditto but 1620 x 2100mm high (D2)	No 1	
8	Ditto but 883 x 2160mm high (D3)	No 3	
9	Ditto but 1867 x 2138mm high (D3)	No 1	
10	Ditto but 864 x 2134mm high (D4)	No 1	
11	Ditto but 1016 x 2184mm high (D5)	No 3	
<u>"Sheerline" Heavy Duty powder aluminium windows glazed with 6mm clear toughened safety glass and plugged to brick or or concrete</u>			
<u>PURPOSE MADE GRADE AA25 ALUMINIUM APPROVED SHOPFRONT DOORS, DOORS, FRAMES AND FIXED SECTIONS, WITH GLAZING IN ACCORDANCE WITH SABS CODE OF PRACTICE PART N, THE FRAMES OF 76 X 25 MM HOLLOW SECTIONS FIXED IN OPENINGS IN BRICKWORK OR TO STRUCTURAL STEEL, IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS:</u>			
All purpose made Doors are to be factory fitted with suitable locking mechanism			
<u>The following glazed with 6 mm laminated safety glass, with gasket and natural anodised glazing beads unless otherwise described (colour of glazing to match existing) All glazing to comply with SABS 0137:</u>			
12	7770 x 5140mm high (W1)	No 1	
13	Ditto but 4470 x 3600mm high (W2)	No 1	
14	Ditto but 8750 x 3600mm high (W3)	No 2	
15	Ditto but 4540 x 3600mm high (W4)	No 1	
16	Ditto but 9750 x 3600mm high (W5)	No 1	
Carried Forward			R
Section No. 2 Bill No. 10 METALWORK			

CONSTRUCTION OF NDUMO RETAIL CENTRE

	Brought Forward			R
17	Ditto but 5000 x 3600mm high (W6)	No	1	
18	Ditto but 2500 x 3600mm high (W7)	No	1	
19	Ditto but 9760 x 3600mm high (W8)	No	1	
20	Ditto but 5100 x 3600mm high (W9)	No	1	
21	Ditto but 4750 x 3600mm high (W10)	No	5	
22	Ditto but 4750 x 2164mm high (W11)	No	4	
23	Ditto but 4780 x 3600mm high (W12)	No	3	
24	7770 x 3600mm High (W13)	No	1	
25	Ditto but 3600 x 960mm high (W14)	No	2	
26	Ditto but 5000 x 2164mm high (W15)	No	1	
27	Ditto 4738 x 648mm High (W16)	No	19	
28	Ditto but 4750 x 1020mm high (W17)	No	16	
29	Ditto but 2190 x 1410mm high (W18a)	No	1	
30	Ditto but 1890 x 1410mm high (W18b)	No	1	
Carried Forward to Summary of Section No. 2				R
Section No. 2				
Bill No. 10				
METALWORK				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 11</u>			
	<u>PLASTERING</u>			
	The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2088 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplentary Preambles to Model Preambles will be granted			
	(CPAP WORK GROUP NO.142) unless otherwise stated			
	<u>SCREEDS</u>			
	Screeds wood floated, on concrete			
1	100mm thick on floors and landings	m2	4,805	
	<u>GRANOLITHIC</u>			
	<u>Untinted Granolithic on concrete</u>			
2	Skirting 250mm high	m	1,636	
	<u>INTERNAL PLASTER</u>			
	<u>Cement plaster on brickwork</u>			
3	On walls	m2	9,096	
	<u>EXTERNAL PLASTER</u>			
	<u>Cement plaster on brickwork</u>			
4	On Walls	m2	1,998	
	Carried Forward			
	Section No. 2 Bill No. 11 PLASTERING			

[illegible]

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 12</u>			
	<u>TILING</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.144) unless otherwise stated</u>			
	<u>WALL TILING</u>			
	<u>200 x 200 x 5mm Thick "Johnson Matisse MWB4 Matt White" glazed ceramic wall tiles fixed with 'Tal Gold Star 6' rapid setting tile adhesive to plaster (elswhere measured) with 2mm wide joints continuous in both directions with joints pointed with 'Tal Fine Epoxy Grout'</u>			
1	On walls	m2	592	
	<u>FLOOR TILING</u>			
	<u>600 x 600 x 10mm "Johnson" class 3 unglazed porcelain floor tiles on "Tal Goldstar 6" rapid setting tile adhesive bedding on screed and 6mm flush pointed joints with "Tal Fine Epoxy Grout"</u>			
2	On Floors and landings	m2	4,726	
3	150mm high porcelain floor tiles fixed to screed with adhesives and flush tinted with waterproof jointing compound.	m	1,636	
	Carried Forward to Summary of Section No. 2			
	Section No. 2			
	Bill No. 12			
	TILING			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BUILDING WORKS</u>			
<u>BILL NO. 13</u>			
<u>PLUMBING AND DRAINAGE</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.148) unless otherwise stated</u>			
<u>RAINWATER DISPOSAL</u>			
<u>Seamless aluminium prepainted gutters and rainwater pipes</u>			
1	150 x 150mm rainwater down pipes	m	990
2	150 x 100mm Ogee eaves gutters in continous lengths on and including 32 x 2.5mm aluminium brackets at 1m centres fixed to falls to fibre cement fascia	m	390
3	Extra over 150 x 100mm Ogee eaves gutter for stopped end	No	178
4	Extra over 150 x 100mm eaves gutter for outlet for 100mm pipe	No	178
5	Extra over gutter for eaves offset	No	178
6	Extra over gutter for outlet for 150 x 150 mm pipe	No	356
7	Extra over rainwater pipe for bend	No	356
8	Extra over rainwater pipe for shoe	No	178
Carried Forward			R
Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE			

Brought Forward			R
<u>SANITARY FITTINGS</u>			
<u>Vaal or equally approved</u>			
9	White vitreous china close coupled washdown WC suite comprising 90 degrees outlet open rim pan [product code 772610] and matching 9 litre front single flush [product code 710531] top single flush cistern.	No	22
10	White wash hand basin size 510 x 405 bolted to wall with waste outlet and plug	No	22
11	Wall mounted urinal with top inlet (code 705326) overall size 415 x 275 x 315mm with and including 38mm chrome plated domical grating (code 8543Z0), flush valve (cobra FJ6000) a spreader, two hanger brackets and chrome flush pipe.	No	8
12	Paraplegic suite semi-close couple suite, product code 7300SC.	No	1
13	Chrome Corner Entry Shower Enclosure G301 885mm X 885mm (W) X 1850mm (H)	No	2
<u>WASTE UNIONS ETC</u>			
<u>"Cobra Watertech" or equal approved</u>			
14	32mm Slotted waste and chain	No	22
<u>TRAPS ETC</u>			
<u>"Cobra Watertech" or equal approved</u>			
15	Shower Traps as per shower spec	No	2
16	32mm 345/50 CP bottle trap jointed to waste outlet fitting and to uPVC pipe	No	22
<u>TAPS, VALVES, ETC</u>			
Carried Forward			R
Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE			

Brought Forward			R
<u>"Cobra Watertech" or equally approved</u>			
17	15mm Carina stopcock	No 20	
<u>SANITARY PLUMBING</u>			
<u>uPVC soil and vent pipes</u>			
18	40 mm diameter pipe	m 50	
19	110mm Pipe laid in and including trench excavation not exceeding 1m deep including backfilling with selected granular fill in bedding and filling around pipes	m 200	
20	110 mm Straight pan connector	No 23	
21	110 mm Reducing junction	No 10	
<u>Sundries</u>			
22	Testing waste pipe system	Item	
<u>WATER SUPPLIES</u>			
<u>Class 2 copper pipes with brass compression couplings</u>			
23	22mm Pipes	m 250	
<u>Extra over class 2. copper pipes for soldered capillary fittings</u>			
24	22mm, fittings	No 50	
<u>FIRE APPLIANCES ETC</u>			
25	"Everyway" hose reel to comply with SABS 543, complete with 30m rubber hose, chromium plated stop cock, shut-off nozzle and wall bracket	No 15	
26	9kg Dry chemical powder fire extinguisher complete with brackets fixed to wall	No 20	
<u>ELECTRIC HOT WATER HEATERS</u>			
<u>"Kwikhot" or equally approved</u>			
27	100 Litre "Econoflo" floor/wall electric water heater	No 1	
Carried Forward			R
Section No. 2 Bill No. 13 PLUMBING AND DRAINAGE			

CONSTRUCTION OF NDUMO RETAIL CENTRE

Brought Forward			R
28	'Kwikhot Code GSTP - 1650' polypropylen geyser drip tray set on timber platform	No	1
29	22 mm Approved pressure control valve with integral expansion relief	No	1
30	22 mm Approved vacuum breaker	No	1
31	22mm UPVC overflow pipes	m	3
<u>TESTING</u>			
<u>Testing</u>			
32	Allow for testing of all sanitary plumbing, water supplies and fire services to the satisfaction of the principal agent. All defective works are to be taken out and replaced at the contractor's expense and the whole re-tested until found satisfactory.	Item	
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 13			
PLUMBING AND DRAINAGE			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 2</u>			
<u>BILL NO. 14</u>			
<u>GLAZING</u>			
The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, requirements and specifications stated in the descriptions, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities No claim arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted			
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>			
<u>"Franke CHRH401" 1mm 18/10 staiunless steel with reflection polished surface, holed for and fixed with chromium plated dome capped mirroe screws with rubber buffers to plugs in brickwork</u>			
1	Mirror 400 x 600mm high with four screws	No	10
Carried Forward to Summary of Section No. 2 Section No. 2 Bill No. 14 GLAZING			R

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 2</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 15</u>			
	<u>PAINTWORK</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.152) unless otherwise stated			
	<u>PAINTWORK, ETC TO NEW WORK ON</u>			
	<u>ON FLOATED PLASTER</u>			
	<u>One coat plaster primer and two coats "Dulux" Wax 'n Wear adhesive promoted pure acrylic paint (Colour to be advised on site)</u>			
1	On internal walls	m2	9,096	
	<u>ON FLOATED PLASTER</u>			
	<u>One coat plaster primer and two coats "Dulux" Wax 'n Wear adhesive promoted pure acrylic paint (Colour to be advised on site)</u>			
2	On external walls	m2	1,998	
	<u>ON SMOOTH CONCRETE</u>			
	<u>One coat alkali resistant plaster primer and two coats PVA acrylic emulsion paint</u>			
3	On ceilings and beams	m2	212	
	Carried Forward			
	Section No. 2			
	Bill No. 15			
	PAINTWORK			
			R	

Brought Forward			R
<u>ON METAL</u>			
<u>One coat zink phosphate, one coat universal undercoat and two coats high gloss enamel paint on galvanised steel</u>			
4	on door frames	m2	79
<u>ON WOOD</u>			
<u>One coat spik and span oil based wood primer UCS2 + two coats velvagio polyurethane enamel vlo</u>			
5	On doors	m2	180
Carried Forward to Summary of Section No. 2			R
Section No. 2			
Bill No. 15			
PAINTWORK			

SECTION SUMMARY - SECTION NO:2 MALL				
Bill No		Page No	Amount	
1	EARTHWORKS	37		
2	CONCRETE, FORMWORK AND REINFORCEMENT	40		
3	MASONRY	42		
4	WATERPROOFING	44		
5	ROOF COVERINGS	45		
6	CARPENTRY AND JOINERY	46		
7	CEILINGS,PARTITIONS ETC	48		
8	IRONMONGERY	51		
9	STRUCTURAL STEEL	52		
10	METALWORK	55		
11	PLASTERING	57		
12	TILING	58		
13	PLUMBING AND DRAINAGE	62		
14	GLAZING	63		
15	PAINTWORK	65		
Carried to Final Summary			R	
Section No. 2				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 1</u>			
	<u>EARTHWORKS</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.104) unless otherwise stated			
	<u>EXCAVATIONS</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	Trenches	m3	153	
2	Holes	m3	137	
	<u>Extra over all excavations for carting away</u>			
3	Surplus material from excavations and/or stock piles on site to a dumping site situated approximately 10km from the building site	m3	138	
	<u>Risk of collapse of excavations</u>			
4	Sides of trench and hole excavations not exceeding 1,5m deep	m2	440	
	<u>Keeping excavations free of water</u>			
5	Keeping excavations free of water other than subterrenean	Item		
	Carried Forward		R	
	Section No. 3			
	Bill No. 1			
	EARTHWORKS			

Brought Forward			R
<u>Prescribed density tests on filling</u>			
6	"Modified AASHTO Density" test	No	15
<u>SOIL POISONING</u>			
<u>Soil insecticide</u>			
7	Under floors etc, including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	829
8	To bottoms and sides of trenches etc	m2	523
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Bill No. 1			
EARTHWORKS			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO 2</u>			
	<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
	<u>CONCRETE</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities. No claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.110) unless otherwise stated</u>			
	<u>REINFORCED CONCRETE</u>			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>30MPa/20mm concrete</u>			
1	Surface beds cast in panels on waterproofing (elsewhere measured)	m3	87	
2	Pad footings	m3	66	
3	Concrete Columns	m3	53	
	<u>SUPERSTRUCTURE</u>			
	<u>REINFORCED CONCRETE</u>			
	<u>30MPa/20mm concrete</u>			
4	Slabs, including beams and inverted beams	m3	43	
	Carried Forward			
	Section No. 3			
	Bill No. 2			
	CONCRETE, FORMWORK AND REINFORCEMENT			
			R	

CONSTRUCTION OF NDUMO RETAIL CENTRE

	Brought Forward			R
5	Varnity slab countertop	m3	17	
	<u>TEST CUBES</u>			
6	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	40	
	<u>CONCRETE SUNDRIES</u>			
	<u>Finishing top surfaces of concrete smooth with a power float</u>			
7	Surface beds, slabs, etc	m2	491	
	<u>FORMWORK</u>			
	<u>Smooth formwork to sides and soffits of inverted beams including columns</u>			
8	Concrete inverted beams	m2	787	
9	Concrete Columns	m2	269	
10	Varnity Slab Countertop	m2	171	
	<u>MOVEMENT JOINTS ETC</u>			
	<u>Saw cut joints</u>			
11	3 x 30mm deep saw cut joints on top of concrete	m	100	
	<u>REINFORCEMENT</u>			
	(CPAP Work Group No. 114)			
	<u>High tensile steel reinforcement to structural concrete work</u>			
12	Various Diameter bars	t	20.25	
	<u>Fabric reinforcement</u>			
13	Type 311 fabric reinforcement in concrete surface beds, slabs, etc	m2	1,463	
	Carried Forward to Summary of Section No. 3			R
	Section No. 3			
	Bill No. 2			
	CONCRETE, FORMWORK AND REINFORCEMENT			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO: 3</u>			
	<u>MASONRY</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.118) unless otherwise stated			
	<u>SUPERSTRUCTURE</u>			
	<u>Brickwork of NFP bricks (14mpa minimum compressive strength) in class II mortar</u>			
1	Half brick walls	m2	61	
2	One brick walls	m2	1,204	
	<u>Brickwork reinforcement</u>			
3	75mm Wide reinforcement built in horizontally	m	456	
4	150mm Wide reinforcement built in horizontally	m	5,050	
	<u>BRICK WORK SUNDRIES</u>			
	<u>Joint forming material in movement joints</u>			
5	12mm Bitumen impregnated fibre board built in vertically between brickwork and concrete surface bed	m2	64	
	<u>Pre-cast "Fabcon" prestressed fabricated lintels.</u>			
6	110 x 75mm Lintels in lengths not exceeding 3m	m	56	
	Carried Forward		R	
	Section No. 3 Bill No. 3 MASONRY			

Brought Forward			R
	<u>Galvanised hoop iron cramps, ties, etc</u>		
	<u>FIBRE-CEMENT WINDOW SILLS</u>		
	<u>Nutec fibre cement window sills size 15mm x 150mm wide bedded in according to standard everite fixing</u>		
7	On windows	m	14
	<u>FACE BRICKWORK</u>		
	<u>External face bricks (Prime Cost Amount R 7 000.00/1000) pointed with flush horizontal and vertical joints</u>		
8	Extra over brickwork for face brickwork.	m2	879
	<u>Brick-on-edge header course copings, sills, etc of face bricks pointed with recessed joints on all exposed faces</u>		
9	220mm brick-on-edge soldier course bands	m	14
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Bill No. 3			
MASONRY			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BUILDING WORKS</u>			
<u>BILL NO. 4</u>			
<u>WATERPROOFING</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.120) unless otherwise stated</u>			
<u>DAMPPROOFING OF WALLS AND FLOORS</u>			
<u>One layer of 375 micron "Consol Plastics Brikgrip DPC" embossed damp proof course in</u>			
1	In walls	m2	191
<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
2	Under surface beds	m2	927
<u>WATERPROOFING TO ROOFS, BASEMENTS, ETC</u>			
The Contractor shall furnish the Principal Agent with a written guarantee for 10 years for the roof covering, signed by the Contractor and countersigned by the Supplier of the waterproofing materials : The above guarantee is to be underwritten by an insurance company approved by Principal Agent -----			
Carried Forward			R
Section No. 3 Bill No. 4 WATERPROOFING			

Brought Forward			R
	<u>4mm "Derbigum SP" or other approved fully bonded waterproofing applied in strict accordance with the manufacturer's instructions</u>		
3	On bottoms and sides of box gutters	m2	494
<u>JOINT SEALANTS ETC</u>			
	<u>Silicone sealing compound including backing cord, bond breaker, primer, etc</u>		
4	6 x 10mm in saw cut joints in floors	m	141
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Bill No. 4			
WATERPROOFING			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 5</u>			
	<u>ROOF COVERINGS ETC</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.124) unless otherwise stated			
	<u>PROFILED METAL SHEETING AND ACCESSORIES</u>			
	<u>Roof coverings</u>			
	<u>0.8mm IBR Roof sheeting fixed on C-Channel purlins supported on I-Section Steel beams to Engineers specifications.</u>			
1	On roofs not exceeding 25 degrees pitch	m2	3,120	
	<u>ROOF AND WALL INSULATION</u>			
	<u>50mm Isolite-WL reinforced aluminium foil bonded insulation</u>			
2	50mm insulation fixed to the underside of the roof sheet.	m2	482	
	Carried Forward to Summary of Section No. 3			R
	Section No. 3			
	Bill No. 5			
	ROOF COVERINGS			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORK</u>			
	<u>BILL NO. 6</u>			
	<u>CARPENTRY AND JOINERY</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	<u>(CPAP WORK GROUP NO.126) unless otherwise stated</u>			
	<u>EAVES, VERGES, ETC</u>			
	<u>SKIRTINGS</u>			
	<u>Wrought meranti</u>			
1	20 x 70mm skirtings, including 19mm quadrant beads, plugged	m	194	
	<u>DOORS, ETC</u>			
	<u>Semi Solid doors with exposed hardwood edge strips hung to steel frames</u>			
2	44mm thick semi solid hardwood Door 800 x 2125mm high with 3.2mm tempered hardboard facings with meranti glazing beads and hardwood lipped on all edges	No	26	
	<u>Waiting Area</u>			
	<u>Laminated Saligna</u>			
3	25 x 500 x 482mm High wooden bench comprising tops, bottoms, sides, divisions, brackets, etc. screwed to steel frame all as per Architectural drawings.	m		
	Carried Forward to Summary of Section No. 3			
	Section No. 3			
	Bill No. 6			
	CARPENTRY AND JOINERY			
			R	

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL No. 7</u>			
	<u>CEILINGS, PARTITIONS AND ACCESS FLOORING</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	<u>(CPAP WORK GROUP NO.129) unless otherwise stated</u>			
	<u>CEILINGS, ETC</u>			
	<u>NAILED-UP CEILINGS</u>			
	<u>4mm plain boards fixed to and including 38 x 50mm on edge sawn softwood brandering at 600mm centres with cross brandering at joints, ends of sheets, cornices and light fittings at 150mm centres with plain butt joints with all nail or screw heads stopped sanded level and fixed to trusses at 1500mm</u>			
1	Horizontal ceilings	m2	482	
	<u>12.5mm tapered edge ceiling boards secured to Donn suspended steel grid system suspended from concrete slab with 25 x 25 metal angle hangers and skimmed with a rhinolite or cretestone plaster to ensure smooth unblemished ceiling surface all done as per manufacturers requirements</u>			
2	Extra over ceiling for opening for 600 x 150mm diameter downlighter	No	12	
	Carried Forward		R	
	Section No. 3 Bill No. 7 CEILINGS AND JOINERY			

CONSTRUCTION OF NDUMO RETAIL CENTRE

Brought Forward			R
3	Extra over ceiling for opening for 600 x 150mm light fitting	No	12
4	Extra over ceiling for 813 x 300mm trap door of 813 x 300mm wrought softwood rebated framing with one 38 x 38mm sawn softwood cross brander covered with ceiling board and fitted flush in opening	No	19
<u>Plasterboard cornices</u>			
5	75mm Coved cornices fixed to walls	m	382
Carried Forward to Summary of Section No. 3 Section No. 3 Bill No. 7 CEILINGS AND JOINERY			R

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 8</u>			
	<u>IRONMONGERY</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.132) unless otherwise stated			
	<u>LOCKS</u>			
	<u>"Dorma"</u>			
1	Cylinder dead lock (Ref D037D SS)	No	39	
2	Stainless steel bathroom sash lock (Ref D035S SS)	No	2	
	<u>"EN-SUITE" LOCKS</u>			
	<u>"Dorma"</u>			
3	Bathroom WC indicator (red and white) with 79mm turnknob, (Ref DWC-005)	No	6	
4	Disabled WC indicator (red and white) turnknob for phsyical impaired, (Ref DWC-006)	No	1	
	<u>HANDLES</u>			
	<u>"Dorma"</u>			
5	Stainless steel lever handle on N/S rose with N/S cylinder escutcheons (Ref TH120 N/S Cyl S.S)	No	1	
	Carried Forward		R	
	Section No. 3			
	Bill No. 8			
	IRONMONGERY			

CONSTRUCTION OF NDUMO RETAIL CENTRE

	Brought Forward			R
6	DPH301C pull handle on 150 x 300 x 1.2mm plate cylinder right (Ref DHP-SS-BL 150x300)	No	2	
	<u>DOOR CLOSER</u>			
	<u>"Dorma"</u>			
7	TS91B 3 cma action slide channel NON HOLD OPEN door closer - hydraulic speed control, with pull side door leaf fixing and push side transom fixing (Ref TS91B)	No	9	
	<u>LETTERS, NAMEPLATES, ETC</u>			
8	150 x 150 x 3mm thick aluminium pictogram engraved with fire extinguisher sign for each fire extinguisher.	No	4	
9	150 x 150 x 3mm thick aluminium pictogram engraved with fire hose reel sign for each fire hose reel.	No	1	
10	150 x 150 x 3mm thick aluminium pictogram engraved with a running man sign at each external door.	No	2	
11	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a disabled person sign, Ref DSS-133 P	No	1	
12	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a male/female sign, Ref DSS-132 MF	No	1	
13	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a male sign, Ref DSS-130 M	No	1	
14	Stainless steel 150 x 150 x 1.2mm thick pictogram engraved with a female sign, Ref DSS-131 F	No	1	
	<u>SUNDRIES</u>			
	<u>"Dorma"</u>			
15	DDS-NP-018 nickel-plated floor mounted door stop	No	14	
	<u>BATHROOM FITTINGS</u>			
	<u>"Dorma"</u>			
16	600mm long towel rail including brackets	No	2	
17	Toilet roll dispenser	No	7	
	Carried Forward			R
	Section No. 3			
	Bill No. 8			
	IRONMONGERY			

CONSTRUCTION OF NDUMO RETAIL CENTRE

Brought Forward			R
18	Liquid soap dispenser	No	4
19	32mm stainless steel side grab rail	No	1
20	32mm stainless steel vertical grab rail	No	1
<u>Corner protectors</u>			
21	50 x 50 x2mm Aluminium angle section corner protectors.	m	8
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Bill No. 8			
IRONMONGERY			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BUILDING WORKS</u>			
<u>BILL NO. 10</u>			
<u>METALWORK</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.136) unless otherwise stated</u>			
<u>STEEL GATES, SCREENS,ETC</u>			
1	Hot dipped galvanised double gate 1780 x 2305mm high including side panels and fitted with a pair of suitable hinges to each leaf, bolted to wall with and including M10 expansion bolts and wih hasp and staple and an approved drop bolt welded on and including all ironmongery	No	4
2	Hot dipped galvanised double gate 2030 x 1540mm high including side panels and fitted with a pair of suitable hinges to each leaf, bolted to wall with and including M10 expansion bolts and wih hasp and staple and an approved drop bolt welded on and including all ironmongery	No	18
<u>DOOR FRAMES, DOORS, WINDOWS, ETC</u>			
<u>PRESSED STEEL DOOR FRAMES</u>			
Carried Forward			R
Section No. 3 Bill No. 10 METAL WORK			

Brought Forward			R
<u>1,6mm Double rebated frames suitable for half brick walls</u>			
3	Frame for door size 873 x 2065mm high	No	1
<u>1,6mm Double rebated frames suitable for one brick walls</u>			
<u>HOT DIP GALVANIZED PRESSED STEEL DOOR FRAMES</u>			
4	Frame for door 873 x 2032mm high with fanlight 300mm high	No	18
<u>ALUMINIUM WINDOWS, DOORS, ETC</u>			
<u>Frames to suit one brick wall</u>			
<u>Black Anodised aluminium windows glazed with 6mm clear toughned safety glass and plugged to brick or or concrete</u>			
5	600 x 600mm High	No	6
6	1000 x 1335mm High	No	3
<u>PURPOSE MADE GRADE AA25 ALUMINIUM APPROVED SHOPFRONT DOORS, DOORS, FRAMES AND FIXED SECTIONS, WITH GLAZING IN ACCORDANCE WITH SABS CODE OF PRACTICE PART N, THE FRAMES OF 76 X 25 MM HOLLOW SECTIONS FIXED IN OPENINGS IN BRICKWORK OR TO STRUCTURAL STEEL, IN ACCORDANCE WITH THE MANUFACTURER'S PRINTED INSTRUCTIONS:</u>			
All purpose made Doors are to be factory fitted with suitable locking mechanism			
Carried Forward			R
Section No. 3 Bill No. 10 METAL WORK			

Brought Forward				R
<u>The following glazed with 6 mm laminated safety glass, with gasket and natural anodised glazing beads unless otherwise described (colour of glazing to match existing) All glazing to comply with SABS 0137:</u>				
7	Shopfront anodised aluminium door - comprising two side panels 900 x 3000mm high sidelights, overall sliding door size 2100 x 3000mm high, glazed complete all in accordance with manufacturer's specifications (refer to Architect's drawing)	No	1	
<u>Steel Roller shutter door</u>				
<u>"Serranda" roller shutters or similar approved fixed brickwork or concrete</u>				
8	Manual push-up slatted roller shutter for 1640 x 2400mm high opening	No	2	
Carried Forward to Summary of Section No. 3				R
Section No. 3 Bill No. 10 METAL WORK				

Item No		Quantity	Rate	Amount
<u>SECTION NO. 3</u>				
<u>BILL NO. 11</u>				
<u>PLASTERING</u>				
NOTE : Unless otherwise stated herein, all items in this bill shall be deemed to fall into Work Group No. 142 for CPAP formula purposes.				
<u>SCREEDS</u>				
<u>Screeds on concrete</u>				
1	25mm Thick on floors and landings	m2	864	
<u>GRANOLITHIC</u>				
<u>Untinted granolithic on concrete</u>				
2	35mm Thick on floors and landings	m2	100	
<u>INTERNAL PLASTER</u>				
<u>Cement plaster on brickwork</u>				
3	On walls	m2	1,727	
4	On narrow widths	m2	13	
<u>CORNER PROTECTORS, DIVIDING STRIPS, ETC</u>				
5	3 x 32mm Flat section brass dividing strips between different floor finishes	m	402	
Carried Forward to Summary of Section No. 3				R
Section No. 3 Bill No. 11 PLASTERING				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 3</u>			
	<u>BUILDING WORKS</u>			
	<u>BILL NO. 12</u>			
	<u>TILING</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.144) unless otherwise stated			
	<u>WALL TILING</u>			
	<u>200 x 200 x 5mm Thick "Johnson Matisse MWB4 Matt White" glazed ceramic wall tiles fixed with 'Tal Gold Star 6' rapid setting tile adhesive to plaster (elsewhere measured) with 2mm wide joints continuous in both directions with joints pointed with 'Tal Fine Epoxy Grout'</u>			
1	On walls	m2	4	
2	On narrow widths not exceding 300mm width	m2	2	
	<u>300 x 300mm x 8mm "Johnson" Ceramic floor tiles on "Tal Goldstar 6" rapid setting tile adhesive bedding on screed and 6mm flush pointed joints with "Tal Fine Epoxy Grout"</u>			
3	On floors	m2	482	
	Carried Forward to Summary of Section No. 3			R
	Section No. 3			
	Bill No. 12			
	TILLING			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BUILDING WORKS</u>			
<u>BILL NO. 13</u>			
<u>PLUMBING AND DRAINAGE</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.148) unless otherwise stated</u>			
<u>RAINWATER DISPOSAL</u>			
<u>Seamless aluminium prepainted gutters and rainwater pipes</u>			
1	150 x 100mm Ogee eaves gutters in continous lengths on and including 32 x 2.5mm aluminium brackets at 1m centres fixed to falls to fibre cement fascia	m	66
2	Extra over 100 x 125mm Ogee eaves gutter for stopped end	No	4
3	Extra over 150 x 100 mm Ogee eaves gutter for outlet for 75 x 100mm pipe	No	4
4	150mm diameter rainwater pipes	m	11
5	Extra over 75 x 100mm rainwater pipe for bend	No	4
6	Extra over 75 x 100mm rainwater pipe for shoe	No	4
7	Extra over 75 x 100mm rainwater pipe for offsets	No	4
<u>SANITARY FITTINGS</u>			
Carried Forward			R
Section No. 3 Bill No. 13 PLUMBING AND DRAINAGE			

Brought Forward			R
<u>Vaal or equally approved</u>			
8	White vitreous china close coupled washdown WC suite comprising 90 degrees outlet open rim pan [product code 772610] and matching 9 litre front single flush [product code 710531] top single flush cistern.	No	7
9	Vitreous china wash hand basin 475 x 475mm sunbird surface mounted vanity basin with one taphole and integrated overflow to SABS specification 497 fixed to walls with steel brackets and and expansion bolts.	No	6
10	Wall mounted urinal with top inlet (code 705326) overall size 415 x 275 x 315mm with and including 38mm chrome plated domical grating (code 8543Z0), flush valve (cobra FJ6000) a spreader, two hanger brackets and chrome flush pipe.	No	3
11	Paraplegic suite semi-close couple suite, product code 7300SC.	No	1
<u>"Cobra Watertech" or equal approved</u>			
12	32mm Slotted waste and chain	No	7
<u>TRAPS ETC</u>			
<u>"Marley"</u>			
13	30mm "P" or "S" trap	No	7
<u>"ROFO SALES CC"</u>			
14	Full floor drain	No	3
<u>"Cobra Watertech" or equal approved</u>			
15	32mm 345/50 CP bottle trap jointed to waste outlet fitting and to uPVC pipe	No	3
<u>TAPS, VALVES, ETC</u>			
<u>"Cobra Watertech" or equally approved</u>			
16	15mm Carina stopcock	No	14
Carried Forward			R
Section No. 3 Bill No. 13 PLUMBING AND DRAINAGE			

Brought Forward			R
17	Flushmaster (FJT5.5), fixed on and including two hanger brackets (code: 8127Z0)	No	10
18	100mm White butyl rubber pan connector.	No	7
<u>SANITARY PLUMBING</u>			
<u>uPVC soil and vent pipes</u>			
19	50 mm diameter pipe	m	60
20	110mm Pipe laid in and including trench excavation not exceeding 1m deep including backfilling with selected granular fill in bedding and filling around pipes	m	140
<u>Extra over uPVC soil and vent pipes for fittings</u>			
21	50mm bend	No	20
22	50mm junction	No	10
23	50mm reducing junction	No	5
24	110 mm Reducer with anti-syphon horn	No	3
25	110mm bend	No	23
26	110 mm Straight pan connector	No	7
27	110 mm Reducing junction	No	10
28	Vent cowl and setting in top of 110 mm diameter pipe	No	7
<u>Sundries</u>			
29	Testing waste pipe system	Item	
<u>WATER SUPPLIES</u>			
<u>Class 2 copper pipes with brass compression couplings</u>			
30	22mm Pipes	m	50
<u>Extra over class 2, copper pipes for soldered capillary fittings</u>			
31	22mm, fittings	No	25
Carried Forward			R
Section No. 3 Bill No. 13 PLUMBING AND DRAINAGE			

Brought Forward			R
<u>FIRE APPLIANCES ETC</u>			
32	"Everyway" hose reel to comply with SABS 543, complete with 30m rubber hose, chromium plated stop cock, shut-off nozzle and wall bracket	No 1	
33	9kg Dry chemical powder fire extinguisher complete with brackets fixed to wall	No 5	
<u>ELECTRIC HOT WATER HEATERS</u>			
<u>"Kwikhot" or equally approved</u>			
34	100 Litre "Econoflo" floor/wall electric water heater	No 1	
35	'Kwikhot Code GSTP - 1650' polypropylen geyser drip tray set on timber platform	No 1	
36	22 mm Approved pressure control valve with integral expansion relief	No 1	
37	22 mm Approved vacuum breaker	No 1	
38	22mm UPVC overflow pipes	m 3	
<u>TESTING</u>			
<u>Testing</u>			
39	Allow for testing of all sanitary plumbing, water supplies and fire services to the satisfaction of the principal agent. All defective works are to be taken out and replaced at the contractor's expense and the whole re-tested until found satisfactory.	Item	
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Bill No. 13			
PLUMBING AND DRAINAGE			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 3</u>			
<u>BILL NO. 14</u>			
<u>GLAZING</u>			
The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, requirements and specifications stated in the descriptions, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities No claim arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted			
<u>GLAZING TO STEEL WITH PUTTY</u>			
<u>3mm Clear float glass</u>			
1	Panes exceeding 0,5m2 and not exceeding 2m2	m2	3
<u>3mm Obscure glass</u>			
2	Panes exceeding 0,1 and not exceeding 0,5m2	m2	11
<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>			
<u>"Franke CHRH401" 1mm 18/10 staiunless steel with reflection polished surface, holed for and fixed with chromium plated dome capped mirroe screws with rubber buffers to plugs in brickwork</u>			
3	Mirror 400 x 600mm high with four screws	No	2
Carried Forward to Summary of Section No. 3 Section No. 3 Bill No. 14 GLAZING			R

Brought Forward			R
<u>One coat zink phosphate, one coat universal undercoat and two coats high gloss enamel paint on galvanised steel</u>			
4	On eaves gutters	m2	33
5	On downpipes	m2	11
<u>One coat alkyd based undercoat on steel</u>			
6	On backs of frames, linings, etc not exceeding 300mm wide	m2	191
<u>ON WOOD</u>			
<u>One coat spik and span oil based wood primer UCS2 + two coats velvagio polyurethane enamel vlo</u>			
7	On doors	m2	539
Carried Forward to Summary of Section No. 3			R
Section No. 3			
Bill No. 15			
PAINTWORK			

SECTION SUMMARY - SECTION NO:3 TAXI RANK		Page No	Amount	
Bill No				
1	EARTHWORKS	68		
2	CONCRETE, FORMWORK AND REINFORCEMENT	70		
3	MASONRY	72		
4	WATERPROOFING	74		
5	ROOF COVERINGS	75		
6	CARPENTRY AND JOINERY	76		
7	CEILINGS AND JOINERY	78		
8	IRONMONGERY	81		
9	STRUCTURAL STEEL	82		
10	METAL WORK	85		
11	PLASTERING	86		
12	TILLING	87		
13	PLUMBING AND DRAINAGE	91		
14	GLAZING	92		
15	PAINTWORK	94		
Carried to Final Summary			R	
Section No. 3				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 1</u>			
	<u>BULK EARTHWORKS (PROVISIONAL)</u>			
	The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, requirements and specifications stated in the descriptions, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities No claim arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted			
	<u>SITE CLEARANCE ETC</u>			
	<u>Site clearance</u>			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	18,074	
2	Stripping average 150mm thick layer of top soil and stockpiling on site	m2	18,074	
	<u>BULK EXCAVATION, FILLING, ETC</u>			
	<u>Open face excavation in earth over sloping site</u>			
3	Not exceeding 2m deep to reduce levels to final levels under floors etc	m3	5,422	
	<u>Extra over trench and hole excavations in earth for excavation in</u>			
4	Soft rock	m3	314	
5	Hard rock	m3	157	
	Carried Forward		R	
	Section No. 4			
	Bill No. 1			
	BULK EARTHWORKS (PROVISIONAL)			

CONSTRUCTION OF NDUMO RETAIL CENTRE

Brought Forward			R
<u>G6 filling supplied by the contractor compacted to 95% Mod AASHTO density</u>			
6	To building platforms	m3	2,711
<u>G5 filling supplied by the contractor compacted to 95% Mod AASHTO density</u>			
7	To building platforms	m3	2,711
<u>Extra over all excavations for carting away</u>			
8	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	5,422
<u>Prescribed density tests on filling</u>			
9	"Modified AASHTO Density" test	No	10
10	Atterberg limits test	No	5
11	Grading Test (Sieve Analysis)	No	5
12	CBR test	No	5
Carried Forward to Summary of Section No. 4			R
Section No. 4			
Bill No. 1			
BULK EARTHWORKS (PROVISIONAL)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 2</u>			
	<u>SOIL DRAINAGE (PROVISIONAL)</u>			
	The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, requirements and specifications stated in the descriptions, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities No claim arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted			
	<u>SOIL DRAINAGE</u>			
	<u>Heavy duty uPVC pipes Class 34 in Class B bedding including excavations, bedding, backfilling, compacting to 95% Mod AASHTO density, risk of collapse and dewatering of trenches:</u>			
1	160mm Pipe and excavation exceeding 1m deep but n.e 1.5m	m	544	
	<u>Extra over heavy duty uPVC pipes for fittings:</u>			
2	160mm Bend.	No	30	
3	160mm Junction.	No	20	
4	160 mm Cast iron rodding eye.	No	13	
	<u>Precast concrete dished gullies:</u>			
5	Dished gully complete with trap with plain inlet and 100mm outlet and grating exceeding 250mm and not exceeding 500mm deep.	No	8	
	Carried Forward			R
	Section No. 4			
	Bill No. 2			
	SOIL DRAINAGE (PROVISIONAL)			

Brought Forward			R
<u>Precast concrete manholes:</u>			
6	Excavate in earth and build circular manhole, 1000mm internal diameter exceeding 1m and not exceeding 2m deep with concrete bottom, concrete benching, concrete cover slab and lid to the approval of the Engineer.	No	25
<u>Covers:</u>			
7	450 x 600mm x 72 kg Cast iron double seal cover and frame.	No	13
<u>Testing:</u>			
8	Allow for testing the whole of the soil and waste water drainage system to the approval of the Engineer.	Item	
Carried Forward to Summary of Section No. 4			R
Section No. 4			
Bill No. 2			
SOIL DRAINAGE (PROVISIONAL)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO.3</u>			
	<u>SEPTIC TANK (PROVISIONAL)</u>			
	The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, requirements and specifications stated in the descriptions, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities No claim arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted			
	<u>FOUNDATION (PROVISIONAL)</u>			
	<u>EARTHWORKS</u>			
	<u>EXCAVATION, FILLING, ETC</u>			
	<u>Excavation in earth not exceeding 2m deep</u>			
1	To reduce level	m3	322	
	<u>Extra over trench and hole excavations in earth for excavation in</u>			
2	Soft rock	m3	32	
3	Hard rock	m3	16	
	<u>Extra over all excavations for carting away</u>			
4	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor	m3	322	
	<u>Risk of collapse of excavations</u>			
5	Sides of trench and hole excavations exceeding 1,5m deep	m2	166	
	Carried Forward			
	Section No. 4			
	Bill No. 3			
	SEPTIC TANK			
			R	

Brought Forward			R
<u>FILLING ETC</u>			
<u>Earth filling obtained from selected granular materials compacted to 95% Mod ASSHTO density</u>			
6	50mm stones or coarse gravel with 5 % Gravel/Sand Fines to soak away	m3	20
<u>BIDIM</u>			
7	Geotextile (Bidim U24) around the soakaway trench	m2	27
<u>Keeping excavations free of water</u>			
8	Keeping excavations free of all water other than subterranean water	Item	
<u>SOIL POISONING</u>			
<u>Soil insecticide</u>			
9	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	268
<u>MASONRY</u>			
<u>Brickwork of NFX bricks (14 MPa nominal compressive strength) in class I mortar</u>			
10	One brick walls	m2	171
<u>Brickwork reinforcement</u>			
11	150mm Wide reinforcement built in horizontally	m	684
<u>WATERPROOFING</u>			
<u>DAMP-PROOFING OF WALLS AND FLOORS</u>			
<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
12	Under surface beds	m2	90
<u>Bitumen Water proofing</u>			
13	To internal walls of septic tank	m2	166
Carried Forward			R
Section No. 4 Bill No. 3 SEPTIC TANK			

Brought Forward			R
<u>CONCRETE, FORMWORK AND REINFORCEMENT</u>			
<u>REINFORCED CONCRETE</u>			
<u>30MPa/19mm concrete</u>			
14	Surface beds on waterproofing	m3	12
15	Slabs	m3	23
<u>Finishing top of surfaces of concrete smooth with wood float</u>			
16	Surface beds, slabs, etc	m2	180
<u>ROUGH FORMWORK (DEGREE OF ACCURACY III)</u>			
<u>Rough formwork to sides</u>			
17	Formwork to edged of slabs not exceeding 300mm thick	m	12
<u>Rough formwork to soffits</u>			
18	Rough formwork to soffit of slabs propped up to a height exceeding 1.5m and not exceeding 3.5m high	m2	90
<u>Rough formwork to form</u>			
19	Opening not exceeding 1m girth through not exceeding 300mm slab	No	6
<u>REINFORCEMENT</u>			
<u>High tensile steel reinforcement to structural concrete work</u>			
20	Various diameter bars	t	2.76
<u>TEST BLOCKS</u>			
21	Making and testing 150 x 150 x 150mm concrete strength test cube (Provisional)	No	10
<u>PLASTERING</u>			
<u>SCREEDS</u>			
Carried Forward			R
Section No. 4 Bill No. 3 SEPTIC TANK			

Brought Forward			R
<u>Screeds with compressive strength of 15 MPa steel trowelled on concrete</u>			
22	Average 100mm thick on floors to falls	m2	90
<u>One coat 3:1 cement plaster on brick walls</u>			
23	On walls	m2	166
<u>PLUMBING AND DRAINAGE (PROVISIONAL)</u>			
<u>PIPEWORK ETC</u>			
<u>Heavy duty uPVC pipes Class 34 in Class B bedding including excavations, bedding, backfilling, compacting to 95% Mod AASHTO density, risk of collapse and dewatering of trenches:</u>			
24	160mm Pipe and excavation exceeding 1m deep but n.e 1.5m	m	15
25	160mm pipe weep holes build into brick wall	m	18
<u>Extra over heavy duty uPVC pipes for fittings:</u>			
26	160mm Junction.	No	3
<u>GMS Galvanised Mild Steel Pipes</u>			
27	100mm vent pipe cast into concrete slab	m	13
<u>Extra over Galvanised Mild Steel pipes for square junction with pipe extention</u>			
28	100mm bend	No	10
<u>MANHOLE COVERS ETC</u>			
29	Double seal cast iron manhole cover and frame type 8B-SABS 1973 for 1140 x 915mm opening	No	6
<u>Steel Steps</u>			
30	Allow a provisional sum amount of R25 000.00 (Twenty Five Thousand Rand) for Supply and install of steel steps in consevacy tank according to civil engineers design.	Item	
Carried Forward			R
Section No. 4 Bill No. 3 SEPTIC TANK			

Brought Forward

R

TESTING

31	Testing septic tank system
----	----------------------------

Item

Carried Forward to Summary of Section No. 4

Section No. 4
Bill No. 3
SEPTIC TANK

R

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 4</u>			
	<u>STORMWATER AND DRAINAGE</u>			
	<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplementary Preambles to Model Preambles will be granted</u>			
	(CPAP WORK GROUP NO.104) unless otherwise stated			
	<u>PIPE CULVERTS</u>			
	<u>Supply and lay concrete pipe culverts including excavations, bedding, backfilling, compacting to 95% Mod AASHTO density, risk of collapse and dewatering of trenches and testing</u>			
	<u>Ogee class 50D</u>			
1	450mm Diameter	m	535	
	<u>Ogee class 50D</u>			
2	900mm Diameter	m	538.00	
	<u>Steel reinforcement</u> <u>(a) Mild steel bars</u>			
3	(c) Welded steel fabric	kg	1,500.00	
	<u>MANHOLES,CATCHPIPTS,ETC</u>			
	<u>Manholes</u>			
4	Junction boxes and Manhole Complete as per SD	No	5	
	Carried Forward			R
	Section No. 4 Bill No. 4 STORM WATER AND DRAINAGE (PROVISIONAL)			

Brought Forward		R	
<u>Grid Inlets</u>			
5	Excavate in compacted earth for and build grid inlet catchpit size 910mm x 910mm internally with one brick wall sides in FBSE30 bricks built in english bond on and including 25Mpa in-situ concrete base 150mm thick with ref 245 mesh reinforcing , rendered smooth internally i 1:5 cement motar , benching up bottom in 25Mpa concrete finished off smooth with steel trowel and 150mm thick prestressed concrete cover slab to SABS size 900 x 875mm , rebated and holed for and including purpose made grid inlet cover size overall 450 x450mm wide formed of 50 x20mm thick solid bar framing & 50 x 6mm thick solid bar intermediate rails laid loose in 50 x 50 x 6mm angle section framing including leaving or forming opening for 2No. 450mm diameter outlet including all formwork , reinforcing ,backfilling around in 300mm wide selected fill in 150mm layers compacted to 90% mod AASHTO density , compaction , filling , etc. Depth to invert 1089mm	No	46
Carried Forward to Summary of Section No. 4		R	
Section No. 4			
Bill No. 4			
STORM WATER AND DRAINAGE (PROVISIONAL)			

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 5</u>			
	<u>WATER RETICULATION (PROVISIONAL)</u>			
1	Supply, butt weld jointing and lay approved solid wall HDPE (high density polyethylene), type PE 100, Class PN 16 Pipe. Lay pipe in trenches. Pipes to be supplied in 100 m lengths. For pipes of nominal diameter. 50mm diameter Class 16 HDPE water pipe	m	180.00	
2	75mm diameter Class 16 HDPE water pipe	m	1,020.00	
3	Supply, butt weld jointing and lay approved solid wall HDPE (high density polyethylene), type PE 100, HDPE (high density polyethylene), type PE 100, Class PN 16 fittings to SABS ISO 4427. All fittings to be butt welded to HDPE pipes. Each fitting must be supplied with stubs welded on the outside for securing fitting into concrete anchor blocks. Stubs (Partial puddle flange) to be designed by fitting manufacturer for pipe size and maximum pressure rating as well as fitting configuration. Each fitting shall be supplied with a minimum of two HDPE stubs (25 mm thick by 0.25 x diameter of fitting high by 0.75 x diameter of fitting long), welded to the outside. For fittings: 75 mm diameter equal tee	No	12.00	
4	75 mm x 50 mm diameter reducing tee	No	7.00	
5	75 mm diameter end caps	No	3.00	
6	75 mm x 90 degree short radius bend	No	5.00	
7	75 mm x 45 degree short radius bend	No	3.00	
8	75 mm x 22.5 degree short radius bend	No	2.00	
9	75 mm Flange adoptors (butt-welded)	No	20.00	
10	50 mm diameter equal tee	No	2.00	
11	50 mm diameter end caps	No	6.00	
	Carried Forward			
	Section No. 4 Bill No. 5 WATER RETICULATION (PROVISIONAL)		R	

Brought Forward			R
<u>VALVES (CAST IRON PN 16)</u>			
12	Supply and install complete waterworks type, SABS 664 approved, non-rising spindle, right hand closing, handwheel and ball thrust collar, cast iron, flanged resilient seal valve. (Drilled to BS 4504 table 16) All valves in and outside coated with 250 micron fusion bonded Epoxy resin coating Electrostatically applied (DIN 30677). One person to be able to open valve, with unbalanced pressure of 850 kPa. For diameter: 75 mm Diameter	No	8.00
13	50 mm Diameter	No	5.00
<u>WATER METERS</u>			
14	Supply, install and test 80 mm diameter COSMOS MEINECKE SANS approved bulk water meter including all fitting as per manufacturer's specifications	No	1.00
15	ANCHOR BLOCKS Anchor trust blocks and pedestals using mass concrete of 20 Mpa mix strength where required by the pipe bends, tees and end - caps or where the Engineer requested and recorded in the site instruction book and forwarded with the relevant certificates for payment purposes, rate shall include the cost of concrete, reinforcement, form work, excavation, backfill, compaction etc.	m3	25.00
16	VALVE BOXES AND VALVE BOX COVERS NOTE: ALL WATER VALVE BOXES TO BE 100% WATER TIGHT (ZERO LEAKAGE) Construct concrete water meter, isolating and building connection junction valve box, complete with all parts as specified on the water detail drawing. The tender rate shall include excavation and depths not exceeding 1.5m a) Water meter valve box	No	1.00
17	b) Isolating Valve box	No	13.00
18	c) Building connection junction valve box	No	5.00
19	Extra-Over in 4.3.2 to 4.3.4 for valve box covers a) Type 1A cover and frame to SABS 558	No	19.00
20	b) 400 x 400 type 1 as per water detail drawing	No	18.00
21	c) 600 x 600 type 1 as per water detail drawing	No	1.00
Carried Forward			R
Section No. 4 Bill No. 5 WATER RETICULATION (PROVISIONAL)			

	Brought Forward			R
22	Supply, Deliver, and erect a 180kl elevated tank on a 5m high tank stand including inlet and outlet pipework from the ground level up to the tank level.	No	1.00	
Carried Forward to Summary of Section No. 4				R
Section No. 4				
Bill No. 5				
WATER RETICULATION (PROVISIONAL)				

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 4</u>			
	<u>BILL NO. 6</u>			
	<u>DRIVEWAYS, PARKING AND PAVING (PROVISIONAL)</u>			
	The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, requirements and specifications stated in the descriptions, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of Quantities No claim arising from brevity of description of items fully described in the said Model Preambles for Trades or Supplementary Preambles to Model Preambles will be granted			
	<u>DRIVEWAY</u>			
	<u>EARTHWORKS</u>			
	<u>(HAYLETT FORMULA WORK GROUP NO. 104)</u>			
1	Open face excavations in earth to reduce levels	m3	3,259	
2	Allow for keeping all excavations entirely free from water and mud		Item	
3	Over site of G7 sub-base layer C4 material in accordance with SABS 1200 ME, stabilised to attain UCS 1,5 MPa after seven days and compacted to 95% Mod AASHTO density	m3	3,259	
4	Over site of G5 sub-base layer C4 material in accordance with SABS 1200 ME, stabilised to attain UCS 1,5 MPa after seven days and compacted to 95% Mod AASHTO density	m3	3,259	
	Carried Forward			
	Section No. 4			
	Bill No. 6			
	DRIVEWAYS,PARKING AND PAVING (PROVISIONAL)			
			R	

	Brought Forward			R
5	Compaction of ground surface under pavings, etc including scarifying for a depth of 150mm, breaking down over size material, adding suitable material where necessary and compact to 93% modified AASHTO density	m2	15,940	
6	25mm thick layer clean, dry, riversand layer treated with an approved weed killer at the rate of 50 gram per square metre, spread and levelled to receive paving blocks (elsewhere)	m2	10,151	
7	Tests to determine the degree of compaction, etc. of ground or filling	No	20	
	<u>Soil insecticide</u>			
8	Under floors etc including forming and poisoning shallow furrows against foundation walls etc, filling in furrows and ramming	m2	15,940	
	<u>One layer of 250 micron "Consol Plastics Gunplas USB Green" waterproof sheeting sealed at laps with "Gunplas Pressure Sensitive Tape"</u>			
9	Under surface beds	m2	10,151	
	<u>REINFORCED CONCRETE</u>			
	<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>			
	<u>30MPa/20mm concrete</u>			
10	Surface beds cast in panels on waterproofing (elsewhere measured)	m3	1,158	
	<u>TEST CUBES</u>			
11	Making and testing 150 x 150 x 150mm concrete strength test cubes (Provisional)	No	10	
	<u>CONCRETE SUNDRIES</u>			
	<u>Finishing top surfaces of concrete smooth with a power float</u>			
12	Surface beds, slabs, etc	m2	5,790	
	Carried Forward			R
	Section No. 4			
	Bill No. 6			
	DRIVEWAYS,PARKING AND PAVING (PROVISIONAL)			

Brought Forward			R
<u>Fabric reinforcement</u>			
13	Type 311 fabric reinforcement in concrete surface beds, slabs, etc	m2	5,790
<u>PRECAST CONCRETE</u>			
<u>(HAYLETT FORMULA WORK GROUP NO. 112)</u>			
<u>Light grey "Grinaker G-blocks" interlocking precast concrete (35 MPa) paving blocks laid with butt joints on 50mm thick river sand bed with sand swept into joints including preparation of ground or filling</u>			
14	80mm paving blocks	m2	10,151
<u>KERBS, CHANNELS, ETC</u>			
<u>Precast concrete finished smooth on exposed surfaces, including bedding, jointing and pointing</u>			
15	Semi-Mountable kerb (SABS 927 fig 7) unreinforced concrete, each joint including excavation, backfilling, etc	m	1,456
<u>PAINTING</u>			
<u>Prepare and paint one coat white reflective road marking paint on precast concrete paving blocks</u>			
16	(a) White lines (broken or unbroken) (i) 100mm wide	m	420.00
17	(b) Yellow lines (broken or unbroken) (i) 100mm wide	m	840.00
18	(d) White lettering and symbols	m2	50.00
19	(e) Yellow lettering and symbols	m2	30.00
20	Variations in rate or application (a) White paint	l	100.00
21	(b) Yellow paint	l	20.00
22	(c) Red paint	l	10.00
Carried Forward to Summary of Section No. 4			R
Section No. 4			
Bill No. 6			
DRIVEWAYS,PARKING AND PAVING (PROVISIONAL)			

Item No	Quantity	Rate	Amount
<u>SECTION NO. 4</u>			
<u>FENCING (PROVISIONAL)</u>			
<u>BILL NO. 7</u>			
<u>FENCING</u>			
<u>The Contractor must read each description throughout this bills of quantities in conjunction with and in the context of the obligations, the Model Preambles for Trades (2008 Edition) and any supplementary Preambles to the Model Preambles forming part of these Bills of QuantitiesNo claims arising from brevity of description of items fully described in the said Model Preambles for Trades or Summplentary Preambles to Model Preambles will be granted</u> <u>(CPAP WORK GROUP NO.148) unless otherwise stated</u>			
<u>REMOVAL OF TREES ETC</u>			
<u>Cutting down and removing, grubbing up roots and filling in holes</u>			
1	Tree exceeding 200mm and not exceeding 500mm girth	No 30	
<u>EARTHWORKS</u>			
<u>Excavation in earth not exceeding 2m deep</u>			
2	Holes	m3 67	
<u>Risk of collapse of excavations</u>			
3	Sides of trench and hole excavations not exceeding 1,5m deep	m2 548	
<u>Soil insecticide</u>			
4	To bottoms and sides of trenches etc	m2 673	
<u>UN REINFORCED CONCRETE</u>			
Carried Forward			R
Section No. 4 Bill No. 7 FENCING (PROVISIONAL)			

Brought Forward			R
<u>20MPa/19mm Concrete</u>			
5	Bases	m3	67
<u>WELDED SECURITY FENCING</u>			
<u>Clearvu security fencing with posts encased in concrete footings</u>			
6	2,4m high Clearvu perimeter fence with all necessary rails, posts etc all in accordance to manufacturers specifications	m	1,075
<u>Gates, screens, etc.</u>			
7	Manually operated sliding gate 6 000 x 2 100mm high overall, the outer frame of 75 x 75 x 5mm square tubing and 50 x 50 x 2.5mm welded mesh welded to frame work, complete with industrial type roller wheels rolling on ground track and mechanical operating mechanism and padbolt	No	3
Carried Forward to Summary of Section No. 4			R
Section No. 4			
Bill No. 7			
FENCING (PROVISIONAL)			

Bill No	SECTION SUMMARY - SECTION NO:4 EXTERNAL WORKS	Page No	Amount
1	BULK EARTHWORKS (PROVISIONAL)	97	
2	SOIL DRAINAGE (PROVISIONAL)	99	
3	SEPTIC TANK	104	
4	STORM WATER AND DRAINAGE (PROVISIONAL)	106	
5	WATER RETICULATION (PROVISIONAL)	109	
6	DRIVEWAYS,PARKING AND PAVING (PROVISIONAL)	112	
7	FENCING (PROVISIONAL)	114	
Carried to Final Summary			R
Section No. 4			

CONSTRUCTION OF NDUMO RETAIL CENTRE

Item No		Quantity	Rate	Amount
	<u>SECTION NO. 5</u>			
	<u>BILL NO. 1</u>			
	<u>PROVISIONAL SUMS AND BUDGETARY ALLOWENCES</u>			
	<u>BUDGETARY ALLOWANCES</u>			
	<u>TENSILE CANOPY</u>			
1	Allow the amount of Three Million Five Hundred Thousand Rand (R3,500,000.00) for the design, supply and installation of Tensile Canopy complete with waterproofing by specialist.	Item		3,500,000.00
2	Profit	Item		
3	Allow for general attendance	Item		
	<u>SKY LIGHT</u>			
4	Allow the amount of Five Million Rand (R5000 000.00) for the design, supply and installation of sky light by specialist.	Item		5,000,000.00
5	Profit	Item		
6	Allow for general attendance	Item		
	<u>SIGNAGE</u>			
7	Provide the sum of R 3,500,000.00 (Three Million Five Hundred Thousand Rand) for signage Complete	Item		3,500,000.00
8	Profit	Item		
9	Allow for general attendance	Item		
	<u>LANDSCAPING</u>			
10	Provide the sum of R 3000 000.00 (Three Million Rand) for Landscaping Complete	Item		3,000,000.00
11	Profit	Item		
12	Allow for general attendance	Item		
	Carried Forward		R	
	Section No. 5 Bill No. 1 PROVISIONAL SUMS			

CONSTRUCTION OF NDUMO RETAIL CENTRE

Brought Forward		R	
<u>BOOSTER PUMP</u>			
13	Provide the sum of R 1000 000.00 (Five Hundred Thousand) for two booster Complete	Item	1,000,000.00
14	Profit	Item	
15	Allow for general attendance	Item	
Carried to Final Summary		R	
Section No. 5 Bill No. 1 PROVISIONAL SUMS			

Section No	FINAL SUMMARY	Page No	Amount
1	SECTION NO:1 PRELIMINARIES	35	
2	SECTION NO:2 MALL	66	
3	SECTION NO:3 TAXI RANK	95	
4	SECTION NO:4 EXTERNAL WORKS	115	
5	SECTION NO:5 PROVISIONAL SUMS	117	
	<u>PART A: PRELIMINARIES, BUILDING WORKS AND EXTERNAL WORKS</u>		
	Sub-total (A)		R
	<u>PART B: ELECTRICAL AND MECHANICAL INSTALLATIONS</u>		
	Electrical Installations (Provisional)	Item	9,813,122.10
	Mechanical Installations (Provisional)	Item	16,251,906.00
	Fire Protection Installations (Provisional)	Item	3,005,829.97
	Sub-total (B)		R
	<u>PART C: CONTINGENCY & CPAP ALLOWANCE</u>		
	<u>CONTINGENCY ALLOWANCE</u>		
	Provide a Contingency Allowance of 10% to the above amount to be retracted or used at the sole discretion of the client and the principal agent		R
	Sub-total (B)		R
	Carried Forward		R

Section No	FINAL SUMMARY	Page No	Amount
	Brought Forward		R
	<u>CPAP ALLOWANCE</u>		
	Provide a CPAP allowance of R12,615,079 (Twelve Million Six Hundred and Fifteen Thousand and Seventy nine Rand).	Item	
	Sub-Total (C)		R
	ADD: Value added Tax at 15%		R
	Overall-Total		R
	Carried to Form of Tender		R

PART C3: TENDER

15. C3.1 SUPPLEMENTARY PREAMBLES TO ALL TRADES

The Tenderer is referred to the Model Preambles for Trades as recommended and published by the Association of South African Quantity Surveyors (2008 Edition), which are to be read in conjunction with and shall apply to all items in these Bills of Quantities and supplemented by the following Supplementary Preambles as well as all supplementary documentation referred to in the Bills of Quantities and all annexures appended thereto.

Where Model Preambles for Trades and Supplementary Preambles are in conflict, the Supplementary Preamble shall take precedence.

SUPPLEMENTARY PREAMBLES

The following amplifications, additions and amendments to the Model Preambles for Trades shall constitute the Supplementary Preambles.

1. MATERIALS AND WORKMANSHIP GENERALLY

The standard of workmanship and the quality of materials to be utilized throughout this Contract shall be the best of their respective kinds and shall comply in all respects with the latest South African Bureau of Standards Specifications, Codes of Practice, coordinating Specifications and Standard methods or where not available, with the latest relevant British Standards.

NOTE: All references to Standards are to signify the latest amendments or issue thereof. No substitutes whatsoever shall be permitted for those materials specified and any work which is not of the highest standard shall be rejected and required to be re-done at the Contractor's expense. Furthermore, references to "SANS No" shall mean the "South African National Standard No".

1.1 USE OF ALTERNATIVE PRODUCTS

The tenderer is to note that if he is to use alternative products on the project, he is to submit his request in the form of amendments at the time before tender closure, please refer to **T2.18** forming part of this document. After the time of tender closure, the Principal Agent will not approve any alternative products.

2. RATES

All rates inserted in the Bills of Quantities shall cover all costs, charges and profit that maybe considered necessary for the carrying out and observance for the provisions of

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

these "Preambles to all Trades".

The Tenderer shall insert the amount required against each item which he wishes to price and not insert a lump sum covering a series of items. Only such priced items shall be considered in respect of any adjustment to the Contract Sum. Items left unpriced will be understood to be covered in the rates for other items throughout these Bills of Quantities.

It should be noted that the principal agent together with the Client have the power vested in them of balancing of rates throughout the Bills of Quantities without changing the Contract Value. This is to ensure that the monies of the project are evenly distributed throughout the course of the project.

3. TRADE NAMES, ETC.

All materials, fittings, finishes, etc. specified under a "Trade Name", catalogue number of references shall be either exactly as described or of equal quality, specification and weight to those described. The Principal Agents written approval must be obtained for any departure from the specification before the submission of tenders, failing which specified materials, fittings, finishings, etc. shall be deemed to have been allowed for in the tenders.

4. APPROVED

"Approved" means approved by the Principal Agent in writing.

5. NET MEASUREMENTS

Unless otherwise stated herein, all work is measured net as fixed in position, in accordance with the "Standard System of Measuring Builder's Work in South Africa" - **Seventh Edition as amended 1996 and 2015**, no allowance being made for cutting and waste. The term "measured net" means the finished surface or quantity; i.e., with all wants deducted and no allowance made for passing's and laps except where otherwise described.

To assist the Contractor certain items may have the words "Measured Net" after the respective descriptions, but it is to be clearly understood that this practice does not establish a precedent.

6. DITTO

"Ditto..." shall mean as the foregoing item plus the new qualification.

"Ditto, but..." or "Ditto...ditto" shall mean as the foregoing item but a substitute of the new qualification for the relevant clause in the foregoing item

7. NOMINAL SIZES

Where a component is specified as a nominal size the onus is on the Contractor to establish from the manufacturers the exact size or the likely size variation.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

ALTERATIONS

FORMING NEW OPENINGS OR ALTERING OPENINGS IN EXISTING WALLS

Prices for items of forming new or altering existing openings shall, unless otherwise stated, include the following:

- a) Formwork for concrete cills and thresholds where required.
- b) Inserting 375 micrometer embossed polyethylene sheeting as damp-proof course under external window cills, including breaking out and making good brickwork as necessary.

The supply, etc., of all windows, doors, frames, etc., to the newly formed openings and the removal of all existing windows, doors, frames, etc., from openings to be altered, have been included elsewhere in these Bills of Quantities.

EARTHWORKS

Generally:

Working space to sides of concrete wall footings, column bases, etc. will be measured and paid for only if specifically instructed by the Engineer as being required, and if the Contractor over-excavated areas will be to his account and shall be compacted to the same degree and in the same manner as the backfilling to the remainder of such excavation.

Site Clearance

“Clear Site” shall include for digging up and removing all rubbish, the area of the site to be built upon, removing all small trees, etc. having a circumference vegetable soil and substance from of less than 200mm measured at a height of 1m above ground level including grubbing up all roots and roughly leveling and carting away debris to a site to be found by the Contractor.

Classification of Materials

The Soil Investigation Report is appended to the Back of these Bills of Quantities. The contractor is encouraged to study this document and acquaint himself with the soil conditions.

Carting away of excavated material

Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.

Computation of Quantities

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Earthworks will be measured by volume once only in excavation. The volumes handled will be computed from the difference in elevation between the original ground levels and the specified earthwork levels.

Prices of excavation

Prices for all items of excavation shall include for digging out, any necessary staging required, forming to falls, slopes, curves, etc., trimming sides and stepping, levelling and ramming bottoms and for watering same to the satisfaction of the Principal Agent if so directed.

Prices shall include for any extra labor required in recommencing excavation to make it deeper or wider if the Principal Agent so directs.

Prices shall also include for bulking after excavation and consolidation or filling and for multiple handling of excavated materials as no allowance for bulking or consolidation will be made.

CONCRETE, FORMWORK AND REINFORCEMENT**Prices of Concrete, Formwork and Reinforcement**i. In situ Concrete

Prices of all in situ concrete shall include for mixing, hoisting and lowering to all levels, placing, working around reinforcement, vibrating, compacting, pumping, etc.

ii. Formwork

Descriptions of formwork shall be deemed to include use and waste only (except were described as "left in" or "permanent"), for fitting together in the required forms, wedging, plumbing and fixing to true angles and surfaces as necessary to ensure easy release during stripping and for reconditioning as necessary before re-use.

The vertical strutting shall be carried down to such construction as is sufficiently strong to afford the required support without damages and shall remain in position until newly constructed work is able to support itself.

Formwork to sides of bases, strap beams, etc. will only be measured where it is prescribed by the Engineer for design reasons. Formwork necessitated by irregularity or collapse of excavated faces will not be measured and the cost thereof shall be deemed to be included in the allowance for taking the risk of collapse of the sides of the excavations, provision for which is made in "Earthworks".

The prices of all formwork shall include for use, waste, all straight, square and raking cutting, splayed edges, intersections, struts, hangers, etc. horsing up, wedging, maintaining, easing, striking and removing as and when directed, except were described

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

as "Permanent". The formwork is measured to the actual net surface of the concrete to be supported.

Prices for smooth formwork shall include 25 x 25mm timber to all external angles.

(iii) Power Floating

After the concrete has been properly placed, struck off or rolled, it shall not be worked until ready for floating. The lapse of time between tamping and power floating may vary from 2 to 8 hours or more depending on weather conditions, concrete temperature and concrete mixture. It should be noted that it may be necessary to power float outside normal working hours and prices shall include for this possibility.

Floating shall begin when the water sheen has disappeared or the mix has stiffened enough so that the weight of a man standing on its leaves on a slight imprint on the surface. If two power floating operations are necessary to bring the surface to the desired state, the concrete shall be allowed to stiffen or become harder before beginning the second floating operation.

Sprinkling dry cement or a mixture of dry cement and water on the surface of the fresh concrete to absorb water or to stiffen the mix shall not be permitted during any stage of floor construction.

Power floating shall continue until the surface attains an even fine matt texture. The maximum variation in surface tolerance for power floated floors shall be 3mm in 3000mm. If variations greater than this exist, the Principal Agent may direct the Contractor to grind the floor, at his own cost, to bring the surface within the requirements. Patching of low spots shall not be permitted. Grinding shall be done as soon as possible, preferably within 3 days, but not until the concrete is sufficiently strong to prevent dislodging coarse aggregate particles.

(iv) Steel Reinforcement

The prices for steel reinforcement shall include for the supply, cutting to lengths, bending to the exact dimensions and shapes shown on the drawings and schedules, lowering or hoisting to the various floor levels, placing and wiring in position with and including 1.60 or 1.25mm diameter annealed wire or by the use of all necessary spacers, lifting blocks, etc. and maintaining in position while the concrete is being deposited. Prices of fabric reinforcement shall include unrolling, cutting, bending and binding wire, and for 300mm (minimum) side and end laps, hoisting or lowering and fixing and maintaining in position complete.

COST OF TEST

The costs of making, storing and testing of concrete test cubes shall include the cost of providing

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

cube molds necessary for the purpose, for testing costs and for submitting reports of the tests to the Principal Agent. The testing shall be undertaken by an independent firm or institution nominated by the Contractor to the approval of the Principal Agent. (Test cubes are measured separately.)

BRICKWORK**Clay Bricks**

Stock bricks generally shall be good, hard, sound, well burnt clay stock, even in size and shape and equal to samples to be submitted to and approved by the Principal Agent. No chipped or damaged face bricks shall be allowed.

Wire Ties

Where brickwork is required to be in two skins prices shall include for 3.5mm (minimum) modified P.W.D. type galvanized steel wire ties, at a rate of not less than five per square meter.

Where brickwork is described as being in hollow walls prices shall include for 3.5mm (minimum) Butterfly type galvanized steel wire ties at a rate of not less than five per square meter.

Where brickwork is described as being in lining to concrete, prices shall include for 3.5mm (minimum) Butterfly type galvanized steel wire ties at a rate of not less than five per square meter, and for fixing inside formwork, embedding in concrete and for building into brickwork. Additional ties shall be provided within 230mm of any opening at every fourth course.

Builder's Work to Services

No separate items shall be measured for building in electrical boards, switchboards, pipes, etc. but the contractor shall allow in his price of brickwork for building in distribution boards, switch-boxes, etc. or leaving recesses for same, cutting and fitting around pipes and flushing solid all chases in cement mortar.

Prices

The prices for brickwork, etc. shall include for all cutting, plumbing angles, forming reveals weep holes in cavity walls, waste, and for wedging and pinning to underside of steel or concrete beams, concrete slabs, etc.

Prices shall also include for soaking bricks in water immediately before laying, hoisting bricks and mortar, etc. to various floor levels and for raking out joints of brickwork to be plastered or tiled.

CLEARING OFF

Great care shall be taken to keep face brickwork, brickwork, quarry tiles, etc., free from surplus mortar as the work proceeds and at completion they shall be cleaned off with spirits or salts and water or

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

other approved cleaning materials. Rates shall include for this.

T1.4 ROOF COVERINGS, ETC

T1.5 COLOURED METAL ROOF SHEETING

The sheeting and fittings shall match existing or other approved with standard color finish. The roofing sheets shall be fixed to timber or steel purlins with the appropriate fixing clips,

All fittings, fixing clips, etc., shall be those supplied by the manufacturer of the sheeting.

Fittings, unless otherwise stated, shall be lapped a minimum of 150mm.

Descriptions of all roofing and fittings shall be deemed to include for: -

- Fixing as described and in accordance with the manufacturer's instructions with and including all necessary fixing clips.
- Fastening of fittings to the tops of the vertical ribs with approved pop rivets soldered over or with galvanized and bituminous felt washer
- Notching fittings over ribs of roofing or cladding sheets were described in the items
- Coating the heads of all fasteners and the cut edges of all sheets with matching touch-up compound supplied by the manufacturer of the sheeting and in accordance with their instruction
- Taking special care and precautions at all times to prevent the scratching of or other damage to the finished surfaces.

CARPENTRY AND JOINERY

CONSTRUCTION IN GENERAL

All timbers shall be in as long lengths as possible and except where lapping is possible, timbers up to 76mm in depth shall be halved at junctions and angles and above 76mm shall be splay-scarved at junctions; in all cases the joints shall be arranged over the points of support and well spiked.

PLASTERING

PREPARATION OF SURFACES

Prior to the application of floor finishes, screeds, plaster finishes, etc., the surfaces of the new concrete, brickwork, etc. shall be thoroughly cleaned, chipped, hacked, sloshed, etc. as necessary to ensure a satisfactory bond. The Contractor will be held entirely responsible for the proper and adequate preparation of the surfaces and any work which results in failure in this regard shall be made good at the Contractor's expense to the satisfaction of the Principal Agent.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

PLUMBING AND DRAINAGE

FIXING OF PIPES

Where pipes or gutters are fixed to walls, soffits, roof timbers, etc., descriptions shall be deemed to include for all necessary brackets, holder bats, pipe clips, etc. and for plugging and screwing or cutting and pinning or building tails of holder bats, hangers, etc., to brickwork or concrete in (1:3) cement mortar and for making good. No distinction is made between pipes fixed to different elements, cut in, chased in ceiling, built in etc.

PAINTWORK

Materials

For any particular work the priming coat and subsequent coats of paint shall be executed with paints from the same manufacturer.

The Contractor will be held entirely responsible for the proper and adequate preparation of the surfaces and any work which fails to meet the manufacturer's recommendations must be made good at the Contractor's expense to the satisfaction of the Principal Agent.

Descriptions

Descriptions shall be deemed to include for cutting in of contrasting colors or paints and masking as required.

C3.2 ORDER AND GROUPING OF THE WORKS

The Works will comprise of:

- (a) The construction of all the works as per the information in this document. Tenderers must be aware that drawings are available for the existing buildings.
- (b) This is a Tender for the **APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE** which belongs to Ithala Development Finance Corporation.
- (c) The description is as follows:

APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE
C3.3 SCOPE OF WORK

DESCRIPTION OF WORKS

Construction Mall, taxi rank and market stalls

The project will include the following activities:

- 1 Stormwater

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

- 2 Water Reticulation
- 3 Water Connection
- 4 Sewer Reticulation
- 5 Sewer Connection
- 6 Electricity Reticulation
- 7 Electricity Connection
- 8 Mechanical Works
- 9 Civil Works
- 10 Fencing

CONTRACT PERIOD

The Contract period shall be **24 Months** from the date of site handover to practical completion. (Excluding annual builders' holidays).

CONSTRUCTION METHODOLOGY

No formal construction methodology in terms of which sections of the project are to be completed will be provided by the client nor the professional team at this current point as sectional handovers are not applicable to this project. The winning tenderer will be obliged to submit to the Principal Agent a full programme of works. This is hastily required to eradicate possible long lag and standing times. The submitted programme will be strictly enforced and should changes be required these will need to be updated on the programme and submitted for approval to the Principal Agent.

DRAWINGS

INVOICES AND DELIVERY NOTES

The tenderer is advised that the Principal Agent will at any given time request for Delivery Notes and Invoices to confirm compliance in terms of Specifications and confirmation of delivery of materials.

ISSUING OF ADDENDUMS

The tenderer is to be advised that the queries relating to this tender will close 7 days prior to the tender closing day.

16. C3.4 HEALTH, SAFETY & ENVIRONMENTAL SPECIFICATION

STANDARD HEALTH AND SAFETY SPECIFICATION

Standard Bills

These specifications shall be used in conjunction with all other applicable Health and Safety specifications, Legislation as in Occupational Health and Safety Act no. 85 of 1993 as amended by Act no.181 of 1993, the Construction Regulations as promulgated in 2014 and incorporated into the OHS Act by Government Notice No. R1010 published in Government Gazette 25207, General Safety Regulations as promulgated on 18 July 2006 and incorporated into the OHS Act by Government Notice No. 1010 published in Government Gazette 25207 and all other relevant regulations incorporated into the OHS Act as well as ISO 9 000, all Environmental legislation such as:

- Environment Conservation Act No. 73 of 1989
- National Water Act No. 36 of 1998
- Hazardous Substances Act No. 15 of 1973
- Atmospheric Pollution Prevention Act No.45 of 1965
- Physical Planning Act 88 of 1967
- Construction Regulations 2014

- Constitution of the Republic of South Africa, 1996 (Act No. 108 of 1996);
Occupational Health and Safety Act 85 of 1993, as amended and regulated issues in terms of section 43 of the Act;

- Compensation for Occupational Injuries and Diseases Act 130 of 1993, as amended;
- Basic conditions for Employment Act 75 of 1997, as amended;
- Labour Relations Act 66 of 1995, as amended;
- Employment Equity Act 55 of 1998, as amended;
- Disaster management Act 57 of 2000 as amended;
- Public Service Act 103 of 1994 as amended
- Fire brigade Act 99 of 1997 as amended
- Hazardous Substance Act 15 of 1973 as amended
- General Administration Regulations 2003
- PSCBC Resolution 2 of 1999, as amended
- National Water Act 36 of 1998
- National Building Regulation Act 103 of 1977
- National Environmental Management Act 107 of 1998
- Environmental Conservation Act 73 of 1989
- Road Transportation Act 74 of 1979 as amended
- Tobacco Control Act 83 of 1993 as amended
- Public Service Regulations, 2001, as amended
- Access to Public Premises and Vehicles Act 53 of 1985
- National Health Act 61 of 2003

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

GENERAL

- Client

The Client, ITHALA, shall execute his duties as per Regulation 4 of the Construction Regulations of 2003 that states *inter alia*, the following:

1. A client shall be responsible for the following in order to ensure compliance with the provisions of the Act-
 - Prepare health and safety specifications for the construction work, and provide any Contractor who is making a bid or appointed to perform work for the client with the same;
 - Prepare a baseline risk assessment for an intended construction work project;
 - Prepare a suitable, sufficient documented and coherent site specific health and safety specification for the intended construction work based on the baseline risk assessment completed in paragraph (b).
 - Provide the Architect with the OHS specification contemplated in paragraph (C).
 - Ensure that before work commences that every contractor is registered and in good standing with the Compensation fund or with a registered compensation insurer as contemplated in the Composition for Occupational Injuries and Diseases Act 1993 (Act no 130 of 1993).
 - Appoint each Contractor in writing for the project or part thereof on a construction site;
 - Take reasonable steps to ensure that each Contractor's health and safety plan is implemented and maintained on the construction site. Provided that the steps taken, shall include periodic audits at intervals, mutually agreed upon between the client and the Contractor, construction work, which is not in accordance with, the Contractor's health and safety plan;
 - Ensure that where changes are brought about to the design or construction, sufficient health and safety information and appropriate resources are made available to the principal contractor to execute the work safely;
 - Ensure that every Contractor is registered and in good standing with the Compensation fund or with a licensed compensation insurer prior to commencing on site.
 - Ensure that potential principal contractors submitting tenders, have made provision for the cost of health and safety measures during construction process.
 - Stop any contractor from executing a construction activity which poses a threat to the health and safety of persons which is not in accordance with the client's health and safety specifications and the contractor's health and safety plan for the site.
 - When notification of construction work is required as contemplated in regulation (K) the client may, without degrading from his/her responsibilities or liabilities, appoint a competent person in writing as an agent to act as his/her representative, and where such an appoint is made the duties that are imposed by these Regulations upon a client, apply as far as reasonable practicable to the agent: Provided that, where the questions arises as to whether an agent is necessary, the decision of and inspector is decisive.
An agent contemplated in subregulation (L) must
 - a. Manage the health and safety on a construction project for the client; and
 - b. Be registered with a statutory body approved by the Chief Inspector as qualified perform the required functions.

Therefore, the following specifications from the Client to the Contractor:

- Each and every Contractor shall make the following appointments and provide the necessary training accordingly:

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

- (a) Construction Works Supervisor
- (b) Health and Safety Representatives registered with an approved statutory body
- (c) Health and Safety Committee
- (d) Machinery Supervisor
- (e) Excavation Inspector
- (f) And all the necessary appointments as per the OHS Act and the relevant Regulations

All appointments should be completed before work commencement, signed, dated and completed in full, be fully explained to the nominated individual and should be at all times displayed on Site Notice Board that will have to be at least 600mm by 800mm.

- The Site Notice Board should also inter alia, have the following information on it:
 - a. Site regulations concerning safe working procedures
 - b. Information on the nearest first-aid station
 - c. Ambulance
 - d. Doctor
 - e. CSO's number and
 - f. Other relevant persons
- Each and every Contractor shall give notification of Construction work to the Office of the Department of Labour **PRIOR** to commencement of work.
- Each Contractor shall provide the Client with a Pre Site establishment checklist
- Each Contractor shall to monthly safety audits on the project and provide the Client with a copy thereof
- Each Contractor shall provide to the Client a Health and Safety Representative inspection checklist and ensure that Health and Safety representatives do inspections at least on a monthly basis
- Each Contractor shall provide and demonstrate to the Client a Health and Safety management policy
- As per the General Safety Regulations Regulation 4 as contemplated in the Basic Conditions of Employment Act, No. 3 of 1983, have the relevant amount of trained First-Aiders on site.
- In terms of Regulation 3 of the General Safety Regulations, provide a first-aid box or boxes on the premises of work
- In terms of Section 23 of the OHS Act, provide all workers at all times, with the necessary PPE.
- In terms of the Facilities Regulations provide the necessary facilities such as proper ablution, during space, lockers and any other item as per the Facilities Regulations that is necessary to carry out the work safely and without risk to the health of the workers.
- Keep an incident record book on site at all times.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

SAFE WORKING LOADS

The Contractor shall ensure that where applicable:

- Safe working loads of hoists, load bearing beams and cranes are prominently displayed at all times.
- The safe working loads are not exceeded under any circumstances.
- All lifting gear is marked with a unique identity number and recorded in a register

ELECTRICAL EQUIPMENT AND PROCEDURES USED BY THE CONTRACTOR

All electrical equipment shall be regularly inspected by a qualified electrician, who shall be appointed by the Contractor. And the inspections shall be logged. The frequency of inspections shall be determined by the Client. A record of the inspections shall be kept and shall be made available to the Client on request

The Contractor shall ensure that all his electrical equipment conforms to operational and safety requirements.

All earth leakage units shall be tested at intervals of not more than one month and signed for by a qualified electrician.

COMMISSIONING SAFETY PRECUATIONS

The Contractor shall ensure that wherever repairs, adjustments of any other work are undertaken on any plant or machinery, the power supply is switched off, disconnected or the plant/machinery disengaged until the work or repairs have been completed.

A Certificate of Completion by a qualified master electrician will be issued after electrical work is completed.

TOXIC MATERIALS

The Contractor shall exercise all necessary care in the handling of toxic compounds and shall be able to identify the major chemical components in the event of medical treatment being required.

A designated route as well as a dumping site will be identified for the transportation and disposal of waste material by the service provider.

After disposal of waste material by the waste disposal company a disposal certificate by the service provider will be issued to the client.

INDEMNITY OF THE CLIENT AND HIS AGENTS

Annexure A to this Specification contains a "Mandatory Form of Authority and Agreement in terms of Section 37(2) of the Occupational Health and Safety Act No 85/93, as amended, which agreement shall be entered into and duly signed by both the Client and the Contractor prior to commencement of work. A copy of the signed agreement shall be included in the Contractor's Health and Safety Plan.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Any acceptance, approval, check, certificate, consent, examination, inspection, instruction, notice observation, proposal, request, test or similar act by either the Client or any of his Agents, including lack of disapproval, shall not relieve the Contractor from any responsibility he has under the Act and the relevant regulations (Construction Regulation), including responsibility for errors, omissions, discrepancies and non-compliance.

It must be noted that the Client is overall responsible for all activities and events on the project even with the signing with Section 37 (2) agreement.

SPECIFIC REQUIREMENTS

Design

Inform the client in writing of any known or anticipated dangers or hazards relating to the construction work, and make available all relevant information required for the safe execution of the work upon design or when the design is subsequently altered.

During the design stage, take cognizance of ergonomics design principles in order to minimize ergonomics related hazards in all phases of the life cycle of the structure.

Work sequences are a logical progression of the construction of a building under consideration of the tender documentation, National Building Regulations, Regulations, the Standard Occupational Health and Safety Specifications, other specifications and manufacturers' instructions.

Security

The Contractor's material site must be properly secured.

Existing environment

The surrounding roads and properties will be pointed out to the Contractor at site handover.

If the flow of traffic is in no way going to be hampered by the contractor's work, the necessary traffic authorities must be immediately informed.

Existing services

All known services will be pointed out at site handover.

Contractors must recognize that all services on the site must be expected to be "live" and potentially critical to the safe functioning of the works. Precautions for any work on or near them should be identified, planned, approved and taken accordingly.

In the event that previously unidentified services are discovered, Contractors shall immediately refer detail of location, suspected condition and status to the Client and await instruction. On no account must any services be interfered with without specific instruction and authority.

Ground conditions

As per the geotechnical assessment.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

Related restrictions affecting health and safety

Being in a residential area, normal daytime working hours are to be adhered to in order to minimize disturbance to surrounding residences.

No unauthorized blasting in a residential area will be done without authorization from the client.

Control of pollution

All rubble, refuse, etc. is to be disposed of in accordance with the municipal by-laws.

Needed to mention, the above mentioned health and safety specifications should be used in accordance with the standard specifications as can be found in the existing tender document of the Client.

The Client can and will, if necessary and in the interest of health and safety, amends the above mentioned specifications.

An identified and agreed dumping site will be used in case of hazardous material. A disposal certificate will be issued by the contractor after disposal.

Principal Contractor and Contractor

In terms of Regulation 5 of the Construction Regulations, after receiving the health and safety specifications from the Client, the Principal Contractor shall provide and demonstrate to the Client a Health and Safety Plan. This Health and Safety Plan shall indicate that the (Contractor) shall perform, but is not limited to, the following duties:

GENERAL REQUIREMENTS

- Administration
- Appointments
- Safety committees
- Registers, Checklists and permits
- Incident management
- Emergency planning
- Contractors
- Risk assessment
- Audits
- Hazardous substance control
- Training
- Additional requirements
- Planning

Annexure:

The following annexures should be attached to the Health and Safety Plan and the format should be agreed upon between the Client and the Contractor:

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

- Pro forma for Construction Works Supervisor appointment
- Pro forma for Health and Safety Representative Appointment and his IOSH membership
- Pro forma for Machinery Supervisor appointment
- Pro forma for Excavation Inspector appointment
- Pro forma for Notification of Construction Work
- Pro forma – Pre Site Inspection Checklist
- Monthly Safety Audit Checklist
- Health and Safety Representative Inspection checklist
- Health and Safety Management Policy

CONCLUSION

The objectives of this document is to outline all necessary procedures required to implement and maintain a comprehensive Occupational Health and Safety System for Construction Projects in line with specifications prescribed by the Department of Roads and Public Works.

It is general business imperative of ITHALA to understand and embrace safe working procedures. Violations of simple safety procedures can lead to injury and even loss of life. Every accident, no matter how minor, can be translated into costs against the Project. These costs are both direct (damage to property, medical expenses, etc.) and indirect (investigation proceedings, disruption of work, delay in program, plant replacements, etc.).

In order for an easier understanding of legislative requirements in particular with regard to the Construction Regulations this proposed planning document has been compiled in a very simplistic manner. It will therefore not focus on each and every scenario that may arise and does not intend to convey all requirements of statutes other than the following:

1. Occupational Health and Safety Act No. 85/93 as amended by Act No. 181/93
2. Incorporated Regulations of the Act – Construction Regulations of 2003
3. Relevant SABS codes of the Practice as per Section 40 of the OHS Act.
4. Compensation for Occupational Injury and Diseases Act no. 130 of 1993 as amended.

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

STANDARD ABBREVIATIONS

OCCUPATIONAL HEALTH AND SAFETY

ITEM	TERM	ABBREVIATION
1	Health and Safety	H&S
2	Occupational Health and Safety	OHS
3	Safety Health and environment Representative	SHE REP
4	Hazard Identification and Risk Assessment	HIRA
5	Personal Protective Equipment	PPE
6	General Administrative Regulations	GAR
7	Facilities Regulations	FR
8	General Safety Regulations	GSR
9	Environmental Regulations	ER
10	Electrical Installation Regulations	EIR
11	Asbestos Regulations	AR
12	Driven Machinery Regulations	DMR
13	General Machinery Regulations	GMR
14	Electrical Machinery Regulations	EMR
15	Diving Regulations	DR
16	Lead Regulations	LR
17	Vessels under Pressure Regulations	VPR
18	Regulations for Hazardous Chemicals Substances	HAZCHEM Reg.
19	Major Hazard Installation Regulations	MHIR
20	Construction Regulations	CR
21	Mines Health and Safety Act	MHS ACT
22	Compensation for Occupational Injuries and Diseases Act	COIDA
23	South African Bureau of Standards	SABS
24	Construction Safety Officer	CSO
25	Medical Safety Data Sheet	MSDS
26	Tunneling Regulations	TR

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

27	Traffic Calming Devices	TCD
28	Environmental Impact Assessment	EIA
29	Hazardous Chemical Substances	HCS
30	Dangerous Goods	DG
31	Dry Chemical Powders	DCP

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

HEALTH AND SAFETY SPECIFICATION

BREAKDOWN OF MINIMUM EXPECTED COST ITEMS

CARRY TOTAL TO SECTION C, CLAUSE C11 OF PRELIMINARIES

NO	GENERAL REQUIREMENTS	STATUE	QUANTITY	RATE	AMOUNT
1	Contractor's Health and safety Plan	Regulation 5 of CR	1/site		
2	Contractor's full time construction Supervisor	Regulation 6(1) of CR	1/site		
3	Risk Assessment	Regulation 7(1)	1/site		
4	Fall protection plan	Regulation 8(1)	1/site		
5	Demolition work	Regulation 12 (1) of CR	1		
6	Scaffolding and suspended platforms supervisor (Full time)	Regulation 14(1) of CR	1		
7	Construction welfare facilities	Regulation 28(1)	1		
8	Health and safety induction	Section 13 of OHS ACR 85/93	1		
9	Trained health and safety representatives	Section 17 and 18 of OHS ACT 85/93	2 rep for every ten employees		
10	Trained health and safety committee(s)	Section 19 and 20 of OHS ACT	At least one (1) Committee		
11	Provision of PPE for workers free of charge at employer's expense	Section 23 of OHS Act 85/93	All workers on site		
12	Provision of trained first-aiders full time on site	Regulation 3(94) of GSR	2 trained first-aiders for up to every 10 employees		

ITHALA DEVELOPMENT FINANCE CORPORATION LIMITED
APPOINTMENT OF A CONTRACTOR FOR THE CONSTRUCTION OF NDUMO RETAIL CENTRE

13	Log books including health and safety file full time on site	Regulation 8(1) of GAR	1		
14	Notices on site	Regulation 11(1) of GAR	3		
15	Safety straps, safety harnesses, safety rails and safety devices	Section 8 of OHS ACT 85/93			
16	Full time health and safety officer on site		1		