



Supplier Park Development Company SOC Ltd t/a  
Automotive Industry Development Centre  
*Your partner in becoming globally competitive*

## SUPPLIER PARK DEVELOPMENT COMPANY T/A AIDC

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### CONTRACT AIDC\_T00\_23

### Refurbishment of the existing canteen

## PROVISIONAL BILLS OF QUANTITIES

#### PRINCIPAL AGENT:

Pro-pert cc

*Project and Property Management  
Consultants*

**PRO-PERT cc**

PROJECT AND PROPERTY MANAGEMENT CONSULTANTS  
3 PETER STREET, FERNDALE, RANDBURG, 2194 - P.O. BOX 1278 FERNDALE 2160  
Tel: 011-791-2800 Fax: 0866-21-21-25 Cell: 083-461-6464 email: pro-pert@telkomsa.net



#### INTERIOR DESIGNER:

*Spatial Projects and Design*

**SPATIAL**

PROJECTS & DESIGN

CREATING THE FUTURE

#### QUANTITY SURVEYORS:

*S.M. Maré & Associates  
(Pty) Ltd*

**SM MARÉ  
& ASSOCIATES**

Quantity Surveyors  
Construction Cost Consultants

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July 2023

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**AIDC: EXISTING CANTEEN REFURBISHMENT**

**PART 1**

**PRINCIPAL BUILDING AGREEMENT: CONTRACT DATA**

**(Returnable document)**

**Note: Part 1** shall be duly completed and delivered together with the tender.

The tender shall be considered incomplete if this documentation is **NOT** submitted together with the tender in which case such tender shall be liable for rejection

The **JBCC** Principal Building Agreement **contract data** forms an integral part of this **agreement**

**Part 1: Principal Building Agreement: Contract Data**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

**PRINCIPAL BUILDING AGREEMENT: TENDER CONTRACT DATA**

**Note:** *The following contract data is for tender purposes only. The contract data will be carried over to the **JBCC Principal Building Agreement: Contract Data** once the successful tenderer is appointed.*

The Conditions of Contract are the **JBCC Principal Building Agreement inclusive of the Contract Data (Edition 6.2 - May 2018)** prepared by the Joint Building Contracts Committee Inc.

Copies of these documents may be obtained from the JBCC, Association of South African Quantity Surveyors, the Master Builders Association, the South African Association of Consulting Engineers or the South African Institute of Architects.

Each item of data given below is cross-referenced to the clause in the **JBCC** Principal Building Agreement and the **Contract Data** to which it mainly applies.

**Part 1: Principal Building Agreement: Contract Data**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

**A PROJECT INFORMATION****A 1.0 Works [1.1]**

Project name	AIDC Existing Canteen Refurbishment
Reference number	TBC
<b>Works</b> description	Refurbishment of the existing canteen, kitchen, outdoor sitting area, service restaurant and take-out area

**A 2.0 Site [1.1]**

Erf / stand number	Erf 548
Township / Suburb	Rosslyn Extension 2
<b>Site</b> address	Automotive supplier park, 30 Helium street Akasia
Local authority	City of Tshwane

**A 3.0 Employer [1.1]**

Name	Automotive Industry Development Centre		
Legal entity of above	Company	Contact person	Mr. Marvel Raphulu
Business registration number		Telephone number	012 564 5001
VAT / GST number		Mobile number	
Country	South Africa	E-mail	mraphulu@aidc.co.za
Postal address		Postal code	
Physical address	30 Helium Street, Akasia		
		Postal code	

**A 4.0 Principal agent [1.1]**

Name	Pro-Pert CC		
Legal entity of above	Close Corporation	Contact person	Mr. Tinus Schoeman
Business registration number	1976/004486/07	Telephone number	
		Mobile number	083 461 6464
Country	South Africa	E-mail	info@pro-pert.co.za
Postal address	P.O Box 1278 Fernadale		
		Postal code	2160
Physical address	3 Peter Street Fernadale		
		Postal code	2194

**Part 1: Principal Building Agreement: Contract Data**  
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<b>A 5.0 Agent [1.1; 6.2]</b>	Discipline	Interior Designer		
Name	Spatial Project & Design (Pty) Ltd			
Legal entity of above	Company	Contact person	Ms. Annebell De Clercq	
Business registration number	2020/711702/07	Telephone number		
		Mobile number	082 674 7403	
Country	South Africa	E-mail	info@spatialprojects.co.za	
Postal address	781A Panbult street Faerie Glen Pretoria			
		Postal code	0081	
Physical address				
		Postal code		

<b>A 6.0 Agent [1.1; 6.2]</b>	Discipline	Quantity Surveyor		
Name	SM Maré and Associates Pty Ltd			
Legal entity of above	Company	Contact person	Ms Michelle Mashaba	
Business registration number	2020/166306/23	Telephone number	012 998 5248	
		Mobile number	060 554 1478	
Country	South Africa	E-mail	michelle@smmareqs.co.za	
Postal address	P.O. Box 73700, Lynnwood Ridge			
		Postal code	0040	
Physical address	Unit No 22, Garsfontein Office Park, 645 Jacqueline Drive,			
	Pretoria	Postal code	0042	

<b>A 7.0 Agent [1.1; 6.2]</b>	Discipline	N/A		
Name				
Legal entity of above		Contact person		
Business registration number		Telephone number		
		Mobile number		
Country		E-mail		
Postal address				
		Postal code		
Physical address				
		Postal code		

<b>A 8.0 Agent [1.1; 6.2]</b>	Discipline	N/A		
Name				
Legal entity of above		Contact person		
Business registration number		Telephone number		
		Mobile number		
Country		E-mail		
Postal address				
		Postal code		
Physical address				
		Postal code		

**Part 1: Principal Building Agreement: Contract Data**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

<b>A 9.0 Agent [1.1; 6.2]</b>	Discipline	N/A	
Name			
Legal entity of above		Contact person	
Business registration number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			
		Postal code	
Physical address			
		Postal code	

<b>A 10.0 Agent [1.1; 6.2]</b>	Discipline	N/A	
Name			
Legal entity of above		Contact person	
Business registration number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			
		Postal code	
Physical address			
		Postal code	

<b>A 11.0 Agent [1.1; 6.2]</b>	Discipline	N/A	
Name			
Legal entity of above		Contact person	
Business registration number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			
		Postal code	
Physical address			
		Postal code	

**Part 1: Principal Building Agreement: Contract Data**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

<b>A 12.0 Agent [1.1; 6.2]</b>	Discipline	N/A	
Name			
Legal entity of above		Contact person	
Business registration number		Telephone number	
		Mobile number	
Country		E-mail	
Postal address			
		Postal code	
Physical address			
		Postal code	

**B CONTRACT INFORMATION**

**B 1.0 Definitions [1.1]**

Bills of quantities: System/Method of measurement:	7th Edition of the Standard System
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**B 2.0 Law, regulations and notices [2.0]**

Law applicable to the works, state country:	RSA
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**B 3.0 Offer and acceptance [3.0]**

Currency applicable to this agreement [3.2]:	South African Rands (R)
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**B 4.0 Documents [5.0]**

The original signed **agreement** is to be held by the **principal agent** [5.2], if not, indicate by whom:

Employer
Three (3)

Number of copies of **construction information** issued to the **contractor** at no cost [5.6]:

Documents comprising the <b>agreement</b>	Page numbers
The <b>JBCC</b> Principal Building Agreement, Edition 6.2 May 2018	1 to 30
The <b>JBCC</b> Principal Building Agreement - Contract Data, Edition 6.2 May 2018	1 to 14
The <b>JBCC</b> General Preliminaries for use with the <b>JBCC</b> Building Agreement - Contract Data, Edition 6.2 May 2018	1 to 7
Bills of Quantities	48 Pages

**Part 1: Principal Building Agreement: Contract Data**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

	<b>Contract drawings</b> - description	Number	Revision	Date
	See Part 4 - Tender drawing list			

**B 5.0 Employer's agents [6.0]**

Authority is delegated to the following **agents** to issue **contract instructions** and perform duties for specific aspects of the **works** [6.2]

Refer to Bill No. 1 - Preliminaries

**Principal agent's** and **agents'** interest or involvement in the **works** other than a professional interest [6.3]

N/A

**B 6.0 Insurances [10.0]**

Insurances by <b>employer</b>			Amount including <b>tax</b>	Deductible amount including <b>tax</b>
Contract works insurance:			Contract Sum	
	New <b>works</b> [10.1.1] ( <b>contract sum</b> or amount)		N/A	
or	<b>Works</b> with <b>practical completion</b> in <b>sections</b> [10.2] ( <b>contract sum</b> or amount)		N/A	
or	<b>Works</b> with alterations and additions [10.3] (reinstatement value of existing structures with or including new <b>works</b> )		N/A	
	<b>Direct contractors</b> [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	<b>Free issue</b> [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	Escalation, professional fees and reinstatement costs if not included above		25%	
Total of the above contract works insurance amount			Contract Sum	
Supplementary insurance [10.1.2; 10.2]			N/A	
Public liability insurance [10.1.3; 10.2]			N/A	
Removal of lateral support insurance [10.1.4; 10.2]			N/A	
Other insurances [10.1.5]				
Yes/no:	No	If yes, description 1		N/A
Yes/no;	No	If yes, description 2		N/A

**Part 1: Principal Building Agreement: Contract Data**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

<b>and/or</b>				
Insurances by <b>contractor</b>			Amount including <b>tax</b>	Deductible amount including <b>tax</b>
Contract works insurance:			N/A	
	New <b>works</b> [10.1.1] ( <b>coamountsum</b> or amount0		N/A	
	<b>Direct contractors</b> [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	<b>Free issue</b> [10.1.1; 10.2] where applicable, to be included in the contract works insurance		N/A	
	Escalation, professional fess and reinstatement costs if not included above		N/A	
Total of the above contract works insurance amount			N/A	
Supplementary insurance [10.1.2]			N/A	
Public liability insurance [10.1.3]			R10,000,000.00	R10,000.00
Removal of lateral support insurance [10.1.4]			N/A	
Other insurances [10.1.5]				
Yes/no:	No	If yes, description 1	N/A	
Yes/no:	No	If yes, description 2	N/A	

#### **B 7.0 Obligations of the employer [12.1]**

Existing premises will be in use and occupied [12.1.2]		Yes/no:	Yes
If yes, description	Refer to Bill No. 1 - Preliminaries		
Restriction of working hours [12.1.2]		Yes/no:	Yes
If yes, description	Refer to Bill No. 1 - Preliminaries		
Natural features and known services to be preserved by the contractor [12.1.3]		Yes/no:	No
If yes, description	N/A		
Restrictions to the <b>site</b> or areas that the <b>contractor</b> may not occupy [12.1.4]		Yes/no:	Yes
If yes, description	Refer to Bill No. 1 - Preliminaries		
Supply of <b>free issue</b> [12.1.10]		Yes/no:	Yes
If yes, description	Refer to Bill No. 5 - Ceilings, Partitions and Access Flooring		

**Part 1: Principal Building Agreement: Contract Data**  
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**B 8.0 Nominated subcontractors [14.0]**

Specialisation 1	Wilde Crane Interior Studio
Specialisation 2	N/A
Specialisation 3	N/A
Specialisation 4	N/A
Specialisation 5	N/A

**B 9.0 Direct contractors [16.0]**

Extent of work [12.1.11]	N/A
Extent of work [12.1.11]	
Extent of work [12.1.11]	
Extent of work [12.1.11]	
Extent of work [12.1.11]	

**B 10.0 Description of sections [20.1]**

Section 1	N/A
Section 2	
Section 3	
Section 4	
Section 5	
Section 6	
Section 7	
Section 8	
Section 9	

**B 11.0 Possession of site [12.1.5] practical completion [19.0;20.0] and penalties [24.0]**

Practical completion for the works as a whole	Intended date of possession of the site [12.1.5]	Period for inspection by the principal agent [19.3]	Date for practical completion [12.2.7; 24.1]	Penalty [24.1]
	Date:	working days:	Date:	Penalty amount per calendar day
	TBC	5	TBC	R3,000.00

or where **sections** are applicable

Practical completion of a section of the works	Intended date of possession of the site [12.1.5]	Period for inspection by the principal agent [19.3]	Date for practical completion [12.2.7; 24.1]	Penalty [24.1]
	Date:	working days:	Date:	Penalty amount per calendar day
Section 1	N/A	N/A	N/A	N/A
Section 2				
Section 3				
Section 4				
Section 5				
Section 6				
Section 7				
Section 8				
Section 9				
Remainder of the works				

Criteria to achieve **practical completion** not covered in the definition of **practical completion**

Refer to Bill No. 1 - Preliminaries

#### B 12.0 Payment [25.0]

Date of month for issue of regular <b>payment certificates</b> [25.2]	20th day of the month	
Cost fluctuations [25.3.4;26.9.5]	Yes/No:	No
If yes, method to calculate	N/A	

#### B 13.0 Dispute resolution [30.0]

Adjudication [30.6.1; 30.10] Name of nominating body	To be agreed by both Parties, failing which the JBCC Adjudication Rules will apply
Applicable rules for adjudication [30.6.2]	
Arbitration [30.7.4; 30.10] Name of nominating body	Association of Arbitrators South Africa NPC
Applicable rules for arbitration [30.7.5]	

**Part 1: Principal Building Agreement: Contract Data**  
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**B 14.0 JBCC General Preliminaries - selections**

Provisional bills of quantities [P2.2]	Yes/no:	Yes
Availability of construction information [P2.3]	Yes/no:	Yes
Previous work - dimensional accuracy - details of previous contract(s) [P3.1]	Refer to Bills of Quantities	
Previous work - <b>defects</b> - details of previous contract(s) [P3.2]	N/A	
Inspection of adjoining properties - details [P3.3]	N/A	
Handing over <b>site</b> in stages - specific requirements [P4.1]	N/A	
Enclosure of the <b>works</b> - specific requirements [P4.2]	Yes	
Geotechnical and other investigations - specific requirements [P4.3]	N/A	
Existing premises occupied - details [P4.5]	Yes	
Services -known - specific requirements [P4.6]	Yes	
Water [P8.1]	By <b>contractor</b>	Yes/no: No
	By <b>employer</b>	Yes/no: Yes
	By <b>employer</b> - metered	Yes/no: No
Electricity [P8.2]	By <b>contractor</b>	Yes/no: No
	By <b>employer</b>	Yes/no: Yes
	By <b>employer</b> - metered	Yes/no: No
Ablution and welfare facilities [P8.3]	By <b>contractor</b>	Yes/no: Yes
	By <b>employer</b>	Yes/no: No
Communication facilities - specific requirements [P8.4]	N/A	
Protection of the <b>works</b> - specific requirements [P11.1]	N/A	
Protection / isolation of existing <b>works</b> and <b>works</b> occupied in <b>sections</b> - specific requirements [P11.2]	Protection of existing work is required - Refer to Bills of Quantities	
Disturbance - specific requirements [P11.5]	Work within occupied and operational canteen building- Refer to Bills of Quantities	
Environmental disturbance - specific requirements [P11.6]	Work within occupied and operational canteen building - Refer to Bills of Quantities	

**B 15.0 Changes made to JBCC documentation**Reference may be made to other documents forming part of this **agreement**

Refer to Bill no. 1 - Preliminaries

**C TENDER CLOSING**

Tender closing date	<b>TBC</b>	Time:	<b>TBC</b>
Tender submission address	<b>TBC</b>		
Tenders may be submitted by e-mail	Yes/no:	<b>TBC</b>	E-mail: <b>TBC</b>

**D TENDERER'S SELECTION**

**D 1.0 Securities [11.0]**

**Guarantee for construction:** Select Option A or B

Option A	<b>Guarantee for construction</b> (variable) by <b>contractor</b> [11.1.1]
Option B	<b>Guarantee for construction</b> (fixed) by <b>contractor</b> [11.1.2]
<b>Guarantee for payment by employer</b> [11.5.1; 11.10]	Amount:
Advance payment, subject to <b>guarantee for advance payment</b> [11.2.2; 11.3]	Amount:

**D 2.0 Contractor's annual holiday periods during the construct period**

Year 1 <b>contractor's</b> annual holiday period	Start date:		End date:	
Year 2 <b>contractor's</b> annual holiday period	Start date:		End date:	
Year 3 <b>contractor's</b> annual holiday period	Start date:		End date:	

**D 3.0 Payment of preliminaries [25.0]**

Select Option A or B  Where the contractor does not select and option, Option **A** shall apply

Where the total amount of **preliminaries** is not identified (in a lump sum contract) it shall be taken as 7,5% (seven and a half per cent) of the **contract sum**, excluding contingency sums and any provision for contract price adjustment (cost fluctuation)

Option A	Assessed by the <b>principal agent</b> , an amount prorated to the value of the <b>works</b> executed in the same ratio as the amount of the <b>preliminaries</b> to the <b>contract sum</b> which <b>contract sum</b> shall exclude the amount of <b>preliminaries</b> . Contingency sum(s) and any provision for contract price adjustment (cost fluctuations) shall be excluded for the calculation of the aforesaid ratio
Option B	An amount agreed by the <b>principal agent</b> and the <b>contractor</b> in terms of the <b>bills of quantities</b> or the <b>priced document</b> to identify an initial establishment charge, a time based charge and a final disestablishment charge. Payment of the time-based charge shall be adjusted from time to time as may be necessary to take into account the progress of the <b>works</b>

**D 4.0 Adjustment of preliminaries [26.9.4]**

Select Option A or B  Where the contractor does not select and option, Option **A** shall apply

**Part 1: Principal Building Agreement: Contract Data**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

The amount of **preliminaries** shall be adjusted to take account of the effect of changes in time and/or value on **preliminaries**. Such adjustment shall be based on the particulars provided by the **contractor** for this purpose in terms of Option A or B, shall preclude any further adjustment of the amount of **preliminaries** and shall apply notwithstanding the actual employment of resources by the **contractor** in execution of the **works**

For the adjustment of **preliminaries** both the **contract sum** and the **contract value** shall exclude the amount of **preliminaries**, contingency sum(s) and any provision for contract price adjustment (cost fluctuations)

Where the total amount of **preliminaries** is not identified (in a lump sum contract) it shall be taken as 7,5% (seven and a half per cent) of the **contract sum**, excluding contingency sums and any provision for contract price adjustment (cost fluctuation)

Option A	<p>The <b>preliminaries</b> shall be adjusted in accordance with the allocation of preliminaries amounts to be provided by the <b>contractor</b> within fifteen (15) <b>working days</b> of the date of acceptance of the tender as follows:</p> <ul style="list-style-type: none"> <li>• An amount which shall not be varied;</li> <li>• An amount varied in proportion to the <b>contract value</b> as compared to the <b>contract sum</b>;</li> <li>• An amount varied in proportion to the number of <b>calendar days</b> extension to the date of <b>practical completion</b> to which the <b>contractor</b> is entitled with an adjustment of the <b>contract value</b> as compared to the number of <b>calendar days</b> in the initial <b>construction period</b></li> </ul> <p>Where the above-mentioned is not provided the following allocation of preliminaries amounts shall apply:</p> <ul style="list-style-type: none"> <li>• Ten per cent (10%) shall not be varies;</li> <li>• Fifteen per cent (15%) shall be varied in proportion to the <b>contract value</b> as compared to the <b>contract sum</b>;</li> <li>• Seventy-five per cent (75%) shall be varied in proportion to the number of <b>calendar days</b> extension to the date of <b>practical completion</b> to which the <b>contractor</b> is entitled with an adjustment of the <b>contract value</b> as compared to the number of <b>calendar days</b> in the initial <b>construction period</b></li> </ul> <p>Where completion in sections is required the contractor shall provide an apportionment of <b>preliminaries</b> per <b>section</b>. Should the <b>contractor</b> fail to provide the apportionment of <b>preliminaries</b> per <b>section</b> the categorised amounts shall be prorated to the cost of each <b>section</b> within the <b>contract sum</b> as determined by the <b>principal agent</b></p>
Option B	<p>The <b>preliminaries</b> shall be adjusted in accordance with the detailed breakdown of <b>preliminaries</b> amounts for the <b>works</b> or of a <b>section</b> to be provided by the <b>contractor</b> within fifteen (15) <b>working days</b> of possession of the <b>site</b>. Such breakdown shall inter alia include administrative and supervisory staff charges and charges for the use of <b>construction equipment</b>, all in terms of the <b>programme</b></p> <p>The adjustment of <b>preliminaries</b> shall be based on the number of <b>calendar days</b> extension to the date of <b>practical completion</b> to which the <b>contractor</b> is entitled with an adjustment of the <b>contract value</b> as compared to the number of <b>calendar days</b> in the initial <b>construction period</b> taking into account the resources planned for the period of construction during which the delay occurred (not for the period added to the initial or extended date for <b>practical completion</b>)</p> <p>Where the <b>contractor</b> does not provide the detailed breakdown of <b>preliminaries</b> during the period stated, Option A shall apply</p>

**E FORM OF TENDER**

**E 1.0 Tenderer's details**

Name			
Legal entity of above		Contact person	
Business registration number		Telephone number	
VAT / GST number		Mobile number	
Country		E-mail	
Postal address			
		Postal code	
Physical address			
		Postal code	

**E 2.0 Acceptance of tender conditions**

By submission of this tender to the **employer** the tenderer offers and agrees to execute and complete the **works** and to remedy any **defects** in conformity with the specification for the tender amount stated

The tender shall remain in full and legal force for **ninety (90) calendar days** from the closing date of the tender. The tender accepts liability for loss or damages that may be suffered by the **employer** should the tender validity period not be honoured

The lowest or any tender will not necessarily be accepted by the **employer** nor will reasons be given for such decision

**E 3.0 Tender amount compilation**

			Amount
Tender's work excluding tax			
<b>Tax</b>	<b>15.00</b>	<b>%</b>	
Total tender amount including tax			
Total tender amount including tax, in words			

Signature		Place			
	Tenderer who by signature hereto warrants authority				
Name		Capacity		Date	
Signature		Place			

	Witness		
Name		Date	

**E 4.0 Tender qualifications**


**PART 2**

**JBCC PRINCIPAL BUILDING AGREEMENT**

**Part 2: Principal Building Agreement  
AIDC: EXISTING CANTEEN REFURBISHMENT**

**PART 2.1**

**JBCC PRINCIPAL BUILDING AGREEMENT**

The **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) prepared by the Joint Building Contracts Committee shall be the applicable building agreement, amended as hereinafter described

The **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) is available for inspection at the offices of the Quantity Surveyor, or may be purchased from the **JBCC**

**Part 2: Principal Building Agreement**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

**PART 3**

**PRINCIPAL BUILDING AGREEMENT: PRELIMINARIES**

The **JBCC** General Preliminaries (May 2018) published by the Joint Building Contracts Committee for use with the **JBCC** Principal Building Agreement (Edition 6.2 - May 2018) shall be deemed to be incorporated in these **bills of quantities**, amended as hereinafter described

The **JBCC** General Preliminaries (May 2018) is available for inspection at the offices of the Quantity Surveyor, or may be purchased from the **JBCC**

**Part 3: Principal Building Agreement: Preliminaries**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

**PART 4**

**PRINCIPAL BUILDING AGREEMENT: TENDER DRAWING REGISTER**

**Part 4: Tender Drawing Register  
AIDC: EXISTING CANTEEN REFURBISHMENT**

**TENDER DRAWING REGISTER:**

AIDC BUILDERS PLAN LAYOUT REV 1	-	Builders Plan
AIDC CEILING PLAN LAYOUT	-	Ceiling Layout
AIDC FURNITURE LAYOUT LAYOUT	-	Furniture Plan
AIDC FLOOR FINISHES LAYOUT	-	Floor Finish Layout
AIDC JOINERY CARPENTRY TAKE OUT COUNTER LAYOUT	-	Take out counter layout
AIDC JOINERY CARPENTRY RESTAURANT COFFEE STATION LAYOUT	-	Restaurant Layout
AIDC JOINERY CARPENTRY BOOTH LAYOUT	-	Restaurant booth layout
AIDC JOINERY CARPENTRY RAISED BOOTH SEATING LAYOUT	-	Raised booth Layout
AIDC JOINERY CARPENTRY TILL POINTS LAYOUT	-	Till points Layout

**Part 4: Tender Drawing Register**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

**PART 5**  
**HEALTH AND SAFETY**

**Part 5: Health and Safety Mandatory Agreement**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

**Part 5.1**

**HEALTH AND SAFETY MANDATORY AGREEMENT**

**Part 5: Health and Safety Mandatory Agreement  
AIDC: EXISTING CANTEEN REFURBISHMENT**

**HEALTH AND SAFETY MANDATORY AGREEMENT**

between

**THE EMPLOYER AND THE CONTRACTOR**

in terms of

**SECTION 37(2) OF THE OCCUPATIONAL HEALTH AND SAFETY ACT,**

**(NO. 85 OF 1993)**

Mandatory Agreement between

**AUTOMOTIVE INDUSTRY DEVELOPMENT AGENCY**

**("Employer")**

and

.....**[FULL NAME]**

[.....]

**("The Contractor")**

as envisaged by Section 37(2) of the Occupational Health and Safety Act, No. 85 of 1993, as amended ("**OHS Act**").

I, ..... representing the **Employer**

and

I, ..... representing the **Contractor**,

do hereby

1. record that

1.1 The **Employer** and the **Contractor** have entered into or shall enter into a contract in terms of which the **Contractor** erect certain works for

.....("**the Building Project**"); and

1.2 the **Contractor** is therefore in the position of a mandatory as set forth in section 37(2) of the **Occupational Health and Safety Act** in respect of the **Building Project**;

**Part 5: Health and Safety Mandatory Agreement**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

- 1.3 agree, in terms of Section 37(2) of the **OHS Act**, that the following arrangements and procedures shall apply between these parties to ensure compliance by the **Contractor** with the provisions of the **OHS Act**, in the course of and in connection with the provision of the subcontracted activities in 1.1 above and the **Building Project**, namely;
- 1.4 The **Contractor** undertakes to acquaint the appropriate officials and employees of the **Contractor** with all relevant provisions of the **OHS Act** and the Regulations promulgated in terms of the **OHS Act**;
- 1.5 The **Contractor** undertakes that all relevant duties and obligations and prohibitions imposed in terms of the **OHS Act** and all Regulations issued in terms of the OHS Act ("**the Regulations**") will be fully complied with by the **Contractor** in the execution of the works;
- 1.6 The **Contractor** hereby accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed in terms of the **OHS Act** and the Regulations and expressly absolves the **employer** from itself being obligated with any of the aforesaid duties, obligations and prohibitions imposed in terms of the **OHS Act** and the Regulations;
- 1.7 The **Contractor** agrees that the duly authorised officials of the **employer** shall be entitled, although not obliged, to take such steps as may be necessary to ensure that the **Contractor** has complied with his undertakings as set out more fully in clauses 2 and 3 above, which steps may include, but will not be limited to, the right to inspect any appropriate site or premises occupied by the **Contractor**, or to inspect any appropriate records held by the **Contractor**, in terms of the **OHS Act** requirements;
- 1.8 Wherever required, the **Contractor** shall, at his own cost and expense appoint a competent person as contemplated in the General Machinery Regulations, 1988 GN R1521.
- 1.9 The **Contractor** shall be obliged to report forthwith to the **Employer** any investigation, complaint or criminal charge, which may arise as a consequence of the provisions of the **OHS Act** and/or the Regulations, pursuant to the provision of the subcontracted activities in 1.1 above and the **Contractor** shall, on written demand, forthwith provide to the **Employer** full details in writing of such investigation, complaint or criminal charge.

SIGNED THIS ..... DAY OF ..... 20..... AT.....

on behalf of

THE **CONTRACTOR**: .....

on behalf of

THE **EMPLOYER**: .....

Name: Marvel Raphulu  
Automotive Supplier Development Agency

**Part 5: Health and Safety Mandatory Agreement**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

**PART 6**

**PRINCIPAL CONTRACT BILLS OF QUANTITIES**

**(Returnable document)**

**Provisional**

**Quantities in the tender document are provisional. The final scope of works will be determined and quantities be adjusted accordingly. The Employer will not be responsible for or pay for expenses or losses, which may be incurred by the Contractor in this regard.**

**Part 6: Bills of Quantities  
AIDC: EXISTING CANTEEN REFURBISHMENT**

**PART 6.1**

**PRINCIPAL CONTRACT BILLS OF QUANTITIES**

**Pricing Instructions**

**Part 6: Bills of Quantities**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

## **PRICING INSTRUCTIONS**

- 1 The pricing documentation comprises of the following:
  - Part 6.1 - Principal Contract Bill of Quantities - Pricing Instructions
  - Part 6.2 - Principal Contract Bill of Quantities
- 2 The JBCC Principal Building Agreement Series 2000 (Edition 6.2 - May 2018), the Contract Data contained in the Principal Building Agreement Contract Data, the Specifications and the Drawings shall be read in conjunction with the Bills of Quantities.
- 3 The pages of these bills of quantities are numbered consecutively as indexed.
 

The Tenderer shall check the number of the pages and should any be missing or duplicated, or the reproduction be indistinct, or if any doubt exist as to the full intent or meaning of any description or these Bills of Quantities contain any obvious errors, the Tenderer shall notify the Quantity Surveyor at once who shall promptly give written directive. No liability whatsoever will be admitted in respect of errors in any tender due to the above-mentioned causes.

Should any query be found to be of any influence to the tender, the Quantity Surveyor should immediately inform all other Tenderers of the detail thereof.
- 4 Prices shall be quoted in South African currency and shall be EXCLUSIVE of Value Added Tax (VAT). Provision is made in the tender summary for the lump sum addition of VAT and the total, inclusive of VAT, are then carried to the form of tender.
- 5 The amounts and rates to be inserted in the Bill of Quantities shall be the full inclusive amounts to the Employer for the work described under the items. Such amounts shall cover all the costs and expenses that may be required in and for the construction of the work described, and shall cover the costs of all the general risks, profits, taxes (but excluding value-added tax), liabilities and obligations set forth or implied in the documents on which the Tender is based.
- 6 An amount or rate shall be entered against each item in the Bill of Quantities, whether or not quantities are stated. An item against which no amount or rate is entered will be considered to be covered by the other amounts or rates in the Bill.
- 7 The Tenderer shall also fill in a rate against the items where the words "rate only" appear in the amount column. Although no work is foreseen under these items and no quantities are consequently given in the quantity column, the tendered rates shall apply should work under these items actually be required.
- 8 Should the Tenderer group a number of items together and tender one sum for such group items, the single tendered sum shall apply to that group of items and not to each individual item, or should he indicate against any item that full compensation for such item has been included in another item, the rate for the item included in another item shall be deemed to be nil.

**Part 6: Bills of Quantities**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

- 9 The tendered rates, prices and sums shall, subject only to the provisions of the Conditions of Contract, remain valid irrespective of any change in the quantities during the execution of the Contract.
- 10 The quantities of work as measured and accepted and certified for payment in accordance with the Conditions of Contract, and not the quantities stated in the Bill of Quantities, will be used to determine payments to the Contractor. The validity of the Contract shall in no way be affected by differences between the quantities in the Bill of Quantities and the quantities certified for payment.
- 11 Ordering of materials are not to be based on the Bill of Quantities, but only on the information issued for construction purposes.
- 12 The tenderer is referred to the general specification document as included within this tender document. Where the specification and Bills of Quantities are in contradiction, the Bills of Quantities will apply.
- 13 Where trade names are references, it is deemed to include the working "Similar or exceeding equal, as approved by the Principal Agent".
- 14 For the purposes of this Bill of Quantities, the following words shall have the meanings hereby assigned to them:
- Unit: The unit of measurement for each item of work as defined in the Standardized, Project or Particular Specifications.
- Quantity: The number of units of work for each item
- Rate: The payment per unit of work at which the Tenderer tenders to do the work
- Amount: The quantity of an item multiplied by the tendered rate of the (same) item
- Sum: An amount tendered for an item, the extent of which is described in the Bill of Quantities, the Specifications or elsewhere, but of which the quantity of work is not measured in units.
- 15 By submission of a tender, the Tenderer will be deemed to have acquainted himself fully with the tender documents, local authority requirements and by-laws, and all aspects of the work envisaged in the documents prior to pricing and submission of his tender.
- 16 All the recipients of tender documents shall, whether they submit a tender or not, treat the details of these documents as confidential and their general content shall not be disclosed or discussed with third parties without the prior approval of the Quantity Surveyor. All documents shall be returned to the Quantity Surveyor's office whether a tender is submitted or not within 7 calendar days.

**Part 6: Bills of Quantities**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

- 17 No unauthorised alteration or addition shall be made to the form of tender, to the bills of quantities or to any other portion of the tender documents. If any such alteration or alteration is made or if the bills of quantities is not properly completed the tender may be rejected and the Employer will not be bound by such alterations.
- 18 The Employer will not be responsible for or pay for expenses or losses that may be incurred by any Tenderer in the preparation of the tender or in visiting the site in connection herewith.
- 19 While the Employer reserves the right to accept or not accept any tender, the intention is that a tender will be accepted. The successful Tenderer will be appointed as the main contractor in terms of the JBCC Principal Building Agreement. No reason for the acceptance or rejection of any tender will be given.
- 20 The Tenderer may not withdraw his tender after the time set for opening tenders without any tender having been accepted.

Should a Tenderer amend or withdraw his tender after the specified date and hour, but prior to his being notified of the acceptance thereof, or should a Tenderer after having being notified that his tender has been accepted:

- a. give notice of his inability to execute the contract in terms of his tender: or
  - b. fail to sign a contract or furnish the security within the period fixed in the tender conditions reflected on the form of tender or any extended period fixed by the Employer;
- or
- c. fail to execute the contract;

he shall pay all additional expenses, damages and/or losses which the Employer may incur in calling for fresh tenders or paying the difference between his tender and less favourable tender accepted in terms of the provisions of the last paragraph of this item: Provided that the Employer may at its sole discretion exempt a Tenderer from the provisions of this sub-rule if he is of the opinion that the circumstances justify the exemption.

When, in the circumstances mentioned in the second paragraph of this item, the Employer deems it not desirable to invite fresh tenders, then the Employer may accept another tender from those already received.

- 21 The Employer may ask any Tender for clarification/s of his tender. Nevertheless, no Tenderer will be permitted to alter his tender sum after the tenders have been opened, although clarification, which does not change the tender sum, may be accepted.

The Employer reserves the right to appoint a firm of public accountants to report on the financial capacity of any Tenderer. The Tenderer shall provide all reasonable help and information in such an investigation

All written information submitted by the Tenderer together with and in support of his tender shall be considered to form the basis on which the tender has been prepared and submitted.

**Part 6: Bills of Quantities**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

22 The Quantity Surveyor reserves the right to correct arithmetical or other errors in the extension of rates and totals in the tender. The Tenderer will be informed of the effect of any corrections prior to the signing of the contract. In no case will the tender sum be adjusted when correcting such errors.

23 In the event of there being any rate or rates which are declared to be unacceptable by the Quantity Surveyor for reasons which the Quantity Surveyor will indicate, the Tenderer will, in terms of Item 21 be requested to:

- a. either justify and specify rate or rates, i. e. to give a financial breakdown on how such a rate or rates were obtained or calculated, or
- b. consider amending and adjusting such a rate or rates while retaining the tender sum unchanged and fixed.

In the event that the Quantity Surveyor requests the Tenderer to adjust any unacceptable rate or rates, the Quantity Surveyor may at his discretion limit any such adjustments to rates in specific sections of the Bills of Quantities.

On no account will the Quantity Surveyor permit the Tenderer to use such an opportunity to re-price extensive sections of the bills of quantities, even though the tender sum remains unchanged.

**PART 6.2**

**PRINCIPAL CONTRACT BILLS OF QUANTITIES**

**Part 6: Bills of Quantities**  
**AIDC: EXISTING CANTEEN REFURBISHMENT**

Item No		Quantity	Amount R
	<p><b><u>BILL No. 1</u></b></p> <p><b><u>PRELIMINARIES</u></b></p> <p><b><u>BUILDING AGREEMENT AND PRELIMINARIES</u></b></p> <p>The JBCC Series 2000 Principal Building Agreement (July 2007 edition) prepared by the Joint Building Contract Committee shall be the applicable building agreement, amended as hereinafter described.</p> <p>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.</p> <p>Contractors are referred to the above mentioned documents for the full intent and meaning of each clause thereof.</p> <p>These clauses are hereinafter referred to by clause number and heading only. Where standard clauses or alternatives are not entirely applicable to this contract 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 abovementioned documents.</p> <p>Where any item is not relevant to this specific contract such item is marked N/A, signifying "not applicable".</p> <p><b><u>PREAMBLES FOR TRADES</u></b></p> <p>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.</p> <p>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.</p> <p>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.</p>		
	<p style="text-align: right;"><b>Carried Forward</b></p> <p><b>Bill No. 1</b>  <b>PRELIMINARIES</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>	R	

	<p style="text-align: right;"><b>Brought Forward</b></p> <p><b><u>PRICING OF PRELIMINARIES</u></b></p> <p>Should the contractor select Option A in terms of subclause 3.2.1 in the Contract Data - Contractor to Employer (CE) for the purpose of adjustment of these preliminaries, the amount entered into the amount column in these preliminaries is to be divided into one or more of the three categories provided namely Fixed (F), Value Related (V) and Time Related (T).</p> <p><b><u>SECTION A - PRINCIPAL BUILDING AGREEMENT</u></b></p> <p><b><u>Definitions</u></b></p> <p>1 Clause 1.0 - Definitions and interpretation  F:..... V:..... T:.....</p> <p><b><u>Objective and preparations</u></b></p> <p>2 Clause 2.0 - Offer acceptance and performance obligations  F:..... V:..... T:.....</p> <p>3 Clause 3.0 - Documents  F:..... V:..... T:.....</p> <p>4 Clause 4.0 - Design responsibility  F:..... V:..... T:.....</p> <p>5 Clause 5.0 - Employer's agents  F:..... V:..... T:.....</p> <p>6 Clause 6.0 - Contractor's site representative  F:..... V:..... T: .....</p> <p>Clause 7.0 - Compliance with laws and regulations</p> <p>7 Without limiting the generality of the provisions of clause 7.0, the contractor's attention is drawn to the provisions of the Construction Regulations, 2003 issued in terms of the Occupational Health and Safety Act, 1993 and the employers requirements as listed hereafter.</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p><b>Bill No. 1  PRELIMINARIES  AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>	<p style="text-align: center;">R</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">R</p>	
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	<b>Brought Forward</b>	R	
1	<p><u>Occupational Health and Safety Act</u></p> <p>The contractor shall price opposite this item for compliance with the Occupational Health and Safety Act and the Client's "Occupational Health and Safety Agreement".</p> <p>F:..... V:..... T: .....</p>	Item	
2	<p>Clause 8.0 - Works risk</p> <p>F:..... V:..... T:.....</p>	Item	
3	<p>Clause 9.0 - Indemnities</p> <p>F:..... V:..... T:.....</p>	Item	
4	<p>Clause 10.0 - General insurances</p> <p>F:..... V:.....T:.....</p>	Item	
5	<p>Clause 11.0 - Special insurances</p> <p>F:..... V:..... T:.....</p>	Item	
6	<p>Clause 12.0 - Effecting insurances</p> <p>F:..... V:.....T:.....</p>	Item	
7	<p>Clause 13.0 - Assignment</p> <p>F:..... V:..... T:.....</p>	Item	
8	<p>Clause 14.0 - Security</p> <p>F:..... V:..... T:.....</p> <p>Clause 14.0 - Security</p>	Item	
9	<p>14.1 The form of security will be Retention (Payment reduction). Retention (payment reduction) on the value in terms of 31.4.1 and 31.4.2 certified in a <b>payment certificate</b> shall be deducted at:</p>		
10	<p>14.1.1 Ten percent (10%) of such value to the date of <b>practical completion</b> up to a limit of five percent (5%) of the <b>contract sum inclusive of V.A.T.</b></p>		
	<b>Carried Forward</b>	R	
	<p><b>Bill No. 1</b>  <b>PRELIMINARIES</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		

	<b>Brought Forward</b>	R	
1	<p>14.1.2 Two and a half percent (2,5%) of the <b>contract sum</b> after the date of <b>practical completion</b> to, but not including, the date of issue of the final <b>payment certificate</b>. The retention held shall be increased to include any unpaid amount due in terms of 31.12 in the previous <b>payment certificate</b></p>		
2	<p>14.1.3 Nil percent (0%) of the <b>contract value</b> in the final <b>payment certificate</b>. The retention held shall be increased to include any unpaid amount due in terms of 31.12 in the previous <b>payment certificate</b>"</p> <p>F:..... V:..... T:.....</p> <p><b>Execution</b></p>	Item	
3	<p>Clause 15.0 - Preparation for and execution of the works</p> <p>F:..... V:..... T:.....</p>	Item	
4	<p>Clause 16.0 - Site and access</p> <p style="padding-left: 40px;">Clause 16.7 - <i>Existing services and points of connection are shown on the site plan or will be pointed out on site by the principal agent</i></p> <p style="padding-left: 40px;">Clause 16.8 - <i>The Contractor to allow to protect existing trees, shrubs, etc. outside the works area and hand over at completion in same condition</i></p> <p>F:..... V:..... T:.....</p>	Item	
5	<p>Clause 17.0 - Contract instructions</p> <p>F:..... V:..... T:.....</p>	Item	
6	<p>Clause 18.0 - Setting out of the works</p> <p>The contractor shall notify the principal agent if any encroachments of adjoining foundations, buildings, structures, pavements, boundaries, etc. exist in order that the necessary arrangements may be made for the rectification of any such encroachments.</p> <p>F: ..... V:.....T:.....</p>	Item	
	<b>Carried Forward</b>	R	
	<p><b>Bill No. 1</b>  <b>PRELIMINARIES</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		

		<b>Brought Forward</b>	R	
1	<p>Clause 19.0 - Temporary works and plant</p> <p style="padding-left: 20px;">Subclause 19.1.1 - <i>Enclosure of the works is necessary</i></p> <p style="padding-left: 20px;">Subclause 19.1.2 - <i>Office accommodation is necessary</i></p> <p style="padding-left: 20px;">Clause 19.2 - <i>Main notice board is necessary</i></p> <p>F:..... V:..... T: .....</p>		Item	
2	<p>Clause 20.0 - Nominated subcontractors</p> <p>F:..... V:..... T: .....</p>		Item	
3	<p>Clause 21.0 - Selected subcontractors</p> <p>F:..... V:..... T:.....</p>		Item	
4	<p>Clause 22.0 - Employer's direct contractors</p> <p>F:..... V:..... T:.....</p>		Item	
5	<p>Clause 23.0 - Contractor's domestic subcontractors</p> <p>F:..... V:..... T:.....</p>		Item	
	<b><u>Completion</u></b>			
6	<p>Clause 24.0 - Practical completion</p> <p>The contractor shall not receive any mark-up for overheads and profit on any omission of tenant installation work or tenant installation work by others. Claims of loss of profit shall not be entertained</p> <p>F:..... V:..... T:.....</p>		Item	
7	<p>Clause 25.0 - Works completion</p> <p>F:..... V:..... T:.....</p>		Item	
8	<p>Clause 26.0 - Final completion</p> <p>F:..... V:..... T:.....</p>		Item	
9	<p>Clause 27.0 - Latent defects liability period</p> <p>F:..... V:..... T:.....</p>		Item	
		<b>Carried Forward</b>	R	
	<p><b>Bill No. 1</b>  <b>PRELIMINARIES</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

	<b>Brought Forward</b>	R	
1	<p>Clause 28.0 - Sectional completion</p> <p>F:..... V:..... T:.....</p>	Item	
2	<p>Clause 29.0 - Revision of date for practical completion</p> <p>The removal and replacement of materials and/or workmanship which do not conform to specification or drawing shall not constitute grounds for the extension of the construction period nor for the adjustment of the contract value (Clause 29.3).</p> <p>F:..... V:..... T:.....</p>	Item	
3	<p>Clause 30.0 - Penalty for late or non-completion</p> <p>F:..... V:..... T:.....</p>	Item	
	<b>Payment</b>		
4	<p>Clause 31.0 - Interim payment Payment will be made in accordance with the standard JBCC terms and conditions of contract with the payment period being 15 days from date of Project managers payment certificate and not the 7 days stipulated in the JBCC terms and conditions of contract. ADDITIONAL TERMS AND CONDITIONS To contain the escalation and possible rate of exchange fluctuation costs on plant and equipment, contractors will be required to place orders for plant/equipment immediately upon approval of shop drawings and /or equipment submissions by the engineers. The plant and /or equipment can be manufactured and delivered to site. Plant /equipment will be paid for as material on site within 30 days of certificate and proof of material on site, even though the equipment / plant is to be installed much later in the contract programme. This will enable tenderers to secure / fix quotations, thus eliminating further escalation and rate of exchange fluctuations. Contractors are to ensure that the said plant and equipment so ordered and delivered are tested prior to delivery. Guarantee and maintenance period will commence as from date of first start up - AND NOT FROM FIRST DATE OF DELIVERY TO SITE. Contractors are to take this into account when placing orders with suppliers</p> <p>F:..... V:..... T:.....</p>	Item	
	<b>Carried Forward</b>	R	
	<p><b>Bill No. 1</b>  <b>PRELIMINARIES</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		

	<b>Brought Forward</b>	R	
1	<p>Clause 32.0 - Adjustment to the contract value</p> <p>All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor.</p> <p>Where prices are submitted by the contractor or n/s subcontractor during the progress of the works in respect of contract instructions or in regard to a claim under the terms of the contract and notwithstanding the fact that such prices may be used in an interim payment certificate, there is to be no presumption of acceptance. Approval or acceptance of any new rates by the Principal Agent will be within sixty (60) days of submission of claims subject to the provision of all supporting documentation and shall be in writing.</p> <p>F:..... V:..... T:.....</p>	Item	
2	<p>Clause 33.0 - Recovery of expense and loss</p> <p>F:..... V:..... T:.....</p>	Item	
3	<p>Clause 34.0 - Final account and final payment</p> <p>F:..... V:..... T:.....</p>	Item	
4	<p>Clause 35.0 - Payment to other parties</p> <p>F:..... V:..... T:.....</p> <p><b><u>Termination</u></b></p>	Item	
5	<p>Clause 36.0 - Termination by employer - contractor's default</p> <p>F:..... V:..... T:.....</p>	Item	
6	<p>Clause 37.0 - Termination by employer - loss and damage</p> <p>F:..... V:..... T:.....</p>	Item	
7	<p>Clause 38.0 - Termination by contractor - employer's default</p> <p>F:..... V:..... T:.....</p>	Item	
8	<p>Clause 39.0 - Termination - cessation of the works</p> <p>F:..... V:..... T:.....</p>	Item	
	<b>Carried Forward</b>	R	
	<p><b>Bill No. 1</b>  <b>PRELIMINARIES</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		

	<b>Brought Forward</b>	R	
	<b><u>Dispute</u></b>		
1	Clause 40.0 - Settlement of disputes  F:..... V:..... T:.....	Item	
	<b><u>Contract agreement</u></b>		
2	Clause 41.0 - Post tender provisions  The required post tender information shall be inserted in the post tender provisions after consultation with the contractor.	Item	
3	Clause 42.0 - Contractual agreement  The required information of the contracting parties and the amount of the accepted contract sum shall be inserted in the contractual agreement for signature of the agreement by the contracting parties.	Item	
4	Clause 43.0 - Occupational Health and Safety Act (New Clause)  <i>A new clause 43.0 is hereby inserted as follows:</i>		
5	<b>"OCCUPATIONAL HEALTH AND SAFETY ACT</b>		
	43.1 <i>The contractor undertakes, in the execution of the works, to comply with all health and safety laws, applicable to the works and all health and safety rules, guidelines and procedures otherwise required under the contract and shall ensure that his subcontractors, employees and others under the contractor's direction and control likewise observe and comply with the foregoing</i>		
6	43.2 <i>Without derogating from the provisions of clause 43.1, to the extent that the Construction Regulations 2003 (promulgated under the Occupation Health and Safety Act 85 of 1993 ("the Construction Regulations") apply to the works, the contractor:</i>		
7	<i>43.2.1 accepts that the employer appoints him as the "Principal Contractor" as defined and provided for under the Construction Regulations;</i>		
8	<i>43.2.2 warrants that the contract sum includes a sufficient amount for proper compliance with the Construction Regulations in execution of works; and</i>		
	<b>Carried Forward</b>	R	
	<b>Bill No. 1 PRELIMINARIES AIDC: EXISTING CANTEEN REFURBISHMENT</b>		

	<b>Brought Forward</b>	R	
1	<p>43.2.3 undertakes, in the execution of the works, to comply with the Construction Regulations and shall ensure that his sub -contractors, employees and others under the contractor’s direction and control likewise observe and comply therewith"</p> <p>F:..... V:..... T:.....</p>	Item	
	<p><b><u>SECTION B - PRELIMINARIES</u></b></p> <p><b><u>Definitions and interpretation</u></b></p>		
2	<p>Clause 1.0 - Definitions and interpretation</p> <p>F:..... V:..... T:.....</p>	Item	
	<p><b><u>Documents</u></b></p>		
3	<p>Clause 2.1 - Checking of documents</p> <p>F:..... V:..... T: .....</p>	Item	
4	<p>Clause 2.2 - Provisional bills of quantities</p> <p>These bills of quantities are in multiple procurement format ie the "wet trades" - earthworks, concrete, formwork and reinforcement, precast concrete, masonry, waterproofing and sub-surface drainage - are fully measured and the subsequent trades are budgetary allowances and/or specialist subcontract amounts</p> <p>F:..... V:..... T:.....</p>	Item	
5	<p>Clause 2.3 - Availability of construction documentation</p> <p>The budgetary allowances and selected or nominated subcontract amounts allocated for subsequent trades included in this document will be separately procured, based on multiple procurement of selected and/or nominated subcontractors during the construction period. Subcontractors will be evaluated and approved and not necessary by lowest price but by price, competence, etc</p> <p>F:..... V:..... T:.....</p>	Item	
	<p><b><u>Previous work and adjoining properties</u></b></p>		
6	<p>Clause 3.1 - Previous work - dimensional accuracy</p> <p>F:..... V:..... T:.....</p>	Item	
	<b>Carried Forward</b>	R	
	<p><b>Bill No. 1 PRELIMINARIES AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		

		<b>Brought Forward</b>	R	
1	Clause 3.2 - Previous work - defects F:..... V:..... T:.....		Item	
2	Clause 3.3 - Inspection of adjoining properties F:..... V:..... T:.....		Item	
	<b><u>Samples, shop drawings and manufacturer's instructions</u></b>			
3	Clause 4.1 - Samples of materials F:..... V:..... T:.....		Item	
4	Clause 4.2 - Workmanship samples F:..... V:..... T:.....		Item	
5	Clause 4.3 - Shop drawings F:..... V:..... T:.....		Item	
6	Clause 4.4 - Compliance with manufacturer's instructions F:..... V:..... T:.....		Item	
	<b><u>Deposits and fees</u></b>			
7	Clause 5.1 - Deposits and fees F:..... V:..... T:.....		Item	
	<b><u>Temporary services</u></b>			
8	Clause 6.1 - Water F:..... V:..... T:.....		Item	
9	Clause 6.2 - Electricity F:..... V:..... T:.....		Item	
10	Clause 6.3 - Telecommunication facilities F:..... V:..... T:.....		Item	
		<b>Carried Forward</b>	R	
	<b>Bill No. 1 PRELIMINARIES AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

		<b>Brought Forward</b>	R	
1	<p>Clause 6.4 - Ablution facilities</p> <p>F:..... V:..... T:.....</p> <p><b><u>Prime cost amounts</u></b></p>		Item	
2	<p>Clause 7.1 - Responsibility for prime cost amounts</p> <p>F:..... V:..... T:.....</p> <p><b><u>Special attendance on n/s subcontractors</u></b></p>		Item	
3	<p>Clause 8.1 - Special attendance</p> <p>F:..... V:..... T:.....</p> <p><b><u>General</u></b></p>		Item	
4	<p>Clause 9.1 - Protection of the works</p> <p>F:..... V:..... T: .....</p>		Item	
5	<p>Clause 9.2 - Protection/isolation of existing/sectionally occupied works</p> <p>F:..... V:..... T:.....</p>		Item	
6	<p>Clause 9.3 - Security of the works</p> <p>F:..... V:..... T:.....</p>		Item	
7	<p>Clause 9.4 - Notice before covering work</p> <p>F:..... V:..... T:.....</p>		Item	
8	<p>Clause 9.5 - Disturbance</p> <p>F:..... V:..... T:.....</p>		Item	
9	<p>Clause 9.6 - Environmental disturbance</p> <p>F:..... V:..... T: .....</p>		Item	
10	<p>Clause 9.7 - Works cleaning and clearing</p> <p>F:..... V:..... T: .....</p>		Item	
		<b>Carried Forward</b>	R	
	<p><b>Bill No. 1</b>  <b>PRELIMINARIES</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

		<b>Brought Forward</b>	R	
1	<p>Clause 9.8 - Vermin</p> <p>F:..... V:..... T:.....</p>		Item	
2	<p>Clause 9.9 - Overhand work</p> <p>F:..... V:..... T:.....</p>		Item	
	<p><b><u>Schedule of variables</u></b></p> <p>Information necessary for elections and completion of those clauses contained in the schedule which are necessary for tender purposes is given hereunder. Where no information is given it shall mean that no specific requirements are expected or that the clause is not relevant to this specific contract.</p>			
	<p>10.1 - Provisional bills of quantities [clause 2.2] The quantities are provisional where indicated</p>	Yes		
	<p>10.2 - Availability of construction documentation [clause 2.3] Construction documentation is complete</p>	Yes		
	<p>10.3 - Previous work - dimensional accuracy [clause 3.1]</p>	N/A		
	<p>10.4 - Previous work - defects [clause 3.2]</p>	N/A		
	<p>10.5 - Inspection of adjoining properties [clause 3.3]</p>	N/A		
	<p>10.6 - Water [clause 7.2]</p> <p>Option A (by contractor)</p> <p>Option B (by employer - free of charge)</p> <p>Option C (by employer - metered)</p>	<p>No</p> <p>Yes</p> <p>No</p>		
		<b>Carried Forward</b>	R	
	<p><b>Bill No. 1 PRELIMINARIES AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

	Brought Forward	R
10.7 - Electricity [clause 7.3] Option A (by contractor) <span style="float: right;">No</span> Option B (by employer - free of charge) <span style="float: right;">Yes</span> Option C (by employer - metered) <span style="float: right;">No</span>		
10.8 - Telecommunications [clause 7.4] Telephone <span style="float: right;">No</span> Facsimile <span style="float: right;">No</span> E-mail <span style="float: right;">No</span>		
10.9 - Ablution facilities [clause 7.5] Option A (by contractor) <span style="float: right;">No</span> Option B (by employer) <span style="float: right;">Yes</span>		
10.10 - Protection of the works [clause 9.1] <span style="float: right;">Yes</span>		
10.11 - Protection/isolation of existing/sectionally occupied works [clause 9.2] Protection/isolation is required <span style="float: right;">Yes</span>		
10.12 - Disturbance [clause 9.5]  <b>Specific requirements:</b>  <i>The existing premises will be in occupation during the building operations and due allowance must be made for the work being carried out in such a manner as will least interfere with the general routine of the occupants or as may be directed by the principal agent.</i>  <i>Tenderers shall allow for all the above in their tenders.</i>		
10.13 - Environmental disturbance [clause 9.6] <span style="float: right;">Yes</span>		
<b>Bill No. 1                      PRELIMINARIES                      AIDC: EXISTING CANTEEN REFURBISHMENT</b>	<b>Carried Forward</b>	R

	<b>Brought Forward</b>	R	
	<b><u>SECTION C - SPECIFIC PRELIMINARIES</u></b>		
1	<p><b>Site instructions</b></p> <p>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.</p> <p>F:..... V:..... T:.....</p>	Item	
2	<p><b>Overtime</b></p> <p>Should overtime be required to be worked for any reason whatsoever, the costs of such overtime are to be borne by the contractor unless the principal agent has specifically authorised in writing, prior to the execution thereof, that costs for such overtime are to be borne by the employer.</p> <p>F:..... V:..... T:.....</p>	Item	
3	<p><b>As Built Drawings</b></p> <p>The position of construction breaks and the extent of individual concrete pours are to be recorded by the contractor on the structural engineer's drawings and are to be submitted to the principal agent and the structural engineer for their records.</p> <p>F:..... V:..... T:.....</p>	Item	
4	<p><b>Labour record</b></p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number and description of tradesmen and labourers employed by him and all subcontractors on the works each day.</p> <p>F:..... V:..... T:.....</p>	Item	
5	<p><b>Plant record</b></p> <p>At the end of each week the contractor shall provide the principal agent with a written record, in schedule form, reflecting the number, type and capacity of all plant, excluding hand tools, currently used on the works.</p> <p>F:..... V:..... T:.....</p>	Item	
	<b>Carried Forward</b>	R	
	<p><b>Bill No. 1 PRELIMINARIES AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		

	<p style="text-align: right;"><b>Brought Forward</b></p> <p><b>1 Non cession of monies</b></p> <p>The contractor shall not cede nor assign his rights or claims to any monies due or to become due under this contract.</p> <p>F:..... V:..... T:.....</p> <p><b>2 Warranties for material and workmanship</b></p> <p>Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the firm supplying the materials and/or doing the work and shall deliver same to the principal agent on the certified completion of the contract. The warranty shall state that workmanship, materials and installation are warranted for a specified period from the date of final completion and that any defects that may arise during the specified period shall be made good at the expense of the firm supplying the materials and/or doing the work, upon written notice to do so. The warranty will not be enforced if the work is damaged by defects in the construction of the building in which case the responsibility for replacement shall rest entirely with the contractor.</p> <p>F:.....V:.....T:.....</p> <p><b>3 Co-operation of contractor for cost management</b></p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the final building cost does not exceed the budget. The principal agent undertakes to make available to the contractor all budgetary allowances and cost assessments/reports to enable the proper procedure to be implemented and the contractor shall attend all cost plan review and cost management meetings. The contractor undertakes to extend these procedures, as necessary, to all subcontractors.</p> <p>F:.....V:.....T:.....</p> <p><b>4 <u>Summit Place Office Park</u></b></p> <p>The rules and regulations of Summit Place Office Park shall deemed to be incorporated herein. The Employer will not be responsible or pay for expenses or losses which may be incurred by the Contractor due to these rules and regulations.</p> <p>F:..... V:..... T:.....</p> <p style="text-align: right;"><b>TOTAL CARRIED TO SUMMARY</b></p> <p><b>Bill No. 1 PRELIMINARIES AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>	<p style="text-align: center;">R</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">Item</p> <p style="text-align: center;">R</p>	<table border="1" style="width: 100%; height: 100%;"> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> <tr> <td style="width: 50%;"></td> <td style="width: 50%;"></td> </tr> </table>				

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 2</u></b></p> <p><b><u>ALTERATIONS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>View site</u></p> <p>Before submitting his tender the contractor shall visit the site and satisfy himself as to the nature and extent of the work to be done and the value of the materials contained in the buildings or portions of the buildings to be demolished. The descriptions below are a brief scope of the work involved and no claim for any variations of the contract sum in respect of the nature and extent of the work or of inferior or damaged materials will be entertained.</p> <p><u>Explosives</u></p> <p>No explosives whatsoever may be used for demolition purposes unless otherwise stated.</p> <p><u>Sequence in taking down structural elements</u></p> <p>In taking down and removing existing work the utmost care shall be taken to prevent any structural or other damage to remaining portions of the buildings. The principal agent shall determine the sequence of taking down/building up of new brick walls. The tenderer is to make provision for the above in his rates. No claims arising from the above will be entertained.</p> <p><u>General</u></p> <p>The contractor shall carry out the whole of the works with as little mess and noise as possible and with a minimum of disturbance to adjoining premises and their tenants. He shall provide proper protection and provide, erect and remove when directed, any temporary tarpaulins that may be necessary during the progress of the works, all to the satisfaction of the principal agent.</p>			
	<p style="text-align: right;"><b>Carried Forward</b></p> <p><b>Bill No. 2</b>  <b>ALTERATIONS</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		R	

	<p style="text-align: center;"><b>Brought Forward</b></p> <p>In taking down and removing existing work the utmost care shall be taken to prevent any structural or other damage to remaining portions of the buildings. The principal agent shall determine the sequence of taking down/building up of new brick walls. The tenderer is to make provision for the above in his rates. No claims arising from the above will be entertained.</p> <p>Water supply pipes and other piping that may be encountered and found necessary to disconnect or cut, shall be effectually stopped off or grubbed up and removed, and any new connections that may be necessary shall be made with proper fittings, to the satisfaction of the principal agent.</p> <p>Doors, fanlights, fittings, frames, linings, etc which are to be re-used shall be thoroughly overhauled before refixing including taking off, easing and rehangng, cramping up, re-wedging as required and making good cramps, dowels, etc, and easing, oiling, adjusting and repairing ironmongery as necessary, replacing any glass damaged in removal or subsequently and stopping up all nail and screw holes with tinted plastic wood to match timber, unless otherwise described. Re-painting or re-varnishing is given separately.</p> <p>Prices for taking out of doors, windows, etc shall include for removal of all beads, architraves, ironmongery, etc.</p> <p>Prices for taking out and removing doors and frames shall include for removing door stops, cabin hooks, etc and making good floor and wall finishes to match existing.</p> <p>With regard to building up of openings in existing walls, cement screeds and pavings, granolithic, tops of walls, etc, shall be levelled and prepared for raising of brickwork.</p> <p>Making good of finishes shall include making good of the brick and concrete surfaces onto which the new finishes are applied, where necessary.</p> <p>The contractor will be required to take all dimensions affecting the existing buildings on the site and he will be held solely responsible for the accuracy of all such dimensions where used in the manufacture of new items (doors, windows, fittings, etc).</p> <p style="text-align: center;"><b>Carried Forward</b></p> <p><b>Bill No. 2 ALTERATIONS AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		<p style="text-align: center;">R</p>	
			<p style="text-align: center;">R</p>	

<b>Brought Forward</b>				R
<u>Credit for old material</u>				
<p>No provision is made to price credit for old materials separately. Should the tenderer allow credit on any of the items hereafter, a list referring to the item and page number indicating the unit, rate and amount of credit allowed must be provided with the priced bills of quantities. Should the tenderer fail to do so and the client decide to keep any or all of the old materials, the tenderer will have no claim for extra payment for old materials remaining the property of the client.</p>				
<b><u>TEMPORARY WORKS, ETC</u></b>				
<u>Temporary barriers, screens, etc including removal</u>				
1	Drywall barrier approximately 2800mm high formed of suitable timber framing covered on both sides with 12,7mm gypsum board panels and finished with two coats interior quality emulsion paint on one side including corners, ends, etc and completely sealed off with approved sealant	m	10	
2	Extra over drywall barrier for 40mm hollow core flush door 813 x 2012mm high with 3mm "Masonite" veneer on both sides with concealed hardwood edges to vertical edges hung to and including standard natural anodised aluminium door frame with a Sondor SBR expanded Neoprene self-adhesive strip to edges of aluminium frames and with one pair of 100mm aluminium hinges and fitted with and including two lever lockset	No	2	
<b><u>REMOVAL OF EXISTING WORK</u></b>				
<u>Breaking down and removing brickwork etc</u>				
3	One brick wall	m <sup>2</sup>	4	
<u>Taking down and removing ceilings, partitions, etc</u>				
4	Suspended ceilings including suspension grid, hangers, etc	m <sup>2</sup>	259	
5	Suspended bulkheads including suspension grid, hangers, etc	m <sup>2</sup>	51	
<b>Carried Forward</b>				R
<p><b>Bill No. 2</b>  <b>ALTERATIONS</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>				

<b>Brought Forward</b>			R
<u>Taking up and removing vinyl floor coverings, vinyl wall linings, carpeting, etc including coved skirtings, etc</u>			
1	Vinyl tile/sheet floor covering from existing tiled floor (floor tiles removed elsewhere)	m <sup>2</sup>	51
2	Vinyl wall cladding from brickwork including preparing walls for a new finish	m <sup>2</sup>	21
<u>Hacking up/off and removing ceramic tile floor and wall finishes including removing mortar bed or backing and preparing concrete or brick surfaces for new screed, plaster or tile finishes</u>			
3	Ceramic tiles to floors and prepare floors to receive new floor finishes	m <sup>2</sup>	103
4	Ceramic tiles to walls and prepare walls to receive new plaster or wall tiles	m <sup>2</sup>	24
<u>Taking out and removing sundry joinery work from brickwork or concrete to be demolished, setting aside for later re-use or handing over to client</u>			
5	Granite tops, plugged	m	5
6	Meranti skirting, plugged	m	22
<u>Hacking up/off and removing wallpaper from walls</u>			
7	Wallpaper to walls and prepare walls to receive new plaster or wall tiles	m <sup>2</sup>	10
<b><u>BUILDING UP OPENINGS</u></b>			
<u>Brickwork in NFP bricks in class II mortar in building up openings and making good plaster on both sides (making good paintwork, wall cladding, etc elsewhere)</u>			
8	One brick walls	m <sup>2</sup>	1
<b>Carried Forward</b>			R
<b>Bill No. 2 ALTERATIONS AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

<b>Brought Forward</b>				R
	<p><u>"GYPWALL Classic 63F30S42" with fire rating of 30 minutes and sound rating of Rw 42 dB consisting of 1 layer Gyproc RhinoBoard 12.5mm fixed to one side only of the framework using Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm at maximum 220mm centres. Donn UltraSTEEL™ Studs 63.5mm x 35mm friction fitted into top and bottom Donn UltraSTEEL™ Track 63.5mm x 25mm at 600mm centres. Floor and head track fixed with one line of fixings spaced at 600mm centres. Donn Deep Track 63.5mm x 40mm shall be used in areas subject to deflection. Apply Gyproc RhinoTape to all joints and internal corners. Install Donn Corner Bead to all external corners. Cover Gyproc RhinoTape with one layer of Gyproc RhinoGlide. Wall surface to be finished with one layer RhinoLite MultipurposeRhinoLite, all in accordance with the manufacturer's recommendations</u></p>			
1	<p>Partitioning in closing up window opening 1200 x 600mm high overall including forming junction with existing gypsum plastered wall finish along edges</p> <p><u>Sundries</u></p>	No	1	
2	<p>Cutting toothings and bonding new brickwork to existing</p>	m <sup>2</sup>	1	
<b>TOTAL CARRIED TO SUMMARY</b>				R
<p><b>Bill No. 2 ALTERATIONS AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>				

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 3</u></b></p> <p><b><u>MASONRY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>BRICKWORK</u></b></p> <p><u>Sizes in descriptions</u></p> <p>Where sizes in descriptions are given in brick units, "one brick" shall represent the length and "half brick" the width of a brick</p> <p><u>Hollow walls</u></p> <p>Descriptions of hollow walls shall be deemed to include leaving every fifth perpend of the bottom course of the external skin open as a weep hole</p> <p><u>Reinforced brick lintels</u></p> <p>Lintels shall bear at least 160mm onto adjacent walling. Where such bearing cannot be obtained due to the proximity of adjacent openings the lintel shall be continuous</p> <p><u>Face bricks</u></p> <p>Bricks shall be ordered timeously to obtain uniformity in size and colour</p> <p><u>Pointing</u></p> <p>Descriptions of recessed pointing to fair face brickwork and face brickwork shall be deemed to include square recessed, hollow recessed, weathered pointing, etc</p>			
	<p><b>Carried Forward</b></p>		R	
	<p><b>Bill No. 3</b>  <b>MASONRY</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

		Brought Forward		R
<b><u>BRICKWORK</u></b>				
<b><u>SUPERSTRUCTURE</u></b>				
<u>Brickwork of NFP bricks (14 MPa nominal compressive strength) in class II mortar</u>				
1	One brick walls	m <sup>2</sup>	6	
<u>Brickwork reinforcement</u>				
2	150mm Wide reinforcement built in horizontally	m	17	
<b>TOTAL CARRIED TO SUMMARY</b>				R
<b>Bill No. 3</b> <b>MASONRY</b> <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>				

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 4</u></b></p> <p><b><u>CARPENTRY AND JOINERY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or shot pins to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs in to brickwork or concrete at not exceeding 600mm centres, and where described as "bolted" the bolts have been given elsewhere</p> <p><u>Joinery</u></p> <p>Descriptions of frames shall be deemed to include frames, transoms, mullions, rails, etc</p> <p>Descriptions of hardwood joinery shall be deemed to include pelleting of bolt holes</p> <p><u>Decorative thermosetting plastic laminate covering</u></p> <p>Decorative laminate finish:</p> <p>Laminate finish shall be glued under pressure. Edge strips shall be butt jointed at junctions with adjacent similar finish</p> <p><b><u>SKIRTINGS</u></b></p> <p><u>Meranti</u></p>			
1	19 x 155mm Profiled skirting, plugged	m	27	
	<p><b>TOTAL CARRIED TO SUMMARY</b></p> <p><b>Bill No. 4</b>  <b>CARPENTRY AND JOINERY</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		R	

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 5</u></b></p> <p><b><u>CEILING, PARTITIONS AND ACCESS FLOORING</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Descriptions</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins or shot pinned to brickwork or concrete</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres, and where described as "bolted", the bolts are measured elsewhere</p> <p><u>Proprietary suspended ceilings</u></p> <p>Electric light fittings, diffusers, panels, etc generally are "lay in" units of the same dimensions as the suspension grid described and allowance shall be made accordingly for their support, inclusive of any flexibility in setting out that may be required (ceiling panels have not been deducted and pricing shall take cognisance thereof)</p> <p><u>Bulkheads</u></p> <p>Bulkheads are defined as those portions of ceilings which are stepped down from the general ceiling level in a particular room or area and which generally occur along the perimeter. Their purpose is either to conceal services or to create architectural features</p> <p>Bulkheads have only been described as such where they conform to the above definition and where the horizontal or vertical dimensions do not exceed 1000mm. Where these dimensions are more than 1000mm such portions of ceilings have been included in the appropriate general items of ceilings</p> <p>Unless otherwise described bulkheads shall be deemed to be horizontal along the length</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p><b>Bill No. 5</b>  <b>CEILING, PARTITIONS AND ACCESS FLOORING</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			
			R	

<b>Brought Forward</b>				R
<u>Steel components</u>				
All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121				
<b><u>SUSPENDED CEILINGS</u></b>				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
<u>Flush plastered gypsum plasterboard suspended bulkheads</u>				
Bulkheads shall comprise galvanised steel studding of 63,5mm top and bottom tracks with vertical studs at maximum 400mm centres, pop-riveted to the top and bottom tracks with similar additional vertical studs as necessary at abutments, ends, etc and covered as described with plasterboard screwed to studding with drywall screws at maximum 300mm centres. Boards shall be butt jointed and finished with tape and jointing compound and the whole finished with gypsum plaster trowelled to a smooth polished surface to the thickness recommended by the manufacturer				
Descriptions shall be deemed to include any additional studs at ends and intersections, corner beads, cornices at junctions with ceilings, jointing compound, tape, etc				
<u>12.5mm Thick "GypCeil Hispec S" gypsum plasterboard screwed up ceiling consisting of "Donn" or equal approved galvanised steel tee suspension system with T37K main tees at 1200mm centres and T32K cross tees at 600mm centres including necessary hangers, grids, etc and with joints taped with "Fibatape" and the entire ceiling surface finished with a minimum of 3mm thick "Rhinolite" gypsum skim plaster trowelled to a smooth polished surface</u>				
1	Ceilings suspended not exceeding 1m below timber/steel trusses	m <sup>2</sup>	89	
2	Horizontal portion of irregular shaped bulkheads suspended not exceeding 1m below concrete soffits or steel/timber trusses	m <sup>2</sup>	15	
3	Vertical portion of bulkheads 100mm high, suspended not exceeding 1m below concrete soffits or steel trusses	m	10	
<b>Carried Forward</b>				R
<b>Bill No. 5 CEILINGS, PARTITIONS AND ACCESS FLOORING AIDC: EXISTING CANTEEN REFURBISHMENT</b>				

<b>Brought Forward</b>			R
1	Extra over ceiling for opening for not exceeding 250mm diameter light fitting, ventilation grille or air conditioning diffuser	No	28
2	Extra over ceiling for opening for not exceeding 500mm diameter light fitting, ventilation grille or air conditioning diffuser	No	6
	<u>40mm Thick solo circle "Ecophon Solo Circle XL" acoustic free hanging units comprising of two semi-circle suspended from rafters with connect T24 main runner, absorber anchor and adjustable wire hanger all installations to be in accordance to manufacturer's recommendations</u>		
3	2140mm diameter solo circle panel suspended not exceeding 1m from steel trusses	No	2
4	2150mm diameter solo circle panel suspended not exceeding 1m from steel trusses	No	3
5	2740mm diameter solo circle panel suspended not exceeding 1m from steel trusses	No	3
6	2790mm diameter solo circle panel suspended not exceeding 1m from steel trusses	No	2
	<u>"Donn/Pelican Systems" cornices, perimeter trims, etc to suspended ceilings</u>		
7	25 x 25mm "SM25" pre-painted shadow wall trim, plugged	m	168
8	45 x 20mm "PS3 S-line" Pre-painted plaster trim cornice for flush plastered ceilings, plugged and silicon sealed to plastered brickwork or concrete	m	168
<b>Carried Forward</b>			R
<b>Bill No. 5</b> <b>CEILINGS, PARTITIONS AND ACCESS FLOORING</b> <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

<b>Brought Forward</b>				R
<b><u>INSTALLATION ONLY OF FREE ISSUE CEILING TILES</u></b>				
<b><u>Note:</u></b>				
Client to free issue 1200 x 600mm vinyl ceiling tiles. Rate for installation only of the vinyl ceiling tiles, supply and installation of grids, cross tees, holding down clips etc.				
<u>Vinyl clad ceiling tiles on "Donn T38FR" pre-painted exposed tee suspension system, including main and cross tees, necessary hangers, grids, holding down clips, etc</u>				
1	Ceilings suspended not exceeding 1m below concrete soffits	m <sup>2</sup>	205	
2	Extra over ceiling for opening for 600 x 600mm light fitting, ventilation grille or air conditioning diffuser	No	30	
<b><u>FIXED PARTITIONS</u></b>				
<b><u>SUPPLEMENTARY PREAMBLES</u></b>				
<u>"GypRoc Drywall" partition systems</u>				
Descriptions of drywall systems to be read with the "Drywall Design Guidelines (Appendix 1) and Drywall Finishings (Appendix 2) documents as per Gyproc Saint-Gobain catalogue and all work to be installed as per the manufacturer's specifications and instructions				
Unless otherwise described rates for partitions shall be deemed to include for standard 70mm "Donn" flat section natural anodised aluminium skirtings fixed on both sides of Donn UltraSteel stud using 25mm self-tapping screws and fixed with contact adhesive to face of drywall board				
Wall paper and/or paint and varnish finishes are given elsewhere				
<b>Carried Forward</b>				R
<b>Bill No. 5 CEILINGS, PARTITIONS AND ACCESS FLOORING AIDC: EXISTING CANTEEN REFURBISHMENT</b>				

<b>Brought Forward</b>				R
<p><u>"GYPWALL Classic 63F30S42" with fire rating of 30 minutes and sound rating of Rw 42 dB consisting of 1 layer Gyproc RhinoBoard 12.5mm fixed to both sides of the framework using Gyproc RhinoBoard Sharp Point Screws 3.5mm diameter x 25mm at maximum 220mm centres. Donn UltraSTEEL™ Studs 63.5mm x 35mm friction fitted into top and bottom Donn UltraSTEEL™ Track 63.5mm x 25mm at 600mm centres. Floor and head track fixed with one line of fixings spaced at 600mm centres. Donn Deep Track 63.5mm x 40mm shall be used in areas subject to deflection. Install 63mm thick x 14kg/m3 density Isover Cavitybatt insulation in the cavity. Apply Gyproc RhinoTape to all joints and internal corners. Install Donn Corner Bead to all external corners. Cover Gyproc RhinoTape with one layer of Gyproc RhinoGlide. Wall surface to be finished with one layer RhinoLite MultipurposeRhinoLite, all in accordance with the manufacturer's recommendations</u></p>				
1	Partitioning approximately 2100mm high with bottom track plugged	m	4	
2	Partitioning approximately 2400mm high with bottom track plugged	m	1	
3	Extra over partition approximately 2100mm high for fair end	No	4	
4	Extra over partition approximately 2400mm high for vertical abutment	No	1	
5	Extra over partition approximately 2400mm high for fair end	No	1	
<u>Skirting, etc</u>				
6	70mm Aluminium skirting, plugged	m	22	
<b>TOTAL CARRIED TO SUMMARY</b>				R
<p><b>Bill No. 5 CEILINGS, PARTITIONS AND ACCESS FLOORING AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>				

Item No		Quantity	Rate	Amount R
<b><u>BILL No. 6</u></b>				
<b><u>FLOOR COVERINGS, WALL LININGS, ETC</u></b>				
<b><u>PREPARATION OF SCREEDS</u></b>				
<u>Prepare for and apply "Mapei Triblock P" moisture barrier in accordance with manufacturer's specifications</u>				
1	On screeded concrete floors	m <sup>2</sup>	54	
<u>Prepare for and apply "Ultraplan Eco" self levelling screed to a minimum thickness of 5mm to achieve a smooth, flat and level surface compliant with SANS 10070:2012; all in accordance with manufacturer's recommendations</u>				
2	On screeded concrete floors to receive vinyl sheeting or carpet tiles with a tolerance of 5mm over 2000mm	m <sup>2</sup>	54	
<u>Prepare for and apply one coat "iTeSLURRY" slurry coat, one coat "BONDiTe" primer and bonding agent and minimum 5mm thick "LEVELiTe F30" self levelling screed and levelling compound laid in strict compliance with the manufacturer's specifications to a grade 1 degree of accuracy (Manufacturer: iTe Products)</u>				
3	On screeded concrete floors to receive vinyl sheeting	m <sup>2</sup>	54	
<b><u>FLOOR COVERINGS</u></b>				
<u>"Belgotex Davernport- Colour: TBC" vinyl planks laid in approved adhesive spread with a notched trowel on suitably prepared cement screeded floors with a Tramex moisture meter reading showing a maximum moisture content of 3%, with joints welded using a hot weld seam sealing system, hygienic sealed finish and rolled with a 45 to 67kg vinyl roller on completion; all in accordance with manufacturer's recommendations by an approved specialist flooring contractor</u>				
4	On floors	m <sup>2</sup>	54	
<b>TOTAL CARRIED TO SUMMARY</b>				R
<b>Bill No. 6 FLOOR COVERINGS, WALL LININGS ETC. AIDC: EXISTING CANTEEN REFURBISHMENT</b>				

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 7</u></b></p> <p><b><u>IRONMONGERY</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Proprietary items</u></p> <p>Where applicable the manufacturers' names or product catalogue titles are given in sub-headings preceding the items prices are to be based on the specific products/articles specified. If tenderers wish to offer alternative products/articles for certain items, these items are to be clearly marked and the alternative specification given with supporting brochures etc clarifying the features of the products/articles offered on request returnable samples are to be provided to the principal agent for consideration</p> <p><u>Fixing</u></p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs in to brickwork or concrete</p> <p><b><u>DOOR MATS, SURROUNDS, ETC</u></b></p> <p><u>Polyflor SystemMatic® Esplanade Plus closed construction primary barrier mat consisting of 56mm wide Nickel Nylon wiper inserts fixed into modular aluminium scraper sections with Black flexible PVC hinges and 40mm wide PVC edging strips (Code: EPES40) fixed into and including sunken aluminium mat surround formed of mill finish pre-formed matwell frame (Code: FRA031) with mitred edges and corner connectors and bedded into screed (screed by others), installed in accordance with the manufacturer's recommendations</u></p>			
1	18mm Door mat size 1700 x 1000mm	No	1	
	<p style="text-align: right;"><b>Carried Forward</b></p> <p><b>Bill No. 7</b>  <b>IRONMONGERY</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		R	

		Brought Forward			R
		<b><u>BLINDS AND AWNINGS</u></b>			
		<p>50mm "BM 50 Venetian" blinds comprising of high tensile, vinyl coated aluminium slats including stainless steel pins, cords, ladders, head and bottom rails. The sides of the blinds are to comprise of lift control (cord lock). All installed according to manufacturer's specifications</p>			
1	Left controlled blinds size 2165 x 1000mm high overall	No	4		
2	Right controlled blinds size 2165 x 1000mm high overall	No	4		
		<b>TOTAL CARRIED TO SUMMARY</b>			R
		<p>Bill No. 7  <b>IRONMONGERY</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

Item No		Quantity	Rate	Amount R
	<b><u>BILL No. 8</u></b>			
	<b><u>METALWORK</u></b>			
	<b><u>SUNDRY STEELWORK</u></b>			
	<u>Support frames to rope pendants suspended from ceiling</u>			
1	25 x 25 x 3mm thick square hollow section support posts, columns, transoms, etc	kg	134	
2	Extra over 25 x 25 x 3mm thick square hollow section for 10mm polyester braided rope (colours: TBC) strung to steel frame	m <sup>2</sup>	34	
3	Extra over 25 x 25 x 3mm thick square hollow section for welded L/T-intersection	No	32	
	<u>Turnstar or similar approved "Supermarket helicopter" free rotation turnstile consisting of 304 mild steel brush finish installed according to manufacturer's recommendations.</u>			
4	304 graded brushed stainless steel "Supermarket" uni-directional turnstile code: SPRMKT-T-TS	No	3	
5	304 grade brushed stainless security barrier 1289.20mm long x 900mm high overall code: TWHBARR1289	No	2	
6	304 grade brushed stainless security barrier 1172.90mm long x 900mm high overall code: TWHBARR1172	No	1	
7	304 grade brushed stainless security barrier 1350mm long x 900mm high overall code: TWHBARR1350	No	1	
	<b><u>ALUMINIUM WINDOWS, DOORS, SHOPFRONTS, ETC</u></b>			
	<u>Work to existing powder coated aluminium shopfronts, doors etc</u>			
8	Service manually operated double door approximately 2120 x 2400mm high including opening, closing and locking mechanisms etc	No	8	
	<b>Carried Forward</b>			R
	<b>Bill No. 8</b>			
	<b>METALWORK</b>			
	<b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

<b>Brought Forward</b>			R
1	Service manually operated sliding door approximately 3000 x 2400mm high including sliding mechanism etc  <u>Homequip or similar approved anodised aluminium door seal including screws etc. installation in accordance to manufacturer's specifications</u>	No	1
2	Weather strip under existing aluminium double doors approximately size 2120 x 2400mm high	No	8
<b>TOTAL CARRIED TO SUMMARY</b>			R
<b>Bill No. 8</b> <b>METALWORK</b> <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 9</u></b></p> <p><b><u>PLASTERING</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><b><u>SCREEDS</u></b></p> <p><u>Mix</u></p> <p>Screeds shall be composed of 1: 3½ cement/river sand screed mix</p> <p><u>Tolerances</u></p> <p>Screeds shall be laid with a grade II degree of accuracy unless otherwise stated and shall be carefully maintained throughout the construction</p> <p><b><u>GRANOLITHIC</u></b></p> <p><u>Method</u></p> <p>The method to be used shall be either the monolithic method or the bonded method</p> <p><u>Preparation</u></p> <p>For granolithic applied monolithically, the concrete floor shall be swept clean after bleeding of the concrete has ceased and the slab has begun to stiffen; any remaining bleed water shall be removed and the granolithic applied immediately thereafter. For granolithic to be bonded to the floor slab after it has hardened, the slab surface shall be hacked (preferably by mechanical means) until all laitance, dirt, oil, etc is dislodged and swept clean of all loose matter. The slab shall then be wetted and kept damp for at least six hours before applying the granolithic</p>			
	<p><b>Carried Forward</b></p>		<p>R</p>	
	<p><b>Bill No. 9</b>  <b>PLASTERING</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

	<p style="text-align: center;"><b>Brought Forward</b></p> <p><u>Mix</u></p> <p>Granolithic finish to floors must be composed of two parts granite, or other approved hard stone chippings, or approved hard, coarse, sharp washed granite or quartzitic sand graded to a maximum size of 5 mm, half part clean pit sand screened through a 2,4 mm mesh sieve and part cement, steel trowelled to a true and smooth surface</p> <p>Granolithic shall attain a compressive strength of at least 41MPa.</p> <p><u>Panels</u></p> <p>The granolithic must be laid in panels not exceeding 9m<sup>2</sup> in area and jointed and lined into smaller panels as directed with sunk v-joints</p> <p>Where possible joints between panels shall be positioned over joints in the floor slab and shall be at least 3mm wide through the full thickness of the finish, separated by strips of wood or fibreboard and finished with V-joints</p> <p><u>Laying</u></p> <p>Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels</p> <p>Bonded granolithic shall be applied to the slab after applying a 1:1 sand and cement slurry brushed over the surface and allowed to partially set before applying the granolithic. The granolithic shall be thoroughly compacted and lightly wood floated to the required levels</p> <p>After wood floating, the monolithic and bonded granolithic shall remain undisturbed until bleeding has ceased and the surface has stiffened. Any remaining bleed water and laitance shall then be removed and the surface steel trowelled or power floated</p>		<p style="text-align: center;">R</p>	
	<p style="text-align: center;"><b>Carried Forward</b></p> <p><b>Bill No. 9 PLASTERING AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>		<p style="text-align: center;">R</p>	

<b>Brought Forward</b>			R
<u>Tolerances</u>			
Granolithic shall be laid with a grade II degree of accuracy unless otherwise stated and shall be carefully maintained throughout the construction			
<u>Curing, seasoning and protection</u>			
Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying			
<u>Colour</u>			
Coloured granolithic shall be un-tinted unless otherwise stated			
<b><u>SCREEDS</u></b>			
<u>Screeds on concrete</u>			
1	40mm Thick on floors and landings	m <sup>2</sup>	51
<b><u>INTERNAL PLASTER</u></b>			
<u>Cement plaster wood floated, on brickwork</u>			
2	On walls	m <sup>2</sup>	5
3	On narrow widths	m <sup>2</sup>	1
<u>Clean and remove any loose material and apply minimum 2.5mm thick "Gyproc Rhinolite Skim Plaster" finishing coat on new plastered walls</u>			
4	On walls	m <sup>2</sup>	5
5	On narrow widths	m <sup>2</sup>	1
<u>Clean and remove any loose material or peeling paint and apply two coats "Gripson" plaster bonding liquid and minimum 2.5mm thick "Gyproc Rhinolite Skim Plaster" finishing coat on existing plastered and painted surfaces</u>			
6	On walls	m <sup>2</sup>	62
<b>Carried Forward</b>			R
<b>Bill No. 9 PLASTERING AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

1	<p style="text-align: right;"><b>Brought Forward</b></p> <p>On ceilings</p> <p style="text-align: right;">m<sup>2</sup></p> <p style="text-align: center;"><b>TOTAL CARRIED TO SUMMARY</b></p> <p><b>Bill No. 9 PLASTERING AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>	49	R	
			R	

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 10</u></b></p> <p><b><u>TILING</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Fixing</u></p> <p>Unless described as "fixed with adhesive to plaster (plaster elsewhere)" descriptions of tiling on brick or concrete walls, columns, etc shall be deemed to include 1:4 cement plaster backing and descriptions of tiling on concrete floors etc shall be deemed to include 1:3 plaster bedding</p> <p>Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat</p> <p>Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts from the "Tal Professional" range of products as recommended by the manufacturer of the tiles</p> <p><b><u>WALL TILING</u></b></p> <p><u>185 x 160mm "Deco Bella Triangulo Gloss" glazed ceramicporcelain wall tiles, fixed with "TAL Gold Star 6" rapid setting adhesive to plaster (plaster elsewhere) and flush pointed with tinted waterproof jointing compound</u></p>			
1	On walls to diagonal pattern in panels	m <sup>2</sup>	50	
	<p><b><u>FLOOR TILING</u></b></p> <p><u>500 x 500mm "Johnson Tile" ceramic floor tiles (Colour: DI-960 District 9 Grey or similar approved) fixed with "TAL Gold Star 6" rapid setting adhesive to screeds and flush pointed with 2mm wide epoxy jointing compound (screed elsewhere)</u></p>			
2	On floors	m <sup>2</sup>	51	
3	Skirting 100mm high of cut tiles	m	20	
	<b>TOTAL CARRIED TO SUMMARY</b>			R
	<p><b>Bill No. 10</b>  <b>TILING</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 11</u></b></p> <p><b><u>PAINTWORK</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>Descriptions</u></p> <p>Descriptions of painting are generally for final finishing coats only and shall be deemed to include complete preparation of new as well as existing surfaces, necessary patching and filling, sanding, primer or preparatory coats, etc. as per the paint manufacturer's specifications.</p> <p>Descriptions of painting on pipes, gutters, etc shall be deemed to include painting on holder bats, hangers, clips, clamps, etc.</p> <p>Descriptions of painting on windows, frames, etc shall be deemed to include primer in rebates of sashes to be glazed</p> <p><u>Paint specifications</u></p> <p><b>All painting shall be done in accordance with "Plascon" specifications for preparing surfaces, preparatory coats, finishing coats, etc for a maintenance cycle of 7 years in a C5 coastal/marine environment</b></p> <p><u>Colours</u></p> <p>Unless otherwise described paintwork on ceilings shall be deemed to be in the "White" colour group and paintwork on all other components shall be deemed to be in the "Pastel" colour group in accordance with the Natural Colour System (NCS) adopted by the SA National Standards</p>			
	<p><b>Carried Forward</b></p>		<p>R</p>	
	<p><b>Bill No. 11</b>  <b>PAINTWORK</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

<b>Brought Forward</b>			R
<b><u>PAINTWORK, ETC TO NEW WORK</u></b>			
<b><u>INTERNAL GYPSUM PLASTER SURFACES</u></b>			
<u>"Professional Superior Low Sheen (PEM 1000)" paint on:</u>			
1	Internal walls	m <sup>2</sup>	5
2	Partitions	m <sup>2</sup>	13
3	Ceilings and bulkheads	m <sup>2</sup>	154
4	Extra over for colours less than 7 on the Munsell system	m <sup>2</sup>	101
<b><u>ON WOOD SURFACES</u></b>			
5	Skirtings, rails, etc not exceeding 300mm girth	m	27
<b>TOTAL CARRIED TO SUMMARY</b>			R
<b>Bill No. 11</b> <b>PAINTWORK</b> <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

Item No		Quantity	Rate	Amount R
	<b><u>BILL No. 12</u></b>			
	<b><u>EXTERNAL WORKS</u></b>			
	<b><u>SUPPLEMENTARY PREAMBLES</u></b>			
	Refer to all preceding bills for complete supplementary preambles and descriptions for abbreviated descriptions in this bill			
	<b><u>DEMOLITIONS ETC</u></b>			
	<u>Breaking up and stockpiling on site</u>			
1	Rectangular clay brick paving on sand bed and stock pile on site	m <sup>2</sup>	97	
	<b><u>ROADWORKS AND PAVING, ETC</u></b>			
	<u>Excavation in earth not exceeding 2m deep</u>			
2	Reduced levels under floors, paving, etc	m <sup>3</sup>	14	
	<u>Earth filling supplied by the contractor</u>			
3	Subbase course of G5 material, stabilized with 4% OPC and compacted to 95% Mod AASHTO density	m <sup>3</sup>	14	
	<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	m <sup>3</sup>	14	
	<u>Coarse river sand filling supplied by the contractor</u>			
5	Under floors etc	m <sup>3</sup>	14	
	<u>Compaction of surfaces</u>			
6	Compaction of ground surface under roads and pavings, etc including scarifying for a depth of 150mm, breaking down oversize material, adding suitable material and compacted to 95% Mod. AASHTO density	m <sup>2</sup>	96	
	<b>Carried Forward</b>			R
	<b>Bill No. 12</b>			
	<b>EXTERNAL WORKS</b>			
	<b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

<b>Brought Forward</b>			R	
	<u>Weed killer (active ingredients metalaclor 102,8 g/l, terbitilasien 248,6 g/l and atrasiem 248,6 g/l) mixed in the proportion of 100 ml weedkiller to 100 l water and applied at a rate of 10 l/m<sup>2</sup></u>			
1	Under paving etc	m <sup>2</sup>	96	
	<u>Clay paving blocks to match existing and laid in herringbone pattern on 20mm thick clear sharp sand bed with sand swept into joints and hosed down</u>			
2	Paving to outdoor seating areas, walkways, etc to falls	m <sup>2</sup>	96	
<b><u>BUDGETARY ALLOWANCES</u></b>				
	<u>Stormwater channel and drainage system</u>			
3	Allow for sundry external works to be measured and priced in accordance with the scheduled rates		Item	31,000.00
<b>TOTAL CARRIED TO SUMMARY</b>			R	
<b>Bill No. 12</b>				
<b>EXTERNAL WORKS</b>				
<b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>				

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 13</u></b></p> <p><b><u>PROVISIONAL SUMS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>General</u></p> <p>Work for which budgetary allowances are provided will, unless otherwise stated, be measured and valued in accordance with clause 26 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances.</p> <p>Prime cost amounts and provisional sums are net. Prime cost amounts include for delivery to site of all articles concerned.</p> <p>Provisional sums are for material and equipment supplied and installed complete by firms of specialists.</p> <p><u>Profit</u></p> <p>Where stated, the contractor may allow for profit if required.</p> <p><b><u>BUDGETARY ALLOWANCES</u></b></p> <p><b><u>The following budgetary allowances to be measured in accordance with the foregoing and priced at scheduled rates</u></b></p> <p><u>Sundry building work</u></p>			
1	Provide for sundry demolitions and alterations	Item		20,000.00
	<p><u>Design development contingencies</u></p>			
2	Allow for design development contingencies to be used as directed by the principal agent and to be measured in accordance with the foregoing and priced at scheduled rates	Item		50,000.00
	<b>Carried Forward</b>		R	
	<p><b>Bill No. 13</b>  <b>PROVISIONAL SUMS</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

Brought Forward			R
<p><b><u>PROVISIONAL SUMS FOR NOMINATED/SELECTED SUBCONTRACT WORKS</u></b></p> <p><b><u>The following budgetary allowances provide for work to be carried out by firms of specialists and appointed as domestic sub-contractors by the main contractor</u></b></p> <p><b><u>Note: The main contractor shall obtain at least three (3) quotations from reputable specialists for each of the works described before appointment of any sub-contractor</u></b></p>			
<b><u>ARTWORK AND DECORATIVE FEATURES</u></b>			
1	Provide the sum of R85,000.00 (Eighty Five Thousand) for the supply and installation of the artwork and decorative features	Item	85,000.00
2	Profit on above item	%	
3	Attendance on ditto	%	
<b><u>JOINERY AND BOOTH SEATING</u></b>			
4	Provide the sum of R700,000.00 (Seven Hundred Thousand) for the supply and installation of the joinery and booth seating	Item	700,000.00
5	Profit on above item	%	
6	Attendance on ditto	%	
<b><u>FURNITURE AND FITOUT</u></b>			
7	Provide R450,000.00 (Four Hundred and Fifty Thousand) for the supply and installation of furniture and fitout items	Item	450,000.00
8	Profit on above item	%	
9	Attendance on ditto	%	
Carried Forward			R
<p><b>Bill No. 13</b>  <b>PROVISIONAL SUMS</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			

<b>Brought Forward</b>			R	
<u>CATERING EQUIPMENT</u>				
1	Provide R350,000.00 (Three Hundred and Fifty Thousand) for the supply and installation of catering equipment items	Item		350,000.00
2	Profit on above item		%	
3	Attendance on ditto		%	
<b>TOTAL CARRIED TO SUMMARY</b>			R	
<b>Bill No. 13</b> <b>PROVISIONAL SUMS</b> <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>				

Item No		Quantity	Rate	Amount R
	<p><b><u>BILL No. 14</u></b></p> <p><b><u>SPECIALIST INSTALLATIONS</u></b></p> <p><b><u>SUPPLEMENTARY PREAMBLES</u></b></p> <p><u>General</u></p> <p>Work for which budgetary allowances are provided will, unless otherwise stated, be measured and valued in accordance with clause 32 of the Principal Building Agreement and deducted in whole or in part if not required without any compensation for loss or profit on the said allowances.</p> <p>provisional sums are net an are for material and equipment supplied and installed complete by firms of specialists.</p> <p><u>Profit</u></p> <p>Where stated, the contractor may allow for profit if required.</p> <p><u>General attendance on nominated/selected subcontractors</u></p> <p>The item "Attendance" which follows each provisional sum for nominated/selected subcontractors' work, shall be deemed to cover all the contractor's costs incurred in providing free of charge to the nominated/selected subcontractors, the following:</p> <ol style="list-style-type: none"> <li>1 The services as set out in clause B9.1 of the Preliminaries.</li> <li>2 Making good in all trades and cleaning down and removal of rubbish on completion.</li> </ol> <p><u>Special attendance on nominated/selected subcontractors</u></p> <p>Where stated special attendance will be described in detail in the Schedule for Variables in the Preliminaries for the services as set out in clause B9.2.</p> <p style="text-align: right;"><b>Carried Forward</b></p> <p><b>Bill No. 14</b>  <b>SPECIALIST INSTALLATIONS</b>  <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b></p>			<p style="text-align: right;">R</p>

Brought Forward			R
<b><u>ELECTRICAL, ELECTRONIC AND MECHANICAL INSTALLATIONS</u></b>			
<b><u>Electrical installation</u></b>			
1	Provide R150,000.00 (One Hundred and Fifty Thousand) for electrical installation	Item	150,000.00
2	Profit on above item		%
3	Attendance on ditto		%
<b>TOTAL CARRIED TO SUMMARY</b>			R
<b>Bill No. 14</b> <b>SPECIALIST INSTALLATIONS</b> <b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>			

Bill No	SUMMARY OF BILL OF QUANTITIES	Page No	Amount R
1	PRELIMINARIES	48	
2	ALTERATIONS	53	
3	MASONRY	55	
4	CARPENTRY AND JOINERY	56	
5	CEILINGS, PARTITIONS AND ACCESS FLOORING	61	
6	FLOOR COVERINGS, WALL LININGS ETC.	62	
7	IRONMONGERY	64	
8	METALWORK	66	
9	PLASTERING	70	
10	TILING	71	
11	PAINTWORK	73	
12	EXTERNAL WORKS	75	
13	PROVISIONAL SUMS	78	
14	SPECIALIST INSTALLATIONS	80	
	<b><u>TENDER SUM COMPILATION</u></b>		
	(Carried forward to Contract Data)		
	SUB TOTAL		R
	Provide for contingencies to be used as directed and deducted in whole or in part if not required	Item	90,000.00
	SUB TOTAL		R
	Value added tax (VAT @ 15%)		R
	<b>TOTAL Inclusive of VAT</b>		R
	<b>AIDC: EXISTING CANTEEN REFURBISHMENT</b>		

- GENERAL**
1. ALL WORK TO COMPLY WITH THE NATIONAL BUILDING REGULATIONS.
  2. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE BEFORE ANY WORK COMMENCES.
  3. THIS DRAWING IS NOT TO BE SCALED AND ONLY FIGURED DIMENSIONS ARE TO BE USED.
  4. SHOULD ANY DISCREPANCIES BE NOTED ON THIS DRAWING, PLEASE NOTIFY THE ARCHITECT PRIOR TO WORK COMMENCING.
  5. VERTICAL DIM. TO ALL CHANGES IN FLOOR LEVELS.
  6. ALL LEVELS, UNLESS OTHERWISE INDICATED, ARE FINISHED FLOOR LEVELS.
  7. FINISHED FLOOR LEVELS ARE TO BE A MINIMUM OF 150MM ABOVE MEANS OF EGRESS LEVEL.
  8. ALL GLAZING TO COMPLY WITH PART 7 OF THE NATIONAL BUILDING REGULATIONS.
  9. ALL OFF HALLS TO COMPLY WITH SANS 504.
  10. ALL OFFICE DESKS TO BE INSTALLED TO COMPLY WITH SANS 504.
  11. ALL OFFICE DESKS TO BE INSTALLED TO COMPLY WITH SANS 504.
  12. ALL OFFICE DESKS TO BE INSTALLED TO COMPLY WITH SANS 504.
  13. ALL OFFICE DESKS TO BE INSTALLED TO COMPLY WITH SANS 504.

- LIGHTING & VENTILATION**
- AREAS WILL BE EITHER AIR-CONDITIONED OR MECHANICALLY VENTILATED TO A.C. ENGINEER'S DESIGN AND SPECIFICATION IN ACCORDANCE WITH PART 10 OF THE N.B.R. AND THE HEALTH ACT (83 OF 1977).
1. HARDWARE PROVIDED WITH ARTIFICIAL VENTILATION TO BE PROVIDED WITH WINDOWS OF NO LESS THAN 10% IN THE AREA SERVED WITH A MIN. OPENING OF 5% OF THE FLOOR AREA.

- SPACE HEATING**
- SPACE HEATING IS TO BE RESPONSIBLE IN THE AIR-CONDITIONING SYSTEM TO A.C. ENGINEER'S DESIGN.
1. ROOF INSULATION AS PER SPEC. TO BE Laid OVER RAFTERS AND BATTENS.

- GLAZING**
1. THE NOMINAL THICKNESS OF A PANEL OF GLASS WILL NOT BE LESS THAN THAT INDICATED IN THE FOLLOWING TABLE.

GLASS THICKNESS (MM)	MAX. AREA OF PANEL (M <sup>2</sup> )
3	0.25
4	1.2
6	2.2
8	3.2

2. GLAZING TO DOORS TO BE 8MM SAFETY GLASS OR 8MM/8.
3. GLAZING NOT SPRAYED APPROXIMATING PERSONS SHALL BEAR DISTINCTIVE MARKING TO RENDER GLAZING MORE APPARENT.
4. ALL GLAZING TO BE INSTALLED IN ACCORDANCE WITH SANS 504 AND SANS 1205.

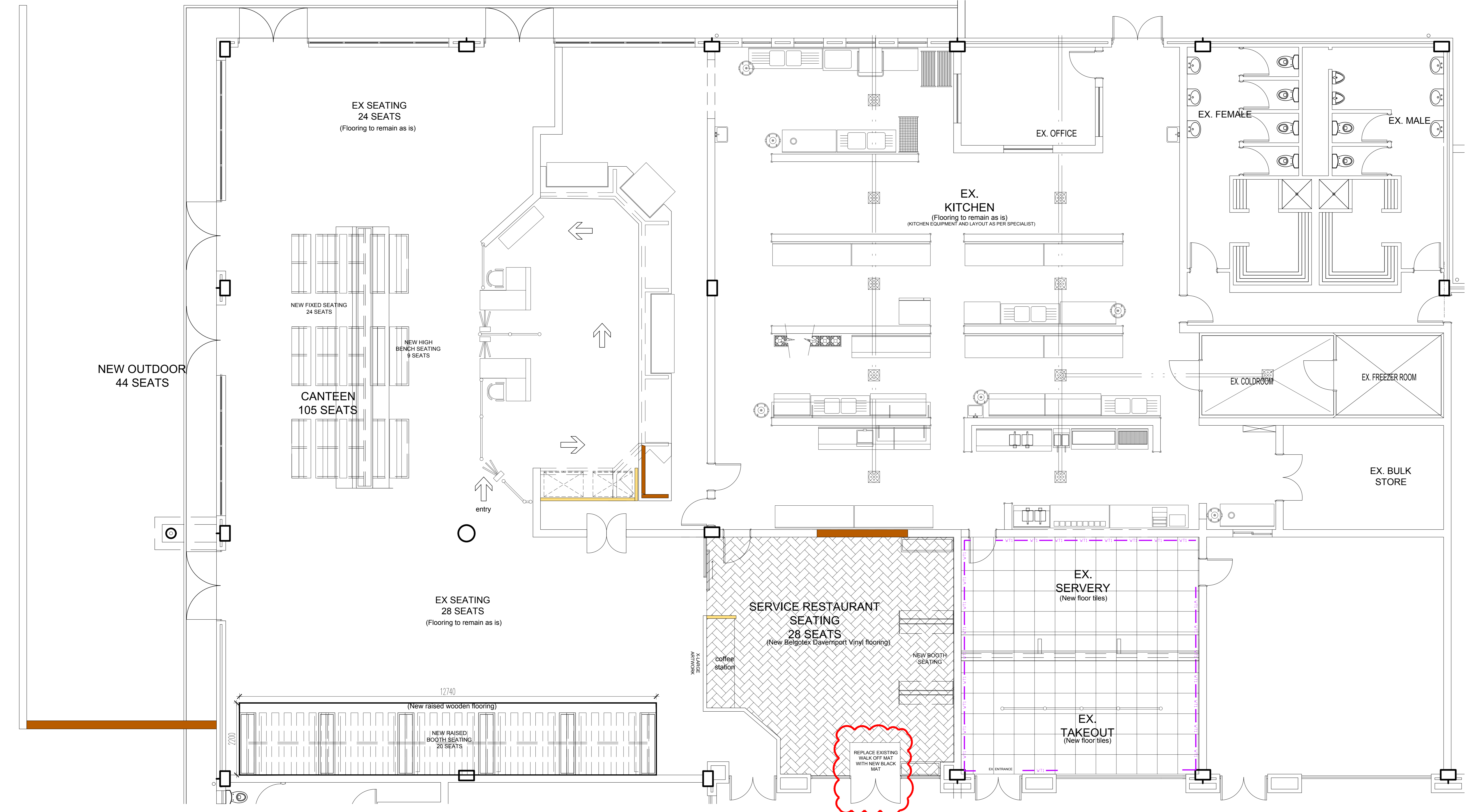
- FIRE**
1. FIRE DESIGN TO COMPLY WITH SPECIALIST FIRE CONSULTANT PROPOSALS.
  2. FIRE DESIGN TO COMPLY WITH SANS 548 PART 1 TO 2004.

**FLOOR FINISHES KEY**

DESCRIPTION:	
EXISTING FLOORING, EXISTING FLOORING TO REMAIN AS IS	
NEW TILES, EXISTING FLOORING TO BE REPLACED WITH 600 X 600 CERAMIC TILE CODE: TBC DOVE GREY GROUT	
NEW WOODEN FLOORING, EXISTING FLOORING TO BE REPLACED WITH BELGOTEX, DAVERNPORT CODE: TBC	
NEW RAISED FLOORING, ADD NEW WOODEN RAISED FLOOR IN CANTEN BOOTH AREA	
NEW TILE SKIRTING @100mm HEIGHT TO MATCH TILES WITH ALUMINIUM TILE EDGE	

**GENERAL NOTE:**  
ALL UNSPECIFIED WALLS TO RECEIVE MATCHING MERCHANT SKIRTING  
ALUMINIUM TRANSITION STRIPS IN ALL AREAS WHERE FLOOR SURFACES CHANGE

**FLOOR FINISHES KEY**  
SCALE 1:100



**FLOOR FINISH PLAN**  
SCALE 1:50

REV. DATE	DRAWING DESCRIPTION
01 21-10-18	ADD: BULK OFF MAT ADDD

OWNER -  
ARCHITECT -  
ENGINEER -

**Pro-Part cc**  
Design & Project Managers  
Pretoria, South Africa  
P.O. Box 1078, Fynnville - 0001  
Tel: 011 461 8646, 467 6173/7399

**SPATIAL**  
PROJECTS & DESIGN  
ESTD 1983 (Pty) Ltd

CLIENT:  
**AUTOMOTIVE INDUSTRY DEVELOPMENT CENTRE**

**AIDC**  
Automotive Industry Development Centre  
The National Development and Innovation Agency

PROJECT: AIDC CANTEN REFURBISHMENT  
PHASE: COSTING

STAND NO.: Automotive Supplier Park, 30 Heliom Road, Rosslyn Extension 2, Pretoria  
DRAWING DESCRIPTION: Floor finishes GROUND FLOOR  
DRAWING NUMBER: 202

FOR CONSTRUCTION	
DRAWN: ADC	REV: 1
CHECKED: S.M. (S.M.)	
SCALE: 1:50 (1:50)	
CHECKED: S.M. (S.M.)	

- GENERAL**
1. ALL WORK TO COMPLY WITH THE NATIONAL BUILDING REGULATIONS
  2. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE BEFORE ANY WORK COMMENCES
  3. THIS DRAWING IS NOT TO BE SCALED AND ONLY FIGURED DIMENSIONS ARE TO BE USED
  4. SHOULD ANY DISCREPANCIES BE NOTED ON THIS DRAWING, PLEASE NOTIFY THE ARCHITECT PRIOR TO WORK COMMENCING
  5. VERTICAL DIM. TO ALL CHANGES IN FLOOR LEVELS
  6. ALL LEVELS UNLESS OTHERWISE INDICATED ARE FINISHED FLOOR LEVELS
  7. FINISHED FLOOR LEVELS ARE TO BE A MINIMUM OF 100MM ABOVE MEANS OF EGRESS LEVEL
  8. ALL OFF HALLS TO COMPLY WITH SANS 104
  9. ALL OFF HALLS TO BE FINISHED TO COMPLY WITH SANS 104
  10. ALL OFF HALLS TO BE FINISHED TO COMPLY WITH SANS 104
  11. ALL OFF HALLS TO BE FINISHED TO COMPLY WITH SANS 104
  12. MECHANICAL VENTILATION
  13. ALL TIMBERWORK DETAILS TO COMPLY WITH SANS 1183

- LIGHTING & VENTILATION**
- AREAS WILL BE EITHER AIR-CONDITIONED OR MECHANICALLY VENTILATED TO A.C. ENGINEER'S DESIGN AND SPECIFICATIONS IN ACCORDANCE WITH PART OF OF THE N.B.R. AND THE HEALTH ACT (83 OF 1977)
1. MECHANICAL VENTILATION SHALL BE PROVIDED WITH WINDOWS OF NO LESS THAN 10% IN THE AREA SERVED WITH A MIN. OPENING OF 5% OF THE FLOOR AREA

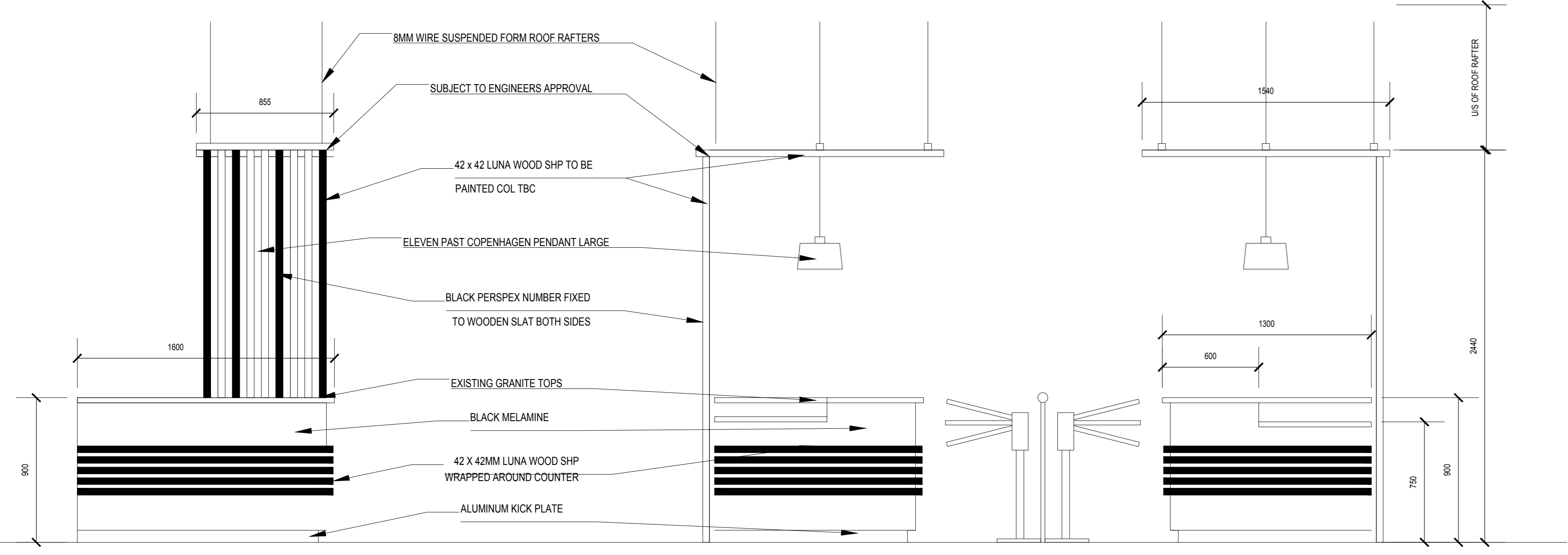
- SPACE HEATING**
1. SPACE HEATING IS TO BE PROVIDED IN THE AIR-CONDITIONING SYSTEM TO A.C. ENGINEER'S DESIGN
  2. ROOF SHALL COMPLY WITH SANS 104

- GLAZING**
1. THE NOMINAL THICKNESS OF A PANEL OF GLASS WILL NOT BE LESS THAN THAT INDICATED IN THE FOLLOWING TABLE

GLASS THICKNESS (MM)	MAX. AREA OF PANEL (M <sup>2</sup> )
3	0.25
4	1.0
5	1.5
6	2.2

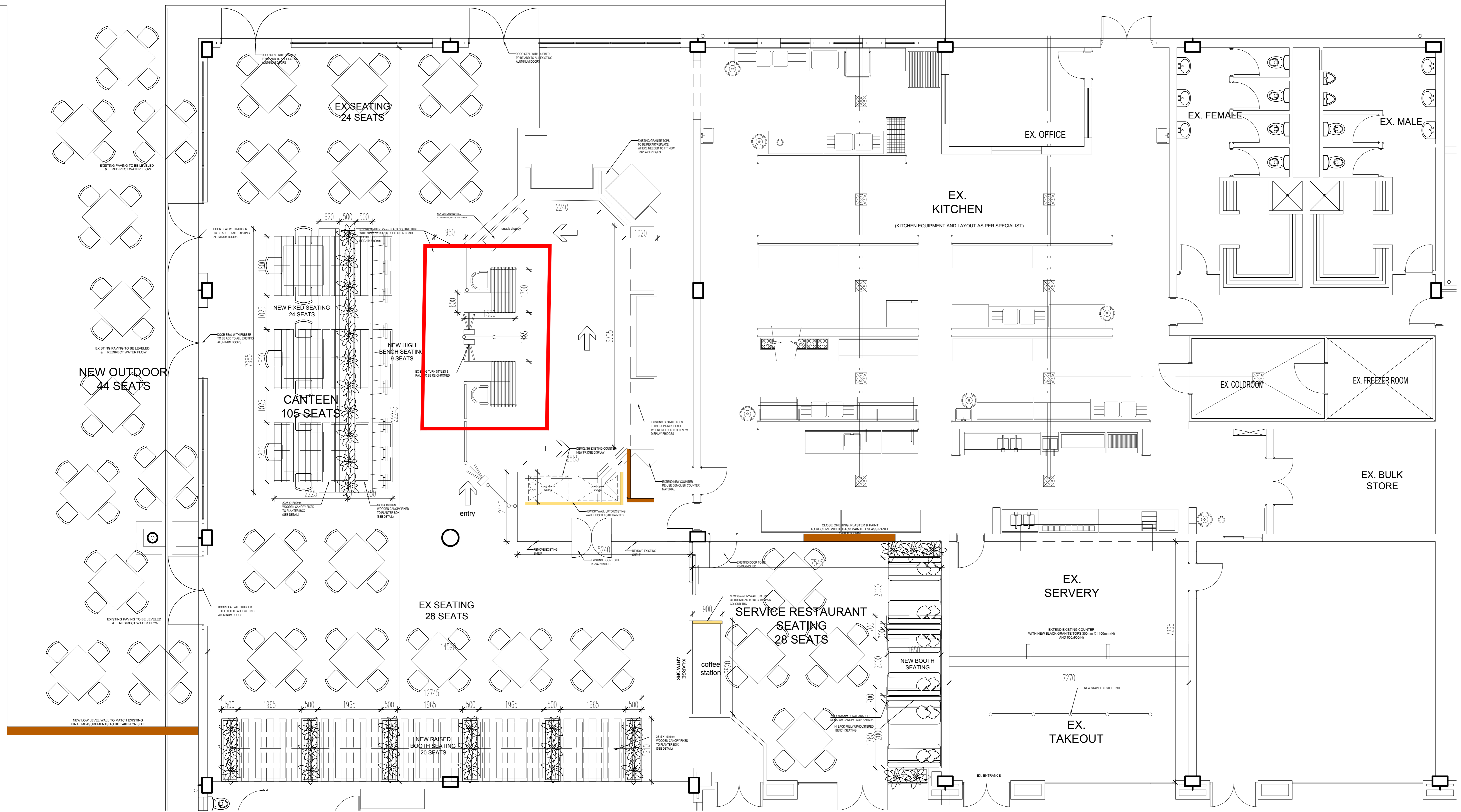
2. GLAZING TO DOORS TO BE 6MM SAFETY GLASS OR 8MM
3. GLAZING NOT APPROVED APPROXIMATING PERSONS SHALL BEAR DISTINCTIVE MARKING TO RENDER GLAZING MORE PROMINENT
4. ALL GLAZING TO BE INSTALLED IN ACCORDANCE WITH SANS 104 AND SANS 103

- FIRE**
1. FIRE DESIGN TO CONFORM TO SPECIALIST FIRE CONSULTANT PROVISIONS
  2. FIRE DESIGN TO COMPLY WITH SANS 104 PART 1 (FLOOR)



TILL POINT  
FRONT ELEVATION

TILL POINT  
FRONT ELEVATION



JOINERY & CARPENTRY  
SCALE 1:50

REV. DATE	DESCRIPTION

OWNER: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_

**Pro-Part cc**  
 Design & Project Managers  
 PtsArch, Tech, ST2211  
 e-mail: info@pro-part.co.za  
 P.O. Box 1078, Fordsburg - 1005  
 Tel: 011 461 6666, 021 517 7200

**SPATIAL**  
 PROJECTS & DESIGN  
 CONSULTING SERVICES

CLIENT: AUTOMOTIVE INDUSTRY DEVELOPMENT CENTRE

**aidc**  
 Automotive Industry Development Centre  
 30 Helium Road, Rossllyn Extension 2, Pretoria

PROJECT: AIDC CANTEN REFRUBISHMENT  
 PHASE: COSTING

STAND NO.: Automotive Supplier Park, 30 Helium Road, Rossllyn Extension 2, Pretoria  
 DRAWING DESCRIPTION: Joinery & Carpentry TILL POINTS GROUND FLOOR  
 DRAWING NUMBER: 202

FOR CONSTRUCTION	
DRAWN: ADC	REV:
CHECKED: M. M. M. M.	DATE:
SCALE: 1:50 (TILL POINTS)	

**GENERAL**

1. ALL WORK TO COMPLY WITH THE NATIONAL BUILDING REGULATIONS
2. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE BEFORE ANY WORK COMMENCES
3. THE DRAWING IS NOT TO BE SCALED AND ONLY FIGURED DIMENSIONS ARE TO BE USED
4. SHOULD ANY DISCREPANCIES BE NOTED ON THIS DRAWING, PLEASE NOTIFY THE ARCHITECT PRIOR TO WORK COMMENCING
5. VERTICAL D.P.C. TO ALL CHANGES IN FLOOR LEVELS
6. ALL LEVELS UNLESS OTHERWISE INDICATED ARE FINISHED FLOOR LEVELS
7. FINISHED FLOOR LEVELS ARE TO BE A MINIMUM OF 150MM ABOVE NEAREST GRADE LEVEL
8. ALL OFF WALLS TO COMPLY WITH SANS 104
9. ALL OFF WALLS TO COMPLY WITH SANS 104
10. ALL OFF WALLS TO BE FINISHED TO COMPLY WITH SANS 104
11. ALL LEVELS TO BE FINISHED TO COMPLY WITH SANS 104
12. ALL LEVELS TO BE FINISHED TO COMPLY WITH SANS 104
13. ALL LEVELS TO BE FINISHED TO COMPLY WITH SANS 104

**LIGHTING & VENTILATION**

AREAS WILL BE EITHER AIR-CONDITIONED OR MECHANICALLY VENTILATED TO A.C. ENGINEER'S DESIGN AND SPECIFICATION IN ACCORDANCE WITH PART OF THE N.B.R. AND THE HEALTH ACT (83 OF 1977)

1. HARDWARE INCLUDING ARTIFICIAL VENTILATION TO BE PROVIDED WITH WINDOWS OF NO LESS THAN 10% IN THE AREA SERVED WITH A MIN. OPENING OF 5% OF THE FLOOR AREA

**SPACE HEATING**

SPACE HEATING IS TO BE SUPPLEMENTED BY THE AIR-CONDITIONING SYSTEM TO A.C. ENGINEER'S DESIGN

1. ROOF HEATING OR AIR HEATERS TO BE USED WHERE NECESSARY

**GLAZING**

1. THE NOMINAL THICKNESS OF A PANEL OF GLASS WILL NOT BE LESS THAN THAT INDICATED IN THE FOLLOWING TABLE

GLASS THICKNESS (MM)	MAX. AREA OF PANEL (M <sup>2</sup> )
3	0.75
4	1.2
6	2.2
8	3.2

2. GLAZING TO DOORS TO BE 8MM SAFETY GLASS OR 8MM X 8MM SAFETY GLASS
3. GLAZING NOT APPOINTED APPROXIMATING PERSONS SHALL BEAR DISTINCTIVE MARKING TO RENDER GLAZING MORE APPARENT
4. ALL GLAZING TO BE INSTALLED IN ACCORDANCE WITH SANS 104 AND SANS 103

**FIRE**

1. FIRE DESIGN TO CONFORM TO SPECIALIST FIRE CONSULTANT PROVISIONS
2. FIRE DESIGN TO COMPLY WITH SANS 104 PART 1 (2001)

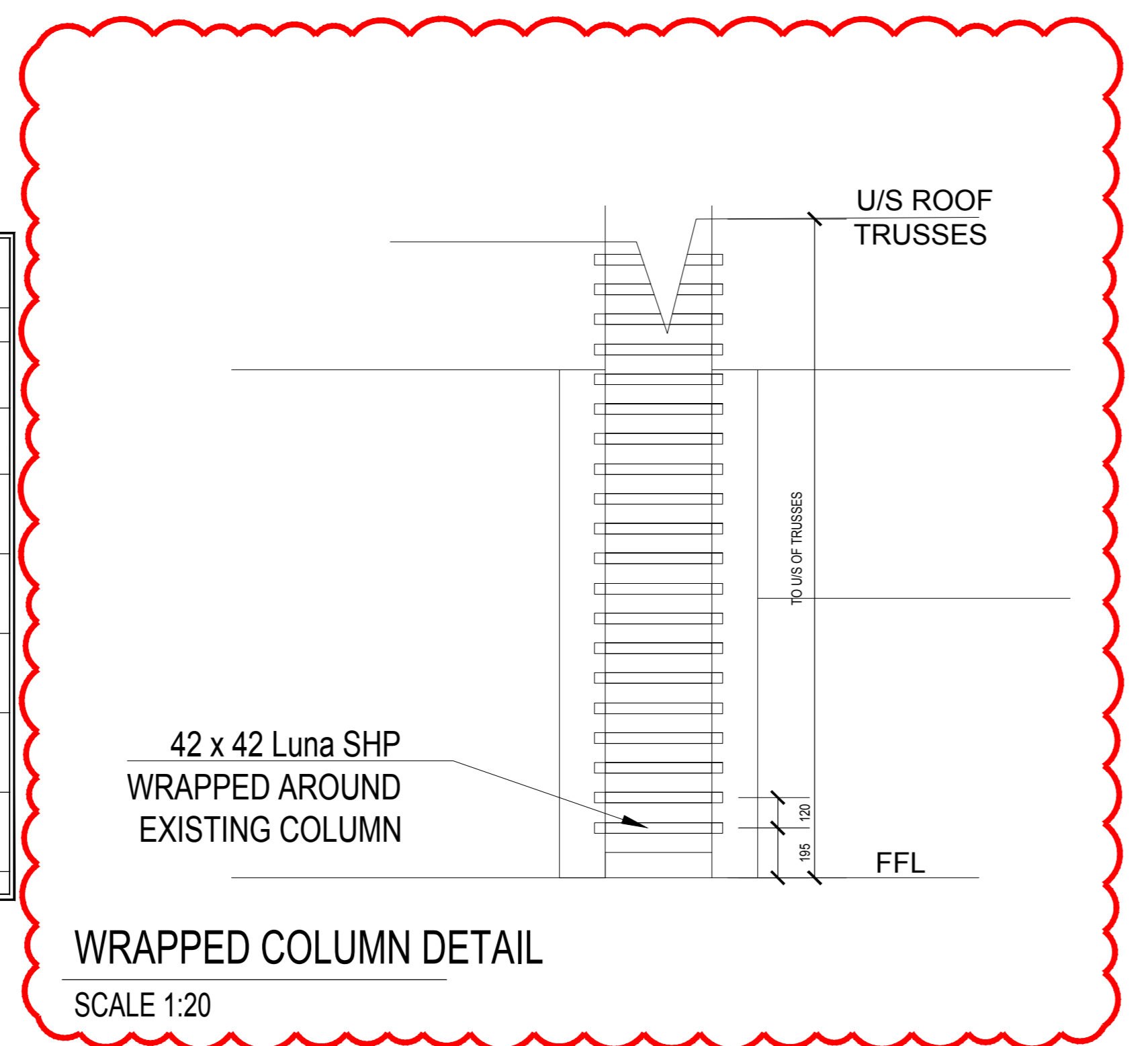
**STANDARD WALL KEY**

DESCRIPTION:	DESCRIPTION:
NEW PLASTERED 200mm BRICKWORK PLASTERED ON BOTH SIDES TO TAKE WALL FINISHES	NEW PLASTERED 200mm BRICKWORK PLASTERED ON BOTH SIDES TO TAKE WALL FINISHES
EXISTING PLASTERED BRICKWORK TO TAKE WALL FINISHES	EXISTING PLASTERED BRICKWORK TO TAKE WALL FINISHES
NEW 90mm DRY WALL TO HAVE ALL JOINTS TAPED AND SKIMMED TO TAKE WALL FINISH. JUNCTION TO BE FINISHED OFF WITH BRUSHED ALUMINIUM CAPPING	NEW 90mm DRY WALL TO HAVE ALL JOINTS TAPED AND SKIMMED TO TAKE WALL FINISH. JUNCTION TO BE FINISHED OFF WITH BRUSHED ALUMINIUM CAPPING

**GENERAL NOTE:**  
ALL GAPS & PENETRATIONS IN FIRE WALLS TO BE SEALED OFF COMPLETELY ALL THE WAY UP TO THE SOFFIT

**WALL FINISHES KEY**

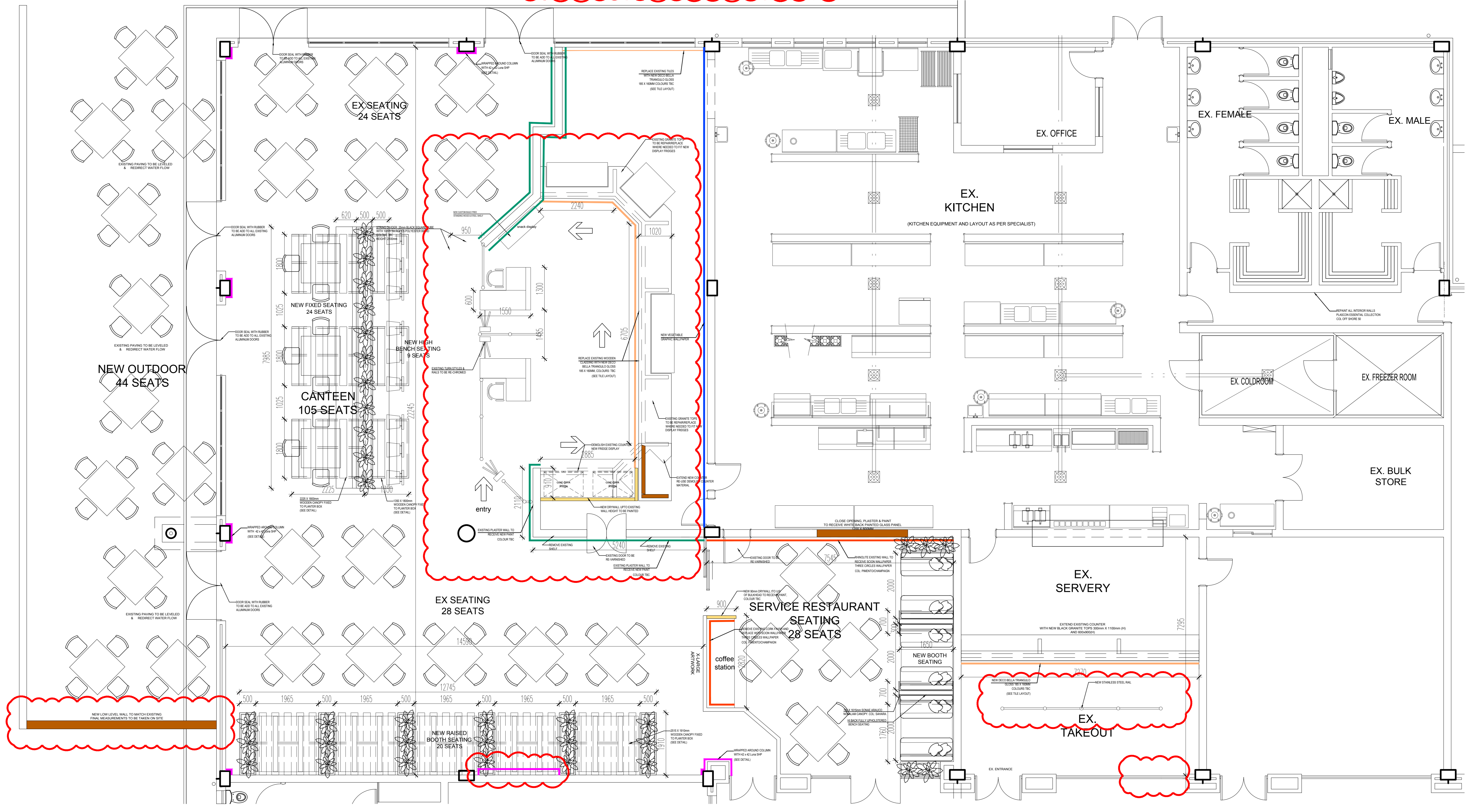
DESCRIPTION:	DESCRIPTION:
ALL INTERIOR WALLS (EXCEPT WOOD CLADDED WALLS & BLOCK WRAPPED WALLS)	PLASCON COL. TBC FINISH: PROFESSIONAL SUPERIOR LOW SHEEN
INTERIOR DOORS	PLASCON COL. TBC FINISH: PROFESSIONAL SUPERIOR LOW SHEEN
WOOD CLADDED WALL	WOODEN CLADDING WRAPPED AROUND COLUMN WITH 42 x 42 LUNA SHP
TILE FINISH	NEW DECO BELLA TRIANGULO GLOSS 180 x 100MM COLOURS: TBC
WALLPAPER 01	NEW CUSTOM VEGETABLE GRAPHIC WALLPAPER
WALLPAPER 02	SCION WALLPAPER THREE CIRCLES WALLPAPER COL. PINK/COMPTON
ACCENT WALL DEER BARK	PLASCON COL. TBC FINISH: PROFESSIONAL SUPERIOR LOW SHEEN



**WALL KEY**  
SCALE 1:100

**WALL FINISHES KEY**  
SCALE 1:100

**WRAPPED COLUMN DETAIL**  
SCALE 1:20



**BUILDERS WORKPLAN**  
SCALE 1:50

REV. DATE	DESCRIPTION
01	2018-10-10 ACC. LAYOUT MENGE PER SITE MEETING

OWNER: \_\_\_\_\_  
 ARCHITECT: \_\_\_\_\_  
 ENGINEER: \_\_\_\_\_

**Pro-Part cc**  
 Design & Project Management  
 P.O. Box 1274, Ficksburg, 7130  
 Tel: 021 954 1111, 021 954 1112

**SPATIAL**  
 PROJECTS & DESIGN  
 CONTACT: 011 461 1111

CLIENT: AUTOMOTIVE INDUSTRY DEVELOPMENT CENTRE

**AIDC**  
 Automotive Industry Development Centre  
 30 Helium Road, Rossllyn Extension 2, Pretoria

PROJECT AIDC CANTEREN REFINISHMENT  
 PHASE: COSTING

STAND NO: Automotive Supplier Park, 30 Helium Road, Rossllyn Extension 2, Pretoria

DRAWING DESCRIPTION: Builders workplan GROUND FLOOR

DRAWN: ADC	DATE: 2018-10-10
CHECKED: M. M. M. M.	SCALE: 1:50 (BUILDERS WORKPLAN)
PROJECT NO: 201	REV: 1

- GENERAL**
1. ALL WORK TO COMPLY WITH THE NATIONAL BUILDING REGULATIONS
  2. ALL DIMENSIONS AND LEVELS TO BE CHECKED ON SITE BEFORE ANY WORK COMMENCES
  3. THIS DRAWING IS NOT TO BE SCALED AND ONLY FIGURED DIMENSIONS ARE TO BE USED
  4. SHOULD ANY DISCREPANCIES BE NOTED ON THIS DRAWING, PLEASE NOTIFY THE CONSULTANT PRIOR TO WORK COMMENCING
  5. VERTICAL DIM. TO ALL CHANGES IN FLOOR LEVELS
  6. ALL LEVELS UNLESS OTHERWISE INDICATED ARE FINISHED FLOOR LEVELS
  7. FINISHED FLOOR LEVELS ARE TO BE A MINIMUM OF 1500mm ABOVE MEANS OF EGRESS LEVEL
  8. ALL CEILING TO COMPLY WITH PART 7 OF THE NATIONAL BUILDING REGULATIONS
  9. ALL OFF HALLS TO COMPLY WITH SANS 504
  10. ALL OFFICERS TO BE INSTALLED TO COMPLY WITH SANS 504
  11. ALL EXTERIOR LIGHTING FIXTURES TO BE VENTILATED WITH AN ANTILIC TRAP
  12. MECHANICAL VENTILATION
  13. ALL TIMBERWORK DETAILS TO COMPLY WITH SANS 1518

- LIGHTING & VENTILATION**
- AREAS SHALL BE EITHER AIR-CONDITIONED OR MECHANICALLY VENTILATED TO A.C. ENGINEER'S DESIGN AND SPECIFICATION IN ACCORDANCE WITH PART 17 OF THE N.B.R. AND THE HEALTH ACT (83 OF 1977)
1. HARDWARE PROVIDED WITH MECHANICAL VENTILATION TO BE PROVIDED WITH WINDOWS OF NOT LESS THAN 10% IN THE AREA SERVED WITH A MIN. OPENING OF 5% OF THE FLOOR AREA

- SPACE HEATING**
- SPACE HEATING IS TO BE AIR-CONDITIONED IN THE AIR-CONDITIONING SYSTEM TO A.C. ENGINEER'S DESIGN
- ROOF SLOPE SHALL BE AS PER SPEC. TO BE LAD ON RAFTERS AND BATTENS

**GLAZING**

1. THE NOMINAL THICKNESS OF A PANEL OF GLASS SHALL NOT BE LESS THAN THAT INDICATED IN THE FOLLOWING TABLE:

GLASS THICKNESS (mm)	MAX. AREA OF PANEL (sqm)
3	0.25
4	1.0
6	1.5
8	2.2

2. GLAZING TO DOORS TO BE 8MM SAFETY GLASS OR 8MM x 8MM SAFETY GLASS
3. GLAZING NOT IN CONTACT WITH PERSONS SHALL BEAR PROTECTIVE MARKING TO RENDER GLAZING MORE PROMINENT
4. ALL GLAZING TO BE INSTALLED IN ACCORDANCE WITH SANS 501 AND SANS 120

- FIRE**
1. FIRE DESIGN TO COMPLY TO SPECIALIST FIRE CONSULTANT PROVISIONS
  2. FIRE DESIGN TO COMPLY WITH SANS 548 PART 1 (2001)

**CEILING KEY**

**DESCRIPTION:**

- NEW FLUSH PLASTER CEILING TO BE PAINTED COL. AS PER SPECIFIED ON PLAN HEIGHT: @200mm
- NEW DROP DOWN BULKHEAD COL. TBC HEIGHT: @240mm
- ECO-PHON SOLO CIRCLE XL COL. GOLDEN FIELD SUSPENDED FROM ROOF RAFTERS WITH BRONZ WIRE HEIGHT: TBC FROM FFL
- ECO-PHON SOLO CIRCLE XL COL. SUNSET HEAT SUSPENDED FROM ROOF RAFTERS WITH BRONZ WIRE HEIGHT: TBC FROM FFL

**GENERAL NOTE:**  
NONE

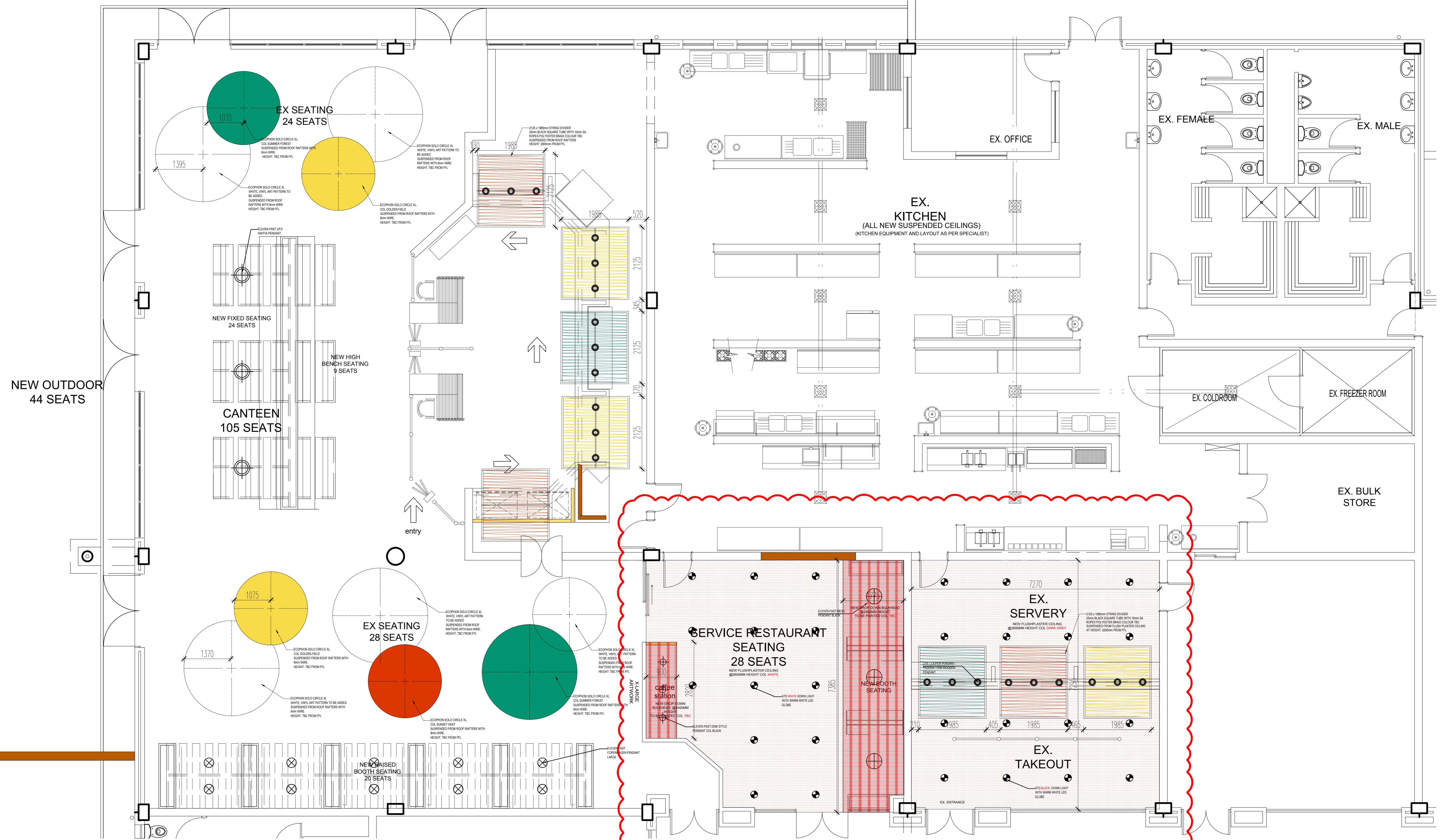
**LIGHTING KEY**

**DESCRIPTION:**

- FIXED BENCH SEAT PENDANT: ELEVEN PAST, LIFO RAFFIA PENDANT Dimensions: 350 x 1100
- BOOTH SEATING PENDANT: ELEVEN PAST, COFFENHAGEN PENDANT LARGE Metal shade with glass Bulb requirement: 1 x E27 Size: 230mm (H) x 280mm (Diameter)
- RESTAURANT BOOTH SEAT: ELEVEN PAST, MESH PENDANT Material: Metal 1200 x 400 Colour: Black
- CANTEREN SERVING & TAKE OUT SERVING PENDANT: LIVE COOPER, PAGODA 110W WOODEN PENDANT Colour: Natural Wood Finish: Semi-Matt Material: Ashwood Mounting Type: Surface Mount Shape: Dome Style: Contemporary Lamp Base: G110 Number of Bulbs: 1 x Bulb Voltage: 220V Wattage: 110W Height: 1500mm Diameter: 1000mm
- RESTAURANT COFFEE STATION: ELEVEN PAST, DISK STYLE PENDANT Colour: Black Material: Metal Filing: D180mm x H1700mm - Total Height: 1250mm

CEILING PLAN  
SCALE 1:100

LIGHTING KEY  
SCALE 1:100



CEILING PLAN  
SCALE 1:50

REV	DATE	DESCRIPTION
01	21-10-21	ADD: NEW CEILING IN RESTAURANT & EX SERVICE AREA

OWNER: -  
 ARCHITECT: -  
 ENGINEER: -

**Pro-Part cc**  
 Design & Project Managers  
 PtsArch, Tech, ST2211  
 e-mail: info@pro-part.co.za  
 P.O. Box 1078, Fordsburg - 1005  
 Tel: 011 861 6661, 011 871 7000

**SPATIAL**  
 PROJECTS & DESIGN  
 CONTACT: 011 462 1000

**CLIENT:**  
 AUTOMOTIVE INDUSTRY DEVELOPMENT CENTRE

**Logo: AIDC**  
 Automotive Industry Development Centre  
 30 Helium Road, Rossllyn Extension 2, Pretoria

PROJECT: AIDC CANTEREN REFURBISHMENT  
 PHASE: COSTING

STAND NO.: Automotive Supplier Park, 30 Helium Road, Rossllyn Extension 2, Pretoria  
 DRAWING DESCRIPTION: Ceiling plan GROUND FLOOR  
 DRAWING NUMBER: 202

**FOR CONSTRUCTION**

DRAWN: ADC	DATE: 20-10-2021
CHECKED: M. M. M. M.	SCALE: 1:100 (AS SHOWN)
DATE: 20-10-2021	REV: 1