



INDEPENDENT DEVELOPMENT TRUST

Contract No.: **DOEEC/05/2023/2024**

A Bid for Category 5GB or higher CIDB Registered Contractors

LINGELETHU JUNIOR SECONDARY SCHOOL

LOCATED BIZANA, ALFRED NZO DISTRICT, EASTERN CAPE PROVINCE

Name of Bidder : _____

NAME OF DULY AUTHORIZED PERSON: _____

ADDRESS : _____

TEL. NUMBER : _____

CELL NUMBER : _____

FAX NUMBER : _____

E-MAIL : _____

CRS NUMBER : _____

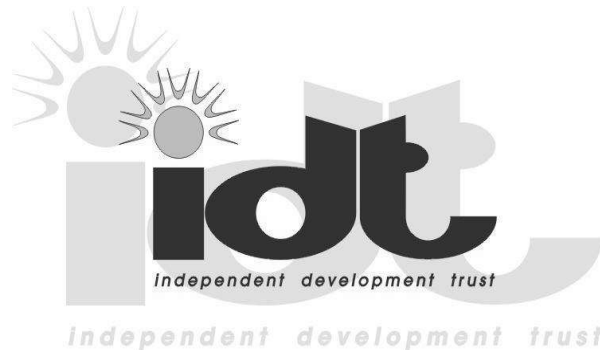
CSD NUMBER : _____

ISSUED BY:

Independent Development Trust
Palm Square Business Park
Bonza Bay Road
Silverwood House, Beacon Bay, 5205
Ms. N. Dyasi
Tel: (043) 711-6000

PREPARED BY:

Durapi Consulting
28 Bonza Bay Road
Beacon Bay
5241
Mr. N. Makhado
Tel: 060 770 4147



INDEPENDENT DEVELOPMENT TRUST

AT

LINGELETHU JUNIOR PRIMARY SCHOOL

LOCATED IN BIZANA, ALFRED NZO DISTRICT, EASTERN CAPE PROVINCE

BID NO: DOEEC/05/2023/2024

CLOSING DATE: 25 July 2023

ISSUED

Independent Development Trust

Physical Address,
Palm Square Business Park
Bonza Bay Road
Beacon Bay, 5205
Contact: Ms. N. Dyasi
Telephone: 043 711 6000

PRINCIPAL AGENT

DINGAAN & ASSOCIATES ARCHITECTS

Physical Address,
21 St James Road
Southernwood
East London
520
Contact:
Name: Mr. Lungile Dingaana
Tel: 083 284 1950

PREPARED BY

DURAPI CONSULTING

28 Bonza Bay Road
Beacon Bay
5241
Name: Mr. Makhado Ndamulelo
TEL: 011 312 8599 / 060 770 4147



INDEPENDENT DEVELOPMENT TRUST

Scope of work is for construction of GRADE R at Lingeletu JPS.

Contents

Number | Heading

The Bid

Part T1: Bidding procedures

T1.1 | Bid Notice and Invitation to Bid
T1.2 | Bid Data

Part T2: Returnable documents

T2.1 | List of Returnable Documents
T2.2 | Returnable Schedules

The Contract

Part C1: Agreement and Contract Data

C1.1 | Form of Offer and Acceptance
C1.2 | Contract Data
C1.3 | Construction Guarantee
C1.4 | Adjudicators appointment

Part C2: Pricing data

C2.1 | Pricing Instructions
C2.2 | Activity Schedule or Bills of Quantities

Part C3: Scope of Work

C3 | Scope of Work

Part C4: Site information

C4 | Site Information

Addenda

INDEPENDENT DEVELOPMENT TRUST

T1.1 Bid Notice and Invitation to Bidder

BID NOTICE No: DOEEC/05/2023/2024: DATE 23 June 2023

Note: BID closes on Tuesday, 25 July 2023 @ 11:00

**Project No.: LINGELETHU JPS (EMIS NO. 200500061)
GPS : 31.8034512 S, 27.6356367 E**

CONSTRUCTION OF GRADE R AT LINGELETHU JUNIOR PRIMARY SCHOOL, BIZANA, ALFRED NZO DISTRICT MUNICIPALITY FOR THE DEPARTMENT OF EDUCATION, EASTERN CAPE PROVINCE

On behalf of the DEPARTMENT OF EDUCATION, the Independent Development Trust, invites bidders for CONSTRUCTION OF GRADE R AT LINGELETHU JUNIOR PRIMARY SCHOOL IN BIZANA, ALFRED NZO MUNICIPALITY, EASTERN CAPE PROVINCE

Mandatory Requirements

Only bidders, who meet the following requirements will be eligible for further evaluation;

- Proof of CIDB registration number – Grade **5GB** or higher
- Proof of authority to sign the document must be submitted e.g. company resolution (if there is more than one director)
- Valid COIDA or FEM certificate
- Attendance of Compulsory Site Briefing
- Fully Completed and Signed SBD 1 - Invitation to Bid
- Fully Completed and Signed SBD 4 – Bidder’s Disclosure
- Fully Completed and Signed SBD 6.1 – Preference Points
- Fully Completed and Signed SBD 6.2 – Declaration for Local Content (Annexure C included)
- Fully Completed and Signed Form of offer in the bid document
- Copy of the Joint Venture (JV) agreement signed by all parties (where JV in use)
- Acknowledgement of Addenda with Financial implications (where applicable)
- Fully & Duly Completed Detailed Bill of Quantities (BOQ), Written In Black Ink (Non erasable ink)
- CIPC Document
- Original Certified Director’s ID, not older than 3 months

- Note:**
- (i) Failure to submit any of the above documents / requirements shall result in disqualification of the bid.
 - (ii) If any of the Directors are in the Employment of the State shall result in disqualification of the bid.

- (iii) If any of its Directors are Listed on the Register of Defaulters shall result in disqualification of the bid.
- (iv) In the case of a Bidder, who during the last ten (10) years has been Terminated on Previous Contracts with the IDT shall result in disqualification of the bid.

The IDT will assess all bids received based on its procurement policy in the event that information is required from the bidder/s, the IDT reserves its rights to request the information which shall be submitted within seven (7) working days from request and failure to submit will result in disqualification.

Returnable documents required at Bid Award -

- Tax Compliance Letter with a unique pin
- CSD
- BBBEE Certificate or Sworn Affidavit

Only bidders who are competent in the advertised work and who have achieved the minimum functionality threshold will be evaluated on a **80/20** (Price / Specific Goals) points based on the Preferential Procurement Regulations of 2022, where functionality will be evaluated as follows:

STAGE 1:

Evaluation Criteria	Points Allocation
Relevant Previous Experience on completed projects of a similar nature and value in the last Ten (10) years	35 points
Signed and stamped client references on the same projects listed above (either Client or Client Representative).	25 points
Qualifications, Skills and Experience of project key resources	20 points
Project Schedule	20 points
Total	100 points
NB: Minimum qualifying functionality threshold is 70 points out 100	

Similar Nature of work for evaluation- Not acceptable (No points will be allocated for similar nature and value of works for Engineering works)

Similar Nature of Work - Acceptable: (Construction and or renovation of Hospitals, Clinics, Schools, Libraries, Hotels, Malls, Shopping Complex, Courts, Office blocks, Town Houses – **5GB or higher**)

STAGE 2:

The 80/20 Preferential Point System will be applied, where 80 points will be allocated for price and 20 points for Specific Goals.

Only bidders who obtain **70 points or higher** on the functionality threshold will be evaluated further.

A compulsory site briefing / clarification meeting will be held on the 05 July 2023 at Lingelethu JPS, BIZANA

Note: Bidders are requested and encouraged to arrive early before the commencement of the briefing session at **11h00am**. No late arrivals will be allowed in the briefing meeting. (i.e later than **11h30**). An inspection of the site will follow after the aforementioned compulsory briefing meeting as will be directed in the briefing meeting

IT IS NOT A CONDITION OF THIS BID THAT THE SUCCESSFUL BIDDER SHALL BE REQUIRED TO SUBCONTRACT A MINIMUM VALUE OF WORK TO SMME'S EQUAL TO 30% OF THE BUILDING WORKS IN LINE WITH THE PPPFA, Preferential Procurement Regulations 2017.

The IDT will conduct a risk assessment on recommended bidder/s. Bidders are requested to price each line item of the Bills of Quantities (BOQ) in black ink. Should the bidder/s be deemed too risky to complete the project based on the IDT's risk assessment report, they will be subjected for further clarification.

Bid Documents may be downloaded from the IDT's website as follows: www.idt.org.za as well as on the e-Bids portal, www.e-tenders.gov.za from the 23rd of May 2023. Bids must only be submitted on the bid documentation that is downloaded from the stipulated websites. The retyping of the Bid document is not permitted.

All SCM and Technical enquiries relating to this bid must be directed to nomnikelod@idt.org.za (SCM) makoae@dingaanassociates.co.za (Technical) during office hours (08h30 – 17h00) weekdays.

On submission of Bid documents, the bidder must submit a signed original bid document in hard copy. Original bid document written in ink and not erasable.

Requirements for sealing, addressing, delivery, opening and assessment of bids are stated in the Bid Data. (Refer to Section T1.2)

The bid closing date is **25 July 2023 by no later than 11H00**. Bids shall be submitted in the bidding box at IDT's Eastern Cape Regional Office;

**INDEPENDENT DEVELOPMENT TRUST,
PALM SQUARE BUSINESS PARK, SILVERWOOD HOUSE,
BONZA BAY ROAD,
BEACON BAY,
EAST LONDON**

Telegraphic, telephonic, telex, facsimile, e-mail and late bids **WILL NOT** be accepted.

The Independent Development Trust does not bind itself to accept the lowest or any particular bid.

BID
Part T1: Bidding procedures

4

T1.1

BID No: DOEEC/05/2023/2024

Bid Notice and Invitation to Bid

INDEPENDENT DEVELOPMENT TRUST

T1.2 Bidder Data

The conditions of bidding are the Standard Conditions of Bidding as contained in Annex F of the CIDB Standard for Uniformity in Construction Procurement. (See www.cidb.org.za) which are reproduced without amendment or alteration for the convenience of bidders as an Annex to this Bid Data.

The Standard Conditions of Bid make several references to the Bid Data for details that apply specifically to this Bid. The Bid Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the standard conditions of Bid. Each item of data given below is cross-referenced to the clause in the Standard Conditions of Bid to which it mainly applies.

The additional conditions of bidder are:

Clause number	Bidder Data for BID NO: BID No: DOEEC/05/2023/2024
F.1.1	The employer is the Independent Development Trust, Eastern Cape Region
F.1.2	The bid documents issued by the employer comprises: T1.1 Bid notice and invitation to bid T1.2 Bid data T2.1 List of returnable documents T2.2 Returnable schedules Part 1: Agreements and contract data C1.1 Form of offer and acceptance C1.2 Contract data C1.3 Form of Guarantee C1.4 Adjudicator's appointment Part 2: Pricing data C2.1 Pricing instructions C2.2 Activity schedules / Bills of Quantities Part 3: Scope of work C3 Scope of work Part 4 : Site information C4 Site information
F.1.4	The employer's agent is: Name: Dingaans And Associates Address: 21 St James Road Southernwood East London 520 Tel 083 284 1950 E-mail: lungile@dingaanassociates.co.za
F.2.1	Only those bidders who are registered with the CIDB, or are capable of being so prior to the evaluation of submissions, in a contractor grading designation equal to or higher than a contractor grading designation determined in accordance with the sum Bided for a Grade 5GB or higher class of construction work, are eligible to submit Bids. Joint ventures are eligible to submit Bids provided that: 1. every member of the joint venture is registered with the CIDB; 2. the lead partner has a contractor grading designation in the Grade 5GB or higher class of construction work; and 3. the combined contractor grading designation calculated in accordance with the Construction Industry Development Regulations is equal to or higher than a contractor grading designation determined in accordance with the sum Bided for a (5GB or higher) General Building class of construction work.

- F.2.7 Compulsory briefing with representatives of the employer
- F.2.12 No alternative Bid offers will be considered
- F.2.13.3 Parts of each Bid offer communicated on paper shall be submitted as one original (i.e. no copies should be submitted).
- F.2.13.5 The employer's address for delivery of Bid offers and identification details to be shown on each Bid offer package are:
- F2.15.1

Location of Bid box: Physical address: -

INDEPENDENT DEVELOPMENT TRUST OFFICES

Palm Square Business Park
Silverwood House, Beacon Bay
EAST LONDON
5201

Identification details:

Project no: BID No: DOEEC/05/2023/2024

Title: Construction of Grade R at Lingelethu Junior Primary School.

Postal address: Palm Square Business Park, Silverwood House, Bonza Bay Road, Beacon Bay, 5201

- F.2.15 The closing time for submission of Bid offers is as stated in the Bid Notice and Invitation to Bid.
- Closing date: 25 July 2023**
Closing time: 11h00
- F.2.15 Telephonic, Telegraphic, Telex, Facsimile or E-mailed Bid offers will not be accepted.
- F.2.16 The Bid offer validity period is **90 (Ninety) days**.
- F.2.17 The contract duration is **8 Months** from date of Site Handover.
- F.2.23 The Bidder is required to submit with his Bid a Certificate of Contractor Registration issued by the Construction Industry Development Board; Compensation of Injury Diseases Act certificate (COIDA) . Where a Bidder Bids through joint venture formation, such bidders should include a joint venture agreement duly signed by each partner.
- F.3.4 Bids will not be opened in public; they will be posted on the IDT Website within 7 days of closure.

F.3.11 Bid offers will only be accepted if the following are submitted

No	Gate Keeper (Compulsory) Criteria	Gate Keeper Criteria Description
1	Proof of authority to sign the document must be submitted e.g. company resolution (if there is more than one director)	Proof of authority to sign the document must be submitted on Company Letterhead e.g. company resolution.
2	Letter of good standing/Copy of registration (COIDA/FEM) from the Department of Labour	Valid Letter of Good Standing (Workman's Compensation, COIDA) or FEM Letter of Good Standing. If JV all partners must submit
3	CIDB Grading Certificate.	Required valid and active CIDB Grading equivalent for the works. JV's to submit consolidated CIDB Grading.
4	Fully & Duly Completed Detailed Bill of Quantities (BOQ), Written In Black Ink	All items in the original Bill of Quantities must be priced (rates and amounts and totals) with the exception of preliminaries (contractor can select options in line with the PBA JBCC March 2005 Edition 4.1), written in Ink.
5	Consortium / Joint Venture Agreement	If Applicable , JV Agreement signed by all parties of the JV.
6	Duly Completed Form of Offer	Fully & Duly Completed and Signed form of offer and witnessed. All blanks spaces must be completed.
7	Duly completed and signed Invitation to BID, Part A and B (SBD 1)	Fully & Duly Completed and signed Invitation to BID, Part A and B (SBD 1). All blank spaces must be completed. Bidders to indicate items that are not applicable.
8	Bidders Disclosure (SBD 4)	Fully & Duly Completed and Signed Declaration of Interest Form (SBD 4). All blank spaces must be completed. Bidders to indicate items that are not applicable.
9	Duly Completed and Signed Preference points claim form in terms of PPPFA, Procurement Regulations 2017 (SBD 6.1)	Fully & Duly Completed and Signed Preference points claim form in terms of PPPFA, Procurement Regulations 2017 (SBD 6.1). All blanks spaces must be completed. Bidders to indicate items that are not applicable.
10	Duly Completed and Signed Local content form (SBD 6.2)	Fully & Duly Completed and Signed Local content form (SBD 6.2) including all the annexures C, D & E. Bidders must return Annexure C. Annexure D & E to be kept by the bidder for verification/audit upon appointment. All blanks spaces must be completed. Bidders to indicate items that are not applicable. Only locally (South Africa) manufactured product that meet the stipulated minimum threshold for local content will be considered (Preferential Procurement Regulations 2017). A Bid that fails to meet the stipulated threshold for local production and content is unacceptable and will be disqualified
11	No Copies, no correctional fluids, erasable pen or a lead pencil will be used on any of the submitted forms. Only black ink must be used to complete documents. Any mistakes must be neatly crossed out and countersigned by all relevant parties.	No Copies, no correctional fluids, erasable pen or a lead pencil will be used on any of the submitted forms. Only black ink must be used to complete documents. Any mistakes must be neatly crossed out and countersigned by all relevant parties.
12	Acknowledgement of Addenda to the Bid document	To be completed and signed

Instruction notes:

- All blanks spaces must be completed on all the SBD forms.
- Bidders to indicate items that are not applicable to them on all the forms.
- Bidders are advised to fill in the correct information on all the SBD forms.
- Bidders are encouraged to familiarize themselves with the project site in order to assist them in planning, pricing and executing the project.
- All Bidders are required to be registered on CSD (Central Supplier Database) with National Treasury.
- Please Provide CSD Registration report with supplier number with your Bid.

4.3.3 Functionality Criteria

Variables	Total Points	Criteria	Description Of Criteria	Points
<u>Functionality Points</u>	100			
Experience on similar scale projects	35	Excellent	Points allocated for proven records of accomplishment based on the similar scale of previous projects executed by Bider.	35
		Very good		28
		Good		21
		Satisfactory		14
		Poor		7
		Not acceptable		0
Qualifications & competencies of key staff	20	Very Good	Points allocated for required competencies and qualifications of allocated personnel for the projects in consideration	20
		Good		15
		Satisfactory		10
		Poor		5
		Very poor		1
		Not submitted		0
Project Specific Programme schedule and cash flow	20	Very good	Points allocated for turn-around projects delivery period and detail project submission by Bider/bidder in consideration	20
		Good		18
		Satisfactory		14
		Poor		8
		Unacceptable		0
Client References	25	Excellent	Points allocated for previous client references and submission in relation to nature of work in Relevant Experience (Returnable schedule) of the Bid Document.	25
		Good		20
		Fair		15
		Poor		10
		Very poor		5

Notes:

1. **Bidders are required to score minimum points of 70 for Functionality stated in Bid data.**
2. **Bidders who fail to meet the required minimum number of points for functionality stated in the Bid data will not be evaluated further.**
3. **Bidders who fail to submit information as per the returnable schedules will not be allocated points.**

The functionality will be scored using the following values:

A maximum equal to 100 Bid evaluation points will be awarded for quality, sub-divided according to the following:

Functionality area	Points
Previous Experience	35
Client Reference	25
Qualification and Competency	20
Project Schedule	20
Total	100 points

Experience on similar scale projects:

The quality criteria and maximum score in respect of each of the criteria are as follows:

Scoring Quality (Functionality)

A maximum equal to **100 Bid evaluation points** will be awarded for Functionality. Only bidders who score 70 points and above (i.e. 70 points and above out of a total of 100 points) will be further evaluated in terms of the 80/20 price/preference points system.

The functionality will be scored using the following values:

Relevant Experience on Similar Construction Projects (35 points):

Points are allocated for relevant experience on similar construction projects completed in the past 10 years. The similarity refers to projects of similar kind, complexity and value in terms of the CIDB categorization. In support bidders are to complete the “Similar Project Experience” returnable schedule.

Evaluation points will be awarded in terms of the following table:

Number of Similar Construction Projects completed in the last 10 years	Number of points
5	35
4	28
3	21
2	14
1	7
0	0

Value of work evaluation (No points will be allocated for value of works for Civil Engineering Projects, Water, Transport, Traffic Engineering and all Electrical & Mechanical Projects)

Value of work (5GB)	Rating
10.1m and above	Very Good
5.1m – 10m	Good
3.1m – 5m	Satisfactory
1.1m – 3m	Poor
0m – 1m	Not Submitted

Contracting Document

JBCC Series 2000 PBA March 2005, Edition 4.1

Qualifications and Key Personnel (20 points):

Points are allocated for educational qualifications and professional registration of allocated key personnel for the project under consideration. For each key personnel allocated to the project, the bidders shall submit for following: Curriculum Vitae together with certified proof of qualifications and professional registration.

Evaluation points will be awarded in terms of the following tables:

Highest qualifications and Professional Registration (8 points)

Category	Qualification		Professional Registration	
	Degree/BTech	Diploma	Yes	No
Contract Director/Manager	3	2	1	0
Site Agent/Manager	3	2	1	0
Subtotal number of points	6	4	2	0

Competence of Key Personnel (Subtotal 12 Points)

Category	Experience			
	Between 1- 4 years	Between 4-8years	Between 8-12 years	Over 12 years
Contract Director/Manager	2	4	5	6
Site Agent/Manager	2	4	5	6
Subtotal number of points	4	8	10	12

CLIENT REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

Description / Performance	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Excellent (5)
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Program management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Project Schedule (20 points):

Points are awarded for project duration undertaking as per returnable activity schedule B1.2. This represents only key project deliverables and runs from the assumed start date indicated, for purposes of uniformity and ease of comparison. **The submitted Programme must be project specific.**

Failure to populate returnable schedule B1.2 in full will result in zero points awarded, alternatively a properly populated Gantt chart will be acceptable (Construction Programme on MS Project or similar is also acceptable). (NB: Bidders reminded that penalty clause is applicable

in the event that bidders offer unrealistically short duration just to score higher points)

The shortest realistic project duration will receive 20 points, with comparative duration awarded points in line with the formula below:

$$\text{PrSc} = 20 \times (\text{Dm}/\text{D})$$

Where:

PrSC = No. of points scored for project schedule
Dm = lowest acceptable comparative project duration in Days
D = Comparative project duration in days of Bid under consideration

4.3.4. Preferential procurement system

80/20 preferential procurement system to be utilized as per PPPFA 2022. The project is below R50m.

Variables	Total Points	Criteria	Description Of Criteria	Points
Financial Offer / Price:				
Financial Offer/Price	80	Formula=2 Option 1, $A=(1-\{p-pm/pm\})$	Formula used to calculate financial offer/price points	
		Pm=The comparative Price offer of the mean/average quantifying Bidder		
		P=The comparative offer of the Bid under consideration		

The specific goals allocated points in terms of this Bid	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the Bider)	Number of points claimed (80/20 system) (To be completed by the Bider)
Women	3	6		
Youth	3	6		
People with Disabilities	2	4		
Black	2	4		
TOTAL POINTS CLAIMED				

1. LIST OF RETURNABLE SCHEDULES

Returnable Schedules required only for Bid evaluation purposes (certified copies not older than six months or originals of the following documents):

No	Non Statutory (Non Compulsory) Requirements	Non Statutory (Non Compulsory) Requirements Description
1	Checklist for Bid Submission	Checklist for Bid Submission
2	Details of Bid	Details of Bid
3	Certificate of Compliance with Bid Documentation	Certificate of Compliance with Bid Documentation
4	Letter of Intent to Provide Security / Guarantee	Letter of Intent to Provide Security/ Guarantee from accredited financial institution
5	Litigation History	Litigation History – bidder to disclose all the pending litigations against their company
6	BBBEE certificate	Points allocated to entities who are contributing towards the empowerment of black people (an Original Sworn Affidavit B-BBEE or SANAS accredited B-BBEE Certificate MUST be submitted with the bid documents before any points can be allocated) Bidders to submit Original Sworn Affidavit B-BBEE or SANAS certified copies not older than 6 months). Joint Ventures / Consortia entities must submit a consolidated B-BBEE certificate from SANAS-Accredited verification agency in order to qualify for points for their B-BBEE status level as an incorporated entity. Sworn affidavits for joint ventures will not be considered.
7	CSD	Central Supplier Database Registration
8	Proposed Project Organogram	Proposed Project Organogram
9	Tax Clearance certificate	Submission of valid Tax compliance status form (PIN)

Notes:

- 1. Bidders are required to score minimum points of 70 for Functionality stated in Bid data.**
- 2. Bidders who fail to meet the required minimum number of points for functionality stated in the Bid data will not be evaluated further.**
- 3. Bidders who fail to submit information as per the returnable schedules will not be allocated points.**

EVALUATION SCHEDULE: CLIENT REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

The following are to be completed by the Client:

PROJECT 1: Name & Scope –

Client Department:

Contract Amount:

Contract Duration:

Actual Contract Duration:

Description / Performance	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Excellent (5)
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Program management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks to be considered necessary to assist in evaluation of the contractor?

Name of Client Representative:

Designation:

Telephone:

Client Signature:..... **Date:**

Stamp

EVALUATION SCHEDULE: CLIENT REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

The following are to be completed by the Client:

PROJECT 2: Name & Scope –

Client Department:

Contract Amount:

Contract Duration:

Actual Contract Duration:

Description / Performance	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Excellent (5)
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Program management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks to be considered necessary to assist in evaluation of the contractor?

Name of Client Representative:

Designation:

Telephone:

Client Signature: **Date:**

Stamp

EVALUATION SCHEDULE: CLIENT REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

The following are to be completed by the Client:

PROJECT 3: Name & Scope –

Client Department:

Contract Amount:

Contract Duration:

Actual Contract Duration:

Description / Performance	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Excellent (5)
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Program management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks to be considered necessary to assist in evaluation of the contractor?

Name of Client Representative:

Designation:

Telephone:

Client Signature: **Date:**

Stamp

EVALUATION SCHEDULE: CLIENT REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

The following are to be completed by the Client:

PROJECT 4: Name & Scope –

Client Department:

Contract Amount:

Contract Duration:.....

Actual Contract Duration:

Description / Performance	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Excellent (5)
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Program management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks to be considered necessary to assist in evaluation of the contractor?

Name of Client Representative:

Designation:

Telephone:

Client Signature: **Date:**

Stamp

EVALUATION SCHEDULE: CLIENT REFERENCES

The Bidder shall provide details of his performance on each of the previous projects listed in the “Similar Relevant Experience” returnable schedule. Client References” scorecards will be completed by each of the respective Clients for the projects listed in the “Similar Relevant Experience” returnable schedule. Forms not signed, stamped and completed by the client will result in no allocation of points (zero points).

The following are to be completed by the Client

PROJECT 5: Name & Scope –

Client Department:

Contract Amount:

Contract Duration:.....

Actual Contract Duration:

Description / Performance	Very poor (1)	Poor (2)	Fair (3)	Good (4)	Excellent (5)
Quality of office administration					
Quality of site management					
Competence of foreman					
Co-operation during contract					
Quality of workmanship					
Quality of materials					
Program management					
Rectification of condemned work					
Tidiness of site					
Adequacy of equipment					
Adequacy of labour force					
Procurement of materials					
Labour relations					

Any other remarks to be considered necessary to assist in evaluation of the contractor?

Name of Client Representative:

Designation:

Telephone:

Client Signature: **Date:**

Stamp

EVALUATION SCHEDULE: SIMILAR PROJECT EXPERIENCE

The Bidder shall provide details of his performance on each of the previous relevant projects. Bidders must provide/attach appointment letter and Completion certification in a form of **Practical** or **Final completion** certificate listed under the “**Similar Project Experience**” returnable schedule below.

Failure to complete the table below will result in no points allocated. **No “see attached” will be accepted**

LIST THE FIVE SIMILAR PROJECTS EXPERIENCE COMPLETED BY YOUR FIRM IN THE LAST TEN (10) YEARS			
Name of Project Completed and Scope of work	Name of Project Manager & Telephone no.	Name of Client & Telephone no.	Value of Project
Project 1:			
Project 2:			
Project 3:			
Project 4:			
Project 5:			

INDEPENDENT DEVELOPMENT TRUST

C1.1 Form of Offer and Acceptance Offer

The employer, identified in the acceptance signature block, has solicited offers to enter into a contract for the procurement of:

Construction of Grade R at Lingelethu Junior Primary School.

The tenderer, identified in the offer signature block, has examined the documents listed in the tender data and addenda thereto as listed in the returnable schedules, and by submitting this offer has accepted the conditions of tender.

By the representative of the tenderer, deemed to be duly authorized, signing this part of this form of offer and acceptance, the tenderer offers to perform all of the obligations and liabilities of the contractor under the contract including compliance with all its terms and conditions according to their true intent and meaning for an amount to be determined in accordance with the conditions of contract identified in the contract data.

THE OFFERED TOTAL OF THE PRICES INCLUSIVE OF VALUE ADDED TAX IS:

.....
.....

.....

. Rand (in words);

R (in figures)

This offer may be accepted by the employer by signing the acceptance part of this form of offer and acceptance and returning one copy of this document to the tenderer before the end of the period of validity stated in the tender data, whereupon the tenderer becomes the party named as the contractor in the conditions of contract identified in the contract data.

Signature Date

.....

Name Identity number

.....

Capacity

for the tenderer

(Name and

.....

address of
organization)
.....

Name and
signature
of witness
.....

NOTE: Failure of a Bidder to complete and sign this part of the tender form (offer) in full including witnessing will invalidate the tender. Any blank spaces left will invalidate this offer.

By signing this part of this form of offer and acceptance, the employer identified below accepts the tenderer's offer. In consideration thereof, the employer shall pay the contractor the amount due in accordance with the conditions of contract identified in the contract data. Acceptance of the tenderer's offer shall form an agreement between the employer and the tenderer upon the terms and conditions contained in this agreement and in the contract that is the subject of this agreement.

The terms of the contract, are contained in:

- Part C1: Agreements and contract data, (which includes this agreement)
- Part C2: Pricing data
- Part C3: Scope of work.
- Part C4: Site information

and drawings and documents or parts thereof, which may be incorporated by reference into Parts 1 to 4 above.

Deviations from and amendments to the documents listed in the tender data and any addenda thereto as listed in the tender schedules as well as any changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance, are contained in the schedule of deviations attached to and forming part of this agreement. No amendments to or deviations from said documents are valid unless contained in this schedule.

The tenderer shall within two weeks after receiving a completed copy of this agreement, including the schedule of deviations (if any), contact the employer's agent (whose details are given in the contract data) to arrange the delivery of any bonds, guarantees, proof of insurance and any other documentation to be provided in terms of the conditions of contract identified in the contract data. Failure to fulfill any of these obligations in accordance with those terms shall constitute a repudiation of this agreement.

Notwithstanding anything contained herein, this agreement comes into effect on the date when the tenderer receives one fully completed original copy of this document, including the schedule of deviations (if any). Unless the tenderer (now contractor) within five working days of the date of such receipt notifies the employer in writing of

any reason why he cannot accept the contents of this agreement, this agreement shall constitute a binding contract between the parties.

Signature Date

.....

Name Identity number

.....

Capacity

**for the
Employer**

INDEPENDENT DEVELOPMENT TRUST
IDT Eastern Cape Office
Palm Square Business Park, Silverwood House, Beacon Bay
EAST LONDON
5200

Name and
signature

of witness Date

.

Schedule of Deviations

1 Subject

.....

Details

.....

.....

.....

.....

.....

.....

.....

2 Subject

.....

Details

.....
.....
.....
.....
.....

3 Subject

.....
 Details

4 Subject

.....
 Details

5 Subject

.....
 Details

By the duly authorized representatives signing this agreement, the employer and the tenderer agree to and accept the foregoing schedule of deviations as the only deviations from and amendments to the documents listed in the tender data and addenda thereto as listed in the tender schedules, as well as any confirmation,

clarification or changes to the terms of the offer agreed by the tenderer and the employer during this process of offer and acceptance.

It is expressly agreed that no other matter whether in writing, oral communication or implied during the period between the issue of the tender documents and the receipt by the tenderer of a completed signed copy of this Agreement shall have any meaning or effect in the contract between the parties arising from this agreement.

INVITATION TO BID

YOU ARE HEREBY INVITED TO BID FOR REQUIREMENTS OF THE (INDEPENDENT DEVELOPMENT TRUST (IDT))					
BID NUMBER:	DOEEC/05/2023/2024	CLOSING DATE: 25 July 2023		CLOSING TIME:	11:00
DESCRIPTION	Construction of Grade R at Lingelethu Junior Primary School				
BID RESPONSE DOCUMENTS MAY BE DEPOSITED IN THE BID BOX SITUATED AT (STREET ADDRESS)					
Independent Development Trust					
Palm Square Business Centre, Silverwood House					
Bonza Bay Road, Beacon Bay					
East London					
BIDDING PROCEDURE ENQUIRIES MAY BE DIRECTED TO			TECHNICAL ENQUIRIES MAY BE DIRECTED TO:		
CONTACT PERSON	Nomnikelo Dyasi		CONTACT PERSON	Makoae Monaheng	
TELEPHONE NUMBER	043 711 6000		TELEPHONE NUMBER	060 505 3737	
FACSIMILE NUMBER			FACSIMILE NUMBER		
E-MAIL ADDRESS	nomnikelod@idt.org.za		E-MAIL ADDRESS	makoae@dingaanassociates.co.za	
SUPPLIER INFORMATION					
NAME OF BIDDER					
POSTAL ADDRESS					
STREET ADDRESS					
TELEPHONE NUMBER	CODE		NUMBER		
CELLPHONE NUMBER					
FACSIMILE NUMBER	CODE		NUMBER		
E-MAIL ADDRESS					
VAT REGISTRATION NUMBER					
SUPPLIER COMPLIANCE STATUS	TAX COMPLIANCE SYSTEM PIN:		OR	CENTRAL SUPPLIER DATABASE No:	MAAA
SBD 6.1 REQUIREMENT MUST BE COMPLIED TO CLAIM POINTS ON SPECIFIC GOALS					
I. ARE YOU THE ACCREDITED REPRESENTATIVE IN SOUTH AFRICA FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES ENCLOSE PROOF]	II. ARE YOU A FOREIGN BASED SUPPLIER FOR THE GOODS /SERVICES /WORKS OFFERED?	<input type="checkbox"/> Yes <input type="checkbox"/> No [IF YES, ANSWER THE QUESTIONNAIRE BELOW]		
QUESTIONNAIRE TO BIDDING FOREIGN SUPPLIERS					
IS THE ENTITY A RESIDENT OF THE REPUBLIC OF SOUTH AFRICA (RSA)?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A BRANCH IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	
DOES THE ENTITY HAVE A PERMANENT ESTABLISHMENT IN THE RSA?				<input type="checkbox"/> YES <input type="checkbox"/> NO	

DOES THE ENTITY HAVE ANY SOURCE OF INCOME IN THE RSA?

YES NO

IS THE ENTITY LIABLE IN THE RSA FOR ANY FORM OF TAXATION?

YES NO

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

**PART B
TERMS AND CONDITIONS FOR BIDDING**

1. BID SUBMISSION:
1.1. BIDS MUST BE DELIVERED BY THE STIPULATED TIME TO THE CORRECT ADDRESS. LATE BIDS WILL NOT BE ACCEPTED FOR CONSIDERATION.
1.2. ALL BIDS MUST BE SUBMITTED ON THE OFFICIAL FORMS PROVIDED–(NOT TO BE RE-TYPED) OR IN THE MANNER PRESCRIBED IN THE BID DOCUMENT.
1.3. THIS BID IS SUBJECT TO THE PREFERENTIAL PROCUREMENT POLICY FRAMEWORK ACT, 2000 AND THE PREFERENTIAL PROCUREMENT REGULATIONS, 2022, THE GENERAL CONDITIONS OF CONTRACT (GCC) AND, IF APPLICABLE, ANY OTHER SPECIAL CONDITIONS OF CONTRACT.
1.4. THE SUCCESSFUL BIDDER WILL BE REQUIRED TO FILL IN AND SIGN A WRITTEN CONTRACT FORM (SBD7).
2. TAX COMPLIANCE REQUIREMENTS
2.1 BIDDERS MUST ENSURE COMPLIANCE WITH THEIR TAX OBLIGATIONS.
2.2 BIDDERS ARE REQUIRED TO SUBMIT THEIR UNIQUE PERSONAL IDENTIFICATION NUMBER (PIN) ISSUED BY SARS TO ENABLE THE ORGAN OF STATE TO VERIFY THE TAXPAYER'S PROFILE AND TAX STATUS.
2.3 APPLICATION FOR TAX COMPLIANCE STATUS (TCS) PIN MAY BE MADE VIA E-FILING THROUGH THE SARS WEBSITE WWW.SARS.GOV.ZA.
2.4 BIDDERS MAY ALSO SUBMIT A PRINTED TCS CERTIFICATE TOGETHER WITH THE BID.
2.5 IN BIDS WHERE CONSORTIA / JOINT VENTURES / SUB-CONTRACTORS ARE INVOLVED; EACH PARTY MUST SUBMIT A SEPARATE TCS CERTIFICATE / PIN / CSD NUMBER.
2.6 WHERE NO TCS PIN IS AVAILABLE BUT THE BIDDER IS REGISTERED ON THE CENTRAL SUPPLIER DATABASE (CSD), A CSD NUMBER MUST BE PROVIDED.
2.7 NO BIDS WILL BE CONSIDERED FROM PERSONS IN THE SERVICE OF THE STATE, COMPANIES WITH DIRECTORS WHO ARE PERSONS IN THE SERVICE OF THE STATE, OR CLOSE CORPORATIONS WITH MEMBERS PERSONS IN THE SERVICE OF THE STATE.”

NB: FAILURE TO PROVIDE / OR COMPLY WITH ANY OF THE ABOVE PARTICULARS MAY RENDER THE BID INVALID.

SIGNATURE OF BIDDER:

.....

CAPACITY UNDER WHICH THIS BID IS SIGNED:

.....

(Proof of authority must be submitted e.g. company resolution)

DATE:

.....

BIDDER’S DISCLOSURE

1. PURPOSE OF THE FORM

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

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

2. Bidder’s declaration

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

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

Full Name	Identity Number	Name of State institution

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

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

2.2.1 If so, furnish particulars:

.....
.....

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

2.3.1 If so, furnish particulars:

.....
.....

3 DECLARATION

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

- 3.1 I have read and I understand the contents of this disclosure;
- 3.2 I understand that the accompanying bid will be disqualified if this disclosure is found not to be true and complete in every respect;
- 3.3 The bidder has arrived at the accompanying bid independently from, and without consultation, communication, agreement or arrangement with any competitor. However, communication between partners in a joint venture or consortium will not be construed as collusive bidding.
- 3.4 In addition, there have been no consultations, communications, agreements or arrangements with any competitor regarding the quality, quantity, specifications, prices, including methods, factors or formulas used to calculate prices, market allocation, the intention or decision to submit or not to submit the bid, bidding with the intention not to win the bid and conditions or delivery particulars of the products or services to which this bid invitation relates.
- 3.4 The terms of the accompanying bid have not been, and will not be, disclosed by the bidder, directly or indirectly, to any competitor, prior to the date and time of the official bid opening or of the awarding of the contract.
- 3.5 There have been no consultations, communications, agreements or arrangements made by the bidder with any official of the procuring institution in relation to this procurement process prior to and during the bidding process except to provide clarification on the bid submitted where so required by the

institution; and the bidder was not involved in the drafting of the specifications or terms of reference for this bid.

3.6 I am aware that, in addition and without prejudice to any other remedy provided to combat any restrictive practices related to bids and contracts, bids that are suspicious will be reported to the Competition Commission for investigation and possible imposition of administrative penalties in terms of section 59 of the Competition Act No 89 of 1998 and or may be reported to the National Prosecuting Authority (NPA) for criminal investigation and or may be restricted from conducting business with the public sector for a period not exceeding ten (10) years in terms of the Prevention and Combating of Corrupt Activities Act No 12 of 2004 or any other applicable legislation.

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

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

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

³ **Joint venture or Consortium means an association of persons for the purpose of combining their expertise, property, capital, efforts, skill and knowledge in an activity for the execution of a contract.**

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

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

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

1. GENERAL CONDITIONS

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

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

1.2 **To be completed by the organ of state**

(delete whichever is not applicable for this Bid).

- a) The applicable preference point system for this Bid is the 80/20 preference point system.
- b) 80/20 preference point system will be applicable in this Bid. The lowest/ highest acceptable Bid will be used to determine the accurate system once Bids are received.

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

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

1.4 **To be completed by the organ of state:**

The maximum points for this Bid are allocated as follows:

	POINTS	
PRICE	90	80
SPECIFIC GOALS	10	20
TARGETED GROUP		
Women	3	6
Youth	3	6
People with Disabilities	2	4
Black	2	4
Total points for Price and SPECIFIC GOALS	100	100

- 1.5 Failure on the part of a Bidder to submit proof or documentation required in terms of this Bid to claim points for specific goals with the Bid, will be interpreted to mean that preference points for specific goals are not claimed.
- 1.6 The organ of state reserves the right to require of a Bidder, either before a Bid is adjudicated or at any time subsequently, to substantiate any claim in regard to preferences, in any manner required by the organ of state.

2. DEFINITIONS

- (a) **“bid”**
means a written offer in the form determined by an organ of state in response to an invitation to provide goods or services through price quotations, competitive Bidding process or any other method envisaged in legislation;
- (b) **“price”** means an amount of money tendered for goods or services, and

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

3. FORMULAE FOR PROCUREMENT OF GOODS AND SERVICES

3.1. POINTS AWARDED FOR PRICE

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

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

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

Where

P_s = Points scored for price of Bid under consideration

P_t = Price of Bid under consideration

P_{min} = Price of lowest acceptable Bid

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

3.1.1. POINTS AWARDED FOR PRICE

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

$$\begin{array}{ccc} \mathbf{80/20} & \mathbf{or} & \mathbf{90/10} \\ \\ \mathbf{P_s = 80 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)} & \mathbf{or} & \mathbf{P_s = 90 \left(1 + \frac{P_t - P_{max}}{P_{max}} \right)} \end{array}$$

Where

- Ps = Points scored for price of Bid under consideration
- Pt = Price of Bid under consideration
- Pmax = Price of highest acceptable Bid

4. POINTS AWARDED FOR SPECIFIC GOALS

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

then the organ of state must indicate the points allocated for specific goals for both the 90/10 and 80/20 preference point system.

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

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

Note to Bidders: The Bider must indicate how they claim points for each preference point system.)

The specific goals allocated points in terms of this Bid	Number of points allocated (90/10 system) (To be completed by the organ of state)	Number of points allocated (80/20 system) (To be completed by the organ of state)	Number of points claimed (90/10 system) (To be completed by the Bider)	Number of points claimed (80/20 system) (To be completed by the Bider)
Women	3	6		
Youth	3	6		
People with Disabilities	2	4		
Black	2	4		

Source Documents to be submitted with the Bid or RFQ

*CIPC Document (Company Registration Document will be required for verification (CIPC DOC))

*Woman (Originally Certified ID Document)

*Youth (Originally Certified ID Document)

*People with Disability (Letter from the Dr. Confirming the Disability)

*Black Ownership (Originally Certified ID Document)

DECLARATION WITH REGARD TO COMPANY/FIRM

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

4.4. Company registration number:
.....

4.5. TYPE OF COMPANY/ FIRM

- Partnership/Joint Venture / Consortium
- One-person business/sole propriety
- Close corporation
- Public Company
- Personal Liability Company
- (Pty) Limited
- Non-Profit Company
- State Owned Company

[TICK APPLICABLE BOX]

4.6. I, the undersigned, who is duly authorised to do so on behalf of the company/firm, certify that the points claimed, based on the specific goals as advised in the Bid, qualifies the company/ firm for the preference(s) shown and I acknowledge that:

- i) The information furnished is true and correct;
- ii) The preference points claimed are in accordance with the General Conditions as indicated in paragraph 1 of this form;
- iii) In the event of a contract being awarded as a result of points claimed as shown in paragraphs 1.4 and 4.2, the contractor may be required to furnish documentary proof to the satisfaction of the organ of state that the claims are correct;
- iv) If the specific goals have been claimed or obtained on a fraudulent basis or any of the conditions of contract have not been fulfilled, the organ of state may, in addition to any other remedy it may have –

(a) disqualify the person from the Bidding process;

- (b) recover costs, losses or damages it has incurred or suffered as a result of that person's conduct;
- (c) cancel the contract and claim any damages which it has suffered as a result of having to make less favourable arrangements due to such cancellation;
- (d) recommend that the Bidder or contractor, its shareholders and directors, or only the shareholders and directors who acted on a fraudulent basis, be restricted from obtaining business from any organ of state for a period not exceeding 10 years, after the *audi alteram partem* (hear the other side) rule has been applied; and
- (e) forward the matter for criminal prosecution, if deemed

<p>.....</p> <p>SIGNATURE(S) OF TENDERER(S)</p>	
SURNAME AND NAME:
DATE:
ADDRESS:

DECLARATION CERTIFICATE FOR LOCAL PRODUCTION AND CONTENT FOR DESIGNATED SECTORS

This Standard Bidding Document (SBD) must form part of all bids invited. It contains general information and serves as a declaration form for local content (local production and local content are used interchangeably).

Before completing this declaration, bidders must study the General Conditions, Definitions, Directives applicable in respect of Local Content as prescribed in the Preferential Procurement Regulations, 2017, the South African Bureau of Standards (SABS) approved technical specification number SATS 1286:2011 (Edition 1) and the Guidance on the Calculation of Local Content together with the Local Content Declaration Templates [Annex C (Local Content Declaration: Summary Schedule), D (Imported Content Declaration: Supporting Schedule to Annex C) and E (Local Content Declaration: Supporting Schedule to Annex C)].

1. General Conditions

- 1.1. Preferential Procurement Regulations, 2017 (Regulation 8) make provision for the promotion of local production and content.
- 1.2. Regulation 8.(2) prescribes that in the case of designated sectors, organs of state must advertise such Bids with the specific bidding condition that only locally produced or manufactured goods, with a stipulated minimum threshold for local production and content will be considered.
- 1.3. Where necessary, for Bids referred to in paragraph 1.2 above, a two stage bidding process may be followed, where the first stage involves a minimum threshold for local production and content and the second stage price.
- 1.4. A person awarded a contract in relation to a designated sector, may not sub-contract in such a manner that the local production and content of the overall value of the contract is reduced to below the stipulated minimum threshold.
- 1.5. The local content (LC) expressed as a percentage of the bid price must be calculated in accordance with the SABS approved technical specification number SATS 1286: 2011 as follows:

$$LC = [1 - x / y] * 100$$

Where

- x is the imported content in Rand
- y is the bid price in Rand excluding value added tax (VAT)

Prices referred to in the determination of x must be converted to Rand (ZAR) by using the exchange rate published by South African Reserve Bank (SARB) on the date of advertisement of the bid as indicated in paragraph 3.1 below.

The SABS approved technical specification number SATS 1286:2011 is accessible on [http://www.thedti.gov.za/industrial development/ip.jsp](http://www.thedti.gov.za/industrial%20development/ip.jsp) at no cost.

1.6 A bid may be disqualified if –

(a) this Declaration Certificate and the Annex C (Local Content Declaration: Summary Schedule) are not submitted as part of the bid documentation; and

2. The stipulated minimum threshold(s) for local production and content (refer to Annex A of SATS 1286:2011) for this bid is/are as follows:

3.

Item	Description of Service	Stipulated Threshold	Minimum
A	Roof Sheeting	100%	
B	Reinforcing bars	100%	
C	Window Frames	100%	
D	Door Frames	100%	
E	Gutters and Downpipes	100%	
F	Wire Products	100%	
G	Fasteners	100%	
H	School Furniture	100%	

3. Does any portion of the services, works or goods offered have any imported content?

(Tick applicable box)

YES	<input type="checkbox"/>	NO	<input checked="" type="checkbox"/>
-----	--------------------------	----	-------------------------------------

3.1 If yes, the rate(s) of exchange to be used in this bid to calculate the local content as prescribed in paragraph 1.5 of the general conditions must be the rate(s) published by SARB for the specific currency at 12:00 on the date of advertisement of the bid.

The relevant rates of exchange information is accessible on www.reservebank.co.za.

Indicate the rate(s) of exchange against the appropriate currency in the table below (refer to Annex A of SATS 1286:2011):

Currency	Rates of exchange
US Dollar	
Pound Sterling	
Euro	
Yen	
Other	

BID

41

T1.1

Part T1: Bidding procedures

Bid Notice and Invitation to Bid

BID No: DOEEC/05/2023/2024

NB: Bidders must submit proof of the SARB rate (s) of exchange used.

4. Where, after the award of a bid, challenges are experienced in meeting the stipulated minimum threshold for local content the dti must be informed accordingly in order for the dti to verify and in consultation with the AO/AA provide directives in this regard.

LOCAL CONTENT DECLARATION
(REFER TO ANNEX B OF SATS 1286:2011)

LOCAL CONTENT DECLARATION BY CHIEF FINANCIAL OFFICER OR OTHER LEGALLY RESPONSIBLE PERSON NOMINATED IN WRITING BY THE CHIEF EXECUTIVE OR SENIOR MEMBER/PERSON WITH MANAGEMENT RESPONSIBILITY (CLOSE CORPORATION, PARTNERSHIP OR INDIVIDUAL)

IN RESPECT OF BID NO.

ISSUED BY: (Procurement Authority / Name of Institution):

.....

NB

1 The obligation to complete, duly sign and submit this declaration cannot be transferred to an external authorized representative, auditor or any other third party acting on behalf of the bidder.

2 Guidance on the Calculation of Local Content together with Local Content Declaration Templates (Annex C, D and E) is accessible on <http://www.thdti.gov.za/industrialdevelopment/ip.jsp>. Bidders should first complete Declaration D. After completing Declaration D, bidders should complete Declaration E and then consolidate the information on Declaration C. **Declaration C should be submitted with the bid documentation at the closing date and time of the bid in order to substantiate the declaration made in paragraph (c) below.** Declarations D and E should be kept by the bidders for verification purposes for a period of at least 5 years. The successful bidder is required to continuously update Declarations C, D and E with the actual values for the duration of the contract.

I, the undersigned, (full names),

do hereby declare, in my capacity as

of(name of bidder entity), the following:

(a) The facts contained herein are within my own personal knowledge.

(b) I have satisfied myself that:

- (i) the goods/services/works to be delivered in terms of the above-specified bid comply with the minimum local content requirements as specified in the bid, and as measured in terms of SATS 1286:2011; and
- (ii) the declaration templates have been audited and certified to be correct.

(c) The local content percentage (%) indicated below has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E which has been consolidated in Declaration C:

Bid price, excluding VAT (y)	R
Imported content (x), as calculated in terms of SATS 1286:2011	R
Stipulated minimum threshold for local content (paragraph 3 above)	
Local content %, as calculated in terms of SATS 1286:2011	

If the bid is for more than one product, the local content percentages for each product contained in Declaration C shall be used instead of the table above. The local content percentages for each product has been calculated using the formula given in clause 3 of SATS 1286:2011, the rates of exchange indicated in paragraph 4.1 above and the information contained in Declaration D and E.

- (d) I accept that the Procurement Authority / Institution has the right to request that the local content be verified in terms of the requirements of SATS 1286:2011.
- (e) I understand that the awarding of the bid is dependent on the accuracy of the information furnished in this application. I also understand that the submission of incorrect data, or data that are not verifiable as described in SATS 1286:2011, may result in the Procurement Authority / Institution imposing any or all of the remedies as provided for in Regulation 14 of the Preferential Procurement Regulations, 2017 promulgated under the Preferential Policy Framework Act (PPPFA), 2000 (Act No. 5 of 2000).

SIGNATURE: _____ **DATE:** _____

WITNESS No. 1 _____ **DATE:** _____

WITNESS No. 2 _____ **DATE:** _____

Annex D

Imported Content Declaration - Supporting Schedule to Annex C

Bid No. _____ Bid description: _____
 Bid Ref: _____ Construction of Grade R at LINGELETHU JPS
 Bid Authority: _____
 Bidding Entity name: _____
 Bid Exchange Rate: _____

Pula _____ R 9.00 _____ GBP R 12.00 _____

Notes: VAT to be excluded from all calculations

A. Exempted imported content

Bid Item no's	Description of imported content	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Bid Exchange Rate	Calculation of imported content			Total landed cost excl VAT	Exempted imported value
						Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties		
(D2)	(D3)	(D9)	(D10)	(D11)	(D12)	(D13)	(D14)	(D15)	(D16)	(D18)
(D19) Total exempt imported value R										
This total must correspond with Annex C - C.21										

B. Imported directly by the Bidder

Bid Item no's	Description of imported content	Unit of measure	Overseas Supplier	Foreign currency value as per Commercial Invoice	Bid Rate of Exchange	Calculation of imported content			Total landed cost excl VAT	Total imported value
						Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties		
(D20)	(D21)	(D22)	(D23)	(D24)	(D25)	(D26)	(D27)	(D28)	(D29)	(D31)
(D32) Total imported value by Bidder R										

C. Imported by a 3rd party and supplied to the Bid

Description of imported content	Unit of measure	Local supplier	Overseas Supplier	Foreign currency value as per Commercial Invoice	Bid Rate of Exchange	Calculation of imported content			Total landed cost excl VAT	Total imported value
						Local value of imports	Freight costs to port of entry	All locally incurred landing costs & duties		
(D33)	(D34)	(D35)	(D36)	(D37)	(D38)	(D39)	(D40)	(D41)	(D42)	(D44)
(D45) Total imported value by 3rd party R										

D. Other foreign currency payments

Type of payment	Local supplier making the payment	Overseas beneficiary	Calculation of foreign currency payments		Summary of payments
			Foreign currency value paid	Bid Rate of Exchange	
(D46)	(D47)	(D48)	(D49)	(D50)	(D51)
(D52) Total of foreign currency payments declared by bidder and/or 3rd party					R
(D53) Total of imported content & foreign currency payments - (D32), (D45) & (D52) above					R
This total must correspond with Annex C - C.23					O

Signature of Bidder from Annex B _____

Date: _____

Annex E

Local Content Declaration - Supporting Schedule to Annex C

Note: VAT to be excluded from all calculations

(E1) Bid No. DOEEC/05/2023/2024
 (E2) Bidder description: Construction of Grade R at LINGELETHU JPS
 (E3) Designated products:
 (E4) Bid Authority:
 (E5) Bidding Entity name:

Local Products (Goods, Services and Works)	Description of items purchased (E6)	Local suppliers (E7)	Value (E8)
	(E9) Total local products (Goods, Services and Works)		R -

(E10) **Manpower costs** Bidder's R -

(E11) **Factory overheads** (Rental, depreciation & amortisation, utility costs, consumables etc.) R -

(E12) **Administration overheads and mark-up** (Marketing, insurance, financing, interest etc.) R -

(E13) Total local content R -

This total must correspond with Annex C - C24

Signature of Bidder from Annex B

Date: _____

B1.2 Project Shedule						
Project Start Date		A 02-Oct-22				
B1.2 (a) Site preparation and fencing						
Item No.	Description of activity	Start Date	Finish Date	No. of Calendar days		
1		B	C	D		
2						
3						
B1.2 (b) Construction of new school facility						
Item No.	Description	Start Date	Finish Date	No. of Calendar days		
		E	F	G		
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						
11						
12						
13						
B1.2 (c) Finishing						
Item No.	Description of activity	Start Date	Finish Date	No. of Calendar days		
		H	I	J		
22	Commissioning of Services; water, sewer, electricity and HAND OVER					
B1.2 (d) Summary: Project Duration						
Project Start Date		Project Finish / Hand Over Date (P)		Total Number of Calendar Days (I - A)		
A		I		K		
02-Oct-22		02-Oct-22				

Record of Addenda to Bid documents

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

	Date	Title or Details
1.		
2.		
3.		
4.		
5.		
6.		
7.		
8.		

Attach additional pages if more space is required.

Signed

Date

Name

Position

Identity
number

Bidder

INDEPENDENT DEVELOPMENT TRUST

C1.2 Contract Data for BID NO: DOEEC/05/2023/2024

The Conditions of Contract are clauses 1 to 41 of the **JBCC Series 2000 Principal Building Agreement (Edition 4.1 March 2005)** published by the Joint Building Contracts Committee.

Copies of these conditions of contract may be obtained from the Association of South African Quantity Surveyors (011-3154140), Master Builders Association (011-205-9000; 057-3526269) South African Association of Consulting Engineers (011-4632022) or South African Institute of Architects (051-4474909; 011-4860684; 053-8312014;)

The JBCC Principal Building Agreement makes several references to the Contract Data for specific data, which together with these conditions collectively describe the risks, liabilities and obligations of the contracting parties and the procedures for the administration of the Contract. The Contract Data shall have precedence in the interpretation of any ambiguity or inconsistency between it and the JBCC Principal Building Agreement.

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

The additions, deletions and alterations to the JBCC Principal Agreement are:

Clause Additions, deletions and alterations

- 1.1 Replace the following definitions in **DEFINITIONS AND INTERPRETATIONS** with the following wording:
AGREEMENT means the agreement arising from the signing of the Form of Offer and Acceptance by the parties.
BILLS OF QUANTITIES means the document drawn up in accordance with the Pricing Instructions contained in the Pricing Data.
CONSTRUCTION PERIOD means the period commencing on the date of site hand over and ending on the date of practical completion.
CONTRACT DOCUMENTS means the Agreement and all documents referenced therein.
CONTRACT DRAWINGS means the drawings listed in the Scope of Work.
CONTRACT SUM means the total of prices in the Form of Offer and Acceptance.
SCHEDULE means the variables listed in the Contract Data.
CORRUPT PRACTICE means the offering, giving, receiving and soliciting of anything of value to influence the action of a public official in the procurement process or in contract execution
FRAUDULENT PRACTICE means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of any Bider, and includes collusive practice among bidders (prior to or after the Bid submission) designed to establish Bid prices at artificial non-competitive levels and to deprive the Bider of the benefits of free and open competition.
INTEREST means the interest rates applicable to this contract, whether specifically indicated in the relevant clauses or not, will be the rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No. 1 of 1999).
SECURITY means the form of security provided by the **employer** or **contractor**, as stated in the **schedule**, from which the **contractor** or **employer** may recover expense or loss.
- 1.6 Any notice given may be delivered by hand, sent by prepaid registered post or telefax. Notice shall be presumed to have been duly given when:
Delete sub-clause 1.6.4
- 3.5 Delete sub-clause 3.5
- 3.6 Delete sub-clause 3.6.
- 3.7 Add to the end thereof:

The **contractor** shall supply and keep a copy of the **JBCC Series 2000 Principal Building Agreement**

and Preliminaries applicable to this contract on the site, to which the **employer, principal agent** and **agents** shall have access at all times.

3.9 Delete sub-clause 3.9

3.10 Replace the second reference to "**principal agent**" with the word "**employer**".

4.3 No clause

5.1.2 Under clause 41 – include reference 32.6.3; 34.3; 34.4 and 38.5.8 in terms of which the **employer** has retained its authority and has not given a mandate to the **principal agent** and in terms of which the **employer** shall sign all documents.

9 Clause 9.0 is amended by adding Clause 9.1.4:

The **contractor** indemnifies and holds harmless the **employer** against all liability, losses, claims, damages, penalties, actions, proceedings or judgments (collectively referred to as "Losses") arising from any infringement of letters, patent design, trademark, name, copyright or other protected rights in respect of any machine, plant, work, materials, thing, system or method of using, fixing, working or arrangement used or fixed or supplied by the **contractor**, but such indemnity shall not cover any use of the equipment of part thereof otherwise than in accordance with the provisions of the specification. All payments and royalties payable in one sum or by installments or otherwise shall be included by the **contractor** in the price and shall be paid by him to those to whom they may be payable. The **contractor** shall reimburse the **employer** for all legal and other costs and expenses, including without limitation attorney's fees on attorney-client scale incurred by the **employer** in connection with investigation, defending or settling any Losses in connection with pending or threatening litigation in which the **employer** is a party.

10.5 Add the following as 10.5:

Damage to the works

(a) Without any way limiting the **contractor's** obligations in terms of the contract, the **contractor** shall

bear the full risk of damage to and/or destruction of the **works** by whatever cause during construction of the **works** and hereby indemnifies and holds harmless the **employer** against any such damage. The **contractor** shall take such precautions and security measures and other steps for the protection and security of the **works** as the **contractor** may deem necessary.

(b) The **contractor** shall at all times proceed immediately to remove or dispose of any debris arising from damage or destruction of the **works** and to rebuild, restore, replace and/or repair the **works**.

(c) The **employer** shall carry the risk of damage to or destruction of the **works** and materials paid for by the **employer** that is the result of the expected risks as set out in 10.6.

(d) Where the **employer** bears the risk in terms of this contract, the **contractor** shall, if requested to do so, reinstate any damage or destroyed portions of the **works** and the costs of such reinstatement shall be measured and valued in terms of 32.0 hereof.

10.6 Add the following as 10.6:

Injury to Persons or loss of or damage to Properties

(a) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding whether arising in common law or by statute, consequent upon personal injuries

to or the death of any person whomsoever arising out of or in the course of or caused by the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable.

(b) The **contractor** shall be liable for and hereby indemnifies the **employer** against any liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immoveable

property or personal property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person, arising out of or in the course of or by reason of the execution of the **works** unless due to any act or negligence of any person for whose actions the **employer** is legally liable.

(c) The **contractor** shall upon receiving a **contract instruction** from the **principal agent** cause the same to be made good in a perfect and workmanlike manner at his own cost and in default thereof the **employer** shall be entitled to cause it to be made good and to recover the cost therefore from the **contractor** or to deduct the same from amounts due to the **contractor**.

(d) The **contractor** shall be responsible for the protection and safety of such portions of the premises placed under his control by the **employer** for the purpose of executing the **works** until the issue of the **certificate of practical completion**.

(e) Where the execution of the **works** involves the risk of removal of or interference with support to adjoining properties including land or structures or any structures to be altered or added to, the **contractor** shall obtain adequate insurance and will remain adequately insured or insured to the specific limit stated in the contract against the death of or injury to persons or damage to such property consequent on such removal or interference with the support until such portion of the **works** has been completed.

(f) The **contractor** shall at all times proceed immediately at his own cost to remove or dispose of any debris and to rebuild, restore, replace and / or repair such property and to execute the **works**.

10.7 Add the following as 10.7:

HIGH RISK INSURANCE

In the event of the project being executed in a geological area classified as a "High Risk Area", that is an area which is subject to highly unstable subsurface conditions which might result in catastrophic ground movement evident by sinkhole or doline formation the following will apply:

10.7.1 **Damage to the works**

The **contractor** shall, from the **commencement date** of the **works** until the date of the **certificate of practical completion**, bear the full risk of and hereby indemnifies and hold harmless the **employer** against any damage to and/or destruction of the **works** consequent upon a catastrophic ground movement as mentioned above. The **contractor** shall take such precautions and security measures and other steps for the protection of the **works** as he may deem necessary.

When so instructed to do so by the **principal agent**, the **contractor** shall proceed immediately to remove and/or dispose of any debris arising from damage to or destruction of the **works** and to rebuild, replace and/or repair the **works**, at the **contractor's** own costs.

10.7.2 **Injury to persons or loss of or damage to property**

The **contractor** shall be liable for and hereby indemnifies and holds harmless the **employer** against any liability, loss, claim or proceeding arising at any time during the period of the contract whether arising in common law or by statute, consequent upon personal injuries to or the death of any person whomsoever resulting from, arising out of or caused by a catastrophic ground movement as mentioned above.

The **contractor** shall be liable for and hereby indemnifies the **employer** against any and all liability, loss, claim or proceeding consequent upon loss of or damage to any moveable, or immovable property or property contiguous to the **site**, whether belonging to or under the control of the **employer** or any other body or person whomsoever arising out of or caused by a catastrophic ground movement, as mentioned above, which occurred during the period of construction.

- 10.7.3 It is the responsibility of the **contractor** to ensure that he has adequate insurance to cover his risk and liability as mentioned in 10.7.1 and 10.7.2. Without limiting the **contractor's** obligations in terms of the contract, the **contractor** shall, within twenty-one (21) **calendar days** of the **commencement date** but before commencement of the **works** submit to the **employer** proof of such insurance policy, if requested to do so.
- 10.7.4 The **employer** shall be entitled to recover any and all losses and/or damages of whatever nature suffered or incurred subsequent upon the **contractor's** default of his obligations as set out in 10.7.1, 10.7.2 and 10.7.3. Such losses or damages may be recovered from the **contractor** or by deducting the same from any amounts still due under this contract or under any other contract presently or hereafter existing between the **employer** and the **contractor** and for this purpose all these contracts shall be considered on indivisible whole.
- 15.1.4 Add 15.1.4 as follows:

An acceptable health and safety plan, required in terms of the Occupational Health and Safety Act, 1993 (Act 85 of 1993), within twenty-one (21) **calendar days** of date of acceptance of the Bid.
- 15.2.1 Under 41: Amend to read as follows:

Give the **contractor** possession of the **site** within ten (10) **working days** of the **contractor** complying with the terms of 15.1
- 20.1.3 No clause.
- 21 Replace sub-clauses 21.1.2 to 21.1.4 and 21.2 to 21.6 with the following:

The **contractor** and **principal agent** shall appoint a **selected subcontractor** in accordance with the provisions of the Scope of Work.
- 29 Clause 29.0 is amended by: -
- i) The addition of the following clauses: -
- Clause 29.9
"Revision to the date for **practical completion** shall only be considered when work on the critical path of the agreed programme for the works is delayed."
- ii) Clause 29.10 – Acceleration
- Clause 29.10.1
Irrespective of whether or not the **principal agent** rules that the **contractor** is entitled to an extension of time or a revision of the date for **practical completion**, the **principal agent** shall nevertheless, at any time, be entitled to instruct the **contractor** in writing to accelerate the progress of the remaining **works** to ensure that the **works** are completed by the original date for **practical completion** or revised date as the case may be.
- Clause 29.10.2
Upon receipt of such instruction, the **contractor** shall take all necessary steps to ensure that the **works** are completed timeously including the provision by him of additional resources, plant, manpower, etc. and the working overtime or additional overtime beyond that contemplated at the time of Bid (at all times adhering to the regulations and requirements of all authorities) and by all other adequate and proper means and methods. The **contractor** shall prove that such steps are being taken if called upon to do so.
- Clause 29.10.3
The **contractor's** entitlement to compensation arising out of or in respect of any revision to the date for **practical completion** that may have been granted by the **principal agent** or alternatively where the **principal agent** has instructed the **contractor** to accelerate, shall be adjudicated strictly in terms of clause 32.
- 30.1 Replace reference to 36.3 at end of sentence with 36.0
- 31.12 Delete "Payment shall be subject to the **employer** giving the **contractor** a **tax** invoice for the amount due."

- 32.5.1 Add the following to the end of each of these clauses: "... due to no fault of the **contractor**."
32.5.4
32.5.7
- 32.12 Delete sub-clause
- 34.2 Add # next to 34.2
- 34.13 Replace "seven (7) **calendar days**" with "thirty-one (31) **calendar days**" and delete the words "subject to the **employer** giving the **contractor** a **tax** invoice for the amount due"
- 36.1 Add the following clauses 36.1.3 to 36.1.5 under 36.1 to read as follows:
- 36.1.3 The **contractor's** refusal or neglect to comply strictly with any of the conditions of contract.
- 36.1.4 The **contractor's** estate being sequestrated, liquidated or surrendered in terms of the insolvency laws in force with the Republic of South Africa.
- 36.1.5 The **contractor**, in the judgment of the **employer**, has engaged in **corrupt** or **fraudulent practices** in competing for or in executing the contract.
- 36.3 Replace "**principal agent**" with "**employer**".
- 37.3.5 Replace "ninety (90)" with "one hundred and twenty (120)".
38.5.4
- 39.3.5 Add the following words at the end thereof: "within one hundred and twenty (120) **working days** of completion of such a report."
- 1.1 Delete in the Substitute Provisions (41.0 State Clauses) clause 41.1.3 the definitions for
(41.1.3) **CONSTRUCTION PERIOD** and **INTEREST**. Sub-clause 1.1 definitions will apply (see contract data)
- 10.1 Delete in the Substitute Provisions (41.0 State Clauses) clauses 10.1, 10.2 and 10.4 so that the
10.2 provisions of sub-clauses 10.1, 10.2 and 10.4 of the non-**state** clauses will apply to the **state**.
10.4
(41.0)
- 11.1 Delete in the Substitute Provisions (41.0 State Clauses) clause 11.1 so that the provisions of clause
(41.0) 11.1 of the non-**state** clause will apply to the **state**.
- 12.1 Delete in the Substitute Provisions (41.0 State Clauses) clause 12.1 so that the provisions of clause
(41.0) 12.1 of the non-**state** clause will apply to the **state** and replace "**contractor**" in clause 10.1 in the Substitute Provisions (41.0 State Clauses) with "The party responsible in terms of 12.1"
- 12.2 Amend the first part of the first sentence in clause 12.2 of the Substitute Provisions (41.0 State
(41.0) Clauses) to read "Where the **contractor** is responsible for insurances, the **contractor** shall"
- 31.11.1 Delete in the Substitute Provisions (41.0 State Clauses) sub-clauses 31.11.1 and 31.11.2 so that the
31.11.2 provisions of sub-clause 31.11.1 of the non-**state** clause will apply to the **state**.
(41.0)
- 36.7 Add in the Substitute Provisions (41.0 State Clauses) as clauses 36.7, 37.5 and 39.5, the following:
37.5 Notwithstanding any clause to the contrary, on cancellation of this agreement either by the **employer**
39.5 or the **contractor**, or for any reason whatsoever, the **contractor** shall on written instruction,
(41.0) discontinue with the **works** on a stated date and withdraw himself from the **site**. The contractor shall not be entitled to refuse to withdraw from the **works** on the grounds of any lien or right of retention or on the grounds of any other right whatsoever.
- 40.2.1 Delete in the Substitute Provisions (41.0 State Clauses) clauses 40.2.1, 40.2.2, 40.3, 40.4, 40.5 and
40.2.2 40.6 and replace with the following:
40.3
40.4 40.1 Should any dispute between the **employer**, his **agents** or **principal agent** on the one hand
40.5 and the contractors on the other arise out of this **agreement**, such dispute shall be referred to
40.6 adjudication.

(41.0)

- 40.2 Adjudication shall be conducted in accordance with the edition of the JBCC Rules for Adjudication current at the time when the dispute is declared. The party, which raises the dispute, shall select three adjudicators from the panel of adjudicators published by the South African Institution of Civil Engineering or Association of Arbitrators (Southern Africa), determine their hourly fees and confirm that these adjudicators are available to adjudicate the dispute in question. The other party shall then select within 7 days one of the three nominated adjudicators, failing which the chairman for the time being of the Association of Arbitrators (Southern Africa) shall nominate an adjudicator. The **adjudicator** shall be appointed in terms of the Adjudicators Agreement set out in C1.4.
- 40.3 If provided in the **schedule**, a dispute shall be finally settled by a single Arbitrator to be agreed on between the parties or, failing such agreement within 28 days after referring the dispute to Arbitration, an Arbitrator nominated by the chairman for the time being of the Association of Arbitrators (Southern Africa). Any such reference shall be deemed to be a submission to the arbitration of a single arbitrator in terms of the Arbitration Act (Act No 42 of 1965, as amended), or any legislation passed in substitution thereof. In the absence of any other agreed procedure, the arbitration shall take place in accordance with the Rules for the Conduct of Arbitrations issued by the Association of Arbitrators (Southern Africa) which are current at the time of the referral to arbitration. The Arbitrator shall, in his award, set out the facts and the provisions of the contract on which his award is based.
- 40.4 If the **schedule** provides for court proceedings to finally resolve disputes, disputes shall be determined by court proceedings.

The additions to the JBCC Principal Agreement are:

Clause	Additions		
A1	A1.0	Labour intensive component of the works	
	A1.1	Payment of labor-intensive component of the works. Payment for works identified in the Scope of Work as being labor-intensive shall only be made in accordance with the provisions of the Contract if the works are constructed strictly in accordance with the provisions of the Scope of Work. Any non-payment for such works shall not relieve the Contractor in any way from his obligations either in contract or in delict.	
	A1.2	Applicable labour laws The Ministerial Determination, Special Public Works Programme, issued in terms of the Basic Conditions of Employment Act of 1997 by the Minister of Labour in Government Notice N° 35310 04 May 2012, as reproduced below, shall apply to works described in the Scope of Work as being labour intensive and which are undertaken by unskilled or semi-skilled workers.	
		1	Introduction
		1.1	This document contains the standard terms and conditions for workers employed in elementary occupations on a Special Public Works Programme (SPWP). These terms and conditions do NOT apply to persons employed in the supervision and management of a SPWP.
		1.2	In this document – (a) “department” means any department of the State, implementing agent or contractor; (b) “employer” means any department, implementing agency or contractor that hires workers to work in elementary occupations on a SPWP; (c) “worker” means any person working in an elementary occupation on a SPWP; (d) “elementary occupation” means any occupation involving unskilled or semi-skilled work; (e) “management” means any person employed by a department or implementing agency to administer or execute an SPWP; (f) “task” means a fixed quantity of work; (g) “task-based work” means work in which a worker is paid a fixed rate for performing a task; (h) “task-rated worker” means a worker paid on the basis of the number of tasks completed (i) “time-rated worker” means a worker paid on the basis of the length of time worked.
		2	Terms of Work
		2.1	Workers are employed on a temporary basis or contract basis.
		3	Normal Hours of Work
		3.1	An employer may not set tasks or hours of work that require a worker to work– (a) more than forty hours in any week; (b) on more than five days in any week; and (c) for more than eight hours on any day.
		3.2	An employer and worker may agree that a worker will work four days per week. The worker may then work up to ten hours per day.
		4	Meal Breaks
		4.1	A worker may not work for more than five hours without taking a meal break of at least thirty minutes duration.
		4.2	An employer and worker may agree on longer meal breaks.
		4.3	A worker may not work during a meal break. However, an employer may require a worker to perform duties during a meal break if those duties cannot be left unattended and cannot be performed by another worker. An employer must take reasonable steps to ensure that a

		worker is relieved of his or her duties during the meal break.
	4.4	A worker is not entitled to payment for the period of a meal break. However, a worker who is paid on the basis of time worked must be paid if the worker is required to work or to be available for work during the meal break.
	5	Special Conditions for Security Guards
	5.1	A security guard may work up to 55 hours per week and up to eleven hours per day.
	5.2	A security guard who works more than ten hours per day must have a meal break of at least one hour or two breaks of at least 30 minutes each.
	6	Daily Rest Period
		Every worker is entitled to a daily rest period of at least eight consecutive hours. The daily rest period is measured from the time the worker ends work on one day until the time the worker starts work on the next day.
	7	Weekly Rest Period
		Every worker must have two days off every week. A worker may only work on their day off to perform work which must be done without delay and cannot be performed by workers during their ordinary hours of work ("emergency work").
	8	Sick Leave
	8.1	Only workers who work four or more days per week have the right to claim sick-pay in terms of this clause.
	8.2	A worker who is unable to work on account of illness or injury is entitled to claim one day's paid sick leave for every full month that the worker has worked in terms of a contract.
	8.3	A worker may accumulate a maximum of twelve days' sick leave in a year.
	8.4	Accumulated sick-leave may not be transferred from one contract to another contract.
	8.5	An employer must pay a task-rated worker the worker's daily task rate for a day's sick leave.
	8.6	An employer must pay a time-rated worker the worker's daily rate of pay for a day's sick leave.
	8.7	An employer must pay a worker sick pay on the worker's usual payday.
	8.8	Before paying sick-pay, an employer may require a worker to produce a certificate stating that the worker was unable to work on account of sickness or injury if the worker is –
		(a) absent from work for more than two consecutive days; or
		(b) absent from work on more than two occasions in any eight-week period.
	8.9	A medical certificate must be issued and signed by a medical practitioner, a qualified nurse or a clinic staff member authorized to issue medical certificates indicating the duration and reason for incapacity.
	8.10	A worker is not entitled to paid sick-leave for a work-related injury or occupational disease for which the worker can claim compensation under the Compensation for Occupational Injuries and Diseases Act.
	9	Maternity Leave
	9.1	A worker may take up to four consecutive months' unpaid maternity leave.
	9.2	A worker is not entitled to any payment or employment-related benefits during maternity leave.
	9.3	A worker must give her employer reasonable notice of when she will start maternity leave and when she will return to work.
	9.4	A worker is not required to take the full period of maternity leave. However, a worker may not work for four weeks before the expected date of birth of her child or for six weeks after the birth of her child, unless a medical practitioner, midwife or qualified nurse certifies that she is fit to do so.
	9.5	A worker may begin maternity leave –
		(a) four weeks before the expected date of birth; or

		<p>(b) on an earlier date –</p> <p>(i) if a medical practitioner, midwife or certified nurse certifies that it is necessary for the health of the worker or that of her unborn child; or</p> <p>(ii) if agreed to between employer and worker; or</p> <p>(c) on a later date, if a medical practitioner, midwife or certified nurse has certified that the worker is able to continue to work without endangering her health.</p>
	9.6	A worker who has a miscarriage during the third trimester of pregnancy or bears a stillborn child may take maternity leave for up to six weeks after the miscarriage or stillbirth.
	10	Family responsibility leave
	10.1	Workers, who work for at least four days per week, are entitled to three days paid family responsibility leave each year in the following circumstances -
		<p>(a) when the employee's child is born;</p> <p>(b) when the employee's child is sick;</p> <p>(c) in the event of a death of –</p> <p>(i) the employee's spouse or life partner;</p> <p>(ii) the employee's parent, adoptive parent, grandparent, child, adopted child, grandchild or sibling.</p>
	11	Statement of Conditions
	11.1	<p>An employer must give a worker a statement containing the following details at the start of employment –</p> <p>(a) the employer's name and address and the name of the SPWP;</p> <p>(b) the tasks or job that the worker is to perform; and</p> <p>(c) the period for which the worker is hired or, if this is not certain, the expected duration of the contract;</p> <p>(d) the worker's rate of pay and how this is to be calculated;</p> <p>(e) the training that the worker will receive during the SPWP.</p>
	11.2	An employer must ensure that these terms are explained in a suitable language to any employee who is unable to read the statement.
	11.3	An employer must supply each worker with a copy of these conditions of employment.
	12	Keeping records
	12.1	Every employer must keep a written record of at least the following –
		<p>(a) the worker's name and position;</p> <p>(b) in the case of a task-rated worker, the number of tasks completed by the worker;</p> <p>(c) in the case of a time-rated worker, the time worked by the worker;</p> <p>(d) payments made to each worker.</p>
	12.2	The employer must keep this record for a period of at least three years after the completion of the SPWP.
	13	Payment
	13.1	An employer must pay all wages at least monthly in cash or by cheque or into a bank account.
	13.2	A worker may not be paid less than the minimum wage rate of R185.52 per day or per task. This will be adjusted annually on the 1 st of November in line with inflation (available CPI as provided by Stats SA six (6) weeks before implementation)
	13.3	A task-rated worker will only be paid for tasks that have been completed.
	13.4	An employer must pay a task-rated worker within five weeks of the work being completed

		and the work having been approved by the manager or the contractor having submitted an invoice to the employer.
	13.5	A time-rated worker will be paid at the end of each month.
	13.6	Payment must be made in cash, by cheque or by direct deposit into a bank account designated by the worker.
	13.7	Payment in cash or by cheque must take place –
		(a) at the workplace or at a place agreed to by the worker; (b) during the worker's working hours or within fifteen minutes of the start or finish of work; (c) in a sealed envelope which becomes the property of the worker.
	13.8	An employer must give a worker the following information in writing –
		(a) the period for which payment is made; (b) the numbers of tasks completed or hours worked; (c) the worker's earnings; (d) any money deducted from the payment; (e) the actual amount paid to the worker.
	13.9	If the worker is paid in cash or by cheque, this information must be recorded on the envelope and the worker must acknowledge receipt of payment by signing for it.
	13.10	If a worker's employment is terminated, the employer must pay all monies owing to that worker within one month of the termination of employment.
	14	Deductions
	14.1	An employer may not deduct money from a worker's payment unless the deduction is required in terms of a law.
	14.2	An employer must deduct and pay to the SA Revenue Services any income tax that the worker is required to pay.
	14.3	An employer who deducts money from a worker's pay for payment to another person must pay the money to that person within the time period and other requirements specified in the agreement law, court order or arbitration award concerned.
	14.4	An employer may not require or allow a worker to –
		(a) repay any payment except an overpayment previously made by the employer by mistake; (b) state that the worker received a greater amount of money than the employer actually paid to the worker; or (c) pay the employer or any other person for having been employed.
	15	Health and Safety
	15.1	Employers must take all reasonable steps to ensure that the working environment is healthy and safe.
	15.2	A worker must –
		(a) work in a way that does not endanger his/her health and safety or that of any other person; (b) obey any health and safety instruction; (c) obey all health and safety rules of the SPWP; (d) use any personal protective equipment or clothing issued by the employer; (e) report any accident, near-miss incident or dangerous behavior by another person to their employer or manager.
	16	Compensation for Injuries and Diseases
	16.1	It is the responsibility of the employers (other than a contractor) to arrange for all persons

		employed to be covered in terms of the Compensation for Occupational Injuries and Diseases Act, 130 of 1993.
	16.2	A worker must report any work-related injury or occupational disease to their employer or manager.
	16.3	The employer must report the accident or disease to the Compensation Commissioner.
	16.4	An employer must pay a worker who is unable to work because of an injury caused by an accident at work 75% of their earnings for up to three months. The employer will be refunded this amount by the Compensation Commissioner. This does NOT apply to injuries caused by accidents outside the workplace such as road accidents or accidents at home.
	17	Termination
	17.1	The employer may terminate the employment of a worker for good cause after following a fair procedure.
	17.2	A worker will not receive severance pay on termination.
	17.3	A worker is not required to give notice to terminate employment. However, a worker who wishes to resign should advise the employer in advance to allow the employer to find a replacement.
	17.4	A worker who is absent for more than three consecutive days without informing the employer of an intention to return to work will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.
	17.5	A worker who does not attend required training events, without good reason, will have terminated the contract. However, the worker may be re-engaged if a position becomes available for the balance of the 24-month period.
	18	Certificate of Service
	18.1	On termination of employment, a worker is entitled to a certificate stating-
		(a) the worker's full name; (b) the name and address of the employer; (c) (d) the work performed by the worker; (e) any training received by the worker as part of the SPWP; (f) the period for which the worker worked on the SPWP; (g) any other information agreed on by the employer and worker.
A2	A2.0	Mandatory Sub-Contracting (Only for projects above R 30 Million)
	A2.1	The Contractor must sub-contract 30% of the work to Domestic Sub-Contractors. The Sub-Contractors shall have a CIDB grading.
		The Contractor shall, directly after appointment and without delay, enter into domestic sub-contracts with the Domestic Sub-Contractors and forward a copy of these agreements to the Principal Agent. The Contractor shall remain responsible for providing the subcontracted portion of the works as if the work had not been subcontracted.
		The Contractor will be responsible for all assistance and training required by the Sub-Contractor/s to complete the Project successfully. Irrespective of the mandatory sub-contracting requirement of this contract, the Contractor will at all times be the responsible party in accordance with the conditions of contract.
A3		
A4	A4.0	Attendance to Domestic Sub-Contractors in terms of clauses A2 above
	A4.1	The attendance of to the Domestic Sub-Contractor appointed in terms of clauses A2 above shall be priced under the relevant specific preliminaries item in the Preliminaries Section of the Bills of Quantities.

A5	A5.0	
	A5.1	
A6	A6.0	Expanded Public Works Programme
	A6.1	The Contractor will be required to employ staff which satisfies the EPWP requirements as per the Guidelines for the implementation of labor-intensive infrastructure projects.

Part 1: Contract Data Completed by the Employer

Clause	Item and data
1.2	<p>The Employer is THE INDEPENDENT DEVELOPMENT TRUST</p> <p>The address of the Employer is: Palm Square Business Park, Silverwood House, Beacon Bay, 5200</p> <p>Telephone: 043 -711 6000</p> <p>Facsimile:</p> <p>Address (physical): IDT East London, Palm Square Business Park, Silverwood House, Beacon Bay, 5200</p> <p>Address (Postal): Palm Square Business Park, Silverwood House, Beacon Bay, 5200</p>
5.1	<p>The Principal Agent is DINGAAN AND ASSOCIATES</p> <p>Telephone: 083 284 1950</p> <p>Facsimile:</p> <p>Address (physical):</p> <p>21 St James Road</p> <p>Southernwood</p> <p>East London</p> <p>5200</p>
5.2	<p>Agent (1) is Durapi Consulting</p> <p>Agent's service: Quantity Surveying Services</p> <p>Telephone: 011 312 8599 / 060 770 4147</p> <p>Facsimile:</p> <p>Address (physical):</p> <p>28 Bonza Bay Road</p> <p>Beacon Bay</p> <p>5241</p>
5.3	<p>Agent (2) is LEKO ENGINEERING</p> <p>Agent's service: CIVIL AND STRUCTURAL ENGINEERING</p> <p>Telephone: 074 531 0037</p> <p>Facsimile:</p> <p>Address (physical): 63 LEEDS ROAD, MTHATHA</p>

5.4

Agent (3) is: MXN ELECTRICAL ENGINEERING
Agent's service: ELECTRICAL ENGINEERING
Telephone: 087 702 4198
Facsimile: 043 722 5339
Address 24 Botha Road, Selborne, East London

- 41.0 The Employer is an organ of **State**
- 31.11.2
11.2
- The interest rate as determined by the Minister of Finance, from time to time, in terms of section 80(1)(b) of the Public Finance Management Act, 1999 (Act No 1 of 1999) will apply.
- 31.4.2
26.1.2
- Lateral support insurance is to be effected by the **contractor**
 - Payment will be made for materials and goods
 - Extended **defects** liability period will apply to the following elements:
NOT APPLICABLE
- 15.2.1 Possession of the **site** is to be given on the date in the schedule providing the **employer** with **construction guarantees** in accordance with the provisions of 14.0.
- 15.3 The period for the commencement of the **works** after the **contractor** takes possession of the site is ten (10) **working days**.
- For the **works** as a whole:
The date for **practical completion** is 13 months after contractual commencement date
The **penalty per calendar day** is 0.025 per R100 of the contract value
- 1.2 The law applicable to the agreement shall be that of the Republic of South Africa.
- 10.1; 10.2
and 12.1
- 10.1 Contract insurance is to be effected by the **contractor**.
- 10.2 Contract works insurance is to be effected by the **contractor** for a sum not less than the **contract sum plus 20%** with a deductible in an amount that the **contractor** deems appropriate.
- 12.1
- 10.1 Supplementary insurance is required. Such insurance shall comprise a Coupon Policy for Special Risks issued by the South African Special Risk Insurance Association.
- 10.2
- 12.1
- 11.1, 12.1 Public liability insurance to be effected by the **contractor** for an amount of **R10, 000,000.00 with a deductible** in an amount as determined by the contractor's insurance company.
- 11.2, 12.1 Support insurance to be effected by the **contractor** for the sum of **NOT APPLICABLE** with a deductible in an amount that the **contractor** deems appropriate.
- 3.3, 15.1.3,
31.16.2
- A waiver of the **contractor's** lien or right of continuing possession is not required.
- 3.7 Three copies of the construction documents are to be supplied to the **contractor** free of charge.
- 3.4 JBCC Engineering General Conditions are not to be included in the contract document.
- 31.5.3 The contract value is to be adjusted using CPAP indices. The base month for the application of CPAP is the month of the closing of the Bid and the following alternative indices are applicable:
- 31.3 There is no latest day of the month for the issue of an interim payment certificate.
- 14.5 The employer will not provide advanced payments against an advanced payment guarantee.
- 14.2 and
14.4 The **construction guarantee** is to be a fixed guarantee in an amount of 10% of the contract sum and payment reduction
- 40.0 Dispute resolution shall be by adjudication
or
~~Dispute determinations shall be by arbitration~~

Part 2: Contract Data completed by the Contractor

Clause Item and data

1.2 The name of the Contractor is.
 The address of the contractor is:
 Telephone:
 Facsimile:
 Address (physical):

 Address (postal):

INDEPENDENT DEVELOPMENT TRUST

C1.3 Construction Guarantee

GUARANTOR DETAILS AND DEFINITIONS

Guarantor means

...

Physical address

.....

.....

.....

Guarantor's signatory 1 Capacity

.....

Guarantor's signatory 1 Capacity

.....

Employer means **The Independent Development Trust**

Contractor means

...

Agent means Dingaon and **Associates**

Works means **Bid No: DOEEC/05/2023/2024– Construction of Grade R at Lingelethu Junior Primary School,**

Site means **The designated site to be shown to the contractor is at LINGELETHU JUNIOR PRIMARY SCHOOL, BIZANA, ALFRED NZO DISTRICT, EASTERN CAPE PROVINCE**

Agreement means **the JBCC Series 2000 Principal Agreement Edition 4.1 Code 2101 March 2005**

Contract Sum i.e. the total of prices in the Form of Offer and Acceptance inclusive of VAT

Amount in figures R

Amount in words

(Rand)

Guaranteed Sum means the maximum aggregate amount of R

.....

Amount in words

(Rand)

1 The Guarantor's liability shall be limited to the amount of the Guaranteed Sum as follows:

GUARANTOR'S LIABILITY	PERIOD OF LIABILITY
Maximum Guaranteed Sum (not exceeding 10 % of the contract sum) in the amount of: (Rands) (R)	From and including the date of issue of this Construction Guarantee and up to and including the date of the only practical completion certificate or the last practical completion certificate where there are sections, upon which this Construction Guarantee shall expire.

2 The Guarantor hereby acknowledges that:

2.1 Any reference in this Guarantee to the Agreement is made for the purpose of convenience and shall not be construed as any intention whatsoever to create an accessory obligation or any intention whatsoever to create a surety ship.

2.2 Its obligation under this Guarantee is restricted to the payment of money.

3 Subject to the Guarantor's maximum liability referred to in clauses 1, the Guarantor hereby undertakes to pay the Employer the sum certified upon receipt of the documents identified in sub-clauses 3.1 to 3.3:

3.1 A copy of a first written demand issued by the Employer to the Contractor stating that payment of a sum certified by the Principal Agent in an interim or final payment certificate has not been made in terms of the Agreement and failing such payment within seven (7) calendar days, the Employer intends to call upon the Guarantor to make payment in terms of sub-clause 3.2

3.2 A first written demand issued by the Employer to the Guarantor at the Guarantor's physical address with a copy to the Contractor stating that a period of seven (7) calendar days has elapsed since the first written demand in terms of sub-clause 4.1 and that the sum certified has still not been paid therefore the Employer calls up this Guarantee and demands payment of the sum certified from the Guarantor.

3.3 A copy of the said payment certificate, which entitles the Employer to receive payment in terms of the Agreement of the sum certified in clause 3.

4 Subject to the Guarantor's maximum liability referred to in clause 1, the Guarantor undertakes to pay the Employer the Guaranteed Sum or the full outstanding balance upon receipt of a first written demand from the Employer to the Guarantor at the Guarantor's physical address calling up this Guarantee stating that:

4.1 The Agreement has been cancelled due to the Contractor's default and that the Guarantee is called up in terms of clause 4. The demand shall enclose a copy of the notice of cancellation; or

4.2 A provisional sequestration or liquidation court order has been granted against the Contractor and that the Guarantee is called up in terms of clause 4. The demand shall enclose a copy of the court order.

5 It is recorded that the aggregate amount of payments required to be made by the Guarantor in terms of clauses 3 and 4 shall not exceed the Guarantor's maximum liability in terms of clause 1.

- 6 Where the Guarantor is a registered insurer and has made payment in terms of clause 4, the Employer shall upon the date of issue of the final payment certificate submit an expense account to the Guarantor showing how all monies received in terms of the Guarantee have been expended and shall refund to the Guarantor any resulting surplus. All monies refunded to the Guarantor in terms of this Guarantee shall bear interest at the prime overdraft rate of the Employer's bank compounded monthly and calculated from the date payment was made by the Guarantor to the Employer until the date of refund.
- 7 Payment by the Guarantor in terms of clause 3 or 4 shall be made within seven (7) calendar days upon receipt of the first written demand to the Guarantor.
- 8 The Employer shall have the absolute right to arrange his affairs with the Contractor in any manner which the Employer deems fit and the Guarantor shall not have the right to claim his release from this Guarantee on account of any conduct alleged to be prejudicial to the Guarantor
- 9 The Guarantor chooses the physical address as stated above for all purposes in connection herewith.
- 10 This Guarantee is neither negotiable nor transferable and shall expire in terms of clause 1, or payment in full of the Guaranteed Sum or on the Guarantee expiry date, whichever is the earlier, where after no claims will be considered by the Guarantor. The original of this Guarantee shall be returned to the Guarantor after it has expired
- 11 This Guarantee, with the required demand notices in terms of clauses 3 or 4, shall be regarded as a liquid document for the purpose of obtaining a court order.
- 12 Where this Guarantee is issued in the Republic of South Africa the Guarantor hereby consents in terms of Section 45 of the Magistrate's Courts Act No 32 of 1944, as amended, to the jurisdiction of the Magistrate's Court of any district having jurisdiction in terms of Section 28 of the said Act, notwithstanding that the amount of the claim may exceed the jurisdiction of the Magistrate's Court.

Signed at Date

Guarantor's Signatory 1 Guarantor's Signatory 2

Identity number Identity number

Witness 1 Witness 2

Guarantor's seal or stamp

INDEPENDENT DEVELOPMENT TRUST

ADJUDICATOR'S AGREEMENT

This agreement is made on the day of between:

..... (name of company / organisation)

of

..... (address)

and

..... (name of company / organisation)

of

..... (address)

(the Parties) and

..... (name)

of

..... (address)

(the Adjudicator).

Disputes or differences may arise/have arisen* between the Parties under a Contract dated

. . . and known as

and these disputes or differences shall be/have been* referred to adjudication in accordance with the JBCC 2000 Adjudication Rules, (hereinafter called "the Procedure") and the Adjudicator may be or has been requested to act.

* Delete as necessary

IT IS NOW AGREED as follows:

- 1 The rights and obligations of the Adjudicator and the Parties shall be as set out in the JBCC 2000 Adjudication Rules.
- 2 The Adjudicator hereby accepts the appointment and agrees to conduct the adjudication in accordance with the JBCC 2000 Adjudication Rules..
- 3 The Parties bind themselves jointly and severally to pay the Adjudicator's fees and expenses as set out in the Contract Data.
- 4 The Parties and the Adjudicator shall at all times maintain the confidentiality of the adjudication and shall endeavour to ensure that anyone acting on their behalf or through them will do likewise, save with the consent of the other Parties which consent shall not be unreasonably refused.
- 5 The Adjudicator shall inform the Parties if he intends to destroy the documents which have been sent to him in relation to the adjudication and he shall retain documents for a further period at the request of either Party.

SIGNED by: _____

Name: _____

ID: _____

who warrants that he / she is
duly authorized to sign for and
on behalf of the first Party in
the presence of

SIGNED by: _____

Name: _____

ID: _____

who warrants that he / she is
duly authorized to sign for
and behalf of the second
Party in the presence of

SIGNED by: _____

Name: _____

ID: _____

the Adjudicator in the
presence of

Witness

Name: _____

Address: _____

Witness:

Name _____

Address: _____

Witness:

Name: _____

Address: _____

Date: _____

Date: _____

Date: _____

Contract Data

1	The Adjudicator shall be paid at the hourly rate of R. in respect of all time spent upon, or in connection with, the adjudication including time spent traveling.
2	The Adjudicator shall be reimbursed in respect of all disbursements properly made including, but not restricted to: (a) Printing, reproduction and purchase of documents, drawings, maps, records and photographs. (b) Telegrams, telex, faxes, and telephone calls. (c) Postage and similar delivery charges. (d) Travelling, hotel expenses and other similar disbursements. (e) Room charges. (f) Charges for legal or technical advice obtained in accordance with the Procedure.
3	The Adjudicator shall be paid an appointment fee of R. This fee shall become payable in equal amounts by each Party within 14 days of the appointment of the Adjudicator, subject to an Invoice being provided. This fee will be deducted from the final statement of any sums which shall become payable under item 1 and/or item 2 of the Contract Data. If the final statement is less than the appointment fee the balance shall be refunded to the Parties.
4	The Adjudicator is/is not* currently registered for VAT.
5	Where the Adjudicator is registered for VAT it shall be charged additionally in accordance with the rates current at the date of invoice.
6	All payments, other than the appointment fee (item 3) shall become due 31 days after receipt of invoice,

* Delete as necessary

INDEPENDENT DEVELOPMENT TRUST

C2.1 Pricing Instructions

- 1 The Bills of Quantities have been drawn up in accordance with the Standard System of Measuring Building Work (as amended) published and issued by the Association of South African Quantity Surveyors (Sixth Edition (Revised)), 1999. Where applicable the:
 - a) Civil engineering work has been drawn up in accordance with the provisions of the latest edition of SABS 1200 Standardized Specifications for Civil Engineering Works.
 - b) Mechanical work has been drawn up in accordance with the provisions of the Model Bills of Quantities for Refrigeration, Air-Conditioning and Ventilation Installations, published by the South African Association of Quantity Surveyors, July 1990).
 - c) electrical work has been drawn up in accordance with the provisions of the Model Bills of Quantities for Electrical Work, published by the South African Association of Quantity Surveyors, (July, 2005).
- 2 The agreement is based on the JBCC Series 2000 Principal Building Agreement, prepared by the Joint Building Contracts Committee, Edition 4.1, and March 2005. The additions, deletions and alterations to the JBCC Principal Building Agreement as well as the contract specific variables are as stated in the Contract Data. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.
- 3 Preliminary and general requirements are based on the various parts of the JBCC Series 2000 Preliminaries as prepared by the Joint Building Contracts Committee, Edition 4.1, and March 2005. The additions, deletions and alterations to the various parts of the JBCC Series 2000 Preliminaries as well as the contract specific variables are as stated in the Specification Data in the Scope of Work. Only the headings and clause numbers for which allowance must be made in the Bills of Quantities are recited.
- 4 It will be assumed that prices included in the Bills of Quantities are based on Acts, Ordinances, Regulations, By-laws, International Standards and National Standards that were published 28 days before the closing date for Bids. (Refer to www.stanza.org.za or www.iso.org for information on standards).
- 5 The prices and rates in these Bills of Quantities are fully inclusive prices for the work described under the items. Such prices and rates cover all costs and expenses that may be required in and for the execution of the work described in accordance with the provisions of the Scope of Work, and shall cover the cost of all general risks, liabilities, and obligations set forth or implied in the Contract Data, as well as overhead charges and profit. These prices will be used as a basis for assessment of payment for additional work that may have to be carried out.
- 6 The drawings listed in the Scope of Works used for the setting up of these Bills of Quantities are kept by the quantity surveyor and can be viewed at any time during office hours up until the completion of the works.
- 7 Reference to any particular trademark, name, patent, design, type, specific origin or producer is purely to establish a standard for requirements. Products or articles of an equivalent standard may be substituted.

- 8 The rates contained in the Bills of Quantities will apply irrespective of the final quantities of the different classes and kinds of work actually executed.
- 9 Rates for work of similar description occurring in different sections of the Bills of Quantities shall be identical.
- 10 An item against which no price is entered will be considered to be covered by the other prices or rates in the Bills of Quantities. A single lump sum will apply should a number of items be grouped together for pricing purposes.
- 11 Where any item is not relevant to this specific contract, such item is marked N/A (signifying “not applicable”)
- 12 The Contract Data and the standard form of contract referenced therein must be studied for the full extent and meaning of each and every clause set out in Section 1 (Preliminary and General) of the Bills of Quantities
- 13 The Bills of Quantities is not intended for the ordering of materials. Any ordering of materials, based on the Bills of Quantities, is at the Contractor’s risk.
- 14 The amount of the Preliminary and General Section to be included in each monthly payment certificate shall be assessed as an amount prorated to the value of the work duly executed in the same ratio as the preliminaries bears to the total of prices excluding any contingency sum, the amount for the Preliminary and General Section and any amount in respect of contract price adjustment provided for in the contract.
- 15 Where the initial contract period is extended, the monthly charge shall be calculated on the basis as set out in 14 but taking into account the revised period for completing the works.
- 16 The amount or items of the Preliminary and General Section shall be adjusted to take account of the theoretical financial effect which changes in time or value (or both) have on this section. Such adjustments shall be based on adjustments in the following categories as recorded in the Bills of Quantities:
 - a) an amount which is not to be varied, namely Fixed (F)
 - b) an amount which is to be varied in proportion to the contract value, namely Value Related (V); and
 - c) an amount which is to be varied in proportion to the contract period as compared to the initial construction period excluding revisions to the construction period for which no adjustment to the contractor is not entitled to in terms of the contract, namely Time Related (T).
- 17 Where no provision is made in the Bills of Quantities to indicate which of the three categories in 12 apply or where no selection is made, the adjustments shall be based on the following breakdown:
 - a) 10 percent is Fixed;
 - b) 15 percent if Value Related
 - c) 75 percent is Time Related.
- 18 The adjustment of the Preliminary and General Section shall apply notwithstanding the actual employment of resources in the execution of the works. The contract value used for the adjustment of the Preliminary and General Section shall exclude any contingency sum, the amount for the Preliminary and General Section and any amount in respect of contract price adjustment provided for in the contract. Adjustments in respect of any staged or sectional completion shall be prorated to the value of each section.

- 19 All work is to be constructed using labor-intensive methods. The use of plant to provide such works, other than plant specifically provided for in the scope of works, is a variation order to the contract
- 20 Payment for items, which are designated to be constructed under labour-intensively, will not be made unless they are constructed using labor-intensive methods. Any unauthorized use of plant to carry out work which was to be done labour-intensively will not be condoned and any works so constructed will not be certified for payment.
- 21 The Bidder is to acquaint himself as to the specific requirements of this Bid as contained in additional clauses A1 to A6 to the JBCC Principal Agreement as incorporated in the Contract Data. These clauses may be priced under the relevant Preliminaries items in SECTION C: SPECIFIC PRELIMINARIES of the Preliminaries Bill. No claim will be entertained due to the failure of the Bidder to allow for these requirements

INDEPENDENT DEVELOPMENT TRUST

C2.2 Bills of Quantities

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO. 1</u></p> <p><u>PRELIMINARIES</u></p> <p><u>BUILDING AGREEMENT AND PRELIMINARIES</u></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 abovementioned 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>			
	Carried to Collection		R	
	<p>Bill No. 1 Preliminary & General DURAPI CONSULTING PTY (LTD)</p>			

PREAMBLES FOR TRADES

The Model Preambles for Trades (1999 edition) as published by the Association of South African Quantity Surveyors shall be deemed to be incorporated in these bills of quantities and no claims arising from brevity of description of items fully described in the said Model Preambles will be entertained

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

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

PRICING OF PRELIMINARIES

Should the contractor select Option A in terms of sub clause 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)

SECTION A - PRINCIPAL BUILDING AGREEMENT

Definitions

- 1 Clause 1.0 - Definitions and interpretation
F:..... V:.....
T:.....

Item

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Objective and preparations

2	Clause 2.0 - Offer acceptance and performance obligations F:..... V:..... T:.....	Item	
3	Clause 3.0 - Documents F:..... V:..... T:.....	Item	
4	Clause 4.0 - Design responsibility F:..... V:..... T:.....	Item	
5	Clause 5.0 - Employer's agents F:..... V:..... T:.....	Item	
6	Clause 6.0 - Contractor's site representative F:..... V:..... T:.....	Item	
7	Clause 7.0 - Compliance with laws and regulations F:..... V:..... T:.....	Item	

User note

Insert the following where a health and safety specification is not yet available

?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. It is specifically stated that the employer shall prepare a documented health and safety specification for the works and that the employer shall ensure that the contractor has made provision for the cost of health and safety measures during the execution of the works. The contractor shall price opposite this item for compliance with the act and the regulations and the reasonable provisions of the aforementioned health and safety specifications?

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

User note

Insert one of the following for residential developments only

?The employer shall allow for and pay any levies required by the National Home Builders Registration Council (NHBRC). The contractor warrants that he is registered and will maintain registration with the NHBRC for the duration of this agreement?

?The contractor shall allow for and pay any levies required by the National Home Builders Registration Council (NHBRC). The contractor warrants that he is registered and will maintain registration with the NHBRC for the duration of this agreement F:.....
V:..... T:.....

8	Clause 8.0 - Works risk F:..... V:..... T:.....	Item	
9	Clause 9.0 - Indemnities F:..... V:..... T:.....	Item	
10	Clause 10.0 - General insurances F:..... V:..... T:.....	Item	
11	Clause 11.0 - Special insurances F:..... V:..... T:.....	Item	
12	Clause 12.0 - Effecting insurances F:..... V:..... T:.....	Item	
13	Clause 13.0 - Assignment F:..... V:..... T:.....	Item	
14	Clause 14.0 - Security F:..... V:..... T:.....	Item	

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Execution

15 Clause 15.0 - Preparation for and execution of the works
F:..... V:.....
T:.....

Item

16 Clause 16.0 - Site and access

User note?

Insert details against this clause for any of the following where specifically required

Clause 16.7 - *Known services*

Clause 16.8 - *Protection of trees*

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

Item

17 Clause 17.0 - Contract instructions F:.....
V:..... T:.....

Item

18 Clause 18.0 - Setting out of the works 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. F:
V:..... T:.....

Item

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

19	<p>Clause 19.0 - Temporary works and plant</p> <p><u>User note?</u></p> <p><i>Insert details against this clause for any of the following where specifically required</i></p> <p style="padding-left: 20px;">Sub clause 19.1.1 - <i>Enclosure of the works</i></p> <p style="padding-left: 20px;">Sub clause 19.1.2 - <i>Office accommodation</i></p> <p style="padding-left: 20px;">Clause 19.2 - <i>Notice boards</i></p> <p>F:..... V:..... T:.....</p>	Item	
20	<p>Clause 20.0 - Nominated subcontractors</p> <p>F:..... V:..... T:.....</p>	Item	
21	<p>Clause 21.0 - Selected subcontractors</p> <p>F:..... V:..... T:.....</p>	Item	
22	<p>Clause 22.0 - Employer's direct contractors</p> <p>F:..... V:..... T:.....</p>	Item	
23	<p>Clause 23.0 - Contractor's domestic subcontractors</p> <p>F:..... V:..... T:.....</p>	Item	

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Completion</u>			
24	<p>Clause 24.0 - Practical completion</p> <p><u>User note?</u></p> <p><i>Insert the following where tenant installation work is to be executed by others</i></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		
25	<p>Clause 25.0 - Works completion F:..... V:..... T:.....</p>	Item		
26	<p>Clause 26.0 - Final completion F:..... V:..... T:.....</p>	Item		
27	<p>Clause 27.0 - Latent defects liability period F:..... V:..... T:.....</p>	Item		
28	<p>Clause 28.0 - Sectional completion F:..... V:..... T:.....</p>	Item		
29	<p>Clause 29.0 - Revision of date for practical completion 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)F:..... V:..... T:.....</p>	Item		
30	<p>Clause 30.0 - Penalty for late or non-completion F:..... V:..... T:.....</p>	Item		
	Carried to Collection		R	
	<p>Bill No. 1 Preliminary & General DURAPI CONSULTING PTY (LTD)</p>			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Payment

31 Clause 31.0 - Interim payment ?The inclusion of materials and goods stored off site in the amount authorised for payment in terms of clause 31.4 shall be at the sole discretion of the principal agent and such inclusion shall only be considered upon the provision, by the contractor, of an approved guarantee issued by a registered commercial bank. Clause 31.6.5 is therefore not applicable??Materials and goods stored off site shall not be included in the amount authorised for payment
F:..... V:.....
T:.....

Item

32 Clause 32.0 - Adjustment to the contract value ?All fluctuations in costs, with the exception of fluctuations in the rate of Value Added Tax, shall be for the account of the contractor??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. Should the principal agent wish to accept any such prices prior to the issue of the final payment certificate, it shall be in writing
F:..... V:.....
T:.....

Item

33 Clause 33.0 - Recovery of expense and loss
F:..... V:.....
T:.....

Item

34 Clause 34.0 - Final account and final payment
F:..... V:.....
T:.....

Item

35 Clause 35.0 - Payment to other parties
F:..... V:.....
T:.....

Item

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Termination</u>			
36	Clause 36.0 - Termination by employer - contractor's default F:..... V:..... T:.....	Item		
37	Clause 37.0 - Termination by employer - loss and damage F:..... V:..... T:.....	Item		
38	Clause 38.0 - Termination by contractor - employer's default F:..... V:..... T:.....	Item		
39	Clause 39.0 - Termination - cessation of the works F:..... V:..... T:.....	Item		
	<u>Dispute</u>			
40	Clause 40.0 - Settlement of disputes F:..... V:..... T:.....	Item		
	<u>Contract agreement</u>			
41	Clause 41.0 - Post tender provisions	Item		
	The required post tender information shall be inserted in the post tender provisions after consultation with the contractor			
	<u>User note</u>			
	<i>All information for this clause requires consultation with the contractor. The principal agent should not pre-select any of the alternatives available to the contractor</i>			
42	Clause 42.0 - Contractual agreement	Item		
	Carried to Collection			
	Bill No. 1 Preliminary & General DURAPI CONSULTING PTY (LTD)		R	

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

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

Carried to Collection

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

R

SECTION B - PRELIMINARIES

Definitions and interpretation

43 Clause 1.0 - Definitions and interpretation
F:..... V:.....
T:.....

Item

Documents

44 Clause 2.1 - Checking of documents
F:..... V:.....
T:.....

Item

45 Clause 2.2 - Provisional bills of quantities

?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 provisionally (fully?) measured and the subsequent trades are budgetary allowances and/or ?selected? (nominated?) subcontract amounts?

User note?

Check "wet trades" included in the bills of quantities

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

Item

46 Clause 2.3 - Availability of construction documentation
?The budgetary allowances and ?selected? (nominated?) subcontract amounts allocated for subsequent trades included in this document will be separately procured, based on multiple procurement of ?selected? (nominated?) subcontractors during the construction period F:.....
V:..... T:.....

Item

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Previous work and adjoining properties

- | | | | |
|----|---|------|--|
| 47 | Clause 3.1 - Previous work - dimensional accuracy
F:..... V:.....
T:..... | Item | |
| 48 | Clause 3.2 - Previous work - defects
F:..... V:.....
T:..... | Item | |
| 49 | Clause 3.3 - Inspection of adjoining properties
F:..... V:.....
T:..... | Item | |

Samples, shop drawings and manufacturer's instructions

- | | | | |
|----|--|------|--|
| 50 | Clause 4.1 - Samples of materials F:.....
V:..... T:..... | Item | |
| 51 | Clause 4.2 - Workmanship samples F:.....
V:..... T:..... | Item | |
| 52 | Clause 4.3 - Shop drawings F:.....
V:..... T:..... | Item | |
| 53 | Clause 4.4 - Compliance with manufacturer's
instructions F:..... V:.....
T:..... | Item | |

Deposits and fees

- | | | | |
|----|---|------|--|
| 54 | Clause 5.1 - Deposits and fees F:.....
V:..... T:..... | Item | |
|----|---|------|--|

Temporary services

- | | | | |
|----|---|------|--|
| 55 | Clause 6.1 - Water F:.....
V:..... T:..... | Item | |
| 56 | Clause 6.2 - Electricity F:.....
V:..... T:..... | Item | |

Carried to Collection

R

Bill No. 1
 Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

57	Clause 6.3 - Telecommunication facilities F:..... V:..... T:.....	Item	
58	Clause 6.4 - Ablution facilities F:..... V:..... T:.....	Item	
	<u>Prime cost amounts</u>		
59	Clause 7.1 - Responsibility for prime cost amounts F:..... V:..... T:.....	Item	
	<u>Special attendance on n/s subcontractors</u>		
60	Clause 8.1 - Special attendance <u>User note?</u> <i>General attendance is defined in the n/s subcontract agreement</i> Insert details against this clause or where provisional sums are stated for any special attendance where specifically required for each n/s subcontractor separately F:..... V:..... T:.....	Item	
	<u>General</u>		
61	Clause 9.1 - Protection of the works F:..... V:..... T:.....	Item	
62	Clause 9.2 - Protection/isolation of existing/sectionally occupied works F:..... V:..... T:.....	Item	
63	Clause 9.3 - Security of the works F:..... V:..... T:.....	Item	
	Carried to Collection		R
	Bill No. 1 Preliminary & General DURAPI CONSULTING PTY (LTD)		

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

64	Clause 9.4 - Notice before covering work F:..... V:..... T:.....	Item	
65	Clause 9.5 - Disturbance F:..... V:..... T:.....	Item	
66	Clause 9.6 - Environmental disturbance ?The employer has prepared an environmental management plan (refer to Annexure ? for a copy of the relevant plan). The contractor shall price opposite this item for compliance with all the requirements of such environmental management plan F:..... V:..... T:	Item	
67	Clause 9.7 - Works cleaning and clearing F:..... V:..... T:.....	Item	
68	Clause 9.8 - Vermin F:..... V:..... T:.....	Item	
69	Clause 9.9 - Overhand work F:..... V:..... T:.....	Item	

Schedule of variables

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

10.1 - Provisional bills of quantities [clause 2.2]
The quantities are provisional
? Yes/No ?

10.2 - Availability of construction documentation [clause 2.3]
Construction documentation is complete
? Yes/No ?

Carried to Collection

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<p>10.3 - Previous work - dimensional accuracy [clause 3.1]</p> <p>10.4 - Previous work - defects [clause 3.2]</p> <p>10.5 - Inspection of adjoining properties [clause 3.3]</p> <p>10.6 - Water [clause 7.2]</p> <p style="padding-left: 20px;">Option A (by contractor) ? yes/no ?</p> <p style="padding-left: 20px;">Option B (by employer - free of charge) ? yes/no ?</p> <p style="padding-left: 20px;">Option C (by employer - metered) ? yes/no ?</p> <p>10.7 - Electricity [clause 7.3]</p> <p style="padding-left: 20px;">Option A (by contractor) ? yes/no ?</p> <p style="padding-left: 20px;">Option B (by employer - free of charge) ? yes/no ?</p> <p style="padding-left: 20px;">Option C (by employer - metered) ? yes/no ?</p> <p>10.8 - Telecommunications [clause 7.4]</p> <p style="padding-left: 20px;">Telephone ? yes/no ?</p> <p style="padding-left: 20px;">Facsimile ? yes/no ?</p> <p style="padding-left: 20px;">E-mail ? yes/no ?</p> <p>10.9 - Ablution facilities [clause 7.5]</p> <p style="padding-left: 20px;">Option A (by contractor) ? yes/no ?</p> <p style="padding-left: 20px;">Option B (by employer) ? yes/no ?</p> <p>10.10 - Protection of the works [clause 9.1]</p>				
Carried to Collection				R
<p>Bill No. 1 Preliminary & General DURAPI CONSULTING PTY (LTD)</p>				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

10.11 - Protection/isolation of existing/sectionally occupied works [clause 9.2] Protection/isolation is required

? Yes/No ?

10.12 - Disturbance [clause 9.5]

10.13 - Environmental disturbance [clause 9.6]

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

SECTION C - SPECIFIC PRELIMINARIES

User note

Selected examples of typical clauses are provided to indicate ways of describing such clauses. Users must delete, adapt or add to these examples to suit their particular circumstances

70 **Site instructions**

Instructions issued on site are to be recorded in triplicate in a site instruction book which is to be maintained on site by the contractor

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

Item

71 **Warranties for material and workmanship**

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

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

Item

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

72 Co-operation of contractor for cost management

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

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

Item

73 Propping of floors below

The contractor is advised that propping of floors below may be required if he wishes to use any areas of completed suspended reinforced concrete slabs for vehicle access, storage of materials and goods and location of plant, scaffolding, etc. The location of these areas and any necessary propping shall be approved by the principal agent and the cost thereof shall be borne by the contractor

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

Item

74 Testing of windows for water tightness

Each window shall be tested for water tightness with water sprayed on using adequate pressure. If in the opinion of the principal agent, the pressure proves to be inadequate, then the pressure shall be boosted by means of compressed air or other approved means

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

Item

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

75 Testing of flat roof waterproofing for water tightness

Flat roof waterproof areas shall be prepared with small sand dykes around them of a size and enclosing an area approved by the principal agent, flooded with water and kept "ponded" for at least 36 hours as a test to ensure the water tightness of the waterproofing and before any further construction work is carried out above the waterproofing

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

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

76 Total Amount for Preliminaries and Generals

Item

%

Carried to Collection

R

Bill No. 1
Preliminary & General
DURAPI CONSULTING PTY (LTD)

LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE

Bill No. 1

Preliminary & General

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

1

2

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

Carried to Summary

R

Bill No. 1

Preliminary & General

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO. 2</u></p> <p><u>EARTHWORKS (PROVISIONAL)</u></p> <p><u>Nature of ground</u></p> <p>The nature of the ground is assumed to be loose sandy material, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be gravel, therefore "earth", but possibly interspersed with "soft rock" or "hard rock"</p> <p>The nature of the ground is assumed to be silty clay with loose river boulders varying in size up to approximately 450mm diameter, all of which will be deemed as "earth", but possibly interspersed with "hard rock"</p> <p>Trial holes indicate that the nature of the ground is silty clay to a depth of approximately 500mm with fine to medium loose sandy material below, therefore "earth"</p> <p>A soils investigation has been carried out on the site by the engineer and the report is annexed to these bills of quantities. The soils report indicates that the ground varies between silty sand, reworked soil of mixed origin and residual shale, all of which will be deemed as "earth". All very hard unweathered shale, ironstone, etc, the removal of which necessitates the use of explosives or heavy duty hydraulic percussion hammers (peckers), will be classified as "hard rock"</p> <p><i>The following are typical examples of descriptions of "subterranean water"</i></p>			
	Carried to Collection			R
	<p>Bill No. 2 Earthworks (Provisional) DURAPI CONSULTING PTY (LTD)</p>			

Subterranean water

No subterranean water is expected

The water table is expected to vary between approximately ?m and ?m below natural ground level. The removal of subterranean water is given separately

Carting away of excavated material

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

Filling and layer work materials

References such as "G1", "G2", etc and "C1", "C2", etc in descriptions of filling and layer work materials refer to corresponding references in the document "Guidelines for Road Construction Materials. TRH 14 : 1985" compiled by the Committee of State Road Authorities and the properties set out therein for each kind shall be applicable to the respective materials described hereinafter

User note

When no information regarding density and other tests is available the following preamble in respect of testing may be inserted

Testing

Prices for filling are to include for all necessary density and other tests

NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (00G-001E) before pricing this bill

Foundation brickwork and concrete walls have been measured to top of unfinished floor level

Carried to Collection

Bill No. 2
Earthworks (Provisional)
DURAPI CONSULTING PTY (LTD)

R

NOTE : All excavations are measured as being in "earth" and/or filling compacted to 95% modified AASHTO density. Descriptions of excavations shall be deemed to include for setting aside surplus excavated material in spoil heaps for use as filling, or for depositing within 150m of the perimeter of the excavations and spreading and roughly levelling as directed, as well as for increase in bulk and multiple handling of excavated material caused by the Contractor's method of operation. Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site and for bulking

Working space for formwork to sides of all concrete, except columns, shall be measured only where the concrete face is less than 750mm from the face of the measured excavations. Working space for formwork to sides of columns shall be measured for the width of the column face only where both the top of the column base is more than 1,5m below the commencing level of the excavations and the column face is less than 500mm from the face of the measured excavations

No claim shall be considered for any working space for formwork to concrete other than as above described or for working space beyond the sides of trench excavations for the building of brick or block walls. Descriptions of excavations for working space shall be deemed to include for any additional risk of collapse so incurred and for the returning and compacting of the excavated material as described

SITE CLEARANCE

1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs, bush, etc and trees not exceeding 200mm girth	m2	1,630
---	--	----	-------

EXCAVATIONS

Carried to Collection

R

Bill No. 2
Earthworks (Provisional)
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Excavate in earth not exceeding 2m deep below natural, elevated or reduced ground level for</u>			
2	Reducing levels	m3	10.00	
3	Trenches	m3	212.00	
4	Bases	m3	6	
5	Toilet Pit	m3	94.00	
	<u>Excavate in earth exceeding 2m deep and not exceeding 4m deep</u>			
6	Toilet Pit	m3	10.00	
	<u>Back excavation of vertical sides of excavations in earth for working space including backfilling compacted to 90% Mod AASHTO density</u>			
7	Exceeding 2m and not exceeding 4m deep for building brick lining, 1500mm away from excavated face.	m3	26.00	
	<u>Extra over trench and hole excavations in earth for excavation in</u>			
8	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	169	
	<u>Risk of collapse of excavations</u>			
9	Risk of collapse of sides of excavations for trenches and holes from natural, elevated or reduced ground level to not exceeding 1,5m deep	m2	467.00	
10	Risk of collapse of sides of trench and hole excavations exceeding 1,5m deep	m2	48.00	
	<u>Keeping excavations free of water</u>			
11	Keeping excavations free of all water other than subterranean water		Item	
	Carried to Collection			R
	Bill No. 2 Earthworks (Provisional) DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>FILLING ETC</u>					
	<u>Earth filling obtained from the excavations and / or prescribed stock piles on site compacted to 93% Mod. AASHTO density:</u>				
12	Backfilling to trenches, holes, etc	m3	110		
	<u>Earth filling (G5) supplied by the contractor, compacted to 95% Mod AASHTO density</u>				
13	Under solid floors, steps, paving's, etc.	m3	142.00		
	<u>Coarse river sand filling supplied by the contractor:</u>				
14	Under floors etc.	m3	11		
15	Treated, disinfected and deposited in play sand pit	m	6		
	<u>Prescribed density tests on filling:</u>				
16	Modified AASHTO compaction test by an approved laboratory to determine density of filling material.	No	30		
	<u>Compaction of ground surfaces</u>				
17	Compaction of natural or excavated ground surface under floors etc by wetting and compacting	m2	471		
	<u>SOIL POISONING, ETC</u>				
	<u>Soil insecticide in accordance with SANS 5859:</u>				
18	Under floors etc. including forming and poisoning shallow furrows against foundation walls etc., filling in furrows and ramming.	m2	459		
	Carried to Collection				R
	Bill No. 2 Earthworks (Provisional) DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 2

Earthworks (Provisional)

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

21

22

23

24

25

Carried to Summary

R

Bill No. 2

Earthworks (Provisional)

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO.3</u></p> <p><u>CONCRETE, FORMWORK AND REINFORCEMENT</u></p> <p><u>Cost of tests</u></p> <p>The costs of making, storing and testing of concrete test cubes as required under clause 7 "Tests" of SABS 1200 G shall include the cost of providing cube moulds necessary for the purpose, for testing costs and for submitting reports on the tests for approval. The testing shall be undertaken by an approved independent firm or institution nominated by the contractor (test cubes are measured separately)</p> <p><u>Breeze concrete</u></p> <p>Breeze concrete shall consist of twelve parts clean dry furnace ash, free from coal or other foreign matter, to one part cement (1:12); the ash graded up to particles which will pass a 16,5mm ring from a minimum which fails to pass a 4,75mm mesh. The finer materials from the screening are to be first mixed with the cement into a mortar and the ash added afterwards and thoroughly incorporated</p> <p><u>Lightweight concrete</u></p> <p>Lightweight concrete shall have a density of 600kg/m³ for the top 50mm and 400kg/m³ for the remaining thickness. The minimum thickness at outlets, channels, etc shall be 50mm</p>			
	Carried to Collection			R
	<p>Bill No. 3 Concrete, Formwork & Reinforcing DURAPI CONSULTING PTY (LTD)</p>			

Formwork

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

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

Formwork to soffits of solid slabs etc shall be deemed to be to slabs not exceeding 250mm thick unless otherwise described

Formwork to soffits of slabs, beams, etc shall be deemed to be propped up exceeding 1,5m and not exceeding 3,5m high unless otherwise described

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

NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (00G-001E) before pricing this bill

UNREINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES

10MPa 19mm concrete

1	Blinding under surface beds	m3	7	
---	-----------------------------	----	---	--

Carried to Collection

Bill No. 3
Concrete, Formwork & Reinforcing
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>UNREINFORCED CONCRETE</u>					
<u>15MPa 19mm concrete</u>					
2	In cavity infilling to hollow brick piers	m3	1		
<u>REINFORCED CONCRETE CAST ON/IN FORMWORK</u>					
<u>25MPa 19mm concrete</u>					
3	In cavity infilling to walls	m3	8		
<u>30MPa 19mm concrete</u>					
4	Slabs, including beams and inverted beams	m3	5.00		
<u>REINFORCED CONCRETE CAST AGAINST EXCAVATED SURFACES</u>					
<u>20MPa 19mm concrete</u>					
5	Surface beds on waterproofing	m3	49		
6	Pavings cast in panels	m3	9.00		
<u>25MPa 19mm concrete</u>					
7	Piers bases	m3	2		
8	Strip Footings	m3	33.00		
<u>30MPa 19mm concrete</u>					
9	Pit bases	m3	9.00		
<u>SUNDRIES</u>					
<u>Finishing top surfaces of concrete smooth with a wood float</u>					
10	Surface beds, slabs, etc.	m2	246.00		
Carried to Collection					
Bill No. 3 Concrete, Formwork & Reinforcing DURAPI CONSULTING PTY (LTD)					R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

11	Paving to fall, etc.	m2	18.00
	<u>ROUGH FORMWORK (DEGREE OF ACCURACY II) (CPAP Work Group No 111)</u>		
	<u>Rough Formwork to sides and Soffits</u>		
12	Slabs propped up not exceeding 3,5m high	m2	32
13	Downstand beams in slabs propped up not exceeding 3,5m high	m2	12
14	Wall beams	m2	108
	<u>Rough Formwork to sides</u>		
15	Edges, risers, ends and reveals not exceeding 300mm high	m	55.00
	<u>SMOOTH FORMWORK (DEGREE OF ACCURACY II)</u>		
	<u>Smooth Formwork to sides</u>		
16	Edges, risers, ends and reveals not exceeding 300mm high	m	76.00
	<u>MOVEMENT JOINTS ETC</u>		
	<u>Three layers of 375 micron dampproof course in slip joints between horizontal concrete and brick surfaces, including cement mortar bed</u>		
17	Not exceeding 300mm wide	m	43
	<u>Vertical construction joints through concrete, including thick cement slurry to one face:</u>		
18	Through surface beds not exceeding 300mm thick.	m	15

Carried to Collection

Bill No. 3
Concrete, Formwork & Reinforcing
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Expansion joints with bitumen impregnated softboard between vertical concrete or brick surfaces:</u>				
19	10mm Joints not exceeding 300mm high to edge of surface beds.	m	37		
	<u>Approved polysulphide sealing compound including backing cord, bond breaker, primer etc.:</u>				
20	10 x 10mm In vertical expansion joints between concrete and brick surfaces, including raking out expansion joint filler as necessary	m	137		
	<u>Saw-cut joints:</u>				
21	6 x 20mm Saw-cut joints in top of concrete, sealed with approved polyurethane sealant.	m	53		
	<u>Construction joints to structural concrete beams:</u>				
22	10mm Expansion joint to concrete ring beam (beam 220mm wide x 595mm high) including 4 x 16mm RMS dowels 1000mm long, each dowel with one half cast into concrete and the other half housed in and including 20mm diameter PVC sleeves cast in concrete (refer to structural engineers detail E on drawing number 32862-DET-1 Rev 0).	m	8		
	<u>REINFORCEMENT</u>				
	<u>High tensile steel reinforcement to structural concrete work</u>				
23	All diameter bars	t	6.640		
	<u>Fabric reinforcement</u>				
24	Type 193 fabric reinforcement in concrete surface beds, aprons, etc.	m2	403.00		
25	Type 245 fabric reinforcement in cavity walls, etc.	m2	92.00		
	Carried to Collection				R
	Bill No. 3 Concrete, Formwork & Reinforcing DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Concrete test cubes</u>				
26	Prepare set of three 150 x 150 x 150mm concrete strength test cubes, label and send to an approved laboratory for testing, pay all charges and submit report to the Regional Representative. Only successful tests will be paid for	No		25.00	
	<u>PRECAST CONCRETE</u>				
	<u>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.</u>				
	<u>COPINGS, SILLS, ETC.</u>				
	<u>Watcrete or equally approved standard uncoloured blocks finished smooth on exposed surfaces including bedding, jointing and pointing:</u>				
27	300 x 72mm Thick coping twice weathered on top along both edges with drip groove in bottom along both edges.	m		11	
	Carried to Collection				R
	Bill No. 3 Concrete, Formwork & Reinforcing DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 3

Concrete, Formwork & Reinforcing

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

27

28

29

30

31

32

Carried to Summary

R

Bill No. 3

Concrete, Formwork & Reinforcing

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No	Quantity	Rate	Amount
<p><u>BILL NO.4</u></p> <p><u>MASONRY</u></p> <p><u>BRICKWORK</u></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>User note</u></p> <p><i>The following preamble generally applies for works in hot and humid coastal areas</i></p> <p><u>Bagged and sealed walls</u></p> <p>Walls in two skins described as "bagged and sealed" shall be deemed to include having the outer face of the inner skin bagged with 1:6 cement and sand mixture and sealed with two coats bitumen emulsion waterproofing coating</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><u>BLOCK WORK</u></p>			
Carried to Collection			R
<p>Bill No. 4 Masonry DURAPI CONSULTING PTY (LTD)</p>			

Concrete masonry units

Blocks are to be either solid or hollow modular dense concrete masonry units having a compressive strength of 7MPa

Wall ties for block work

Wall ties shall be polypropylene ties complying with BS 76377. Ties for hollow walls shall be of sufficient length to allow not less than 75mm of each end to be built into the block work. Ties are to be spaced at intervals of not more than 1m in the horizontal direction and not more than 400mm staggered in the vertical direction except at openings, vertical joints or ends of walls where they are to be placed vertically above each other

Block work

Block work shall comply with SANS 10145 "Concrete Masonry Construction"

Surfaces to be plastered shall have joints raked out to a depth of at least 10mm to provide a key. Cavities of hollow walls shall be kept free of mortar droppings or other undesirable matter. Every second perpend of the bottom course of the external skin of hollow walls shall be left open as a weep hole

Standard complementary blocks

Descriptions of block work shall be deemed to include standard complementary blocks such as corner, three-quarter, half and quarter blocks required in the construction of corners, reveals, jambs, ends, etc to solid and hollow walls and for bonding as necessary

NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill

IN FOUNDATIONS (PROVISIONAL)

Carried to Collection

Bill No. 4
Masonry
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Brickwork of NFX bricks (14 MPa nominal compressive strength) in Class II mortar:

1	Half brick wall in hallow columns	m2	2.00
2	Half brick wall in VIP pit	m2	11.00
3	One brick wall	m2	185.00
4	One brick wall in VIP pit	m2	13.00
5	300mm Hollow walls of two half brick skins, including wire ties, in VIP pit	m2	44.00

IN SUPERSTRUCTURE (PROVISIONAL)

Brickwork of NFP bricks (7 MPa nominal compressive strength) in Class II mortar:

6	Piers	m3	2
7	Half brick wall	m2	84.00
8	Half brick wall in beam filling	m2	67.00
9	One brick wall	m2	218.00
10	270mm Hollow walls of two half brick skins, including wire ties.	m2	10.00
11	270mm Hollow walls of two half brick skins with inner skin bagged and sealed and with insulation board (elsewhere measured) between skins.	m2	139.00

BRICK REINFORCEMENT

SUNDRIES

12	Brick reinforcement 75mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	440.00
----	--	---	--------

Carried to Collection

Bill No. 4
Masonry
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

13	Brick reinforcement 150mm wide built into brick walls with sufficient laps at end joints, angles and intersections (measured net)	m	1,409.00		
	<u>Hoop iron roof ties</u>				
	<u>Prestressed fabricated lintels including necessary temporary supports:</u>				
14	115 x 76mm High "U" profile prestressed reinforced concrete lintels including building in over openings, in lengths not exceeding 3m.	m	55		
15	Ditto, but exceeding 4,5m and not exceeding 6,0m	m	36		
	<u>Turning pieces:</u>				
16	230mm Wide turning piece to brick lintels etc.	m	5		
	<u>Galvanised hoop iron cramps, ties, etc.</u>				
17	40 x 1,6mm Roof tie 1,5m long with one end cast into concrete and other end fixed to timber.	No	142		
	<u>Air bricks etc</u>				
18	229 x 76mm Terracotta air bricks	No	41		
	<u>Natural grey fibre cement sills in single lengths bedded in class I mortar including metal fixing lugs etc:</u>				
19	15 x 150mm Wide sills set flat and slightly projecting	m	25		

BRICK WALL CAVITY INSULATION

Carried to Collection

R

Bill No. 4
Masonry
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>IsoBoard high density 32-36 kg/m3 rigid extruded polystyrene 100% closed cell insulation board with tongue and groove joints installed to shed moisture away from the inner leaf, fixed with galvanised mild steel once bent hold back ties (size 20 x 1.6 x 130mm) built into horizontal joints in wall at maximum 300mm centres along top and bottom edges, including neatly notching board edges around wall ties, window, door frames, etc:</u>			
20	30mm Plain board, built in vertically against brick skin as cavity wall insulation.	m2	141	
	<u>FACE BRICKWORK</u>			
	<u>Facings in approved face bricks (FBS) with a PC Amount of R10,500.00 per thousand bricks delivered to site (excluding VAT) pointed with square recessed horizontal and vertical joints</u>			
	<u>Extra over brickwork for face brickwork</u>			
21	Extra over ordinary brickwork for facing and pointing in stretcher bond in foundations	m2	88.00	
22	Extra over ordinary brickwork for facing and pointing in stretcher bond externally	m2	304.00	
23	Extra over ordinary brickwork for facing and pointing in stretcher bond internally	m2	151.00	
24	Extra over ordinary brickwork in piers for facing and pointing in stretcher bond	m2	6.00	
25	Extra over ordinary brickwork in beam filling for facing and pointing in stretcher bond	m2	67.00	
	Carried to Collection			R
	Bill No. 4 Masonry DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Soldier course copings, sills, etc. of face bricks with prime cost of R10 500.00 per thousand excluding VAT delivered to the site, pointed with square recessed joints on all exposed faces:</u>				
26	220mm Wide soldier course to top of one brick wall bedded	m	52		
27	110mm Wide soldier course to top of half brick wall bedde	m	11		
	<u>Brick-on-edge header course copings, sills, etc. of face bricks</u>				
28	220mm Brick on edge sill bedded sloping and jointed in cement mortar and pointed on top, edge and projecting soffit including cutting and fitting between reveals and splay cutting brickwork under.	m	5		
29	220mm Brick on edge roller course bedded and jointed in cement mortar and pointed on all exposed faces to slab edge.	m	11		
30	220mm Wide header course to top of one brick wall bedded and jointed in cement mortar and pointed on top and both sides as described.	m	11		
	<u>Brick-on-edge header course copings, sills, etc. of special shaped face bricks, pointed with square recessed joints on all exposed faces:</u>				
31	220mm Brick on edge roller course of single bullnose units with prime cost of R8'500.00 per thousand excluding VAT delivered to the site, bedded down with epoxy onto substructure and jointed in cement mortar and pointed on all exposed faces to slab edge.	m	68		
32	220mm Brick on edge sill of single bullnose solid units with prime cost of R10 500.00 per thousand excluding VAT delivered to the site, bedded sloping and jointed in cement mortar and pointed on top, edge and projecting soffit including cutting and fitting between reveals and splay cutting brickwork under.	m	23		
	Carried to Collection				
	Bill No. 4 Masonry DURAPI CONSULTING PTY (LTD)				R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 4

Masonry

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

34

35

36

37

38

39

Carried to Summary

R

Bill No. 4

Masonry

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 5</u>			
	<u>WATERPROOFING</u>			
	<u>Waterproofing</u>			
	Waterproofing of roofs, basements, etc shall be laid under a ten year guarantee. Waterproofing to roofs shall be laid to even falls to outlets etc with necessary ridges, hips and valleys. Descriptions of sheet or membrane waterproofing shall be deemed to include additional labour to turn-ups and turn-downs			
	NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill			
	<u>DAMP-PROOFING TO WALLS AND FLOORS</u>			
	<u>One Layer 375 Micron embossed black polyethylene damp-proof course to walls, cills, etc. (measured net)</u>			
1	On walls, stepped up in cavities, under cills, etc.	m2	40.00	
	<u>One Layer 250 Micron green medium density damp-proof membrane laid loose on top of sand bed (elsewhere) under solid floors with pressure sensitive tape jointing</u>			
2	On compacted earth under concrete surface beds, lapped 150 mm and sealed at all joints (measured net).	m2	420.00	
	<u>JOINT SEALANTS, ETC.</u>			
	Carried to Collection			R
	Bill No. 5 Waterproofing DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Two-part grey polysulphide sealing compound including backing cord, bond breaker, primer,etc.</u>			
3	Bitumen based outer seal on outer faces of intersection on external walls	m	84	
	<u>Silicon sealing compound including raking out joint filler</u>			
4	Between junction of aluminium window and brickwork	m	108	
Carried to Collection				
Bill No. 5 Waterproofing DURAPI CONSULTING PTY (LTD)				R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 5

Waterproofing

COLLECTION

Total Brought Forward from Page No.

**Page
No**

41

42

Amount

Carried to Summary

R

Bill No. 5

Waterproofing

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 6</u>			
	<u>ROOF COVERINGS</u>			
	NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill			
	Supplementary preambles in connection with fixing of sheeting and accessories and laps are to be inserted when the Model Preambles for Trades (or other preambles not covering the fixing of sheeting and accessories and laps) are used			
	When the pitch of troughed roof covering is less than 5 degrees or if dust proofing is required then the description of roof coverings "with side laps sealed" is to be used			
	Where roof coverings are fixed on top of rigid board insulation to purlins etc descriptions of roof coverings are to include therefore			
	<u>TROUGHED METAL SHEETING AND ACCESSORIES</u>			
	<u>Clotan Steel IBR 0.80mm thick ISQ300 Z275 spelter galvanized steel sheeting and accessories with Chromadek finish on one side and protective primer coating on reverse side fixed to timber purlins or rails at 1000mm centres:</u>			
1	Roof covering with pitch not exceeding 25°, in transportable lengths not exceeding 20m fixed to timber purlins (elsewhere)	m2	480.00	
2	Raking cutting and waste on roof sheeting.	m	133	
	Carried to Collection			R
	Bill No. 6 Roof Coverings, claddings, etc DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

0.80mm Thick Chromadek flashings and accessories:

3	Ridge covering 450mm girth and fixed to timber purlins (elsewhere)	m	33.00
4	Hip cappings 550mm girth and three times bent along girth.	m	63.00
5	Valley gutter 610mm girth and four times bent along girth.	m	5.00
6	Ridge closer or broad flute closer to suit profile.	m	179
7	Pipe flashing (Dektite or equally approved) for pipe not exceeding 50mm diameter.	No	2
8	Pipe flashing (Dektite or equally approved) for pipe exceeding 110mm and not exceeding 160mm diameter.	No	9

ROOF INSULATION

Multi-layered reinforced double sided aluminium foil sheeting in accordance with SANS 1381-4 with a mass of not less than 293g/m² and a Class I fire rating in accordance with SANS 0177-3:

9	Insulation sheeting laid taut over purlin (at approximately 1000mm centres) and fixed concurrent with roof covering with minimum 150mm stapled laps including galvanised steel straining wires at not exceeding 400mm centres and double-sided tape at edges where required.	m2	390
---	--	----	-----

Carried to Collection

Bill No. 6
Roof Coverings, claddings, etc
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO. 7</u></p> <p><u>CARPENTRY AND JOINERY</u></p> <p><u>Fixing</u></p> <p>Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be 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 500mm centres, and where described as "bolted", the bolts have been given elsewhere</p> <p><u>Decorative thermosetting plastic laminate covering</u></p> <p>Laminate covering shall be glued under pressure and edge strips of same shall be butt jointed at junctions with adjacent similar finish</p> <p>NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill</p> <p><u>STRUCTURAL TIMBER WORK ETC</u></p> <p><u>PLATE NAILED TIMBER ROOF TRUSS CONSTRUCTION ETC</u></p>			
	Carried to Collection		R	
	<p>Bill No. 7 Carpentry & Joinery DURAPI CONSULTING PTY (LTD)</p>			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Prefabricated timber roof trusses shall be constructed of South African pine by a firm of specialist designer manufacturers. Trusses to be a maximum of 1200mm centres and are to support metal roof covering. Ceilings are either gypsum plasterboard or claddit (suspended or fixed). Prices must include for the design, plans and approval of all timber trusses and no claim shall be considered. An Engineers approval certificate is required once the roof truss installation is complete and is for the contractors account.

Bidders are referred to the Architects roof plan drawings annexed to these bills of quantities / accompanying these bills of quantities for tender purposes. Specifications and calculations of prefabricated roof must be supplied by the contractor on award of the contract. Descriptions (prices) shall be deemed to include design

Design, supply, assembling and fixing in position of timber roof construction:

Design, manufacture and deliver to site complete plate nailed roof truss construction to Grade R Classroom and Verandah Block L-shaped on plan of overall size 351m² and having 22.5° pitch, including all necessary double pitch trusses, jack and valley trusses, girders, bracing, hangers, cleats, brackets, bolts etc. and 50 x 76mm purlins at 1000mm centres (wall plates and ceiling brandering elsewhere measured).

No 1.00

1 Design, manufacture and deliver to site complete plate nailed roof truss construction to VIP Toilet Block rectangular on plan of overall size 38m² and having 22.5° pitch, including all necessary double pitch trusses, girders, bracing, hangers, cleats, brackets, bolts etc. and 50 x 76mm purlins at 1000mm centres (wall plates and ceiling brandering elsewhere measured).

No 1.00

Carried to Collection

R

Bill No. 7
Carpentry & Joinery
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

2	Design, manufacture and deliver to site complete plate nailed roof truss construction to Undercover Pay Area square on plan of overall size 52m ² and having 22.5° pitch, including all necessary double pitch trusses, jack trusses, girders, bracing, hangers, cleats, brackets, bolts etc. and 50 x 76mm purlins at 1000mm centres (wall plates and ceiling brandering elsewhere measured).	No	1.00		
	<u>Wrought S.A. Pine:</u>				
3	Extra over for wrought purlins at eaves and veranda's.	m	31		
	<u>Sawn softwood</u>				
4	38 x 114mm SA pine wall plate.	m	156.00		
5	38 x 228mm Valley boarding.	m	14		
6	38 x 228mm Gang boarding (Provisional).	m	27		
	<u>EAVES, VERGES, ETC</u>				
	<u>Pressed fibre-cement:</u>				
7	12 x 225mm Fascia board three times drilled, and brass screwed to and including 38 x 50 x 114mm long S.A. Pine cleats twice brass screwed to rafter foot including galvanised steel H-profile jointing strips, screws, holes etc.	m	156.00		
8	85 x 275 x 6mm Barge board fixed to roof timbers including steel H-profile jointing strips, screws, holes, etc.	m	56.00		
	<u>FLOORS AND SKIRTING'S</u>				
	<u>SKIRTING'S</u>				
	<u>Wrought meranti</u>				
9	22 x 76mm Skirting fixed to walls, including 19 x 19mm quadrant bead planted on.	m	146.00		
	Carried to Collection				R
	Bill No. 7 Carpentry & Joinery DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

DOORS ETC

Semi-solid flush doors with tempered smooth faced hardboard covering on both sides and with softwood frame with double top and bottom rails, lock blocks and hinge blocks to both sides and supplied with hardwood concealed edge strips, hung to steel frames:

10	44mm Door 813 x 2032mm high with 450 x 600mm framed opening fitted with suitable wrought meranti glazing beads on both sides, all as indicated on Architect's Drawing No. EL314/00 DS02 door type D3, attached to these bills of quantities.	No	4.00	
----	--	----	------	--

Wrought meranti doors:

11	44mm Framed, ledged, fielded and paneled batten double door 1614 x 2032mm high with rebated meeting stiles, each leaf with 600 x 1000mm framed opening fitted with wrought meranti glazing beads on both sides of 44 x 108mm stiles, top rail and middle ledge, 44 x 222mm bottom ledge and fielded and paneled bottom panel let into and including rebates all round, all as indicated on Architect's Drawing No. EL313/00-DS01 door type D1, attached to these bills of quantities.	No	2	
----	---	----	---	--

12	44mm Framed, ledged and braced batten door 813 x 2032mm high of 44 x 108mm stiles and top rail, 22 x 146mm middle ledge and braces and 22 x 222mm bottom ledge, filled in with 22 x 70mm tongued and grooved V-jointed one side vertical boarding with tongued and grooved joints to top rail and stiles and with inner edges of framing and abutting edges of boarding chamfered to form V-joint and covered at back with 6mm plywood with matching veneer, let into and including rebates all round, all as indicated on Architect's Drawing No. EL313/00-DS01 door type D2, attached to these bills of quantities.	No	2	
----	---	----	---	--

Carried to Collection

R

Bill No. 7
Carpentry & Joinery
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

13	44mm Framed, ledged and braced batten door 925 x 1000mm high of 44 x 108mm stiles, top rail and bottom ledge and 22 x 146mm middle ledge and braces, filled in with 22 x 70mm tongued and grooved V-jointed one side vertical boarding with tongued and grooved joints to top rail, bottom ledge and stiles and with inner edges of framing and abutting edges of boarding chamfered to form V-joint and covered at back with 6mm plywood with matching veneer, let into and including rebates all round, all as indicated on Architect's Drawing No. EL313/00-DS02 door type D4, attached to these bills of quantities.	No	6		
	<u>FRAMED FRAMES ETC</u>				
	<u>Wrought meranti:</u>				
14	70 x 108mm Rebated frames, plugged.	m	22		
	<u>JOINERY SUNDRIES</u>				
	<u>LOOSE FURNITURE</u>				
	<u>School table and chairs to SANS 660-2004:</u>				
15	Reception class 8 seater kindergarden table, comprising 21mm thick saligna hardwood top with 16x3mm pencil groove and finished with two coats of acid catalysed laccuer on 25 x 1.6mm stackable steel frame with baked light grey epoxy powder coating finish.	No	10		
16	Reception class lower primary stackable school chair of injection moulded polypropylene copolymer on 19 x 1.6mm stackable steel frame with baked light grey epoxy powder coating finish.	No	60		
	<u>Upholstered chairs to SANS 1244-1979:</u>				
17	Teachers chair with approved foam (seat min 23kg and back min 16kg) upholstered in 100% polypropylene (contract quality) and glued to 16mm particle board on 22 x 1.2mm stackable square tubing frame with baked black epoxy powder coated finish.	No	2		
	Carried to Collection				
	Bill No. 7 Carpentry & Joinery DURAPI CONSULTING PTY (LTD)				R

18	<p><u>School beds to SABS standards:</u></p> <p>Steel frame single bed with and including plastic foam sponge mattress with stitch-bond PVC cover, mattress size 1910 x 910 x 150mm thick.</p> <p><u>FITTINGS</u></p> <p><u>The following cupboard fittings have been measured as complete units i.e. the components of the units have not been separately measured, and must be installed by a firm of specialists. The descriptions, therefore, of such units shall be deemed to include all components, assembling, housing, notching, glueing, blocking, planting on and screwing with countersunk screws, edge strips, decorative plastic finish, glass, ironmongery, metalwork, paint or varnish finishes, etc.</u></p> <p><u>NATURE OF FURNITURE</u></p> <p><u>Covers furniture, cabinets, cupboards, kitchen cupboards, storage cupboards, pigeonhole cupboards, work tops, vanity tops, workstations, counters, etc.</u></p> <p><u>GENERAL FURNITURE CONSTRUCTION</u></p> <p><u>Construction is based around modular component design, unless otherwise specified, utilizing component fittings, fastening, fitments and connectors for the purpose of prefabrication and ready for site assembly.</u></p> <p><u>GENERAL CARCASS MATERIAL SPECIFICATION</u></p> <p><u>Unless otherwise specified, carcass construction of furniture components to be BISONBORD particle board.</u></p>	No	2	
	<p>Carried to Collection</p> <p>Bill No. 7 Carpentry & Joinery DURAPI CONSULTING PTY (LTD)</p>			R

Melamine surfaced to both faces (BISONLAM).
Finish in minimum 2mm thickness PVC
IMPACTnone edging.

GENERAL DOOR MATERIAL SPECIFICATION

Unless otherwise specified, door and drawer
frontals to be from BISONBORD particle board.
Surface in FORMICA (CPL) to described thickness
to outer faces and FORMICA (CPL) line to inner
faces.

GENERAL WORK TOP MATERIAL
SPECIFICATION

Unless otherwise specified, all work tops fitted to
walls or fitted to cupboards and cabinets, to be from
BISONBORD moisture resistant particle board with
profiled edges. Surface in FORMICA (HPL) to upper
faces with FORMICA (HPL) BROWN backer balancer
to reversed faces. All work tops butting up against
walls to be edged in FORMICA (HPL) and exposed
edges finished in minimum 3mm PVC edging to
required widths. All work tops against tiles to
receive covered tile trims (GENES1S flexi-bead PVC
coat SFB061/01) butting up against work top and tile
surfaces.

BUILT-IN CUPBOARD UNITS

The references given in the descriptions are to the
respective types of fittings detailed on the
architect's drawings annexed to these bills of
quantities for tender purposes:

19 Sink cupboard (sink elsewhere measured) size 1800 x 568 x 900mm high with top (600mm wide), sides, bottom, divisions, shelf, back, single hinged doors and telescopic drawers on rollers, etc. (Dwg EL313/02-JD01 - Kitchen Joinery).

No

1

Carried to Collection

R

Bill No. 7
Carpentry & Joinery
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

20	Floor cupboard size 2550 x 568 x 900mm high with top (600mm wide), sides, bottom, divisions, shelf, back and single hinged doors, etc. (Dwg EL313/02-JD01 - Kitchen Joinery).	No	1	
21	Floor cupboard L-shape on plan overall size 3650 x 568 x 800mm high with top (600mm wide), sides, bottom, divisions, shelf, back, single hinged doors and telescopic drawers on rollers, etc. (Dwg EL313/02-JD02 - Teachers Desk).	No	2	
22	Built-in shelving unit L-shape on plan overall size 5350 x 450 x 1800mm high with sides, bottom, divisions, shelves and back, etc. (Dwg EL313/02-JD03 - Store Room Shelving).	No	2	
23	Pigeon hole type floor cupboard size 4817 x 350 x 900mm high with sides, bottom, divisions, shelves and back, etc. (Dwg EL313/02-JD04 - Classroom Pigeon Holes).	No	2	
Carried to Collection				
Bill No. 7 Carpentry & Joinery DURAPI CONSULTING PTY (LTD)				R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 7

Carpentry & Joinery

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

47

48

49

50

51

52

53

54

Carried to Summary

R

Bill No. 7

Carpentry & Joinery

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No	Quantity	Rate	Amount
<u>BILL NO.8</u>			
<u>CEILING, PARTITIONS AND ACCESS FLOORING</u>			
NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill			
<u>Fixing</u>			
Items described as "nailed" shall be deemed to be fixed with hardened steel nails or pins, or to be shot-pinned, to brickwork or concrete			
Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 500mm centres, and where described as "bolted", the bolts have been given elsewhere			
<u>Ceilings</u>			
Unless otherwise described ceilings shall be deemed to be horizontal			
<u>Bulkheads</u>			
Unless otherwise described bulkheads shall be deemed to be horizontal along the length			
<u>Steel components</u>			
All steel components for ceilings, partitions, etc are to be galvanised in accordance with SANS 121			
<u>NAILED UP CEILINGS</u>			
Carried to Collection			R
Bill No. 8 Ceilings, partitions & access flooring DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

**Ceilings including 38 x 50mm sawn softwood
brandering at 400mm centres with cross brandering
at joints, ends of sheets and at light fittings, etc.**

1	Ceilings including H-type pressed steel jointing strips and 38 x 38mm sawn softwood brandering at 400mm centres in one direction and around edges where required for fixing cornices, securely spiked to roof timbers	m2	232.00
2	Extra over fibre-cement ceiling for hinged pressed metal trap door size 600 x 600mm including all necessary ironmongery	No	2.00
3	Sloping ceilings in eave linings including 38 x 50mm sawn softwood brandering at 400mm centres with cross brandering at joints, ends of sheets and at light fittings, etc.	m2	17

SA Pine cornices:

4	22 x 70mm Coved cornice.	m	278.00
---	--------------------------	---	--------

CEILING INSULATION, ETC

**75mm thick isotherm or similar approved ceiling
insulation. STRICLY NO FIBERGLASS INSULATION**

5	75mm thick isotherm or similar approved ceiling insulation, closely fitted and laid on top of brandering between roof timbers etc.	m2	232.00
---	--	----	--------

Carried to Collection

R

Bill No. 8
Ceilings, partitions & access flooring
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 9</u>			
	<u>IRONMONGERY</u>			
	<u>Proprietary items</u>			
	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			
	NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill			
	Where ironmongery is described as plugged, prices are to include for screwing to and including approved patent plugs in concrete or brickwork with plaster or tiled finish			
	<u>HINGES, BOLTS, ETC</u>			
	<u>"Dorma" or similar approved</u>			
1	102 x 75mm Stainless steel two ball bearing butt hinge (Dorma DBB-SS-009).	No	26.00	
2	153mm Satin Chrome flush bolt with heel fixed to metal (Dorma DFB-SC-180).	No	2	
3	153mm Satin Chrome flush bolt with keep let into concrete (Dorma DFB-SC-180).	No	2	
	Carried to Collection			R
	Bill No. 9 Ironmongery DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

4	Stainless steel disabled WC indicator and turnknob for physically impaired (Dorma DWC-006).	No	1		
	<u>CATCHES, CABIN HOOKS, ETC.</u>				
	<u>"Dorma" or similar approved"</u>				
5	Stainless steel adjustable roller bolt (Dorma DBC-SS-002)	No	6		
	<u>LOCKS</u>				
	<u>"Dorma" or similar approved"</u>				
6	Stainless steel cylinder sash lock (Dorma D036S SS).	No	6.00		
7	Stainless steel bathroom deadlock (Dorma DMWC-SS-008).	No	1		
8	Satin nickel 66mm five pin Euro-profile double cylinder (Dorma DDC106601 MK).	No	10		
9	Nickel plated rebate conversion kit (Dorma 038R NP).	No	2		
	<u>Cisa or equally approved:</u>				
10	Nickel plated backset double throw deadbolt (Cisa 52310-50-12).	No	2		
	<u>Union or equally approved:</u>				
11	38mm Padlock with three keys (Union 3102).	No	6		
12	40mm Corrosion proof class 5 padlocks.	No	1		
	<u>PUSH PLATES AND KICK PLATES</u>				
	<u>1,6mm Thick satin finished grade 430 stainless steel plates countersunk screwed along edges at not exceeding 200mm centres:</u>				
13	150 x 345mm Push plate.	No	16		
	Carried to Collection				
	Bill No. 9 Ironmongery DURAPI CONSULTING PTY (LTD)				R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

DOOR CLOSERS

Manufactured by dorma or similar approved

14	Delayed action EN2-4 overhead door closer including parallel arm bracket (Dorma TS73V PA DC).	No	1	
----	---	----	---	--

NUMERAL AND NAME PLATES

"Union" or similar approved

15	Size 200 X 50mm. STORE	No	2.00	
16	Size 260 X 100mm. SICK ROOM	No	2.00	
17	Size 380 X 70mm. GRADE R1	No	1.00	
18	Size 380 X 70mm. GRADE R2	No	1.00	
19	Size 300 X 50mm. KITCHEN	No	1.00	
20	No smoking sign	No	1.00	
21	No fire sign	No	1.00	
22	AL5066-E01AS Anodised aluminium 'electrical' signage plate.	No	1.00	
23	AL5066-E06AS Anodised aluminium 'fire extinguisher' signage plate.	No	1.00	
24	AL5066-E12AS Anodised aluminium 'male / female' signage plate.	No	1.00	
25	AL5066-E14AS Anodised aluminium 'disabled' signage plate.	No	1.00	
26	AL5066-E15AS Anodised aluminium 'running man' signage plate	No	3.00	

BATHROOM FITTINGS

Carried to Collection

R

Bill No. 9
Ironmongery
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>"Sanitec or similar approved"</u>				
27	Lockable roll toilet roll holder plugged	No	7.00		
28	Wall mounted soap dispenser plugged to plastered or tiled walls	No	4.00		
29	19mm Stainless steel chromium plated towel ring, 300mm diameter, with fixing bracket plugged to plastered or tiled wall	No	4.00		
30	32mm Stainless steel grab rail, 1x Dogleg side rail with center flange, 1 x 750mm long back rail	No	1		
	<u>SUNDRIES</u>				
	<u>"Union" or similar approved</u>				
31	38mm Rubber door stop plugged and screwed to wall or floor	No	16.00		
32	Stainless steel heavy duty spring clip (Howick H076).	No	5		
	<u>Brass dividing strips</u>				
33	3 x 25mm Aluminium dividing strip between different floor finishes	m	19.00		
	<u>PINNING BOARDS, WRITING BOARDS, PROJECTION SCREENS, ETC.</u>				
	<u>Carpet pinning boards in aluminium frame with round plastic corners complete with integrated pen tray, surface wall mounted according to manufacturers instructions:</u>				
34	Pinning board size 1800 x 1200mm high plugged.	No	2		
	Carried to Collection				R
	Bill No. 9 Ironmongery DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Vitrex or equally approved vitreous enamelled chalk boards with aluminium chalk rails, including setting up and fixing to walls and securing bottom with fixing brackets according to manufacturers instructions:

35	Green chalk writing board size 3600 x 1220mm high. No	No	2	
----	---	----	---	--

Carried to Collection

Bill No. 9
Ironmongery
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 9

Ironmongery

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

59

60

61

62

63

Carried to Summary

R

Bill No. 9

Ironmongery

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO. 10</u></p> <p><u>METALWORK</u></p> <p><u>Descriptions of bolts, anchors, etc</u></p> <p>Descriptions of bolts shall be deemed to include nuts and washers</p> <p>Descriptions of expansion anchors and bolts and chemical anchors and bolts shall be deemed to include nuts, washers and mortices in brickwork or concrete</p> <p>Items described as "holed for bolt(s)" shall be deemed to exclude the bolts unless otherwise described</p> <p>Items described as "plugged" shall be deemed to include screwing to fibre, plastic or metal plugs at not exceeding 600mm centres</p> <p><u>Aluminium doors, windows, etc</u></p> <p>Doors and windows shall comply with AAAMSA design criteria</p> <p>Glazing shall comply with SAGGA regulations. Glass shall be type ? laminated performance glass as shown on the window schedules/drawings appended to these bills of quantities (as described in the headings to window descriptions?). Glass thickness shall comply with SAGGA regulations irrespective of thickness's shown on the schedules/drawings</p> <p>Doors and windows shall be supplied with protective tape and plastic and shall be removed only once surrounding trades have been completed</p> <p>For purpose made windows and doors, refer to drawings annexed to (issued separately with?) these bills of quantities</p>			
	Carried to Collection			R
	<p>Bill No. 10 Metalwork DURAPI CONSULTING PTY (LTD)</p>			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

The following certificates shall be provided prior to commencement of site work:

- 1 A copy of the relevant AAAMSA Performance Test Certificate from the manufacturer/contractor supplying the architectural aluminium product
- 2 A Certificate of Conformance confirming that anodising or powder coating has been processed in accordance with SANS 999 and SANS 1796 respectively
- 3 A powder guarantee of not less than 15 years issued by the powder manufacturer. The specific conditions contained in this guarantee shall form part of the powder coating process
- 4 A Certificate of Conformance confirming that glazing has been installed in accordance with SANS 0137, ensuring that safety glazing materials have been installed in the mandatory areas and that each individual pane of safety glazing materials has been permanently marked
- 5 A warranty from the manufacturer of the laminated safety glass and/or hermetically sealed glazing units guaranteeing the products against delamination and colour degradation for period of not less than five years
 - a

NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill

EXPANSION BOLTS : Expansion bolts shall be fixed in accordance with the manufacturer's instructions and prices are to include for drilling mortice for sockets in brickwork or concrete for same

DOORS, WINDOWS, CURTAIN WALLING, SHOP FRONTS, ETC

Carried to Collection

Bill No. 10
Metalwork
DURAPI CONSULTING PTY (LTD)

R

PRESSED STEEL DOOR FRAMES

1,2mm Double rebated frames suitable for half brick walls

1	Frame for door size 813 x 2032mm high	No	6.00	
---	---------------------------------------	----	------	--

GALVANISED STEEL WINDOWS, DOORS, ETC

Purpose made hot dip galvanised after fabrication mild steel framed and welded single gate to external door to kitchen

2	Double gate 1760 x 2150mm high overall, each leaf of 38 x 38 x 2mm hollow section frame and one x 38 x 38mm hollow section horizontal middle rail, filled in with 12mm diameter round vertical bars at 70mm centres and fitted with a pair of 20mm diameter bullet hinges, each hinge welded on and including hinge bracket of 115 x 115 x 115 x 5mm plate bolted to wall with 3 x 10mm rawlbolts and with 16mm diameter locking round bar let into concrete with 20mm diameter metal sleeve.	No	2	
---	---	----	---	--

3	1045 x 1800mm gate. [G2] Refer to drawing no EL313/03- DET	No	1	
---	--	----	---	--

4	1884 x 1650mm high screen panel made of 32 x 32 x 2mm hot dip galv. square tubular framing and 4mm weldmeshwire with 50x50mm aperture fixed to steel frame. Refer to drawing no EL313/03- DET	m	4	
---	---	---	---	--

Purpose made roof supports, columns etc.

5	<u>75mm Outside diameter x 6.51kg/m tubular column 2250mm long with 150 x 150 x 10mm base plate welded on to bottom end and top end having 150 x 3mm thick x 375mm girth channel-shaped bracket eight times holed for bolts (elsewhere measured) welded on including setting up in position and embedding bottom end in concrete.</u>	No	5	
---	--	----	---	--

Carried to Collection

Bill No. 10
Metalwork
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

6	Hot dip galvanised lockable steel gas cage suitable for storage of two 48Kg LP gas cylinders (gas cylinders elsewhere measured), bolted to concrete floor and brick walls.	No	1	
---	--	----	---	--

ALUMINIUM WINDOWS, DOORS, ETC

Purpose made extruded aluminium proposed frame according to AAMSA. Natural Anodised Aluminium Finish.

7	Purpose made window unit, 900 x 1200mm high overall, including two top hung casement sashes, glazed in clear glass (Dwg EL313/00-WS01 - W1).	No	16.00	
---	--	----	-------	--

8	Purpose made window unit, 900 x 900mm high overall, including two top hung casement sashes, glazed in clear glass (Dwg EL313/00-WS01 - W2)	No	7.00	
---	--	----	------	--

9	Purpose made window unit, 600 x 900mm high overall, including one top hung casement sash, glazed in opalescent obscure glass (Dwg EL313/00-WS01 - W4).	No	7.00	
---	--	----	------	--

ROLLER SHUTTER DOORS

Serranda Granda or equally approved galvanised steel roller shutters, galvanised U-channel guides and galvanised steel canopy cover(s), fixed to brickwork or concrete:

10	Chain operated slatted roller shutter for 1800 x 1200mm high opening, including T-bar and neoprene waether strip to bottom edge, two slide latches and canopy cover.	No	1.00	
----	--	----	------	--

MANHOLE COVER

11	Manhole cover to toilet pit.	No	7.00	
----	------------------------------	----	------	--

Carried to Collection

R

Bill No. 10
Metalwork
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 10

Metalwork

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

65

66

67

68

Carried to Summary

R

Bill No. 10

Metalwork

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO.11</u></p> <p><u>PLASTERING</u></p> <p><u>GRANOLITHIC</u></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><u>Mix</u></p> <p>Granolithic shall attain a compressive strength of at least 41MPa. The coarse aggregate shall comply with SANS 1083 and shall generally be capable of passing a 10mm mesh sieve. Where the thickness of the granolithic exceeds 25mm, the size of the coarse aggregate shall be increased to the maximum size compatible with the thickness of the granolithic</p>			
	Carried to Collection			R
	<p>Bill No. 11 Plastering DURAPI CONSULTING PTY (LTD)</p>			

Panels

Granolithic shall be laid in panels not exceeding 14m² for monolithic finishes, not exceeding 9,5m² for bonded finishes and not exceeding 6m² for all external granolithic. Wherever possible, panels shall be square but at no time should the length of the panel exceed 1,5 times its width

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

Laying

Monolithic granolithic shall be applied to the partially set slab and thoroughly compacted and lightly wood floated to the required levels

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

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

Curing, seasoning and protection

Granolithic shall be covered with clean hessian with waterproof building foil over and kept wet for at least seven days after laying

Carried to Collection

Bill No. 11
Plastering
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Colour

Coloured granolithic shall be tinted with an approved colouring pigment mixed into the granolithic in the proportion of ? kg pigment per pocket of cement, of uniform appearance and consistent colour throughout

NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill

SCREEDS

3:1 Cement plaster screeds wood floated for tiles, on concrete

1	25mm thick on floors and landings.	m2	342.00
2	25mm Thick on narrow widths.	m2	2

GRANOLITHIC

Untinted granolithic on concrete:

3	30mm Thick to falls.	m2	61
4	30mm Thick on treads and risers of thresholds	m2	2

INTERNAL PLASTER

Cement plaster steel trowelled, on brickwork

5	On walls	m2	265.00
6	On narrow widths	m2	20.00

EXTERNAL PLASTER

Cement plaster steel trowelled, on brickwork

7	On walls	m2	155.00
---	----------	----	--------

Carried to Collection

R

Bill No. 11
Plastering
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

8	On narrow widths	m2	19.00	
	<u>Cement plaster steel trowelled, on concrete</u>			
9	On sides and soffits of beams.	m2	28.00	
Carried to Collection				R
Bill No. 11 Plastering DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 11

Plastering

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

70

71

72

73

Carried to Summary

R

Bill No. 11

Plastering

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 12</u>			
	<u>TILING</u>			
	<u>Patterns</u>			
	Unless otherwise described, tiles shall be laid with continuous joints in both directions			
	<u>Fixing</u>			
	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			
	Tiling described as "fixed with adhesive on power floated concrete" shall be deemed to include for approved tiling key-coat			
	Ceramic, porcelain, marble and granite tiles are to be fixed and grouted with suitable adhesives and grouts as recommended by the manufacturer of the tiles			
	NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill			
	<u>WALL TILING</u>			
	<u>200 x 200 x 6,5mm Matt glazed white ceramic wall tiles, with 6mm straight joints fixed with approved tile adhesive and grouted with approved tile grout:</u>			
1	On walls	m2	12.00	
2	In narrow widths	m2	2.00	
	Carried to Collection			R
	Bill No. 12 Tiling DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

FLOOR TILING

300 x 300mm Ceramic floor tiles fixed with adhesive to screed (screed elsewhere) and flush pointed with tinted waterproof jointing compound

3	On floors	m2	172.00
---	-----------	----	--------

SUNDRIES

Aluminium corner protectors, stair nosings, expansion joint strips, etc:

4	Square quadrant edge trim 10 x 10mm deep, installed in accordance with manufacturer's instructions.	m	24
---	---	---	----

Carried to Collection

Bill No. 12
Tiling
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 12

Tiling

COLLECTION

Total Brought Forward from Page No.

**Page
No**

75

76

Amount

Carried to Summary

R

Bill No. 12

Tiling

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<p><u>BILL NO. 13</u></p> <p><u>PLUMBING AND DRAINAGE (PROVISIONAL)</u></p> <p><u>Wire gratings</u></p> <p>Descriptions of gutter outlets etc shall be deemed to include wire balloon gratings</p> <p><u>Stormwater channels</u></p> <p>Descriptions of channels shall be deemed to include necessary excavation, surface preparation, compaction, etc, and disposal of surplus material on site</p> <p><u>French drains</u></p> <p>Descriptions of french drains shall be deemed to include excavation, stone filling graded from 300mm diameter at bottom to 75mm diameter at top, "2" geofabric filter blanket over stone, 300mm earth filling over and disposal of surplus material on site</p> <p><u>Septic tanks</u></p> <p>Descriptions of proprietary type septic tanks shall be deemed to include excavation, bedding and jointing, concrete base slabs, jointing to drains and backfilling, compaction, etc all in accordance with the manufacturer's instructions and disposal of surplus material on site</p>			
	Carried to Collection			R
	<p>Bill No. 13 Plumbing & drainage DURAPI CONSULTING PTY (LTD)</p>			

Stainless steel basins, sinks, wash troughs, urinals, etc

Stainless steel for economy basins, domestic sinks and worktops shall be Type 430 (17/0)

Stainless steel for urinals, basins, quality sinks, wash troughs, institutional equipment, etc shall be Type 304 (18/8)

Stainless steel for laboratory sinks, photographic equipment, etc shall be Type 316 (18/8)

Units shall have standard aprons on all exposed edges and tiling keys against walls where applicable

Sealing of edges

Outer edges of sinks, basins, baths, urinals, etc are to be sealed against adjacent surfaces with approved silicone

PVC-U pipes and fittings

Sewer and drainage pipes and fittings shall be jointed and sealed with butyl rubber rings

Soil, waste and vent pipes and fittings shall be solvent weld jointed or sealed with butyl rubber rings

PVC-U pressure pipes and fittings

Pipes of 50mm diameter and smaller shall be plain ended with solvent welded PVC-U loose sockets and fittings

Pipes of 63mm diameter and greater shall have sockets and spigots with push-in type integral rubber ring joints. Bends shall be PVC-U and all other fittings shall be cast iron, all with similar push-in type joints

High density polyethylene (HDPE) pipes and fittings

Pipes shall be type IV and of the class specified with compression fittings

Carried to Collection

Bill No. 13
Plumbing & drainage
DURAPI CONSULTING PTY (LTD)

R

Polypropylene pipes

Polypropylene pipes 54mm diameter and smaller shall be seamless copper coloured Class 16 pipes jointed with heat welded thermoplastic or where so described compression fittings

Pipes shall be firmly fixed to walls, etc with coloured nylon snap-in pipe clips with provision for accommodating thermal movement and jointed and fixed strictly in accordance with the manufacturer's instructions

Copper pipes

Pipes shall be hard drawn and half-hard pipes of the class described. Class 0 (thin walled hard drawn) pipes shall not be bent. Class 1 (thin walled half-hard), Class 2 (half-hard) and Class 3 (heavy walled half-hard) pipes shall only be bent with benders with inner and outer formers. Fittings to copper waste, vent and anti-syphon pipes, capillary solder fittings and compression fittings shall be "P" type. Capillary solder fittings shall comply with ISO 2016

Copper pipes are to be installed in accordance with the latest revision of the Code of Practice for Copper Plumbing soldering techniques. Flux, solder, etc to be strictly in accordance with the manufacturer's requirements with special attention to copper flux composition

Reducing fittings

Where fittings have reducing ends or branches they are described as "reducing" and only the largest end or branch size is given. Should the contractor wish to use other fittings and bushes or reducers he may do so on the understanding that no claim in this regard will be entertained

Carried to Collection

Bill No. 13
Plumbing & drainage
DURAPI CONSULTING PTY (LTD)

R

Fixing of pipes

Unless specifically otherwise stated, descriptions of pipes shall be deemed to include fixing to walls, etc, casting in, building in or suspending not exceeding 1m below suspension level

Paper wrapping to pipes

Pipes chased into brickwork must be wrapped with two layers of stout brown paper tied with wire. Rates are to include for wrapping around joints and fittings

Disinfection of water pipework

Water pipework is to be disinfected at completion

"?" petrolatum anti-corrosion tape

Pipes to be taped shall be coated with the appropriate primer and the tape shall be applied in the appropriate widths and with ?% overlaps

Couplings and fittings to pipes shall be taped in strict accordance with the manufacturer's instructions

Prices for wrapping of pipes shall include for all work as described to couplings in the length

Laying, backfilling, bedding, etc of pipes

Pipes shall be laid and bedded in accordance with manufacturers' instructions and trenches shall be carefully backfilled

Where no manufacturers' instructions exist, pipes shall be laid in accordance with the relevant section of SANS 2001

Carried to Collection

Bill No. 13
Plumbing & drainage
DURAPI CONSULTING PTY (LTD)

R

General

Descriptions of cast iron roof outlets shall be deemed to include joints to pipes and casting into concrete (adaptors for joints to PVC pipes, etc are given separately)

Descriptions of overflow pipes where measured in number, shall be deemed to include joints to cisterns and splay cut ends

Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 95% Mod AASHTO density and disposal of surplus material on site

Descriptions of service pipes and flexible connecting pipes shall be deemed to include connections to taps, cisterns, etc and to steel pipes (adaptors for connections to copper pipes, etc are given separately)

Descriptions of WC pans, slop hoppers, etc shall be deemed to include for joints to soil pipes (pan connectors are separately measured)

As-built drawings

Where required, the contractor shall prepare an updated set of as-built drawings. At completion of the contract the contractor shall hand these drawings to the principal agent for reproducing onto the originals for handing over to the employer (provision for allowance of as-built drawings elsewhere)

NOTE : Tenderers are advised to study the "Specification of Materials and Methods to be used" (OOG-001E) before pricing this bill

RAINWATER DISPOSAL

Carried to Collection

Bill No. 13
Plumbing & drainage
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

**Seamless aluminium industrial gutter installations
of pre-painted double coated Polymer Silicon baked
enamel finish:**

1	140 x 150mm Industrial box gutter of guage 0,8mm with matching splash plate, fixed to falls on and including 20 x 3mm dual purpose aluminium hanger brackets spaced not exceeding 600mm centres using aluminium peeled rivets	m	156.00
2	Extra over eaves gutter for outlet for 100 x 75mm pipe and sealed on the inside with Dow Coring 813 silicone sealer.	No	12.00
3	100 x 75mm Industrial rainwater pipe of guage 0,6mm, fixed to wall with straps spaced not exceeding 1500mm centres using nail plugs.	m	53.00
4	Extra over 100 x 75 x 0,6mm guage rainwater pipe for shoe, riveted and sealed.	No	10.00
5	Extra over 100 x 75 x 0,6mm guage rainwater pipe for eaves offset or bend, riveted and sealed.	No	12.00

Watercon or equally approved

6	Superhead rain water tank filter, fixed to wall or side of water tank.	No	2
---	--	----	---

SANITARY FITTINGS

"Vaal or similar approved"

7	510 x 405 Hibiscus rounded white vitreous china wall mounted basin (product code 702303) with one semipunched taphole, integrated overflow and chainstay hole, bolted wall with two x 10mm bolts (product code 8448ZO).	No	1.00
---	---	----	------

Carried to Collection

R

Bill No. 13
Plumbing & drainage
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>Franke (t/a Citimetal) or similar approved"</u>					
8	SA94 Single drop on sink, overall size 900 x 460mm (product code 310507) comprising pressed bowl 460 x 410 x 120mm deep, set on cupboard fitting (elsewhere measured) with securing clips and sealed with silicone adhesive along edges.	No	2.00		
<u>Atlas Plastics or equally approved polyethylene fittings:</u>					
9	222AP Rotomoulded polyethylene VIP 200 pit pedestal c/w flap and incorporated seat design, size 387 x 518mm high fixed to floors with an approved epoxy or bolted with and including four 6mm diameter x 50mm long expansion bolts.	No	3		
10	237AP Rotomoulded polyethylene VIP 450 pit pedestal, size 507 x 480mm high, with flap and integrated fixing flange fixed to floors with an approved epoxy or bolted with and including four 6mm diameter x 50mm long expansion bolts.	No	4		
11	224AP VIP 200 inlet funnel inserted through concrete cover slab of pit (slab and pit elsewhere measured) with removable plug.	No	7		
12	379AP Rotomoulded polyethylene 45LT wash trough, size 660 x 490 x 260mm high, bolted to walls on and including fitting fixing brackets with suitable expansion bolts.	No	2		
13	382AP Rotomoulded polyethylene Christy wash hand basin, size 570 x 400 x 245mm high, bolted to walls on and including fitting fixing brackets with suitable expansion bolts.	No	6		
<u>TRAPS ETC</u>					
<u>Cobra Watertech or equally approved traps etc:</u>					
14	32 x 32mm Chrome plated deep seal bottle trap with MI outlet (product code 340)	No	7.00		
Carried to Collection					
Bill No. 13 Plumbing & drainage DURAPI CONSULTING PTY (LTD)				R	

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

15	32 x 40mm Chrome plated deep seal bottle trap with MI outlet (product code 350).	No	3.00		
	<u>TAPS, VALVES, ETC</u>				
	<u>Cast iron:</u>				
16	20mm Stopcock with removable handle.	No	2		
	<u>Brushed finish brass steel:</u>				
17	15mm Stopcock.	No	2		
18	22mm Stopcock.	No	1		
19	20mm Hose bib-tap.	No	2		
	<u>Cobra Watertech or equally approved:</u>				
20	15mm Ballcock (product code 1075-15).	No	13		
21	22mm Ballcock (product code 1075-20)	No	1		
22	15mm Code 832/350F chrome plated angle regulating valve with 350mm long flexible service connection.	No	11		
23	15mm Chrome plated 'Star' raised nose pillar tap (product code 111-15).	No	6		
24	15mm Chrome plated medical elbow action pillar tap square type (product code 505-21).	No	5		
25	15mm Chrome plated 'Star' wall type sink mixer with aerated swivel outlet (product code 266/041/10).	No	1		
	<u>SANITARY PLUMBING</u>				
	<u>uPVC Pipes</u>				
26	40mm Waste piping fixed to walls.	m	21.00		
27	50mm Ditto	m	14.00		
	Carried to Collection				R
	Bill No. 13 Plumbing & drainage DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

28	110mm Ditto.	m	9.00		
	<u>Extra over uPVC pipes for fittings</u>				
29	40mm Bend	No	15.00		
30	50mm Bend	No	7.00		
31	110mm Bend	No	14.00		
32	40mm Access bend	No	15.00		
33	50mm Access bend	No	6.00		
34	110mm Access bend	No	5.00		
35	50mm Junction	No	4.00		
36	110mm Junction	No	2.00		
37	50mm Access junction	No	1.00		
38	110mm Access junction	No	1.00		
39	110mm Two-way vent valve.	No	1.00		
	<u>PVC waste or vent pipes and fittings:</u>				
40	150mm Black A/G Pipe fixed to walls.	m	28		
	<u>Extra for</u>				
41	150mm Bend.	No	7.00		
42	150mm Diameter vent cap with fly screen of square 2.25mm aperture.	No	5.00		
	<u>Ventilators:</u>				
43	240mm Polycarbonate 'Turbo Ventura' ventilator with 150mm diameter throat fixed to top of 150mm vent pipe (vent pipe elsewhere measured).	No	2.00		
	Carried to Collection				
	Bill No. 13 Plumbing & drainage DURAPI CONSULTING PTY (LTD)			R	

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

WATER SUPPLIES

Galvanised steel pipes with screwed and socketed joints:

44	20mm Pipes	m	3.00
45	40mm Pipes fixed to steel water tower structure .	m	6.00
46	50mm Pipes fixed to steel water tower structure.	m	6.00
47	50mm Pipes fixed to brick tank stands or PVC water tanks.	m	3.00
48	20mm Pipes built into brick piers, including brown paper lagging (brickwork elsewhere measured).	m	3.00
49	20mm Pipes cast in concrete, including brown paper lagging (concrete elsewhere measured).	m	2.00

Extra over galvanised steel pipes with screwed and socketed joints for steel fittings:

50	20mm Elbow	No	4
51	40mm Elbow	No	2.00
52	50mm Elbow	No	2.00
53	20mm Socket	No	2.00
54	20mm Union	No	1.00
55	20mm Barrel nipple	No	4.00
56	50 x 25mm Straight reducer	No	1.00
57	32mm x 20mm Male adapter / HDPE connector	No	2.00
58	40mm HDPE to galvanised connector	No	1.00
59	50mm HDPE to galvanised connector	No	1.00

Carried to Collection

R

Bill No. 13
Plumbing & drainage
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Class 2 copper pipes:</u>				
60	15mm Pipe chased into walls	m	83.00		
61	22mm Pipe chased into walls	m	8.00		
62	28mm Pipe chased into walls	m	4.00		
	<u>Extra over class 2 copper pipes for brass capillary fittings</u>				
63	15mm Fittings	No	42.00		
64	22mm Fittings	No	4.00		
65	28mm Fittings	No	2.00		
	<u>Water meter boxes, valve chambers, etc:</u>				
66	Excavate for and build stopcock chamber size 230 x 230 x 500mm deep internally with half brick sides built and rendered in 1:3 cement mortar on and including 75mm thick mass concrete base (15MPa) projecting 75mm all round and fitted with a cast iron meter box with hinged lid set flush with ground or paving and frame bedded in 1:3 cement mortar including filling i	No	2		
67	580 x 450mm Brick water meter box not exceeding 1000mm deep internally, including concrete kerb (cover and frame elsewhere).	No	2		
68	480 x 350 x 135mm High thermoplastic chamber cover and frame with lockable lid.	No	2		
	<u>SLEEVES</u>				
	<u>Plastic sleeves:</u>				
69	160mm uPVC pipe laid in and including trenches not exceeding 1m deep.	m	38		
	Carried to Collection				R
	Bill No. 13 Plumbing & drainage DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 13

Plumbing & drainage

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

78

79

80

81

82

83

84

85

86

87

88

89

Carried to Summary

R

Bill No. 13

Plumbing & drainage

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 14</u>			
	<u>GLAZING</u>			
	<u>Float glass</u>			
	The term "float glass" is used for monolithic annealed glass			
	<u>Laminated glass</u>			
	Laminated glass to have polyvinyl butyral (PVB) interlayer(s)			
	<u>GLAZING TO STEEL WITH PUTTY</u>			
	<u>4mm Clear laminated safety glass</u>			
1	Panes exceeding 1,0m ² and not exceeding 2,0m ²	m2	4	
	<u>TOPS, SHELVES, DOORS, MIRRORS, ETC</u>			
	<u>6mm Silvered float glass copper backed mirrors with polished edges holed for and fixed with chromium plated dome capped mirror screws with rubber buffers to plugs in brickwork or concrete:</u>			
2	Mirror 450 x 600mm high including four CP screw caps	No	2	
3	Mirror 450 x 900mm high including four CP screw caps	No	2	
	Carried to Summary			R
	Bill No. 14			
	Glazing			
	DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 15</u>			
	<u>PAINTWORK</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>PREPARATORY WORK TO EXISTING WORK</u>			
	<u>Previously painted plastered surfaces</u>			
	Surfaces shall be thoroughly washed down and allowed to dry completely before any paint is applied. Blistered or peeling paint shall be completely removed and cracks shall be opened, filled with a suitable filler and finished smooth			
	<u>Previously painted metal surfaces</u>			
	Surfaces shall be thoroughly rubbed and cleaned down. Blistered or peeling paint shall be completely removed down to bare metal			
	<u>Previously painted wood surfaces</u>			
	Surfaces shall be thoroughly cleaned down. Blistered or peeling paint shall be completely removed and cracks and crevices shall be primed, filled with suitable filler and finished smooth			
	<u>PAINT SPECIFICATIONS</u>			
	All painting shall be done in accordance with specifications unless otherwise described			
	<u>ON PLASTER SURFACES</u>			
	Carried to Collection			
	Bill No. 15 Paintwork DURAPI CONSULTING PTY (LTD)		R	

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>One coat alkali resistant primer and two coats PVA emulsion paint for interior use</u>				
1	Internal walls	m2	262	
2	External walls	m2	155	
<u>ON FIBRE-CEMENT BOARD SURFACES</u>				
<u>One coat alkali resistant primer and two coats superior quality acrylic emulsion paint for interior and exterior use</u>				
3	Ceilings and cornices, including priming metal cover strips and nail heads ("White" colour group)	m2	232	
4	Fascias and barge boards not exceeding 300mm girth, including priming metal jointing strips	m	212	
5	Fascias and barge boards not exceeding 300mm girth, including priming metal jointing strips	m2	212	
<u>ON METAL SURFACES</u>				
<u>One coat alkyd based zinc phosphate primer and two coats premium quality polyurethane enamel paint, on steel</u>				
6	Steel gates, burglars and frames	m2	20	
7	Door frames	m2	8	
8	Backs of steel door frames not exceeding 300mm girth	m	22	
<u>ON WOOD SURFACES</u>				
<u>Three coats superior quality clear gloss varnish</u>				
9	Doors	m2	16	
10	Skirting, rails, etc. not exceeding 300mm girth	m	146	
Carried to Collection				
Bill No. 15 Paintwork DURAPI CONSULTING PTY (LTD)				R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

11	Roof timbers at eaves and verges	m2	33	
	<u>Two coats carbolinium wood preservative on:</u>			
12	Wall plates	m	156	
	<u>ON SMOOTH CONCRETE SURFACES</u>			
	<u>Prepare surface and apply two coats Abecote 437 water dispersed epoxy paint at 9m²/1 litre):</u>			
13	On interior steel or power floated floors	m2	61	

Carried to Collection

Bill No. 15
Paintwork
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 15

Paintwork

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

92

93

94

Carried to Summary

R

Bill No. 15

Paintwork

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 16</u>			
	<u>EXTERNAL WORKS</u>			
	<u>SUPPLEMENTARY PREAMBLES</u>			
	<u>Nature of ground:</u>			
	<u>The nature of the ground is assumed to be gravel, therefore earth, but possibly interspersed with soft rock.</u>			
	<u>Carting away of excavated material:</u>			
	<u>Descriptions of carting away of excavated material shall be deemed to include loading excavated material onto trucks directly from the excavations or, alternatively, from stock piles situated on the building site.</u>			
	<u>SITE CLEARANCE, ETC.</u>			
	<u>Site clearance:</u>			
1	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc.	m2	1,665	
	<u>BULK EXCAVATION</u>			
	<u>Open face excavation in earth over sloping site:</u>			
2	Open face excavation	m3	199	
	<u>Extra over bulk excavation in earth for excavation in:</u>			
3	Soft rock	m3	18	
4	Hard rock	m3	8	
	Carried to Collection			R
	Bill No. 16 External work DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>CARTING AWAY</u>				
<u>Extra over all excavations for loading, carting and dumping surplus excavated material (no allowance made for increase in bulk):</u>				
5	Spread and level surplus excavated material over the site where directed including lightly compacting the same.	m3	205	
<u>EARTH FILLING, ETC.</u>				
<u>Garden soil filling obtained from stock piles on site (not compacted):</u>				
6	Over site	m3	159	
<u>Earth filling of G7 material in accordance with SANS 1200DM supplied by the contractor, compacted to 93% Mod AASHTO density:</u>				
7	Over site	m3	115	
<u>Keeping excavations free of water:</u>				
8	Allow for keeping excavations free from all water.		Item	
<u>TESTS</u>				
<u>Prescribed density tests on filling:</u>				
9	Provide and have filling compaction check tested by a approved laboratory and deliver the results to the representative/agent within 24 hours of the tests being completed.	No	2	
<u>TREES</u>				
Carried to Collection				R
Bill No. 16 External work DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>The tenderer is to allow in his price for watering all newly planted trees twice a week for the first three months.</u>				
10	Harpephyllum caffrum (wild plum or umgwenya), 600mm high including planting, fertilizing, staking, mulching and watering as by a specialist subcontractor or nursery.	No	2		
	<u>LANDSCAPING</u>				
	<u>Grassing of roots in rows:</u>				
11	Kikuyu grass over site.	m2	1,077		
	<u>WALKWAYS</u>				
	<u>SUPPLEMENTARY PREAMBLES</u>				
	<u>The SUPPLEMENTARY PREAMBLES applicable to the same trade in the preceding Section , apply equally to this Bill</u>				
	<u>Excavation not exceeding 2m deep</u>				
12	Reduced levels under floors	m3	30		
	<u>Keeping excavations free of water</u>				
13	Keeping excavations free of all water other than subterranean water		Item		
	<u>Compaction of surfaces</u>				
14	Compaction of ground surface under floors etc including scarifying for a depth of 100mm, breaking down oversize material, adding suitable material where necessary and compacting to 95% Mod AASHTO density	m2	203		
	<u>Soil insecticide in accordance with SANS 5859 (Certificate must be provided)</u>				
15	Under floors	m2	203		
	Carried to Collection				
	Bill No. 16				
	External work				
	DURAPI CONSULTING PTY (LTD)				
					R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>CONCRETE</u>				
<u>25MPa/19mm concrete reinforced concrete cast on/in formwork</u>				
16	Surface beds cast in panels on waterproofing	m3	30	
<u>Finishing top surfaces of concrete smooth with a wood float to a non-slip surface</u>				
17	Surface slabs (walkway and landings)	m2	203	
<u>FORMWORK</u>				
<u>Smooth formwork to sides</u>				
18	Edges, risers, ends and reveals not exceeding 300mm high or wide	m	213	
<u>REINFORCEMENT</u>				
<u>Fabric reinforcement</u>				
19	Type 193 fabric reinforcement in concrete slabs	m2	203	
<u>FACE BRICKWORK</u>				
<u>Brick-on-edge header course copings, sills, etc of face bricks (prime cost of R6 500.00 per thousand excluding VAT delivered to the site) pointed with recessed joints on all exposed faces:</u>				
20	Face brick as edge kerbing to slab edge, in brick-on-edge roller course bedded and jointed in cement mortar.	m	213	
<u>WATERPROOFING</u>				
21	Under surface beds, paving, etc.	m2	203	
<u>CONCRETE STORMWATER CHANNELS</u>				
<u>Note:</u>				
Carried to Collection				R
Bill No. 16				
External work				
DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Where items in this Bill are identical to those in the previous Bills, the descriptions have been shortened, and the full descriptions in the Trades concerned are to be referred to for the full meaning and intent of each item.

For Preambles see "Specification of materials and methods to be used - PW 371"

CPAP work group:

Unless otherwise stated all items in this bill will be Work Group 146.

STORMWATER CHANNELS

20MPa/19mm Insitu concrete channels:

22	600 x 150mm 20Mpa open concrete stormwater channel with 560 x 60mm deep 'V' channel, on suitable 150mm subbase material compacted to 93% Mod AASHTO density, including all necessary excavations, formwork, compaction, grading, carting away, etc.	m	210	
23	Extra over for angles, intersections, ends, dressing into sides of catchpits, etc.	No	55	
24	400 x 100mm 20Mpa open concrete stormwater channel with 400 x 50mm deep 'V' channel, on suitable 150mm subbase material compacted to 93% Mod A.A.S.H.T.O. density, including all necessary excavations, formwork, compaction, grading, carting away, etc.	m	10	
25	Extra over for angles, intersections, ends, dressing into sides of catchpits, etc.	No	6	
26	REF. 193 fabric reinforcement in insitu concrete channels, etc.	m2	124	

Carried to Collection

R

Bill No. 16
External work
DURAPI CONSULTING PTY (LTD)

<u>Gabions and Reno Matresses:</u>				
27	Form Reno mattress size 1200 x 1800 x 200mm deep using 50mm galvanized diamond mesh stitched closed and lined with U24 Bidum and filled with 50/75mm stones including necessary excavating, carting away etc.	No	8	
<u>FENCING,GATES,ETC</u>				
<u>TRADE PREAMBLES</u>				
<u>For Trade Preambles refer to 'Specification of Materials and Methods' for the full descriptions of material to be used and work to be done in this Bill</u>				
<u>1. All fencing components are to be hot-dip galvanized</u>				
<u>2. All gate posts to receive stay post</u>				
<u>3. Intermediate posts to receive 2 x stay posts if unsupported for more than 30m</u>				
<u>SITE CLEARANCE, ETC.</u>				
<u>Site clearance, etc.:</u>				
28	Allow for clearing site for the width of 1 000mm where fencing runs are to be erected including removing trees, shrubs etc. not exceeding 200mm girth, grubbing up roots and roughly levelling.	m	100	
29	Strip average 200mm thick layer of topsoil and stockpile on site.	m	100	
<u>SECURITY FENCING</u>				
Carried to Collection				R
Bill No. 16 External work DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Straining wires, fencing :

30	Four strands of 4 mm galvanised straining wires secured to fencing posts with doubled 2mm galvanised wire inserted through hole in post and turned a minimum of four turns around straining wire and attached to straining frame at one end with not less than four turns at the other end to straining bolts	m	400
31	3 Strands of galvanised barbed wire tied to standards, posts and eye bolts	m	300
32	Fencing formed of 100 x 50 x 2.5mm diameter galvanised fencing 1 800mm high and fixed to each straining wire with 8 gauge binding wire at 500mm centers (straining wires elsewhere measured).	m	400

Posts for 1 800mm high security fence:

33	76 mm Diameter galvanised steel intermediate fencing post 1800mm long fitted with a pressed steel mushroom cap one end and 150 x 150 x 5 mm baseplate at bottom and embedded in and including 350 x 350 x 600 mm mass concrete (15 MPa) base.	No	34
34	100 mm Ditto as corner post 1 800mm long, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15 MPa) bases as last.	No	5
35	100 mm Ditto as Intermediate Staraining post, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15MPa) bases as last.	No	3
36	150mm Ditto as gate post 1 800mm long, fitted with two 50mm diameter galvanised steel stay set raking and with top end flattened and bolted through post, with post and stay both embedded in mass concrete (15 MPa) bases as last.	No	4

Carried to Collection

R

Bill No. 16
External work
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

37	12 mm Diameter galvanised mild steel straining eye bolt with hook, threaded portion and two nuts and washers.	No	12		
	<u>Gates:</u>				
38	Security fence single gate, size 1 000 mm wide x 1 800mm high including ironmongery, all fittings and specified finish. See drawing no 2016-55-WD-209 [G5]	No	1		
39	Reposition of existing gate including breaking up, excavation, backfill, cartaway and pulling of wires into place etc	No	1		

JUNGLE GYM

The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (1999 Edition), the Department of Public Works document No. PW 371 Specification of Materials and Methods to be used and to the Supplementary Preambles which are incorporated at the front of these Bills of Quantities.

SUPPLEMENTARY PREAMBLES

Members to jungle gym:

Main 100/125mm poles and stays are to be set in concrete min 600mm deep and with bottom ends of poles protruding through concrete base to allow water to drain.

The structure is to be assembled using 10mm stainless steel threaded bar, flat washers and nuts.

PLAYGROUND EQUIPMENT

Carried to Collection

R

Bill No. 16
External work
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Jungle gym:

40	Timber jungle gym (tanalith treated) with raised platform size 1000 x 1000mm, 95% UV protected shadecloth roof, wooded hand railings, nylon commando net, 3000mm glass fibre slide, pole ramp and V-net bridge leading onto second platform (elsewhere measured), installed complete by an approved manufacturer.	No	1
41	Timber jungle gym (tanalith treated) with raised platform size 2000 x 1000mm, wooded hand railings, pull-up ramp, tyre ramp, monkey bars with ladder and joined onto V-net bridge (elsewhere measured), installed complete by an approved manufacturer.	No	1
42	Timber double swing set comprising two tyre swings secured with suitable thickness galvanised chain and eye bolt system, installed complete by an approved manufacturer.	No	2

Fence panel to sand pit:

43	100mm Diameter creosote treated gumpole post 2300mm long holed as necessary for wire or straining eye bolts and embedded 500mm deep in ground in and including 300 x 300 x 400mm deep cement concrete (15MPa/19mm stone) base including all excavations in earth, backfilling and ramming.	No	4
44	Fencing 1,8m high fixed to gumpole posts (elsewhere measured) formed of four 4mm galvanised straining wires secured to posts, the vertical height covered with 50 x 50 x 2,5mm galvanised Class A Weldmesh fencing 1,8m high fixed to straining wires with Hogring clips applied at 300mm centres to the top and bottom straining wires and at 500mm centres to the intermediate straining wires.	m	1

WATER HARVESTING AND SUPPLY SYSTEM

Note:

Carried to Collection

R

Bill No. 16
External work
DURAPI CONSULTING PTY (LTD)

Where items in this Bill are identical to those in the previous Bills, the descriptions have been shortened, and the full descriptions in the Trades concerned are to be referred to for the full meaning and intent of each item.

For Preambles see "Specification of materials and methods to be used - PW 371"

CPAP work group:

Unless otherwise stated all items in this bill will be Work Group 148.

SUPPLEMENTARY PREAMBLES

Excavations:

No claim for rock excavation will be entertained unless the Contractor has timeously notified the quantity surveyor thereof prior to backfilling.

Soft rock' and 'hard rock' shall be as defined in 'Earthworks'.

Laying, backfilling, bedding, etc of pipes:

Pipes shall be laid and bedded and trenches shall be carefully backfilled in accordance with manufacturers' instructions.

Where no manufacturers' instructions exist, pipes shall be laid in accordance with Clauses 5.1 and 5.2 of each of the following: SANS 1200L : Medium-pressure pipelines SANS 1200LD : Sewers SANS 1200LE : Stormwater drainage. Pipe trenches, etc. shall be backfilled in accordance with Clauses 3, 5.5, 5.6, 5.7 and 7 of SANS 1200DB : Earthworks (Pipe trenches). Pipes shall be bedded in accordance with Clauses 3.1 to 3.4.1, 5.1 to 5.3 and 7 of SANS 1200LB : Bedding (Pipes). Unless otherwise described bedding of rigid pipes shall be Class B bedding.

Carried to Collection

Bill No. 16
External work
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>Descriptions of pipes laid in trenches:</u>				
<u>Descriptions of pipes laid in and including trenches and of inspection chambers, catchpits, etc. shall be deemed to include excavation, bedding, backfilling, compaction to a minimum of 90% Mod AASHTO density and disposal of surplus material on site.</u>				
<u>SITE CLEARANCE ETC</u>				
<u>Site clearance</u>				
45	Digging up and removing rubbish, debris, vegetation, hedges, shrubs and trees not exceeding 200mm girth, bush, etc	m2	487	
<u>EXCAVATION, ETC</u>				
<u>Excavation in earth not exceeding 2m deep:</u>				
46	Trenches.	m3	160	
<u>Back excavation of vertical sides of excavations in earth for working space including backfilling compacted to 90% Mod AASHTO density:</u>				
47	Not exceeding 2m deep 500mm away from excavated face.	m3	97	
<u>Extra over trench and hole excavations in earth for excavation in:</u>				
48	Soft rock	m3	26	
49	Hard rock	m3	13	
<u>Extra over all excavations for carting away:</u>				
50	Surplus material from excavations and/or stock piles on site to a dumping site to be located by the contractor.	m3	80	
Carried to Collection				R
Bill No. 16				
External work				
DURAPI CONSULTING PTY (LTD)				

**WATER HARVESTING SYSTEM (CPAP WORK
GROUP NO. 146)**

**Supply, delivery and construction of Pump house
and elevated water tank as detailed below with
reference to water layout drawing No 1702-LIN-CIV-04**

- 1 x 10 000 litre JoJo tank with stays.**
- 1 x 5 meter high hotdip galvanised tank stand as
accepted by the government schools program.**
- 4 x 800x800x1000 25mpa concrete footings
including excavation.**
- 1 x 40mm galvanised inlet pipe with isolating valve
and union.**
- 1 x 50mm Level Dex float valve.**
- 1 x 40mm outlet pipe with isolating valve and union.**
- 1 x 40mm overflow pipe to one meter above ground.**

PUMPHOUSE LOCATION.

- 1 x 10 000 litre JoJo tank with stays.**
- 1 x 32mm brass float valve.**
- 1 x 32mm galvanised inlet pipework from gravity
main to JoJo tank.**
- 1 x 32mm galvanised suction pipework to pumps
including 2 x isolating valves.**
- 1 x 32mm galvanised delivery pipework to pumping
main including 2 isolating valves and 2 x non-return
valves with pressure gauge.**

Carried to Collection

Bill No. 16
External work
DURAPI CONSULTING PTY (LTD)

R

1 x 4000 x 2400 x 200 thick 25mpa concrete floor slab.
1 x 1200 wide x 2000 long x1200 high galvanised pump enclosure with opening lid and front. (1.6mm thick plate).
2 x 0.55 kw 220 volt duty and standby booster pumps.
Duty - 45 litres per minute to a total head of 20 meters.
1 x alternate duty MCC with pressure switch to stop pumps when elevated tank is full and no-flow switch to prevent pumps from running dry.
100 meters 2.5mm X3 core armoured cable with isolator in school building and all conjuit etc.
90 meters cable trench.

Carried to Collection

Bill No. 16
External work
DURAPI CONSULTING PTY (LTD)

R

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	Page No	Amount
Bill No. 16		
External work		
<u>COLLECTION</u>		
Total Brought Forward from Page No.	96	
	97	
	98	
	99	
	100	
	101	
	102	
	103	
	104	
	105	
	106	
	107	
	108	
	109	
Carried to Summary		R
Bill No. 16		
External work		
DURAPI CONSULTING PTY (LTD)		

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No		Quantity	Rate	Amount
	<u>BILL NO. 17</u>			
	<u>ELECTRICAL WORKS</u>			
	<u>DISTRIBUTION BOARDS</u>			
	<u>New Surface/Recess mounted distribution boards accordance with the Specifications and Schedule of Distribution Boards.</u>			
	<u>NOTE : All equipment to be SABS approved and bear the SABS performance mark</u>			
1	DB-Existing, Fault Level: 6kA	No	1	
2	DB-1, Fault Level: 6kA	No	1	
3	DB-2, Fault Level: 6kA	No	1	
4	EDK-1, Fault Level: 6kA	No	1	
	<u>MAINS CABLING & WIRING</u>			
	<u>Cables</u>			
	<u>(SANS 150) PVC/SWAPVC cables drawn into cable sleeves, installed on cable trays/ladders or laid in open trenches including cutting and off cuts</u>			
5	25mm ² x 4 core	m	1	Rate only
6	16mm ² x 4 core	m	1	Rate only
7	10mm ² x 4 core	m	1	Rate only
8	10mm ² x 3 core	m	50	
9	6mm ² x 3 core	m	55	
	Carried to Collection			R
	Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

10	4mm ² x 3 core	m	40	
	<u>Terminations for</u>			
11	25mm ² x 4 core	No	1	Rate only
12	16mm ² x 4 core	No	1	Rate only
13	10mm ² x 4 core	No	1	Rate only
14	10mm ² x 3 core	No	4	
15	6mm ² x 3 core	No	2	
16	4mm ² x 3 core	No	2	
	<u>Bare Copper Earth Wire</u>			
	<u>Wired tied to cables installed in the above scheduled cables including terminations</u>			
17	16mm ²	m	1	Rate only
18	10mm ²	m	1	Rate only
19	6mm ²	m	120	
20	4mm ²	m	80	
21	2.5mm ²	m	140	
	<u>Cable sleeves</u>			
	<u>Heavy duty or flexible (Kabelflex) PVC cable sleeve laid in open trench including cutting and joining</u>			
	NOTE: Spare sleeves for future use to be sealed at both ends			
22	110mm	m		
23	110mm slow bends	No		
	Carried to Collection			R
	Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

24	50mm	m	80	
25	50mm slow bends	No	16	
26	32mm	m		
27	32mm slow bends	No		
<u>Trenching for Cables</u>				
<u>Trenching of cable trenches 600mm deep x 400mm wide including backfill and compacting.</u>				
28	Earth or pickable ground	m	240	
29	Soft rock requiring use of pneumatic tools	m3	30	
30	Hard rock requiring use of dynamite	m3	3	Rate only
31	Allow for the importing of suitable soil to be used as either bedding layer and/or backfilling layer (bedding to be in layer of 75mm and backfilling in layers of 150mm)	m3	50	
<u>Filling obtained from excavations and/or prescribed stock piles on site compacted to 95% Mod AASHTO density</u>				
32	Allow for the backfilling of the trenches, using imported soil and/or selected (excavated) material	m3	50	
<u>Cables Labelling</u>				
33	Label cables on both ends with numbering beads or non-corroding straps to indicate their connection points.			SUM
<u>Cable Warning Tape</u>				
34	Skull and Crossbones Danger Tape	m	250	
Carried to Collection				R
Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Cable Markers</u>			
35	Concrete cable markers complete with galvanised wire fastened to cable and aluminium marker plate. with description	No	30	
	<u>Low Voltage Earthing</u>			
36	Allow for bonding of the electrical installation			SUM
	<u>Earth Spikes</u>			
	<u>Supply, delivery to site, installation of earth spikes including all fastening materials, lugs, etc.</u>			
37	1800mm x 16mm diameter	No	3	
	<u>Power Manholes</u>			
	<u>Double skin brick 700mm deep manhole with heavy duty cover with the following minimum inside dimensions:</u>			
38	inside dimensions: 900mmL x 900mmW x 600mmD	No	2	
	<u>GENERAL LIGHTING</u>			
	<u>Conduit</u>			
39	20mm PVC (SANS 950) conduit chased into brickwork, cast into concrete or fixed onto trusses including cutting, bending, saddles, bushes, etc.	m	1,200	
	<u>Conduit Boxes</u>			
40	PVC round box for 20mm conduit, back or side entry for 1, 2, 3 or 4-way chased into brickwork, cast into concrete or fixed onto trusses including couplings bushes, cover plates and fixing materials	No	50	
41	Galvanised steel, 100 x 50 x 50mm box for 20mm conduit built into brickwork or cast in concrete. (cover plates measured elsewhere)	No	9	
	Carried to Collection			R
	Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>Equipment and Control Gear</u>				
<u>16 Amp single lever, one way flush mounted rocker type switch with cover plate</u>				
42	1-Lever, 1-way	No	7	
43	2-Lever, 1-way	No	2	
44	1-Lever, 1-way (Water tight)	No	1	
45	Photo-cell	No	2	
46	5A switchless socket outlets for light fittings	No	1	Rate only
47	Occupancy Motion Sensors	No	10	
<u>Conductors</u>				
<u>PVC insulated single core copper conductors drawn into conduit or laid into wiring channels.</u>				
48	1,5mm ² PVC black and red	m	1,000	
49	1,5mm ² yellow /green	m	700	
50	2,5mm ² PVC black and red	m	300	
51	2,5mm ² yellow /green	m	150	
<u>BILL NO. 5: LUMINAIRES</u>				
<u>Luminaires must be delivered with lamps packed separately. For Types, see "Schedule of Luminaires".</u>				
52	Type A	No	2	
53	Type B	No	17	
54	Type N	No	28	
<u>SMALL POWER</u>				
Carried to Collection				R
Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>Hot dip galvanised wiring channel</u>				
<u>Cabstrut hot deep galvanised channel with cover including propriety suspension hangers splices, end caps and joints.</u>				
55	P2000 channel including Metal cover, splices and hangers	m	1	Rate only
56	P2000 DB outlet	No	1	Rate only
57	P2000 End cap	No	1	Rate only
58	P2000 90 bends	No	1	Rate only
59	P2000 T piece	No	1	Rate only
60	P2000 Crossover Radiused	No	1	Rate only
<u>Power Skirting</u>				
61	Metal two compartments with SABS mark. Compartments utilisation to be as follows: - The top for electrical wiring - The bottom for data cabling	m	1	Rate only
62	External elbow	No	1	Rate only
63	Internal elbow	No	1	Rate only
64	End cap	No	1	Rate only
65	Flat Elbow	No	1	Rate only
66	Flat tee	No	1	Rate only
<u>Conduit</u>				
Carried to Collection				R
Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>PVC (SANS 950) conduit chased into brickwork, cast into concrete or fixed onto trusses including cutting, bending, saddles, bushes, wastage, etc.</u>				
67	20mm	m	360		
68	32mm	m	105		
	<u>Conduit Boxes</u>				
69	PVC round box for 20mm conduit, back or side entry for 1, 2, 3 or 4-way chased into brickwork, cast into concrete or fixed onto trusses including couplings bushes, cover plates and fixing materials	No	60		
70	Galvanised steel, 100 x 100 x 50mm box for 20mm conduit built into brickwork or cast in concrete. (cover plates measured elsewhere)	No	12		
71	Galvanised steel, 100 x 150 x 50mm box for 20mm conduit built into brickwork or cast in concrete. (cover plates measured elsewhere)	No	12		
	<u>Galvanised SANS Approved Conduit</u>				
	<u>Supply, delivery to site, installation of conduit on surface, in ceiling void, chased into or cast into concrete works and/or brickwork, including bushes, locknuts, couplings, saddles, etc.</u>				
72	20 mm diameter conduit	m	120		
73	25 mm diameter conduit	m	80		
	<u>Conductors</u>				
	<u>The supply and installation of PVC insulated stranded single core copper conductors drawn into conduits and ducting</u>				
74	4mm ² PVC black and red	m	800		
75	2.5mm ² PVC insulated green/yellow earth wire	m	400		
	Carried to Collection				
	Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)			R	

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

76	6mm ² PVC black and red	m	120	
77	4mm ² insulated green/yellow earth wire	m	60	
<u>Equipment and Control Gear</u>				
<u>Power skirting mounted 16 Amp and 6A 3-pin switched socket outlets including clips and covers</u>				
78	1x 16A Single and 1x 6A socket outlet	No	1	Rate only
79	1x 16A Single dedicated socket outlet	No	1	Rate only
<u>Flush wall mounted 16 Amp 3-pin switched socket outlet with cover plate</u>				
80	1x 16A Single and 1x 6A socket outlet	No	17	
81	2x 16A Single and 2x 6A socket outlet	No	2	
<u>Surface mounted 16 Amp 3-pin switched socket outlet with cover plate in ceiling voids</u>				
82	Standard single socket outlet	No	1	Rate only
83	Dedicated single socket outlet	No	1	Rate only
<u>Indoor surface mounted isolators for hot water cylinders in ceiling void including box</u>				
84	20A - 32A DP	No	1	Rate only
85	20A - 32A TP	No	1	Rate only
<u>Surface mounted isolators including box</u>				
86	20A - 32A DP	No	2	
87	20A - 32A TP	No	2	
Carried to Collection				R
Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

TELEPHONE AND DATA SYSTEM WIREWAYS

88	Double skin brick 700mm deep manhole with heavy duty cover with the following minimum inside dimensions: 450mm x 450mm	No	1	
	<u>Surface mounted distribution board with architrave, 10mm thick soft wood back board (plywood or shutter board) and hinged door:</u>			
89	600mm x 600mm	No	1	Rate only
90	450mm x 450mm	No	1	
	<u>Cable sleeves</u>			
	<u>Flexible (Kabelflex) PVC cable sleeves laid in open trench including cutting, backfilling and compacting.</u>			
91	110mm	m	1	Rate only
	<u>Cable Tray</u>			
92	Cabstrut 150mm wide medium duty hot dipped galvanised welded wire mesh cable tray including splices clamps, hold down saddles and suspension materials installed in ceiling voids.	m	1	Rate only
93	90 degrees Horizontal elbow	No	1	Rate only
94	Tee piece	No	1	Rate only
95	Four way crossover	No	1	Rate only
96	Cooper B-Line drop out fittings	No	1	Rate only
97	Cooper B-Line cable drop out	No	1	Rate only
98	Cooper B-Line conduit connector	No	1	Rate only

Conduit

Carried to Collection

R

Bill No. 17
Electrical works
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>PVC (SANS 950) conduit chased into brickwork, cast into concrete or fixed onto trusses including cutting, bending, saddles, bushes, wastage, etc.</u>			
99	25mm conduit	m	35	
	<u>Conduit Accessories & Boxes</u>			
100	PVC round box for 25mm and 32mm conduit, back or side entry for 1, 2, 3 or 4-way chased into brickwork, cast into concrete or fixed onto trusses including couplings bushes, cover plates and fixing materials	No	3	
101	Galvanised steel draw wires drawn into conduit(1.6mm)	m	3	
	<u>Power skirting sockets</u>			
102	Data RJ88	No	4	Rate only
103	Data RJ45	No	4	Rate only
	<u>SUNDRY ITEMS</u>			
104	Allow for Training of Client's Representative at Practical Completion.		Item	
105	Allow for Training of Client's Representative at end of Defects Liability Period.		Item	
106	Provision for Intercom / PA Installation		Item	
107	Profit and attendance on item 8.3 above		%	
108	Allow for liason with Eskom for power interruptions when necessary		Item	
109	Provision For Electricity Connection Upgrade		Item	
110	Profit and attendance on item 8.6 above		%	
111	Booster Pump Mechanical Installation for Elevated Water Storage Tanks		Item	
	Carried to Collection			R
	Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

112	Profit and attendance on item 8.8 above		%		
113	Fire Detection Installation		Item		
114	Profit and attendance on item 8.8 above		%		
<u>LIGHTNING PROTECT INSTALLATION</u>					
<u>Down Conductors</u>					
<u>Supply and fixing on surface in an approved manner of aluminium conductor including all fixing accessories, such as insulating sleeves and stand-off brackets, but not including terminations. Rates quoted shall allow for wastage, off-cuts and joints.</u>					
115	50mm ² aluminium conductor	m		120	
<u>Air Terminal Conductors</u>					
116	Supply and fixing on surface in an approved manner of 50mm ² aluminium conductor including all fixing accessories, such as insulating sleeves and stand-off brackets, but not including terminations. Rates quoted shall allow for wastage, off-cuts and joints.	m		80	
<u>Terminations of Down Conductors to Air Terminals</u>					
<u>Termination of aluminium conductor to metal roof including lugs and making off of the ends etc.</u>					
117	50mm ² aluminium conductor to metal roof.	No		7	
<u>Earthing Conductors</u>					
<u>Supply and laying in the ground and in conduits of copper earth wire excluding terminations. Rates quoted shall allow for wastage, off-cut and joints.</u>					
118	70mm ² Green PVC insulated copper conductor	m		40	
<u>Termination of Earthing Conductors to Down Conductors</u>					
Carried to Collection					R
Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)					

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

<u>Gas Stove (Boling Tables), 100mm complete with stainless splashbacks on sides and back</u>				
128	Supply, Install, test, commission and provide 12 month guarantee for industrial 3 burner gas stove.	No	1	
<u>Piping Installation</u>				
<u>Copper pipe: capillary type copper tube fittings to SANS 1067 Part 2 including cutting, reaming and soldering of joints with hard type solder and pipe supports as specified.</u>				
NOTE:				
Straight couplers, fitting reducers and bends up to 28 diam will not be measured as separate items and are to be included in the rates for straight piping.				
Supply, delivery to site and installation to SANS 1453 copper pipe work Class as specified.				
<u>Copper Pipe</u>				
129	LPG - 22 mm	m	10	
<u>Copper Pipe Fittings</u>				
130	Elbow 90° - 22mm	No	4	
<u>Couplers</u>				
131	22mm	No	4	
<u>Pipe Identification and Colour Coding and Earthing</u>				
132	Application of colour banding and flow directions as per SANS 0224 and SANS 06			SUM
133	Bonding to earth of all piping at entrance to each building as per SANS 0224			SUM
Carried to Collection				R
Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

	<u>Fittings</u>				
134	Isolating valves 22 mm	No	4		
	<u>Manifolds</u>				
	<u>Supply, install, test and commission cylinder bank manifolds c/w isolating / non return valves, pigtails, primary regulators, safety valves valve vents, purge and test cocks, gauges, new service point and all other ancillaries.</u>				
135	4 x 4 Bottle Propane bank	No	2		
	<u>Gas Bottle Supports</u>				
	<u>Supply, install, test and commission cylinder bank hot dip galvanised stands c/w holding chains, all as specified.</u>				
136	4 x 4 Bottle Propane bank	No	2		
	<u>Documentation</u>				
137	Submit complete approval and release forms.	No	1		
	<u>Cylinders</u>				
138	Deliver to site and installation of 48 kg LPG cylinder with deposits.	No	1		Rate only
139	Deliver to site and installation of 19 kg LPG cylinder with deposits.	No	2		
	<u>Fire Protection Installation</u>				
	<u>Supply, Install, test, commission and provide 12 month guarantee for portable fire extinguishers and wall mounted bracket / backing board and etc.</u>				
140	9 kg DCP	No	3		
	Carried to Collection				R
	Bill No. 17 Electrical works DURAPI CONSULTING PTY (LTD)				

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 17
Electrical works
COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

111

112

113

114

115

116

117

118

119

120

121

122

123

124

125

Carried to Summary

R

Bill No. 17
Electrical works
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Item No	Quantity	Rate	Amount
<u>BILL NO. 18</u>			
<u>PROVISIONAL SUMS</u>			
<u>General</u>			
<p>Work for which budgetary allowances are provided will be measured and valued in accordance with the relevant ?building agreement? ?building contract? and deducted in whole or in part if not required without any compensation for loss of profit on the said allowances</p> <p>Prime cost amounts and provisional sums are net. Prime cost amounts shall 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>			
<u>Profit</u>			
Where stated, the contractor may allow for profit if required			
<u>User note</u>			
<p><i>Refer hereunder to "nominated subcontractors" or "selected subcontractors" or both as the case may be and in accordance with the relevant building agreement (building contract)</i></p> <p><i>Where "attendance" <u>is</u> defined in the relevant subcontract agreement/subcontract, the user is to refer thereto and is to ensure that the designations therein are used. Where "attendance" <u>is not</u> defined in the relevant subcontract agreement/subcontract, the user is to provide a detailed description of the "attendance" required from the contractor</i></p>			
Carried to Collection			R
Bill No. 18 Provisional sums DURAPI CONSULTING PTY (LTD)			

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

General attendance on nominated/selected subcontractors

User note

Use the following descriptions where the JBCC N/S Subcontract Agreement is applicable

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 contractor's duties as described in clause 12.2 of the JBCC N/S Subcontract Agreement

Special attendance on nominated/selected subcontractors

Where "special attendance" such as unloading, storing, placing in position, providing special power supplies, specific hoisting, crane and scaffolding requirements, provision of temporary casing and/or other specific protection of the works, special security and clearing away rubbish is required, a separate item describing the specific requirements in detail is to be provided for the pricing of such requirements

Builder's work

Builder's work in connection with specialist services is given elsewhere in these bills of quantities

DIRECT APPOINTMENT OF SERVICE PROVIDERS

Community liason officer:

- 1 Provide the sum of R50'000.00 (Seventy Thousand Rand) for the involvement of a Community Liason Officer (to be paid R5'000 per month) to be employed by the main contractor, for a period of ten months.

Allow for all associated costs for the employment and payment of a community liaison officer by the main contractor.

Item

Carried to Collection

R

Bill No. 18

Provisional sums

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

EXPERIENTIAL WORK OPPORTUNITIES AND TRAINING

On-site training for designated persons:

- 2 Provide the sum of R 50'000.00 (Fifty Thousand Rand) for the placement on site of one student (to be paid R 5'000 per month) to be employed by the main contractor for in-service training, for a period of ten months.

Allow for all associated costs for the employment and payment of a student by the main contractor.

Item

Carried to Collection

R

Bill No. 18
Provisional sums
DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No. 18

Provisional sums

COLLECTION

Total Brought Forward from Page No.

**Page
No**

Amount

127

128

129

Carried to Summary

R

Bill No. 18

Provisional sums

DURAPI CONSULTING PTY (LTD)

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No	<u>FINAL SUMMARY</u>	Page No	Amount
1	Preliminary & General	20	
2	Earthworks (Provisional)	26	
3	Concrete, Formwork & Reinforcing	33	
4	Masonry	40	
5	Waterproofing	43	
6	Roof Coverings, claddings, etc	46	
7	Carpentry & Joinery	55	
8	Ceilings, partitions & access flooring	58	
9	Ironmongery	64	
10	Metalwork	69	
11	Plastering	74	
12	Tiling	77	
13	Plumbing & drainage	90	
14	Glazing	91	
15	Paintwork	95	
16	External work	110	
17	Electrical works	126	
18	Provisional sums	130	
	Sub Total		R
	Carried Forward		R
	DURAPI CONSULTING PTY (LTD)		

**LINGELETHU JUNIOR PRIMARY SCHOOL PROVISIONAL BOQ
INDEPENDENT DEVELOPMENT TRUST
DEPARTMENT OF EDUCATION EASTERN CAPE**

Bill No	<u>FINAL SUMMARY</u>	Page No	Amount
	Brought Forward		R
	Allow for 5% for unforeseen contingency requirement on site. This amount is to be expanded in part or whole, only upon written instruction from Representative/Agent	%	
	Sub Total		R
	Allow for 5% of Escalation	%	
	Sub Total		R
	ADD: Value-Added Tax @ 15%		R
	Sub-Total		R
	Carried to Form of Tender		R
	DURAPI CONSULTING PTY (LTD)		

INDEPENDENT DEVELOPMENT TRUST

C3 Scope of Work

1 DESCRIPTION OF THE WORKS

1.1 Employer's objectives

The employer's objective is to provide:

GRADE R at Lingelethu Junior Primary School, BIZANA, Alfred NZO District, Eastern Cape.

1.2 Overview of the works

Grade R Classroom Block (1 x classroom, 1 x store room, 1 x kitchen overall approximate size 108 square meters). Undercover play area (approximate size 16 square meters). Undercover sand pit (approximately size 12 square meters). VIP toilet block (7 x Pit Toilet) .Site works generally comprising of bulk earthworks, open walkways, concrete aprons, storm water channels, rainwater tanks on bases, 1 x elevated rainwater tank on stand, jungle gym, security fencing all round GRADE R and school perimeter and entrance structure. New building to have full electrical installation

1.3 Location of the works

The designated site to be shown to the contractor is at Lingelethu Junior Primary School, BIZANA, Alfred NZO District, Eastern Cape.

Temporary works

To be communicated to the winning bidder before construction commences

2 DRAWINGS

The drawings used for setting up the Bills of Quantities are attached.

- **Architectural drawings**
- **Civil & Structural Engineers Drawings**

Three (3) sets to be provided to the successful Bidder at site hand over

3 PROCUREMENT

3.1 Preferential procurement procedures

The works shall be executed in accordance with the conditions attached to preferences granted in accordance with the preferencing schedule.

3.1.1 Requirements for the sourcing and engagement of labour.

3.1.1.1 Labour required for the execution of all labour intensive works shall be engaged strictly in accordance with prevailing legislation and SANS 1914-5, Participation of Targeted Labour.

3.1.1.2 The rate of pay set for this project is as follows:

Description	Daily wage for 8 hour work day (Minimum)	Important Note to Bidders
Unskilled labour	R 185-52	NB: Bidders are to check and verify rates used in the area during compulsory briefing or before submitting bid document.
Semi-skilled labour	R 231-20	
Skilled labour	R 251-76	
Supervisor	R 307-84	

3.1.1.3 Tasks established by the contractor must be such that:

- a) the average worker completes 5 tasks per week in 40 hours or less; and
- b) the weakest worker completes 5 tasks per week in 55 hours or less.

3.1.1.4 The contractor must revise the time taken to complete a task whenever it is established that the time taken to complete a weekly task is not within the requirements of 3.1.1.3.

3.1.1.5 The Contractor shall, through all available community structures, inform the local community of the labour intensive works and the employment opportunities presented thereby. Preference must be given to people with previous practical experience in construction and / or who come from households:

- a) where the head of the household has less than a primary school education;
- b) that have less than one full time person earning an income;
- c) where subsistence agriculture is the source of income;
- d) those who are not in receipt of any social security pension income

3.1.1.6 The Contractor shall endeavor to ensure that the expenditure on the employment of temporary workers is in the following proportions:

- a) 25 % women;
- b) 50% youth who are between the ages of 18 and 25; and
- c) 2% on persons with disabilities.

3.1.2 Specific provisions pertaining to SANS 1914-5

3.1.2.1 Definitions

3.1.2.1.1 Targeted labour: Unemployed persons who are employed as local labour on the project.

3.1.2.2 Contract Participation Goal

3.1.2.2.1 The minimum Contract Participation Goal applicable to the Contract is 30%.

3.1.2.2.2 The wages and allowances used to calculate the contract participation goal shall, with respect to both time-rated and task rated workers, comprise all wages paid and any training allowance paid in respect of agreed training programmes. The Person / days will be calculated in accordance with Addendum F: Contract Person / Days Calculation Format.

3.1.2.3 Terms and conditions for the engagement of targeted labour

3.1.2.3.1 Further to the provisions of clause 3.3.2 of SANS 1914-5, written contracts to be signed between the Contractor and workers will be in accordance with the pro-forma contract, attached as Addendum D.

3.1.2.3.2 Further to the provisions of clause 5.2 of SANS 1914-5, the Contractor will use the pro-forma attendance register, attached as Addendum E, to record the required information as per said clause.

3.1.2.4 Variations to the SANS 1914-5

None

3.1.2.5 Training of targeted labour

3.1.2.5.1 The Employer will appoint a service provider that will provide training to the workers. The Contractor need not to provide for payment of said service provider.

3.1.2.5.2 Workers will receive 2 days training per every 22 working days for the duration of the Contract.

3.1.2.5.3 An allowance equal to 100% of the task rate or daily rate shall be paid by the Contractor to workers who attend training, in terms of 3.1.2.5.

3.1.2.5.4 Records pertaining to the attendance, progress and performance of trainees will be kept by the Contractor and made available to the Employer monthly. These records shall be attached to the monthly progress payment certificates to the Employer.

3.1.2.5.5 The Contractor shall do nothing to dissuade targeted labour from participating in training programmes.

3.2 Subcontracting

3.2.1 Scope of mandatory subcontract work

As per the mandatory sub-contracting clause, the Contractor must not sub-contract more than 30% of work to Domestic Sub-contractors.

The Contractor shall without delay enter into contracts with the Domestic Subcontractors as submitted on the returnable schedule and forward a copy of these agreements to the Principal Agent. The Contractor shall remain responsible for providing the subcontracted portion of the works as if the work had not been subcontracted.

The Contractor to take note of item 3.2.2 below

3.2.2 Preferred subcontractors / suppliers

3.2.3 Subcontracting procedures

See items 3.2.1 and 3.2.2 as well as Bid data

3.2.4 Attendance on subcontractors

Attendance to Domestic Sub-contractors as stated above should be priced under the relevant items in the Preliminaries section of the bills of quantities. Attendance to nominated sub-contractors should be priced under the relevant items in the Provisional Sums section of the bills of quantities.

4. MANAGEMENT

4.1 Recording of weather

The Contractor shall erect an effective rainfall gauge on the site and record the daily rainfall figures in a book. Such book shall be handed to the employer's representative for his signature no later than 12 days after rain that is considered to justify an extension of time occurs.

4.2 Unauthorized persons

The Contractor shall keep unauthorized persons from the works at all times. Under no circumstances may any person except guards be allowed to sleep on the building site.

4.3 Management meetings

The Employer's Representative and the Contractor shall hold meetings relating to the progress of the works at regular intervals and at other such times as may be necessary. The Contractor shall attend all site meetings and shall ensure that all persons under his jurisdiction are notified timeously of all site meetings should the Employer's Representative require their attendance at such meetings.

The Contractor shall keep on site a set of minutes of all site meetings, daily records of resources (people and equipment employed), a site instruction book, a complete set of contract working drawings and a copy of the procurement document and make these available at all reasonable times to all persons concerned with the contract.

4.4 Forms for contract administration

The Contractor shall be required to submit an updated contractor monthly report during site meetings, which will be used by the consultant to update the client.

4.5 Payment certificates

The Contractor to ensure that the VAT invoice required with each certificate is delivered timeously. The date of the certificate will be that of the date when the certificate is received by the consultant.

The Contractor to ensure timeous submission of all required documentation for the expedient processing of payment certificates, as required by the client, eg BAS entity forms, company registration details, VAT clearance certificates, etc. The Contractor is responsible for such documentation submission.

4.6 Addenda

- 4.6.1 Occupational Health and Safety Regulations (*ADDENDUM A*)
- 4.6.2 Standard Occupational Health and Safety Specification (*ADDENDUM B*)
- 4.6.3 Environmental Management Plan (*ADDENDUM C*) (will be made available to the successful bidder)
- 4.6.4 Pro-forma contract between Contractor and Worker (*ADDENDUM D*)
- 4.6.5 Pro-forma Attendance Register (*ADDENDUM E*)
- 4.6.6 Contract Person / Days Calculation Format (*ADDENDUM F*)
- 4.6.7 Contractor monthly report format (see 4.4 above) also available in electronic format (*ADDENDUM G*)
- 4.6.8 Guidelines for the implementation of labour-intensive infrastructure projects under the Expanded Public Works Programme (*ADDENDUM H*) (available on the following *website www.epwp.gov.za*)
- 4.6.9 Drawings (*ADDENDUM I*)
- 4.6.10 IDT Addendum to the JBCC (*ADDENDUM J*)

INDEPENDENT DEVELOPMENT TRUST

C4 Site Information

SEE ATTACHED SITE MAP

ADDENDUM A

Occupational Health and Safety Regulations

GOVERNMENT NOTICE

DEPARTMENT OF LABOUR

No. R.

7 February 2014

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993

CONSTRUCTION REGULATIONS, 2014

The Minister of Labour has under section 43 of the Occupational Health and Safety Act, 1993 (Act No. 85 of 1993), after consultation with the Advisory Council for Occupational Health and Safety, made the regulations in the Schedule.

ADDENDUM A

OCCUPATIONAL HEALTH AND SAFETY ACT, 1993
Regulation 3 of the Construction Regulations, 2014

NOTIFICATION OF CONSTRUCTION WORK

- 1.(a) Name and postal address of principal contractor:

- (b) Name and tel. no of principal contractor's contact person:

2. Principal contractor's compensation registration number: _____
- 3.(a) Name and postal address of client:

- (b) Name and tel no of client's contact person or agent:

- 4.(a) Name and postal address of designer(s) for the project:

- (b) Name and tel. no of designer(s) contact person:

5. Name and telephone number of principal contractor's construction supervisor on site appointed in terms of regulation 6.(1). _____
6. Name/s of principal contractor's sub-ordinate supervisors on site appointed in terms of regulation 6.(2).

7. Exact physical address of the construction site or site office:

8. Nature of the construction work:

9. Expected commencement date: _____
10. Expected completion date: _____
11. Estimated maximum number of persons on the construction site.

12. Planned number of contractors on the construction site accountable to principal contractor:

13. Name(s) of contractors already chosen.

Principal Contractor

Date

Client

Date

- THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR **PRIOR TO COMMENCEMENT** OF WORK ON SITE.
- **ALL PRINCIPAL CONTRACTORS** THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER PRINCIPAL CONTRACTOR ON THE SAME SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.

ADDENDUM B

Occupational Health and Safety Specification

INDEPENDENT DEVELOPMENT TRUST

(Hereinafter referred to as the Employer)

OCCUPATIONAL HEALTH AND SAFETY SPECIFICATION

This specification shall be used in conjunction with all other applicable safety specifications, legislation and regulations in force at the time of the contract. Where unique site specifications are in force, those site specifications shall take precedence over this Specification.

IDT East London Office
Palm Square Business Park
Silverwood House, Bonza Bay Road
BEACON BAY, EAST LONDON
5200

Contact:
Name: Ms. N. Dyasi
Telephone: (043) 711 - 6000

ADDENDUM "A"

**PRO-FORMA AGREEMENT IN TERMS OF OCCUPATIONAL HEALTH AND SAFETY
ACT 1993**

PRO-FORMA AGREEMENT IN TERMS OF

OCCUPATIONAL HEALTH AND SAFETY ACT 1993 – SECTION 37 (2)

NEW CONSTRUCTION SAFETY REGULATIONS

The above-mentioned regulations were promulgated in the Govt. Gazette on Friday, 18 July 2014 under the Occupational Health & Safety Act (85 of 1993) and are now in force.

The Employer and the Contractor hereby agree, in terms of the provisions of Section 37(2) of the Occupational Health and Safety Act 1993 (Act 85 of 1993, hereinafter referred to as the Act), that the following arrangements and procedures shall apply between them to ensure compliance by the Contractor with the provisions of the Act, namely:

- (a) The Contractor undertakes to acquaint the appropriate officials and employees of the Contractor with all the relevant provisions of the Act and the regulations promulgated in terms of the Act, and the Employer’s Health and Safety Specifications included in the contract documents.
- (b) The Contractor undertakes that all relevant duties, obligations and prohibitions imposed in terms of the Act and Regulations and the Employer’s Health and Safety Specifications included in the contract documents will be complied with in all respects.
- (c) In relation to any work or activity performed by the Contractor, his workmen or any other person for whose acts or omissions the Contractor is responsible in terms of the Contract, the Contractor hereby accepts sole liability for such due compliance with the relevant duties, obligations and prohibitions imposed by the Act and Regulations and expressly absolves the Employer from itself being obliged to comply with any of the aforesaid duties, obligations and prohibitions.
- (d) The Contractor agrees that any 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 paragraphs (a) and (b) 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.
- (e) The Contractor shall be obliged to report forthwith in writing to the Representative/Agent full details of any investigation, complaint or criminal charge which may arise as a consequence of the provisions of the Act and Regulations, pursuant to work performed in terms of this Contract.
- (f) Forward “safety meeting” minutes to the representative/Agent.

For the Employer: _____ Date: _____

Witnesses: 1) : _____ 2) _____

For the Contractor: _____ Date: _____

Witnesses: 1) : _____ 2) _____

ADDENDUM "B"

NOTIFICATION OF CONSTRUCTION WORK

NOTIFICATION OF CONSTRUCTION WORK
(Regulation 3 of the Construction Regulations, 2014)

1. CONTRACTOR

1.1 Name and postal address of Contractor :

1.2 Name and telephone number of Contractor's contact person :

1.3 Contractor's compensation registration number :

1.4 Name and telephone number of Contractor's Construction Supervisor :

1.5 Physical address of the construction site or site office:

1.5 Estimated number of persons on the construction site :

1.6 Estimated number of Subcontractors on the construction site accountable to the Contractor :

2. EMPLOYER

2.1 Name and postal address of Employer :

2.2 Name and telephone number of Employer's Principal Agent:

3. DESIGN CONSULTANTS

3.1 Name and postal address of design consultants:

3.1.1 Construction project managers/ Principal Agents:

DINGAAN & ASSOCIATES
21 St James Road
Southernwood
East London
520
Tel: 083 284 1950
Fax:

3.1.2 Architects:

DINGAAN & ASSOCIATES
21 St James Road
Southernwood
East London
520
Tel: 083 284 1950
Fax:

3.1.3 Quantity Surveyor:

Agent's name : DURAPI CONSULTING
Telephone: 011 312 8599/ 060 770 4147
Facsimile:
Address :28 Bonza Bay Road, Beacon Bay, 5241

3.1.4 Structural engineer :

Agent's name : Leko Engineering
Telephone: 074 531 0037
Facsimile:
Address (physical): 63 LEEDS ROAD, MTHATHA

3.1.4 Electrical engineer:

Agent (3) is: MXN ELECTRICAL ENGINEERING
Agent's service: ELECTRICAL ENGINEERING
Telephone: 087 702 4198
Facsimile: 043 722 5339
Address 24 Botha Road, Selborne, East London

3.1.5 Civil engineer :
Agent's name : Leko Engineering
Telephone: 074 531 0037
Facsimile:
Address (physical): 63 LEEDS ROAD, MTHATHA

3.1.6 Security engineer :

3.1.7 Other (if any) :

3.2 Name and telephone number of design consultant's contact person :

3.2.1 Construction project managers/ Principal Agent :

AS PER ABOVE 3.1

3.2.2 Architects :

AS PER ABOVE 3.1

3.2.3 Quantity Surveyor:

AS PER ABOVE 3.1

3.2.4 Structural engineer :

AS PER ABOVE 3.1

3.2.5 Electrical engineer :

AS PER ABOVE 3.1

3.2.6 Mechanical engineer :

AS PER ABOVE 3.1

3.2.7 Civil engineer :

AS PER ABOVE 3.1

3.2.8 Security engineer :

3.2.9 Other (if any) :

4. THE WORKS

Nature of the works:

Grade R Classroom Block (1 x classroom, 1 x store room, 1 x kitchen overall approximate size 108 square meters). Undercover play area (approximate size 16 square meters). Undercover sand pit (approximately size 12 square meters). VIP toilet block (3 x Pit Toilet) .Site works generally comprising of bulk earthworks, open walkways, concrete aprons, storm water channels, rainwater tanks on bases, 1 x elevated rainwater tank on stand, jungle gym, security fencing all round GRADE R and school perimeter and entrance structure. New building to have full electrical installation

Commencement date :

Completion date :

Contractor: _____ Date: _____

Employer: _____ Date: _____

THIS DOCUMENT IS TO BE FORWARDED TO THE OFFICE OF THE DEPARTMENT OF LABOUR **PRIOR TO COMMENCEMENT** OF WORK ON SITE.

ALL CONTRACTORS THAT QUALIFY TO NOTIFY MUST DO SO EVEN IF ANOTHER CONTRACTOR ON THE SITE HAD DONE SO PRIOR TO THE COMMENCEMENT OF WORK.

ADDENDUM C

Environmental Management Plan

TO BE PROVIDED BY THE SUCCESSFUL BIDDER

ADDENDUM I

Drawings

See attached

Addendum J

ADDENDUM J

IDT Addendum to the JBCC



ADDENDUM

To the

**THE JBCC PRINCIPAL BUILDING
AGREEMENT**

NAME OF PROJECT: _____

INTRODUCTION

WHEREAS, the Independent Development Trust (“IDT”) made an Offer of Appointment and the Contractor has accepted such appointment subject to the conditions stipulated in the aforesaid Offer of Appointment Letter, which conditions include signing of the JBCC Agreement, Edition (hereinafter referred to as “Main Agreement”).

AND WHEREAS, this addendum shall form part of the Main Agreement between the Employer and the Contractor.

1. ADDENDUM TO THE MAIN AGREEMENT

- 1.1 This Agreement will constitute an Addendum to the Main Agreement as contemplated herein;
- 1.2 The Terms of Reference, Accepted Proposal or Bid, Standard Conditions of Bid, Special Conditions of Bid and adjusted Priced Bills of Quantities shall form part of the agreement between the Contractor and the Employer;
- 1.3 This Addendum will be deemed to incorporate, with or without variation, all the provisions of the Main Agreement, unless the context clearly requires otherwise;
- 1.4 All words and phrases used in this Addendum which are defined in the Main Agreement, will bear the same meaning assigned to them in the Main Agreement; and
- 1.5 All references in the Main Agreement to “the/this Agreement” itself, will be deemed to be references also to the Main Agreement duly amended by this Addendum.

1.6 Interpretations and Definition

1.6.01 **Financial Implications** shall mean the variation amount over and above the awarded contract sum.

2. SPECIAL CONDITION

If there is any conflict between the contents or any part of this Addendum and the contents or any part of the Main Agreement and other annexures, the content of this Addendum shall prevail.

3. WAIVER OF CONTRACTOR'S LIEN

3.1 The Contractor hereby waives, in favour of the Employer, any lien or right of retention that is or may be held in respect of the Works to be executed on the Site.

3.2 The Employer, as an Organ of State, shall not be required to provide payment guarantees.

4. ASSIGNMENT OF RIGHTS OR OBLIGATIONS

4.1 Neither **party** shall assign or cede rights or obligations without the written consent of the other **party**, which consent shall not be unreasonable withheld.

4.2 Where the Contractor intend to cedes any right to monies due or to become due under this agreement as security in favour of a financial institution, a written consent in accordance with clause 4.1 above, shall be obtained from the Employer prior to entering into such cession.

4.3 Any cession entered into without the necessary written consent from the either party, shall be null and void.

4.4 The Employer shall not consent to a cession of monies due or to become due under this agreement as security in favour of a financial institution, unless such financial institution submitted to the IDT a Valid Tax Clearance Certificate, is registered as a credit provider in terms of the National Credit Act and as a vendor in the IDT's Vendor Management System.

5 INTERIM PAYMENT

- 5.1 The **Employer** shall, in accordance with clause 8.2.3 of the treasury regulation of March 2005, pay to the **Contractor** the amount certified in an interim **payment certificate** within **thirty (30) calendar days** of the date of submission of the **payment certificate**".
- 5.2 Default interest, where applicable, shall only be effective after the 30 calendar days of the date of receipt of the interim **payment certificate from the Principal Agent**.
- 5.3 The Employer shall be entitled to apply a set-off against a legitimate and liquid claim against the Contractor from which a valid invoice has been received.

6 TAX COMPLIANCE MEASURES

- 6.1 The Contractor hereby grant confirmation that SARS may, on on-going basis during the contract term, disclose the Contractor's tax compliance status to the employer.
- 6.2 Should the Contractor appoint a sub-contractor to execute a portion of a work in excess of the threshold (currently 25%) prescribed by the National Treasury, the Contractor must ensure that a sub-contractor is tax compliant and remains tax compliant for the full duration of the contract. The contractor shall obtain a written consent from its sub-contractors confirming that SARS may on on-going basis during the contract term, disclose the sub-contractor's tax compliance status to the employer.
- 6.3 The Contractor shall submit a valid tax clearance certificate within 10 working days from the date of expiry of the tax clearance certificate. The Employer reserve the right to demand a valid Tax Clearance Certificate prior to making any payment to the Contractor, should it become aware that the tax clearance corticated has expired.

- 6.4 Unless the Employer receive a written confirmation that the Contractor has challenged its tax compliance status with SARS, the Employer shall not process any payment to the Contractor, if 30 days has lapsed since the written notice by the Employer and the Contractor has failed to remedy its tax compliance status.
- 6.5 Employer's non-payment of the Contractor's invoice in accordance with clause 6.4 above shall not absolve the contractor from performing its obligation in terms of the contract.
- 6.6 Unless the Employer receives a written confirmation that the Contractor or sub-Contractor has challenged its tax compliance status with SARS, the Employer shall be entitled to cancel the contract with the Contractor or instruct the Contractor to cancel its contract with the Sub-Contractor.
- 6.7 Where a Contractor is a JV, each party to a JV must be tax complaint and remains tax compliant for the full duration of the contract, failing which, the Employer shall invoke paragraph 6.4 or 6.6 above.

7. APPROVAL OF VARIATION ORDERS

- 7.1 Upon receipt of the Variation Order (VO), the Principal Agent must professionally consider the merits of the Variation Order and make a recommendation to the Employer.
- 7.2 The Principal Agent shall not have the power to approve any deviation or variation which has financial implications on the Employer without the necessary written approval of the Employer, except under emergency circumstances wherein failure to undertake the work may result in loss of life.
- 7.3 The Employer must communicate the approval of a Variation Order in writing to the Principal Agent and the Principal Agent shall, upon receipt of confirmation of the approval of the VO, issue the necessary Contract Instruction to the contractor to undertake the works.
- 7.4 The Contractor shall not commence with any Variation Order Works without the written approval of the Variation Order from the Employer, except under circumstances mentioned in paragraph 7.2 above.

- 7.5 Should the Contractor undertakes the Variation Order Works without the necessary written approval of the Variation Order from the Employer, the Contractor shall be entirely liable for any financial and any related implications and hereby indemnify and hold harmless the Employer from and against any and all claims, actions, damages, liabilities, injuries, costs, fees, expenses, or losses, including and without limitation, reasonable attorney's fees and costs of investigation and litigation, whatsoever which may be incurred by, or for which liability may be asserted against, the Employer arising out of the Contractor's performance or non-performance of unauthorized works, but only to the extent caused by the negligent acts, errors or omissions of the Contractor.
- 7.6 The Contractor shall not accept any instructions from any party, including beneficiary Department, other than the Principal Agent.

8. JOINT VENTURE AGREEMENT

- 8.1 Should the Joint Venture Agreement be dissolved or any of the JV partner pull out the JV Agreement for any reasons whatsoever, the Employer hereby reserve its right to terminate the contract with immediate effect.
- 8.2 Should the Employer decide not to terminate the contract upon the dissolution of the JV Agreement and the replacement JV partner does not meet the BBBEE threshold stipulated in the Bid document, the IDT shall be entitled to cancel the contract with immediate effect.
- 8.3 Should the BBBEE status of the Joint Venture be changed to a lower rate than the bidding rate, based on legislation applicable at the closing date of the
- 8.4 Bid, the IDT shall be entitled to cancel the contract.

9. BREACH

9.1 In the event that the contractor: -

9.1.1 commits an act of insolvency; or

9.1.2 is placed under a provisional or final winding-up or judicial management order; or

9.1.3 is placed under or applied for business rescue; or

9.1.4 makes an assignment of more than 25% of either its right and/or its obligation for the benefit of the third party without the written consent of the employer; or

9.1.5 the Contractor is registered or fails to renew his registration with the CIDB or changes directorship during the course of the project, resulting in the contravention of BBBEE statutory requirement; or

9.1.6 fails to satisfy or take steps to have set aside any judgment taken against it within 14 (Fourteen) business days after such judgment has come to its notice,

then the other Employer will be entitled to terminate the Agreement on written notice.

Signed at on this the day of**202..**

AS WITNESSES:

1. _____

For and on behalf of the **Employer:**
(.....), in his/her
capacity as the -----

2. _____

For and on behalf of the **Employer:**
(.....), in his/her
capacity as the -----
-----.

Signed at on this the day of202...

AS WITNESSES:

3. _____

4. _____

For and on behalf of the
Contractor:
.....
in his/her capacity as
.....,
who hereby confirm that he/she is
duly authorized.

