

Item No	Description	Quantity	Rate	Amount
	<u>BILL NO. 1</u>			
	<u>PRELIMINARIES</u>			
	<u>NOTES TO PRELIMINARIES</u>			
	NOTE : <u>TENDERERS ARE TO PRICE PRELIMINARIES BASED ON THE TERMS, INSTRUCTIONS AND CONDITIONS OF THE CONTRACT AND BILLS OF QUANTITIES INCLUDED HEREIN</u>			
	<u>STRUCTURE OF THIS PRELIMINARIES BILL</u>			
	Section A : A recital of the headings of the individual clauses			
	Section B : A recital of the headings of the individual clauses of the aforementioned Preliminaries document			
	Section C : Any special clauses to meet the particular circumstances of the project			
	<u>SECTION A: PRINCIPAL BUILDING AGREEMENT</u>			
1.1.1	Clause 1.0 - Definitions and interpretation F:..... V:..... T:.....	Item		
1.1.2	Clause 2.0 - Law, regulations and notices			
1.1.3	Clause 3.0 - Offer and acceptance F:..... V:..... T:.....	Item		
1.1.4	Clause 4.0 - Assignment and cession F:..... V:..... T:.....	Item		
1.1.5	Clause 5.0 - Contract documents			
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	F:..... V:..... T:.....	Item		
1.1.6	Clause 6.0 - Employer's agents			
	F:..... V:..... T:.....	Item		
1.1.7	Clause 7.0 - Design responsibility			
	F:..... V:..... T:.....	Item		
	<u>Insurance and security (A8-A11)</u>			
1.1.8	Clause 8.0 - Works risk			
	F:..... V:..... T:.....	Item		
1.1.9	Clause 9.0 - Indemnities			
	F:..... V:..... T:.....	Item		
1.1.10	Clause 10.0 - Insurances			
	F:..... V:..... T:.....	Item		
1.1.11	Clause 11.0 - Security			
	F:..... V:..... T:.....	Item		
	<u>Execution (A12 - A17)</u>			
1.1.12	Clause 12.0 - Duties of the parties			
	F:..... V:..... T:.....	Item		
1.1.13	Clause 13.0 - Setting out			
	F:..... V:..... T:.....	Item		
1.1.14	Clause 14.0 - Nominated subcontractors			
	F:..... V:..... T:.....	Item		
1.1.15	Clause 15.0 - Selected subcontractors			
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1.1.16 Clause 16.0 - **Direct contractors**

Attendance on direct contractors

In respect of **direct contractors** the **contractor** shall:

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1.1.17 Clause 17.0 - **Contract instructions**

Site instructions

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

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Completion (A18 - A24)

1.1.18 Clause 18.0 - Interim completion

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1.1.19 Clause 19.0 - **Practical completion**

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1.1.20 Clause 20.0 - Sectional completion

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1.1.21 Clause 21.0 - **Defects** liability period and **final completion**

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1.1.22 Clause 22.0 - **Latent defects** liability period

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1.1.23 Clause 23.0 - Revision of date for **practical completion**

Substitution of materials and goods

The removal or substitution of any **materials and goods** which do not conform to the specification or the **contract drawings** shall not constitute grounds for the extension of the **construction period** nor for the adjustment of the **contract value** [17.1.8, 23.1 & 2]

In assessing his price and programme for the works to be completed by the given practical completion date/s (refer to Contract Data EC), the contractor shall take into account and shall **allow 10 working days to be included in his construction programme** (based on a five day working week), as a contingency period to cover any items such as rain & other delays. This contingency period will be used at the discretion of the Principal Agent

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1.1.24 Clause 24.0 - **Penalty** for late or non-completion

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Payment (A25 - A27)

1.1.25 Clause 25.0 - Payment

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1.1.26 Clause 26.0 - Adjustment of the **contract value** and **final account**

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1.1.27 Clause 27.0 - Recovery of expense and/or loss

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Suspension and termination (A28 - A29)

1.1.28 Clause 28.0 - Suspension by the **contractor**

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1.1.35 Clause 2.3 - Availability of **construction information**

Budgetary allowances and provisional sums

The **budgetary allowances** and/or **provisional sums** allocated for subsequent trades included in this **agreement** will be separately procured, based on multiple procurement of **subcontractors** during the **construction period**

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The construction documentation for the works is not complete and will only be completed during the construction period. The contractor and principal agent shall work together to identify the requirements for the provision of construction documentation. The contractor and principal agent shall agree the dates that are reasonable by when the contractor is to be provided with each outstanding item of the anticipated construction documentation.

The contractor and n/s subcontractor shall agree dates by when the n/s subcontractor is to be provided with each item of the outstanding documentation in terms of the programme.

1.1.36 Clause 2.4 - Ordering of **materials and goods**

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Previous work and adjoining properties (B3)

1.1.37 Clause 3.1 - Previous work - dimensional accuracy

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	<p>The contractor shall, within a reasonable period after taking possession of the site, but not exceeding ten (10) per cent of the construction period or twenty (20) working days whichever is the lesser, check the existing levels, lines, profiles and the like affecting the works and satisfy himself as to the dimensional accuracy of work previously executed. The contractor shall forthwith notify the principal agent and request a contract instruction regarding any dimensional inaccuracy found in work previously executed</p>			
1.1.38	<p>Clause 3.2 - Previous work - defects</p> <p>F:..... V:..... T:.....</p> <p>The contractor, on becoming aware of a defect in work previously executed, shall forthwith notify the principal agent requesting a contract instruction regarding such a defect.</p>	Item		
1.1.39	<p>Clause 3.3 - Inspection of adjoining properties</p> <p>F:..... V:..... T:.....</p> <p>Before commencing the works, the principal agent and contractor shall arrange with the owners of adjacent buildings and properties and representatives of local authorities to inspect, among others, the buildings, structures, pavings, kerbs, channels and fences. The contractor shall record all conditions that the works could affect and copy the principal agent accordingly. The contractor shall pay particular attention to cracks, defects and existing levels related to structures, pavings, kerbs, channels and fences, which later could be claimed to have been caused or disturbed by the works.</p> <p>Where instructed by the principal agent, levels and photographs shall be taken by the contractor and the cost thereof shall be for the employer's account. Certified copies shall be lodged with the principal agent.</p>	Item		
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	<u>The site (B4)</u>			
1.1.40	Clause 4.1 - Defined works area F:..... V:..... T:.....	Item		
1.1.41	Clause 4.2 - Handover of site in stages F:..... V:..... T:.....	Item		
1.1.42	Clause 4.3 - Enclosure of the works F:..... V:..... T:.....	Item		
1.1.43	Clause 4.4 - Geotechnical investigation F:..... V:..... T:.....	Item		
1.1.44	Clause 4.5 - Encroachments F:..... V:..... T:.....	Item		
1.1.45	Clause 4.6 - Existing premises occupied F:..... V:..... T:.....	Item		
1.1.46	Clause 4.7 - Services - known F:..... V:..... T:.....	Item		
1.1.47	Clause 4.8 - Protection of trees and/or relevant natural features F:..... V:..... T:.....	Item		
	<u>Management of contract (B5)</u>			
1.1.48	Clause 5.1 - Management of the works F:..... V:..... T:.....	Item		
1.1.49	Clause 5.2 - Progress meetings F:..... V:..... T:.....	Item		
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1.1.50	Clause 5.3 - Technical meetings F:..... V:..... T:..... <u>Samples, shop drawings and manufacturer's instructions (B6)</u>	Item		
1.1.51	Clause 6.1 - Samples of materials F:..... V:..... T:.....	Item		
1.1.52	Clause 6.2 - Workmanship samples F:..... V:..... T:.....	Item		
1.1.53	Clause 6.3 - Shop drawings F:..... V:..... T:.....	Item		
1.1.54	Clause 6.4 - Compliance with manufacturer's instructions F:..... V:..... T:..... <u>Deposits and fees (B7)</u>	Item		
1.1.55	Clause 7.1 - Deposits and fees F:..... V:..... T:..... <u>Temporary services (B8)</u>	Item		
1.1.56	Clause 8.1 - Water F:..... V:..... T:.....	Item		
1.1.57	Clause 8.2 - Electricity F:..... V:..... T:.....	Item		
1.1.58	Clause 8.3 - Ablution and welfare facilities F:..... V:..... T:.....	Item		
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1.1.59	Clause 8.4 - Communication facilities F:..... V:..... T:..... <u>Prime cost amounts (B9)</u>	Item		
1.1.60	Clause 9.1 - Responsibility for prime cost amounts <i>Where details of materials for which prime cost amounts are to be allowed <u>are</u> readily available, the quantity surveyor may elect to insert the relevant prime cost amounts in measured items, which measured items shall contain sufficient detail for the contractor to price for fixing and installation, waste, etc</i> F:..... V:..... T:..... <u>Attendance on subcontractors (B10)</u>	Item		
1.1.61	Clause 10.1 - General attendance F:..... V:..... T:.....	Item		
1.1.62	Clause 10.2 - Special attendance <u>General (B11)</u>			
1.1.63	Clause 11.1 - Protection of the works F:..... V:..... T:.....	Item		
1.1.64	Clause 11.2 - Protection/isolation of existing/sectionally occupied works F:..... V:..... T:.....	Item		
1.1.65	Clause 11.3 - Security of the works F:..... V:..... T:.....	Item		
1.1.66	Clause 11.4 - Notice before covering work F:..... V:..... T:.....	Item		
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1.1.67	Clause 11.5 - Disturbance F:..... V:..... T:..... Clause 11.6 - Environmental disturbance F:..... V:..... T:.....	Item		
1.1.68	Clause 11.7 - Works cleaning and clearing F:..... V:..... T:.....	Item		
1.1.69	Clause 11.8 - Vermin F:..... V:..... T:.....	Item		
1.1.70	Clause 11.9 - Overhand work F:..... V:..... T:.....	Item		
1.1.71	Clause 11.10 - Tenant installations by direct contractors F:..... V:..... T:.....	Item		
1.1.72	Clause 11.11 - Advertising F:..... V:..... T:.....	Item		
	<u>Preliminaries schedule (B12)</u>			
	12.1 - Provisional bills of quantities [2.2]			
	Yes			
	12.2 - Availability of construction information [2.3]			
	No			
	12.3 - Previous work - dimensional accuracy [3.1] Yes			
	12.4 - Previous work - defects [3.2]			
	12.5 - Inspection of adjoining properties [3.3] Yes			
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12.6 - Defined works area [4.1] Yes			
12.7 - Handover of site in stages [4.2] Yes			
12.8 - Enclosure of the works [4.3] Yes			
12.9 - Geotechnical investigation [4.4] Yes			
12.10 - Existing premises occupied [4.6] No			
12.11 - Services - known [4.7] Yes			
12.12 - Protection of trees and/or relevant natural features [4.8] Yes			
12.13 - Water [8.1]			
Option A (by contractor)			
No			
Option B (by employer - free of charge)			
No			
Option C (by employer - metered)			
Yes			
12.14 - Electricity [8.2]			
Option A (by contractor)			
No			
Option B (by employer - free of charge)			
No			
Option C (by employer - metered)			
Yes			
12.15 - Ablution and welfare facilities [8.3]			
Option A (by contractor)			
Yes			
Option B (by employer)			
No			
12.16 - Communication facilities [8.4]			
12.17 - Protection of the works [11.1]			

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	12.18 - Protection/isolation of existing/sectionally occupied works [11.2]			
	No			
	12.19 - Disturbance [11.5]			
	12.20 - Environmental disturbance [11.6]			
	F:..... V:..... T:.....	Item		
	<u>SECTION C: SPECIFIC PRELIMINARIES</u>			
	The warranty will not be enforced if the work is damaged by defects in the execution of the works , in which case the responsibility for replacement shall rest entirely with the contractor			
	F:..... V:..... T:.....	Item		
1.1.73	Overtime			
	Should overtime be required to be worked for any reason whatsoever, the cost of such overtime is to be borne by the contractor unless the principal agent has specifically authorised, prior to execution thereof, that costs for such overtime are to be borne by the employer			
	F:..... V:..... T:.....	Item		
1.1.74	Co-operation of the 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 contract value does not exceed the budget			
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1.1.75 Overloading

The **contractor** shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the **works** or temporary works eg scaffolding, etc. The **contractor** shall submit details of his proposed loading, storage, plant erection, etc to the **principal agent** for approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the **principal agent's** requirements in connection with the provision of temporary support work, etc. Any damage caused to the **works** by overloading shall be made good by the **contractor** at his sole expense

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1.1.76 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**

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1.1.77 Testing of flat roof waterproofing for watertightness

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 forty (40) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing

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1.1.78 Advertising rights

The **employer** may elect to contract with advertising agencies for the erection of advertising hoardings, banners, wraps or the like for the duration of the contract. The **contractor** shall not prevent such an arrangement and will assist in the facilitation of same. Position and type of advertising structure to be agreed with the **principal agent** so as not to hinder the **contractor** in meeting the obligations under this **agreement**

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1.1.79 Confidentiality

The **contractor** undertakes to maintain in confidence any and all information regarding this project and shall obtain appropriate similar undertakings from all **subcontractors** and suppliers. Such information shall not be used in any way except in connection with the execution of the **works**

No information regarding this project shall be published or disclosed without the prior written consent of the **employer**

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1.1.80 Media releases

All rights of publication of articles in the media, together with any advertising relating thereto or in any way connected with this project, shall vest with the **employer**

The **contractor** together with his **subcontractors** shall not, without the prior written consent of the **employer**, cause any statement or advertisement connected with this project to be printed, screened or aired by the media

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1.1.81 Tenderers are to allow opposite each item for all costs in connection therewith. All prices to include, unless otherwise stated, for all materials, fabrication, conveyance and delivery, unloading, storing, unpacking, hoisting, labour, setting, fitting and fixing in position, cutting and waste (except where to be measured in accordance with the Standard System of Measurement) patterns, models and templates, plant, temporary works, returning of packing, duties, taxes, imposts, establishment charges, overheads, profit and all other obligations arising out of the agreement.

Items left unpriced will be deemed to be covered in prices against other items throughout these bills of quantities and no claim for any extras arising out of the tenderer's omission to price any item will be entertained.

Prices for all plant, temporary works, services and other items provided shall include for the supply, maintenance, operating cost and subsequent removal and making good as necessary.

The contractor shall execute work during "overtime" hours as necessary in order to complete the project within the agreed construction period and shall provide such resources and work such overtime hours as necessary. Costs for the execution of this work under these conditions shall be included within the contract sum.

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1.1.82 Tenderers are advised that the nature of this contract is such that the detail design will evolve in parallel with construction.

The Tenderer acknowledges that he is aware that the project detail design and related planning and production of drawings are in an embryonic stage and that the appointments of major selected/nominated subcontractors have yet to take place and that notwithstanding this, the rates and prices contained herein, shall remain of full force and effect.

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1.1.83	All costs incurred by the contractor in the preparation of claims to the satisfaction of the principal agent and/or quantity surveyor shall be borne by the contractor. The contractor shall provide a written opinion on all claims, including those submitted by selected/nominated subcontractors, pertaining to reduced time available for execution of the relevant work, out-of-sequence working, lack of access or claims of a similar nature.	Item		
1.1.84	<p>Submission of a tender shall be deemed as acceptance by the contractor that he is satisfied with the scope of the insurances effected by the employer, supplemented by any additional insurance considered necessary by himself.</p> <p>The employer warrants that the insurances effected by him shall remain in force for the duration of the contract including the period of maintenance.</p> <p>Any clarification of the scope of cover provided by the policies arranged by the employer should be obtained from the employer's insurance brokers.</p> <p>The contractor warrants that he shall give all notices and shall observe all the terms and conditions and requirements of all insurances applicable to this contract.</p> <p>Where the contractor is responsible for the appointment of sub-contractors, then the contractor shall:</p> <p>i) ensure that potential and appointed subcontractors are aware of the whole content of Clauses A10.0, A11.0 and A12.0</p> <p>ii) ensure the compliance of subcontractor with these Clauses where applicable.</p>	Item		
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- 1.1.85 In the event of any occurrence which is likely to give rise to a claim under the insurances arranged by the employer, the contractor / subcontractor shall :-
- i) In addition to any statutory requirement or other requirements contained in the agreement, immediately notify the employer's insurance brokers by telephone or telefax, giving the circumstances, nature and an estimate of the loss or damage or liability;
 - ii) Complete a claims advice form per Annexure "L", in conjunction with both the principal agent and the employer and return it to the insurance brokers without delay;
 - iii) Assist as required, in negotiations of the settlement of claims with the insurers through the employer's insurance brokers.

The employer shall have the right to make all and any enquiry on the site or elsewhere as to the cause and results of any such occurrence and the contractor shall give the employer and his insurers full facilities for carrying out such enquiries.

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- 1.1.86 Copies of the structural engineer's drawings showing the positions of construction breaks and the extent of individual concrete pours are to be maintained by the contractor for record purposes and are to be submitted to the structural engineers for their records, at the end of the project.

All such as-built drawings are required to be lodged prior to the issue of the certificate of works completion (refer Clause A25 hereof).

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1.1.87	<p>The contractor shall obtain and hand over to the principal agent on practical completion, all relevant guarantees and operating and maintenance manuals, as required by the principal agent or provided by manufacturers, suppliers or subcontractors.</p> <p>The contractor shall ensure that all warranties and guarantees received are fully ceded to the employer on works completion, failing which, the issue of the works completion certificate and the release of construction guarantee, will be withheld until this is satisfactorily completed.</p> <p>The guarantees shall state that workmanship, materials and installations are guaranteed for a specified period reckoned from the date of practical completion of the works and that any defects in the workmanship, materials and installation that may arise during that period, shall be made good at the expense of the contractor / subcontractors doing the work, upon written notice from the principal agent or the employer to do so.</p>	Item		
1.1.88	At completion, the contractor shall leave the works secure with all accesses locked. The contractor shall account for and hand over to the principal agent all keys, properly labelled with an itemised schedule to be signed by the principal agent as receipt.	Item		
1.1.89	The contractor shall take all appropriate measures for general security of the works	Item		
1.1.90	The contractor shall give adequate notice to the principal agent whenever any work or material which is subject to inspection or remeasurement is to be covered or concealed in any way. In default of such a notice being received timeously by the principal agent such work shall be exposed and later made good at the contractor's expense.	Item		
1.1.91	The contractor shall execute the works with a minimum of disturbance to adjoining premises, any parts of the works already handled over and the occupants of those premises and/or parts.	Item		
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1.1.92	The contractor shall execute the works without any unreasonable adverse effect on the environment.	Item		
1.1.93	The contractor shall produce, when required to do so by the principal agent, a method statement outlining the methods of construction and labour and plant resources that he proposes to use in the execution of the works. Any approval given or observation made by the principal agent shall not relieve the contractor of his sole responsibility to adopt the methods of construction and to provide the labour and plant resources necessary for the due and proper timeous execution of the works.	Item		
1.1.94	The contractor shall take all necessary steps to ensure that no damage occurs due to overloading of any portion of the works or temporary works, scaffolding, etc. The contractor shall submit details of his proposed loading, storage, plant erection, etc., to the principal agent for their approval prior to proceeding with such loading, storing or erecting and shall comply with and pay for the principal agents requirements in connection with the provision of temporary support work, etc. Any damage caused to the works by overloading shall be made good by the contractor at his sole experience.	Item		
1.1.95	The contractor shall take all reasonable measures to ensure that all alteration works are structurally practicable and safe. The contractor shall provide and price under the relevant demolition item, for all necessary temporary propping and support which may be required.	Item		
1.1.96	The contractor shall remove from the site all materials not conforming with the relevant specification and condemned by the principal agent, whether incorporated in the works or not. He shall replace such material and re-execute the affected work in accordance with the contract and without expense to the employer.	Item		
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1.1.97	<p style="text-align: right;">Brought forward</p> <p>Notwithstanding anything to the contrary contained herein, the principal agent at all times reserves the right to direct the order in which the various parts of the contract are to be executed. The contractor shall give priority to any individual section or portion of the works that, in the opinion of the principal agent, requires to be expedited.</p> <p>Should the contractor and/or principal agent be of the opinion that such instruction warrants a revision to the contract programme, then the provisions of Clause A15.6.6 hereof shall apply.</p> <p>Should it appear, in the principal agent's opinion, that work in any area is not being executed in accordance with the requirements of the programme, the contractor shall provide additional manpower and resources and shall work additional overtime and do everything else required to bring the work back to programme to the satisfaction of the principal agent.</p> <p style="text-align: right;">Carried forward</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES Prasa</p>	Item	R	
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1.1.98 The contractor shall indemnify the principal agent against any action, claim, demand, costs or expenses arising from or incurred by reason of 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 or part thereof otherwise than in accordance with the provisions of the specification.

All payments and royalties payable in one sum or by instalments or otherwise, shall be included by the contractor in the price and shall be paid by him to those to whom they may be due or payable.

In the event of any claim being made or action brought against the principal agent arising out of the matter referred to in this clause, the contractor shall be promptly notified thereof and may, at his own expense, conduct negotiations for the settlement of the same and/or litigation, that may arise therefrom. The principal agent shall not, unless and until the contractor shall have failed to take over and conduct the negotiations of litigation, make any admission which might be prejudicial thereto.

The conduct by the contractor of such negotiations or litigation shall be conditional upon the contractor having first given the principal agent such reasonable security as shall from time to time be required by the principal agent, to cover the amount ascertained or agreed or estimated, as the case may be, or any compensation, damage, expenses and costs for which the principal agent may become liable in respect of such infringement as aforesaid. The principal agent shall, at the request of the contractor, afford all available assistance for the purpose of contesting any such claim or action and shall be repaid the expenses incurred in doing so.

The conduct by the contractor of such negotiations or litigation shall be conditional upon the contractor having first given the principal agent such reasonable security as shall from time to time be required by the principal agent, to cover the amount ascertained or agreed or estimated, as the case may be, or any compensation, damage, expenses and costs for which the principal

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agent may become liable in respect of such infringement as aforesaid. The principal agent shall, at the request of the contractor, afford all available assistance for the purpose of contesting any such claim or action and shall be repaid the expenses incurred in doing so.

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1.1.99 Note : The contractor is to ensure that the following requirements, as stated in the subcontractor documentation in respect of specialist equipment and services installations by specialist subcontractors under his control, are adhered to:

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1.1.100 All specialist plant and equipment, subject to the principal agents sole discretion, is subject to acceptance tests, which shall be arranged in the works of the subcontractor / supplier within 10 days of notification that such plant or equipment is available for testing . The subcontractor shall inform the principal agent in writing, indicating the exact dates for these acceptance tests during the course of the last month of manufacture of such plant or equipment.

In the event that the principal agent or his representatives cannot witness such tests, the employer may:

i) appoint a specialist inspection organisation to witness such tests at his expense on behalf of the principal agent or his representatives.

OR

ii) accept the subcontractors certificate testifying as to the quality and performance of the specialist plant / equipment so supplied.

Should no inspection have been made by the date indicated by the subcontractor as set out above, the equipment will be deemed as accepted and packed accordingly for delivery.

The final acceptance will take place on site in the presence of the subcontractor responsible for the commissioning of the equipment. The

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principal agents representative shall also be present.

The subcontractor shall demonstrate to the principal agent the full scope of operation of the installation and shall ensure that he is satisfied that the principal agent is fully aware of all the operational aspects of the installation prior to handover at practical completion stage.

The principal agents shall be afforded access at all reasonable times to such part of the works on site or at the subcontractor's premises or the premises of the manufacturer of component parts, as may be necessary for the purpose of inspecting, examining and testing the materials, workmanship and performance of any plant or equipment for the works.

The subcontractor shall be responsible for the tests required by any local statute, building regulation, etc.

Any breakdown or mechanical failure and any damage or consequential losses which may arise from such breakdown, mechanical or structural failure, will be the responsibility of the subcontractor.

Item

1.1.101

The efficiency of the design is the responsibility of the subcontractor who shall ensure that the quality of workmanship and the installation of equipment meets the requirements of the specification and is done in such a manner that the equipment performance meets with the figures published by the manufacturers an/or suppliers. The subcontractor, by entering into this contract, shall be deemed to have offered his services, workmanship, materials and equipment to meet the requirements of the specification and shall further be deemed to have ensured that the suppliers and manufacturers of the equipment installed by him under this contract, have manufactured and supplied such equipment to perform within the recommended limits of the manufacturer's design and performance figures, as well as to comply with the specification supplied.

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1.1.102 The subcontractor shall guarantee the complete installation for a period of one year from the date of acceptance of the installation by the principal agent against defects as a result of patent or latent defects of the design and apparatus, as well as against faulty materials and workmanship. The guarantee must provide that all parts, spares, consumables and appurtenances that become defective during the guarantee period, be replaced free of charge of any nature to the employer. The costs of labour and transportation required to replace such part of a defective installation, shall be borne by the subcontractor and shall be included in his guarantee.

The expiry of the one year guarantee period shall in no way relieve the subcontractor of any of his obligations and/or responsibilities in respect of latent defects in terms of Clause A27 hereof.

The subcontractor shall cede to the employer the remainder of any equipment guarantee which he has received from his suppliers and which extends beyond the period of twelve months mentioned herein.

Item

1.1.103 The subcontractor shall commission and test the entire installation at his own expense, including provision of all test equipment. Such testing is to be done in the presence of the principal agent, who shall have been notified of the dates and approximate duration of the tests, sufficiently in advance so as to allow attendance at such tests

Item

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

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KNIGHTS TRAIN STATION
PRASA - CORRIDOR 2A - REV 1
ALTERNATIVE BUILDING TECHNOLOGY (ABT)

Item No	Description	Quantity	Rate	Amount
	<p><u>BILL NO. 2</u></p> <p><u>ALTERNATIVE BUILDING TECHNOLOGY (DESIGN AND SUPPLY)</u></p> <p>The Tenderer is referred to the relevant Clauses in the separate document Model Preambles for Trades (2008 Edition)</p> <p><u>SUPPLEMENTARY PREAMBLES</u></p> <p><u>Site Visit</u></p> <p>The tenderers are advised to visit the site and acquaint themselves fully as to the conditions on site as no claims for extras in this regard will be entertained</p> <p><u>Note: Tenderers are to refer to the following drawing numbers when pricing items below:</u> <u>PR2209-GL-0000-A-A</u> <u>PR2209-GL-0001-A-A</u> <u>PR2209-GL-0002-A-A</u> <u>PR2209-GL-0003-A-A</u> <u>PR2209-GL-0004-A-A</u> <u>PR2209-GL-0005-A-A</u> <u>PR2209-GL-0006-A-A</u></p> <p><u>Design, Supply and install movable shipping container buildings including modification, delivery to position on site (As per Project Managers instruction.</u></p>			
1.2.1	Design, Supply and Install overall size 3000mm long x 2400mm wide formed of shipping container comprising of Public Disabled toilet- Unisex, including all necessary sanware, fittings, etc. complete as per drawing	No	1	
1.2.2	Design, Supply and Install Ticket Verification Point (TVP) overall size 6000mm long x 2400mm wide formed of shipping containers. as per Architects drawing	No	1	
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	<p>Section No. 1</p> <p>Bill No. 2</p> <p>ALTERNATIVE BUILDING TECHNOLOGY (PROVISION Prasa</p>			

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ALTERNATIVE BUILDING TECHNOLOGY (ABT)

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1.2.3	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container comprising 2No female WC's, 2No Male WC;s, 1No Urinal, 1No Unisex Disabled WC, etc including all necessary fittings, etc complete - Staff Toilets as per Architects drawing	No	1		
1.2.4	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container comprising 3No female WC's, 2No Male WC;s, 2No Urinal, etc including all necessary fittings, etc complete - Public Toilets as per Architects drawing	No	1		
1.2.5	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container - Equipment Room as per Architects drawing	No	1		
1.2.6	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container including all necessary Joinery fitting, sink, etc. - Cleaners Storeroom as per Architects drawing	No	1		
1.2.7	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container including all necessary Joinery fitting, sink, etc. - Staff Kichenettes and Breakroom as per Architects drawing	No	2		
1.2.8	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container including all necessary Joinery fitting, Lockers, etc. - Staff Accommodation as per Architects drawing	No	1		
1.2.9	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container including all necessary Joinery fitting, Lockers, etc. - Security Accommodation as per Architects drawing	No	1		
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KNIGHTS TRAIN STATION
PRASA - CORRIDOR 2A - REV 1
ALTERNATIVE BUILDING TECHNOLOGY (ABT)

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1.2.10	Design, Supply and Install double story ticket office overall size 12000mm long x 2400mm wide formed of 2No shipping containers comprising of office cubicles, unisex toilets, kitchen, strongroom, ticket sales booths, etc, complete. The design to include the fixing of armoured proofing insulation to walls (strong room only), I Beams for fixing anti bandit doors, floor finishes, staircase, bullet resistance transaction window, etc as per Architects drawings	No	1		
1.2.11	Design, Supply and Install Ticket Verification Point (TVP 2) overall size 6000mm long x 2400mm wide formed of shipping containers - Security Accommodation. as per Architects drawing	No	1		RATE ONLY
1.2.12	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container including all necessary Joinery fitting, sanware, etc. - Guard Room	No	1		RATE ONLY
1.2.13	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container comprising of 1No Unisex Disabled WC, Supervisor's office, etc including all necessary fittings, etc complete - Supervisor as per Architects drawing	No	1		RATE ONLY
1.2.14	Design, Supply and Install overall size 6000mm long x 2400mm wide formed of shipping container comprising of Admin Store Room, Station Manager's office etc. including all necessary fittings, etc. complete - Manager's Office as per Architects drawing	No	1		RATE ONLY
1.2.15	Design, Supply and Install overall size 6000mm long x 4796mm wide formed of shipping container including all necessary Joinery fitting, sink, etc. - Staff Kichenettes and Breakroom as per Architects drawing	No	1		RATE ONLY
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ALTERNATIVE BUILDING TECHNOLOGY (ABT)

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PRASA - CORRIDOR 2A - REV 1
ALTERNATIVE BUILDING TECHNOLOGY (ABT)**

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	VALUE ADDED TAX		R
	TOTAL		R
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