

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

CONTRACT DRAWINGS

- 94 * Select relevant paragraph and delete whichever is not
of quantities or lump sum document
- * The drawings issued with the tender documents do not
purposes and for indicating the scope of the work to ena
the **works** and the manner in which they are to be execut
- * A full set of drawings is issued with the tender docume
acquaint himself with the nature and extent of the **works**
- Should any part of the drawings not be clearly understo
clarification in writing from the **principal agent**

- 95 F:..... V:.....
T:.....

Item

PREAMBLES

- 96 The document "Construction Works: Specifications: Ge
Department's website (<http://www.publicworks.gov.za/> ur
with the **bills of quantities** and be referred to for the full
- The document "Construction Works: Specifications: Parti
the drawings and shall be read in conjunction with the dra

- 97 F:..... V:.....
T:.....

Item

TRADE NAMES

- 98 Wherever a trade name for any product has been describ
the fact that any other product of equal quality may be
obtained prior to the closing date for submission of tender
- If prior written approval for an alternative product is not
tendered for

- 99 F:..... V:.....
T:.....

Item

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Section No. 1
Bill No. 1
PRELIMINARIES AND GENERAL

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
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<u>IMPORTED MATERIALS AND EQUIPMENT</u>			
100	Where imported items are listed in the tender document which the price of any such item, materials or equipment Imported Materials and Equipment DPW-23(EC) to be cor Notwithstanding any provisions elsewhere regarding the equipment listed in terms of this clause shall be excluded		
101	F:..... V:..... T:.....	Item	
<u>VIEWING THE SITE IN SECURITY AREAS</u>			
102	The site is situated in a security area and the tenderer must arrange with the unit commander or other responsible officer to obtain permission to enter the site for tendering purposes		
103	F:..... V:..... T:.....	Item	
<u>COMMENCEMENT OF WORKS IN SECURITY AREAS</u>			
104	As the works falls within a security area the contractor must give the unit commander or other responsible officer notice before commencement of the works . Should the contractor fail to make such arrangements, admission to the site may be refused and any additional costs will be for the contractor's account		
105	F:..... V:..... T:.....	Item	
<u>ENTRANCE PERMITS TO SECURITY AREAS</u>			
106	As the works falls within a security area the contractor shall obtain entrance permits for his personnel and workmen entering the area and shall comply with all regulations and instructions which may be issued from time to time regarding the protection of persons and property under the control of the Defence Force, Police or chief security officer	Item	
107	F:..... V:..... T:.....	Item	
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	<u>SECURITY CHECK OF PERSONNEL</u>			
108	<p>The principal agent may require the contractor to have classified</p> <p>In the event of the principal agent requesting the removal of the contractor shall do so forthwith and shall thereafter ensure that the contractor is removed from the site and/or to any document or information relating to the project.</p>			
109	<p>F:..... V:..... T:.....</p>	Item		
	<u>PROHIBITION ON TAKING OF PHOTOGRAPHS</u>			
110	<p>F:..... V:..... T:.....</p>	Item		
111	<p>In terms of article 119 of the Defence Act, 44 of 1957, it is prohibited for any person to take photographs of any building or civil works thereon or to be taken photographs except when authorized thereto by or on behalf of the principal agent.</p> <p>The same prohibition is also applicable to all correctional facilities under the provisions of the Correctional Act 8 of 1959.</p>			
	<u>HIV/AIDS AWARENESS</u>			
112	<p>It is required of the contractor to thoroughly study the specification and to ensure that it is incorporated into the contract. Provision for pricing of HIV/AIDS awareness is made under the contract. That all requirements of the aforementioned specification be the only method of measurement and no additional items be added.</p> <p>The contractor must take note that compliance with the specification is a condition of payment. In the event of non-compliance, the principal agent, notwithstanding anything to the contrary, reserves the right to delay issuing any certificate of payment until satisfactory proof of compliance is provided. The contractor shall not be entitled to any interest, due to such delay of payment.</p>			
	<u>AWARENESS CHAMPION</u>			
113	<p>Selection, appointment, briefing and making available of an Awareness Champion including provision of all relevant services, all in accordance with the HIV/AIDS Specification.</p>			
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	<p>Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL</p>		R	

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

AWARENESS WORKSHOPS

115 Selection and appointment of a competent Service Provider approved by the **principal agent**, provision of a Service Provider Workshop Plan and a suitable venue, conducting of awareness workshops by means of traditional and/or modern multi-media techniques, including follow-up courses, making available all tuition material and performing assessment procedures, all in accordance with the HIV/AIDS Specification

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

Item

POSTERS, BOOKLETS, VIDEOS, ETC.

117 Provision, displaying, maintaining and replacing when necessary of four plastic laminated posters, booklets and educational videos, etc. for the duration of the **construction period**, all in accordance with the HIV/AIDS Specification

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

ACCESS TO CONDOMS

119 Provision and maintenance of condom dispensers fixed in position, including male and female condoms, replenishing male and female condoms on a daily basis as required for the duration of the **construction period**, all in accordance with the HIV/AIDS Specification

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

MONITORING

121 Monitoring HIV/AIDS awareness of workers, providing the **principal agent** with access to information including making available all reports, thoroughly completed and reflecting the correct information, for the duration of the **construction period** and close out, all in accordance with the HIV/AIDS Specification

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

Item

OCCUPATIONAL HEALTH AND SAFETY ACT

123 The **contractor** shall comply with all the requirements
Occupational Health and Safety Act, 1993 (Act No 85 of

It is required of the **contractor** to thoroughly study the H&S Act
is deemed to be incorporated under this Section of the **bill**

The **contractor** must take note that compliance with the
Health and Safety Specification is compulsory. In the
notwithstanding the provisions of Clause A25.0 of Section
issuing any progress **payment certificate** until the **contractor**
shall not be entitled to any compensation of whatsoever

Provision for pricing of the Occupational Health and
Specification is made under this clause and it is explicit
deemed to be priced hereunder and no additional claims

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T:.....

Item

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125	<p><u>EMPLOYMENT AND TRAINING OF YOUTH WORKERS ON THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP)</u> <u>INFRASTRUCTURE PROJECTS: NATIONAL YOUTH SERVICE (NYS)</u></p> <p>The contractor shall comply with all the requirements Training of Youth Workers on the Expanded Public Works Service (NYS)" as attached to these bills of quantities</p> <p>The contractor shall identify a minimum number of youth labour rates for a minimum period and train them, all as in these bills of quantities / lump sum document</p> <p>The contractor shall liaise and co-ordinate with the employer priority list, the selection of youth workers, and the employment</p> <p>The contractor shall avail the services of an adequately act as their construction supervisor. The foreman will be workers and for addressing questions and issues that may</p> <p>Separate items which will be subject to remeasurement sum document to cover the direct costs associated with requirements in respect of the aforementioned specifications this regard shall be entertained</p>			
126	<p>F:..... V:..... T:.....</p>	Item		
	<p style="text-align: right;">Carried to Collection</p> <p>Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL</p>		R	

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<u>IMPLEMENTATION OF LABOUR-INTENSIVE INFRASTRUCTURE PROJECTS UNDER THE EXPANDED PUBLIC WORKS PROGRAMME (EPWP)</u>				
127	<p>The contractor shall comply with all the requirements Work for Special Public Works Programmes" issued in te of 1997)" and the related "Ministerial Determination", labour-intensive infrastructure project under the Expander</p> <p>The contractor shall maintain daily records with regard report to the principal agent in the prescribed format. expenditure, number of job opportunities created, demog rate, number of person-days of employment created and all as defined in the "Guidelines for the Implementation Public Works Programme (EPWP)"</p> <p>Provision for pricing of compliance with the aforementioned requirements in respect of the aforementioned are deem shall be entertained</p>			
128	<p>F:..... V:..... T:.....</p> <p><i>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</i></p>	Item		
129	<p>Warranties for materials and workmanship</p> <p>Where warranties for materials and/or workmanship are called for, the contractor shall obtain a written warranty, addressed to the employer, from the entity supplying the materials and/or executing the work and shall deliver same to the principal agent on final completion of the contract</p> <p>The warranty shall state that workmanship, materials and installation are warranted for a specific period from the date of practical completion and that any defects that may arise during the specified period shall be made good at the expense of the entity supplying the materials and/or doing the work, upon written notice to do so</p>			
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	<p>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</p> <p>F:..... V:..... T:.....</p>			
130	<p>Overtime</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item		
131	<p>Cooperation of the contractor for cost management</p> <p>It is specifically agreed that the contractor accepts the obligation of assisting the principal agent in implementing proper cost management. The contractor will be advised by the principal agent of all cost management procedures which will be implemented to ensure that the contract value does not exceed the budget</p> <p>F:..... V:..... T:.....</p>	Item		
132	<p>Overloading</p> <p>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</p> <p>F:..... V:..... T:.....</p>	Item		
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133	<p>Propping of floors below</p> <p>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</p> <p>F:..... V:.....T:.....</p>	Item		
134	<p>Testing of flat roof waterproofing for watertightness</p> <p>Flat roof waterproof areas shall be flooded and kept "ponded" for at least forty eight (48) hours as a test to ensure the watertightness of the waterproofing and before any further construction work is carried out above the waterproofing</p> <p>F:..... V:.....T:.....</p> <p>User note</p> <p><i>Insert the following where a health and safety specification is <u>not</u> yet available. Note that there is an obligation on the employer to ensure that the contractor has priced opposite this item for the compliance with the act and the regulations and the reasonable provisions of the health and safety specification</i></p>	Item		
135	<p>Health and safety</p> <p>Without limiting the generality of the provisions of clause 2.0, the contractor's attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. 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 specification [2.1]</p>			
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<p>Section No. 1 Bill No. 1 PRELIMINARIES AND GENERAL</p>				

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User note

Insert the following where a health and safety specification is available. Note that there is an obligation on the employer to ensure that the contractor has priced opposite this item for the compliance with the act and the regulations and the reasonable provisions of the health and safety specification

Health and safety

Without limiting the generality of the provisions of clause 2.0, the **contractor's** attention is drawn to the provisions of the Construction Regulations issued in terms of the Occupational Health and Safety Act, 1993 as amended. It is specifically stated that the **employer** shall prepare a documented health and safety specification for the **works** (refer to Annexure ? for a copy of the relevant specification) 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 provisions of the aforementioned health and safety specification [2.1]

The **contractor** shall:

1. Comply with the health and safety specification for the **works**
2. Prepare and agree with the health and safety consultant the health and safety plan for the **works**
3. Cooperate with the health and safety consultant in all respects
4. Manage the compliance of all subcontractors with the regulations and with the health and safety plan and specification
5. Conform to the conditions contained in the **employer's** health and safety specification

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136	<p>Green star building certification</p> <p><u>User note</u></p> <p><i>Insert the provisions called for by the relevant green star consultant should it be a requirement that the project be submitted for green star certification</i></p> <p>F:..... V:..... T:.....</p>	Item	
137	<p>Broad based black economic empowerment (BBBEE)</p> <p>Tenders submitted will be evaluated taking into account their empowerment rating</p> <p>The employer will be monitoring the broad based black economic empowerment (BBBEE) status of the contractor throughout the execution of the works</p> <p>The contractor is to submit to the principal agent on an annual basis a schedule of spend, split into vendors engaged as subcontractors and suppliers indicating their BBBEE rating including proof of the said rating</p> <p>F:..... V:..... T:.....</p>	Item	
138	<p>Advertising rights</p> <p>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. The position and type of advertising structure to be agreed with the principal agent so as not to hinder the contractor in meeting his obligations under this agreement</p> <p>F:..... V:..... T:.....</p>	Item	
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139 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**

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

Item

140 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

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

Item

PROTECTIVE CLOTHING FOR ON-SITE WORK

141 Leather safety boots

Pairs

20.0

142 N95 Masks

No

20

143 Leather gloves

No

20

144 Reflective poly-cotton work suits

No

20

SUMMARY OF CATEGORIES

Category : Fixed R.....

Category : Value R.....

Category : Time R.....

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BUILDING RELATED . ELECTRICAL AND MECHANICAL SERVICE

Section No. 2
Bill No. 1
ALTERATIONS

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
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<u>Taking up and removing roof covering, etc and preparing the trusses for new coverings</u>				
3	Roof covering with pitch not exceeding 25 degrees.	m2	3 857	
4	Roof covering with pitch 45 degrees.	m2	133	
<u>Taking up and removing vinyl floor coverings, carpeting, etc and preparing the floor for new vinyl tiles</u>				
5	Carpeting floor covering including preparing screed for new ceramic tiles	m2	425	
<u>Taking down and removing roofs, floors, panelling, ceilings, partitions, etc</u>				
6	1200 x 600 x 6mm " Nutech" fibre cement suspended ceiling panels on pre-painted exposed tees suspension system including main and cross tees, hangers, grids , etc	m2	233	
<u>Hacking up/off and remove ceramic tiles including mortar bed or adhesives from the concrete or brickwork and preparing the surface for new screed, plaster, tile finish etc</u>				
7	Tiles to floors	m2	553	
8	Tiles to walls	m2	100	
<u>Taking out and removing sundry joinery work</u>				
9	Timber skirtings from brickwork	m	113	
<u>Stripping off epoxy and prepare the floor for new screed and new epoxy finish (elsewhere measured)</u>				
10	To floors and slabs	m2	2 225	
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Section No. 2				
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ALTERATIONS				

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<u>Taking out and removing piping, sanitary fittings, etc, including cutting off as necessary, disconnecting piping from the fittings and prepare to receive new (Elsewhere measured)</u>					
11	Single bowl end sink	No	2		
12	Wash hand basins	No	4		
13	Stainless steel toilet	No	5		
14	Water closet suite complete	No	2		
<u>PREPARATORY WORK TO EXISTING SURFACES</u>					
15	Remove and replace worktop of 32mm thick post-formed chipboard with 1,2mm decorative plastic laminate on top, overall size 2300 x 600mm wide .	No	1		
16	Remove and replace worktop of 32mm thick post-formed chipboard with 1,2mm decorative plastic laminate on top, overall size 2300 x 600mm wide .	No	1		
<u>CLEANING AND UNBLOCKING OF EXISTING SEWER PIPES</u>					
<u>Money Provision:</u>					
17	Provide a sum of R500 000,00 (Five Hundred thousand rand) for cleaning and unblocking of existing drainage pipes not clearly defined at the time of tender for a period of 3 years			Item	500 000,00
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Section No. 2 Bill No. 1 ALTERATIONS					

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1

m2

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Item No	Quantity	Rate	Amount
<u>SECTION NO.2</u>			
<u>BUILDING WORK</u>			
<u>BILL NO. 4</u>			
<u>METALWORK</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

<u>WELDED SCREENS, GATES, ETC</u>			
<u>Mild steel</u>			
1	Gate size 813 x 2032mm high fixed to inside of 1.6mm double rebated steel door frames, gate formed out of 50 x 50 x 2,5mm rectangular tubing mitred at 45 degrees at corners before welding with 50 x 25 x 2,5mm rectangular tubing horizontal sections with 15 x 15mm mild steel solid square bar vertical uprights at centres as indicated with lockset case and lock	No	15
<u>SUNDRY STEELWORK</u>			
<u>Corner protectors</u>			
2	100 x 75 x 8mm Angle section corner protectors in varying lengths with 20mm diameter bent lugs each 150mm girth welded on at 500mm centres, including embedding in concrete	kg	129
<u>ROLLER SHUTTER DOOR</u>			
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Section No. 2 Bill No. 4 METALWORK			

Galvanised mild steel roller shutter door for face mounting, compromising curtain of 1,6mm galvanised interlocking slats with double steel angle bottom bar rivetted to bottom slat and hung to slide in channel guides, hung on heavy steel spring barrel with adjustable oil tempered helical spring counter balance, cast iron barrel collar, tension rod, etc enclosed in 1,2mm sheet iron cover box concrete or brickwork with and including 2 NO padlock (refer to " Assa Abloy"-60mm 630/B190 five pin tumbler cylinder padlock) and door to have one coat factory applied base coat red-oxide primer (on site finish elsewhere measured)

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Section No. 2

Bill No. 4

METALWORK

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Bill No. 4

METALWORK

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BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

Section No. 2
Bill No. 5
PLASTERING

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BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

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TILING

Sundries

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Item No	Quantity	Rate	Amount
<u>SECTION NO.2</u>			
<u>BUILDING WORK</u>			
<u>BILL NO 7</u>			
<u>PLUMBING AND DRAINAGE</u>			
<u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

<u>SANITARY FITTINGS</u>			
<u>"Vaal"</u>			
1	510 x 405mm Hibiscus White vitreous china lavatory basin (product code 7050) with two tapholes including integrated overflow and chainstay hole, bolted to wall with two10mm bolts (product code 8448ZO). with Plumbing (Cobra 011 951-5000) Cobra Watertech 32mm Machine chrome plated slotted basin waste union (303). Plumbing (Cobra 011 951-5000) Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21B/p-WS/6-nolime) with blue indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412).Cobra Watertech 15mm chrome plated pillar tap (Code: 505-21R/p-WS/6-nolime) with red indice and elbow action lever, manufactured in accordance with SANS 226:2009 Type 2 (BS 5412). Plumbing (Cobra 011 951-5000) COBRA 309-32 "anti-theft" plug Plumbing (Cobra 011 951-5000) COBRA 345/50 bottle trap, 50mm, pvc outlet. Plumbing (Cobra 011 951-5000) COBRA angle regulating valves – COBRA 832/350F	No	4
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Section No. 2 Bill No. 7 PLUMBING AND DRAINAGE			

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

2	Daisy White vitreous china semi close coupled washdown suite comprising 90° outlet open rim pan (product code 751400) and matching 9 litre front single flush cistern (product code 710532) including lid, fitments and flushpipe elbow, including lid and fitments with heavy duty seat.	No	2		
	<u>Franke or similar and approved</u>				
	Stainless steel for sinks, wash hand basins, wc's, etc shall be type 304 (18/8)				
3	Standard S2 double end bowl catering sink 1500 x 650mm with 150mm high integral splashback and stainless steel legs and adjustable foot pieces	No	1		
4	LDS Code 350960 drip sink size 600 x 500mm fitted with stainless steel hinged bucket grid secured to wall with four anchor bolts	No	1		
5	LDL Code 318600 wall mounted wash trough size 600 x 500 x 257mm deep fixed to wall with two galvanised mild steel Falcon brackets	No	1		
6	1,2mm Thick Model HDSSB325318 heavy duty security type surround basin size 390 x 320 x 250mm deep complete with outer casing and welded base plate	No	2		
7	1,2mm Thick Model 356185 heavy duty vandal proof wc pan size 485 x 390 x 435mm high with circular flushing rim and bowl, 38mm supply flush pipe and seven times bolted to wall and floor all in accordance with the manufacturers specifications	No	5		
8	Model ENF-359206 heavy duty recessed drinking fountain and wash hand basin size 350 x 465 x 175mm deep with 15mm self closing metering tap built into recess in wall with steel lugs	No	3		
	<u>TRAPS ETC</u>				
	<u>Marley or similar and approved</u>				
9	40mm Deep butyl rubber resealing "P" or "S" trap adjusted for double sink/trough	No	5		
Carried to Collection					R
Section No. 2					
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PLUMBING AND DRAINAGE					

BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

"Cobra Watertech" or similar approved

10	40mm Chromium plated bottle trap as Code 345/40
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11	40mm Chromium plated bottle trap as Code 365/50
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TAPS, VALVES, ETC

Cobra Watertech or similar and approved

12	15mm Star 208LK brass bibtap with hose union
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13	15mm Stella 3338ST CP underwall stoptap
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14	15mm Star 206EXT CP bibtap
----	----------------------------

15	15mm Stella 3314ST CP pillartap with colour indices
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16	15mm KM2.200 self closing metering bibtap
----	---

17	15mm Stella 3294ST CP single taphole basin mixer with pop-up waste and angle regulating valves
----	--

18	15mm 503-21CP elbow action pillartap with 1/4 turn ceramic disc and colour indices
----	--

19	15mm Stella 166/041CP wall type sink mixer with swivel outlet
----	---

20	15mm KP2.6CP Vandalmaster vandal-resistant shower head
----	--

Covers, etc

21	550mm Diameter type 2A cast iron manhole cover and frame with GJ rotating wedge lock
----	--

Carried to Collection

Section No. 2
Bill No. 7
PLUMBING AND DRAINAGE

**DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

Item No	Quantity	Rate	Amount
<u>SECTION NO.2</u>			
<u>BUILDING WORK</u>			
<u>BILL NO 8</u>			
<u>PAINTWORK</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

NOTE : For all TRADE NAMES and the use of alternative items, refer to Section 3: Specific Preliminaries item C3			
<u>SUPPLEMENTARY PREAMBLES</u>			
<u>Descriptions</u>			
Descriptions of painting shall be deemed to include complete preparation of new as well as existing surfaces, including patching and filling, sanding and primer on nail and screw heads			
Descriptions of painting on pipes, gutters, etc shall be deemed to include painting on holder bats, hangers, clips, clamps, etc			
Descriptions of painting on windows, frames, etc shall be deemed to include primer in rebates of sashes to be glazed			
<u>PAINTWORK, ETC TO EXISTING WORK</u>			
<u>ON FLOATED PLASTER</u>			
		R	
Section No. 2 Bill No. 8 PAINTWORK			
Carried to Collection			

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>One coat primer, one undercoat and two coats pure acrylic emulsion paint</u>				
1	On ceilings and beams	m2	1 165	
<u>One coat primer, one undercoat and two coats eggshell enamel paint</u>				
2	On internal walls	m2	3 938	
3	On ceilings	m2	274	
<u>One coat primer and Flowseal EPW AF anti fungal epoxy wall coating applied in accordance with manufacturer's instructions</u>				
4	On internal walls	m2	110	
<u>ON PLASTER BOARD</u>				
<u>One undercoat and two coats "Dura 50" acrylic emulsion paint</u>				
5	On ceilings	m2	56	
<u>ON METAL</u>				
<u>Spot priming defects in pre-painted surface with red oxide primer and applying one universal undercoat and two coats gloss enamel paint</u>				
6	On doors and frames	m2	2 541	
7	On roller shutters	m2	53	
8	On mesh screens and frames (both sidesmeasured)	m2	347	
9	On record room and strongroom doors and frames	m2	12	
10	On louvre doors and windows	m2	88	
11	On windows	m2	2 736	
12	On gates, grilles, burglar screens, balustrades, etc (both sides measured over the full flat area)	m2	4 550	
Carried to Collection				R
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Bill No. 8				
PAINTWORK				

**KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

13	On stainless steel benches	m2	95
14	On brackets, rails,etc not exceeding 300mm girth	m	2 877
<u>ON WOOD</u>			
<u>One coat sanding sealer and two coats "Dura 50" acrylic emulsion on</u>			
15	Skirtings, cornices, rails, etc, not exceeding 300mm girth	m	93
<u>One coat wood primer, one universal undercoat and two coats alkyd enamel paint</u>			
16	On doors	m2	61
17	On shelves	m2	456
18	On general surfaces of fittings	m2	33
19	On slatted benches	m2	9
<u>One coat sanding sealer and three coats clear polyurethane matt varnish</u>			
20	On skirtings, rails, etc, not exceeding 300mm girth	m	1 267

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Bill No. 8
PAINTWORK

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SECTION SUMMARY - BUILDING WORKS			Page No	Amount
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3	CEILING, PARTIIONS AND ACCESS FLOORING		70	
4	METALWORK		73	
5	PLASTERING		76	
6	TILING		79	
7	PLUMBING AND DRAINAGE		83	
8	PAINTWORK		87	
Carried to Final Summary				
Section No. 2				

Item
No

MECHANICAL WORKS

BILL NO.1

MECHANICAL PRELIMINARY AND GENERAL

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

Note: All items shall be priced for whatever cost may be consider necessary for Preliminary and General to carry out the Mechanical Installations in full, as detailed in the drawings, Specifications and Schedules, which shall include, but shall not be limited, to the following:

- | | | |
|---|---|------|
| 1 | Technical Submissions | Item |
| 2 | Transport | Item |
| 3 | Rigging & crantage | Item |
| 4 | Compliance With Health and Safety Regulations | Item |
| 5 | Attendance and contract manangement | Item |
| 6 | Training of user client | Item |
| 7 | Operating & Maintenance Manuals and As Built
.Drawings 3 sets(Hard & Soft Copies) | Item |
| 8 | Testing and Commissioning of the whole system | Item |
| 9 | Allow for the provision of electrical certificate of
compliance for all mechanical related work. | Item |

Carried Forward to Summary of Section No. 3

Section No. 3
Bill No. 1
MECHANICAL GENERAL

B

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

Item No		Quantity	Rate	Amount
	<u>SECTION NO.3</u>			
	<u>MECHANICAL WORKS</u>			
	<u>BILL NO. 2</u>			
	<u>KITCHEN</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

	<u>KITCHEN EQUIPMENT THAT NEEDS MAJOR SERVICING, REPAIR AND 3 YEARS MAINTENANCE PLAN</u>			
	<u>135Lt Steam-Jacketed cooking pot</u>			
1	Check/repair all electrical connections and controls, generally clean the equipment ,check/repair the gasket seal, service/repair the insulations ,check/repair the valves, check/clean the element, check/repair all pipe connection for leaks. Service to be done nine(9) times in 3 years on 16 items .	No	144	
	<u>80Lt Electric tilting frying pan</u>			
2	Check/repair all electrical connections and controls, generally clean the equipment ,check/repair the gasket seal, service/repair the insulations ,check/repair the valves, check/clean the element, check/repair all pipe connection for leaks. Service to be done nine(9) times in 3 years on 8 items .	No	72	
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	Bill No. 2			
	KITCHEN			

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>40 pan electric combi steamer</u>				
3	Check/repair all electrical connections and controls, generally clean the equipment(air, dust filters and exhaust vent), check/replace the seals, check/repair all pipe connections for any leaks, replace /tighten the loose screws, check/repair belts and valves for any signs of damage.Service to be done nine(9) times in 3 years on 4 items.	No	36	
<u>Band 'meat' cutting saw</u>				
4	Generally clean the equipment ,replace/tighten the loose screws, sharpen the blade/replace the blade, check/repair all the electrical connection and control and check the belt for any damages.Service to be done nine(9) times in 3 years on 3 items	No	27	
<u>Industrial 3 solid plate Hotel stoves</u>				
5	Check/repair all electrical connections and controls, service/repair all electric element.Generally clean the equipment.Repair/tighten all the loose screws.Service to be done nine(9) times in 3 years on 4 items	No	36	
<u>1100kg/h Floor standing mincer</u>				
6	Check/repair all electrical connections and controls. Balance and calibrate the scale.Generally clean the equipment.Service to be done nine(9) times in 3 years, on 2 items.	No	18	
<u>780mm Diamond potato peeler</u>				
7	Check/repair all electrical connections and controls. Generally clean the equipment.Check/repair the belt for any sign of damage. Replace/tighten the loose screws .Check/repair the door seal.Grease/oil the bearings.Service to be done nine(9) times in 3 years on 2 items .	No	18	
Carried to Collection				R
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KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

8	<p><u>60Lt food mixing machine</u></p> <p>Check/repair all electrical connections and controls. Generally clean the equipment(discharge gate and mix tub) .Check/repair all seals.Grease/oil all bearings. Check/repair belt and chain-and-sprocket for any signs of damage.Check/clean the intervents replace/tighten the loose screw.Service to be done nine(9) times in 3 years, on 2 items.</p>	No	18
9	<p><u>8Lt EMPERO food processor 295 x 490 x 365mm high, 0.37kW, 220V, 1 Ph</u></p> <p>Check/repair all electrical connections and controls. Generally clean the equipment.Check/repair the belt for any sign of damage.Repair/lubricate the blade Replace/tighten the loose screws. Grease/oil the bearings.Service to be done nine(9) times in 3 years on 4 items.</p>	No	36
10	<p><u>Meat cold room size 3.6 x 3.9 x 2.4m high formed of 100mm thick walls and roof polystyrene and polystrene insulation including vapour barrier and granolithic floor finish and swing door c/w(hinged type) and c/w cubicoil 4-way blower and 3-way blower cooler</u></p> <p>Calibrate the cold room temperature, clean the evaporator casing, all blowing fans and fins. check the control valves .check the reverse blowing ,check/replace the door hinges and handles .check all electrical components and control. check door seals ,check/replace compressor oil leakage.Service to be done nine(9) times in 3 years on 1 item.</p>	No	9
<p style="text-align: center;">Carried to Collection</p>			
<p>Section No. 3 Bill No. 2 KITCHEN</p>			

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KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

	<u>Vegetable cold room size 9.7 x 3.9 x 2.4m high formed of 100mm thick walls and roof of polystyrene and chromadek sandwich panels, floor 100mm thick polystyrene insulation including vapour barrier and 100mm thick reinforced concrete with 25mm Hardened granolithic floor finish and swing door complete ("slam on" hinge type) c/w 3-way blower compressors</u>				
11	Calibrate the cold room temperature, clean the evaporator casing, all blowing fans and fins. check the control valves .check the reverse blowing ,check/replace the door hinges and handles .check all electrical components and control. check door seals ,check/replace compressor oil leakage.Service to be done nine(9) times in 3 years on 1 item.	No	9		
	<u>7200 x 2000 x 700mm Steam hood/box type steam canopy fans axial flow extraction dia. 710/150/10/360 volts /3kW melanex</u>				
12	Check/repair all electrical connections and controls. Generally clean the equipment.Ventilation system to be cleaned . Replace/repair all the fans. Replace /tighten the loose screws . Replace/clean the filters.Service to be done nine(9) times in 3 years on 6 items.	No	54		
	<u>100kg platform scale</u>				
13	Check/repair all electrical connections and controls. Balance and calibrate the scale.Generally clean the equipment.Service to be done nine(9) times in 3 years on 6 items.	No	54		
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KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
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BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>1260L/hour Wap Powerstar Electric HPC 21/200</u> <u>E380V, 380 V, 200 bar</u>					
14	Repair all electrical connections and controls. Repair all pipes connections leaks . Repair/replace the pressure gauge.Replace/replace the belt for any damage and motors.Grease/oil the bearings.Replace/repair the water seals.Service to be done nine(9) times in 3 years on 2 items.	No	18		
<u>200 Rack advancing dish washer with inlet and outlet table, size 3000 x 780mm</u> <u>Check/rep</u>					
15	Check/repair all electrical connections and control. Generally clean the equipment . Check/repair belts for any sign of damage. Service/Repair the fans. check/repair any water leakage.Service/repair the rack-conveyor.Service to be done nine(9) times in 3 years on 1 item .	No	9		
<u>Floor drain(inside kitchen)</u>					
16	Generally clean the floor drain(Scrape off the floor drain's baffles,sides and lid).Service to be done nine(9) times in 3 years on 7 items.	No	63		
<u>12000btu (3.6kW) DX midwall split unit of R410a</u>					
17	Check gas leaks clean filters. check/clean drip tray and drain pipes. check electrical connections and controls replace refrigeration pipes armarflex insulation, generally clean equipment.Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 2 items.	No	24		
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KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

	<u>Grease trap chamber size 1500 x 800 x 750mm deep internally, built with one brick walls on and including 150mm thick reinforced concrete bottom slab</u>			
18	Service/repair the pumps.Generally clean the grease traps(Scrape off the trap's baffles, sides and lid). Vacuum out all the lingering FOG's.Dispose the collected fats, oil and grease.Service to be done nine(9) times in 3 years on 2 items.	No	18	
	<u>13mm Bread slicer</u>			
19	Generally clean the equipment, replace/tighten the loose screws, sharpen the blade/replace the blade, check/repair all the electrical connection and controls . Check the belt for any damages.Service to be done nine(9) times in 3 years on 4 items.	No	36	
	<u>Meat freezer room size 3.6 x 5.7 x 2.4m high formed of 100mm thick walls and roof of polystyrene and chromadek sandwich panels, floor 100mm thick polystyrene insulation with vapour barrier and 100mm thick reinforced concrete with 25mm hardened granolithic floor finish and swing door complete ("slam on" hinged type) c/w 3-way blower Compressors</u>			
20	Calibrate the freezer room temperature,clean the evaporator casing, all blowing fans and fins, check the control valves, check the reverse blowing,check/replace the door hinges and handles, check all electrical components and control ,check door seals and check/replace compressor oil leakage.Service to be done nine(9) times in 3 years on 4 items.	No	36	
	<u>840 x 610mm Mobile crockery rack</u>			
21	Replace/tighten the loose screws. Generally clean and paint the rack .Repair/replace the wheels.Service to be done six(6) times in 3 years on 20 items.	No	120	
	<u>Kitchen Equipment that needs to be replace</u>			
22	<u>135Lt Steam-Jacketed cooking pot</u>	No	16	
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KITCHEN				

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
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BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

23	<u>80Lt Electric tilting frying pan</u>	No	3
24	1000 x 850mm Heavy duty electrical range with oven	No	1
25	<u>Band 'meat' cutting saw</u>	No	1
26	<u>industrial 3 solid plate Hotel stoves</u>	No	2
27	<u>1100kg/h Floor standing mincer</u>	No	2
28	<u>780mm Diamond potato peeler</u>	No	2
29	<u>60Lt food mixing machine</u>	No	2
30	<u>8Lt EMPERO food processor 295 x 490 x 365mm high, 0.37kW, 220V, 1 Ph</u>	No	4
31	<u>7200 x 2000 x 700mm Steam hood/box type steam canopy fans axial flow extraction dia. 710/150/10/360 volts /3kW melanex</u>	No	3
32	<u>10kg Electronic scale</u>	No	4
33	1260Lt/hour Wap Electra 18/48 380V, 200 bar	No	2
34	200 Rack advancing dish washer with inlet and outlet table, size 3000 x 780mm	No	1
35	Floor drain(inside kitchen)	No	7
36	12000btu (3.6kW) DX midwall split of R410a	No	2
37	Grease trap chamber size 1500 x 800 x 750mm deep internally, built with one brick walls on and including 150mm thick reinforced concrete bottom slab	No	2
38	13mm Bread slicer	No	1
39	Steam jacketed pot integrating test	No	1

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Bill No. 2
KITCHEN

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BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

Section No. 3
Bill No. 3
BAKERY AND TEXTILE

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>Statust mini Molder, 380 V, 50 Hz, 3 ph</u>				
3	Check/repair all electrical connections and controls.Generally clean the equipment. Check/replace all belts and chains for any signs of damage.Replace/Tighten all loose screws . Grease/oil all bearings Check/replace gasket seals.Service to be done nine(9) times in 3 years on 3 items.	No	27	
<u>SM 120kg spiral dough mixer, 9 kW, 380 V, 3ph</u>				
4	Check/repair all electrical connections and controls .Generally clean the equipment(discharge gate and mix tub).Check/repair all seals.Grease/oil all bearings Check/repair belt and chain-and-sprocket for any signs of damage.Check/clean the intervents replace/tighten all loose screws. Service to be done nine(9) times in 3 years on 2 items.	No	18	
<u>60Lt Cake mixer, 4 kW, 220 V</u>				
5	Check/repair all electrical connections and controls. Generally clean the equipment(discharge gate and mix tub). Check/repair all seals. Grease/oil all bearings Check/repair belt and chain-and-sprocket for any signs of damage .Check/clean the intervents replace/tighten the loose screw.Service to be done six(6) times in 3 years on 1 item.	No	6	
<u>Macadams 4/30 Bun Divider - 30 pieced (40-120 g). 0.55 kW</u>				
6	Check/repair all electrical connections and controls.Generally clean the department. Replace/tighten all loose screws .Grease/oil all bearings .Check/replace belt for any damaged . Check/replace the turning lathe.Servicing to be done nine(9) times in 3 years on 1 item.	No	9	
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KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
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BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>Slimline Electrical 120 Rotary rack oven including canopy, 47 kW, 380 V, 3 ph</u>					
7	Check/repair all electrical connections and controls .Generally clean the equipment .Check/replace the seals .Ventilation system to be cleaned .Check/repair all pipe connections for any leaks .Replace /tighten the loose screws.Service to be done twelve(12) times in 3 years on 2 items.	No	24		
<u>D20 Hydraulic divider, 3.5 amp, 3 ph</u>					
8	Check/repair all electrical connections and controls .Generally clean the department. Replace/tighten all loose screws .Grease/oil all bearings .Check/replace belt for any damaged .Check/replace the turning lathe.Service to be done twelve(12) times in 3 years on 2 items.	No	24		
<u>10kg Electric scale</u>					
9	Check/repair all electrical connections and controls. Balance and calibrate the scale. Generally clean the equipment.Service to be done nine(9) times in 3 years on 1 item.	No	9		
<u>250L Geyser</u>					
10	Repair all electrical connections and control. Check/replace the pressure valve Repair all pipe connections for any leaks .Replace the electric element, replace the anode rod .Generally clean the equipment.Service to be done six(6) times in 3 years on 1 item.	No	6		
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BAKERY AND TEXTILE					

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>Extraction fan alstom 3ph induction 3kW</u>				
11	Clean dust from fan housing , grease/oil fan bearing , check/repair fan impeller, check electrical connections and controls.Service to be done nine(9) times in 3 years on 1 item.	No	9	
<u>12 000 btu (3.6kW) DX midwall split unit</u>				
12	Check gas leaks clean filters,check/clean drip tray and drain pipes, check electrical connections and controls, replace refrigeration pipes armarflex ,insulation, generally clean equipment.Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 1 item.	No	12	
<u>General cold room size 6.1 x3.7 x3.4m high formed of 100mm thick walls and roof of polystyrene and 100mm thick reinforced concrete with 25mm hardened granolithic floor finish and swing door (hinged type) compressor. Replacing compressor only</u>				
13	Calibrate the cold room temperature,clean the evaporator casing, all blowing fans and fins check the control valves,check the reverse blowing,check/replace the door hinges and handles, check all electrical components and control ,check door seals,check/replace compressor oil leakage.Replacing compressor only . Service to be done nine(9) times in 3 years on 1 item.	No	9	
<u>Loading dock lift</u>				
14	Repair/replace the springs/hydraulic shock.Repair/replace the release ring.Service to be done three(3) times in 3 years on 1 item. .	No	3	
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BAKERY AND TEXTILE				

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>Compressor plantroom c/w 2x 15kW,8.5bar compressors, 1x 1000cubic meter tank</u>				
15	Inspect blow down muffler ,check/replace pressure relief valve ,check/replace oil, oil filter and O-rings ,check/replace air filter. generally clean the equipment ,check/repair air and oil leaks, check/replace belt tension, cracks or signs of wear check hose and PTFE tubes.Drain water from air receiver.Check/replace gauges.Service to be done nine(9) times in 3 years on 1 item.	No	9	
<u>Bakery Equipment that needs replaced</u>				
16	Stainless steel two-rack two-door prover side by side	No	1	
17	D20 Hydraulic divider, 3.5 amp, 3 ph	No	2	
18	250L Geyser	No	1	
19	Extraction fan alstom 3ph induction 3kW	No	1	
20	12 000 btu (3.6kW) DX midwall split unit of R410a	No	1	
21	General cold room size 6.1 x3.7 x3.4m high formed of 100mm thick walls and roof of polystyrene and 100mm thick reinforced concrete with 25mm hardened	No	1	
Carried to Collection				
Section No. 3				
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BAKERY AND TEXTILE				

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
 FACILITIES MANAGEMENT CONTRACT: KIM10/2022
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Bill No. 3

BAKERY AND TEXTILE

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Bill No. 3

BAKERY AND TEXTILE

**KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO.3</u>			
	<u>MECHANICAL WORKS</u>			
	<u>BILL NO. 4</u>			
	<u>LAUNDRY</u>			
	<p><u>NOTE:</u> Tenderers are advised to study the Model Preambles for Trades before pricing this bill</p> <p>Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill</p> <p>-----</p> <p><u>Laundry Equipment that needs major service,repair and 3 years maintainance plan</u></p> <p><u>GIRBAU, Washing machines industrial x 55kg</u></p>			
1	Check the inlet and outlet hoses for any leakage ,clean the exhaust duct,clean the gasket between the door and drum, clean/replace the water inlet filters, check the motor belt for any signs of damage , check all electrical connections and controls and check/replace door seal.Service to be done nine(9) times in 3 years on 5 items.	No	45	
	<u>TULLIS, tumble dryers industrial x 55kg</u>			
2	Check all electrical connections and controls, clean/replace vent hose. generally clean the equipment, check belts for signs of damaged ,clean the condenser dryer , check/replace lint filters and check/replace door seal.Service to be done nine(9) times in 3 years on 4 items.	No	36	
	Carried to Collection			R
	Section No. 3			
	Bill No. 4			
	LAUNDRY			

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>Speed queen tumble dryer x 12kg</u>				
3	Check all electrical connections and controls. Clean/replace vent hose, generally clean the equipment, check belts for signs of damaged , clean the condenser dryer ,check/replace lint filters and check/replace door seal.Service to be done nine(9) times in 3 years on 1 item.	No	9	
<u>GIRBAU PS - 5132, iron roller press industrial</u>				
4	Check/replace the valves clean soleplate,check/repair electrical connection and control.Check/repair connections for leakage. Generally clean the equipment.Service to be done nine(9) times in 3 years on 2 items.	No	18	
<u>FORENTA, iron steam press industrial</u>				
5	Check/replace anit-calc valve clean soleplate, check/repair electrical connection and control. Check/repair gas connection for leakage.Service to be done nine(9) times in 3 years on 5 items.	No	45	
<u>Ingersol Rand Compressor, (200Litre) for air supply to steam press irons</u>				
6	Check/replace all valves and belts for any sign damage, check/replace oil, oil filter, air filters and O-rings, generally clean the equipment, check/repair air and oil leaks .Check/repair compressor pump and gauges.Check/tighten all loose screws. Grease/oil all bearings. Check/repair the motors.Service to be done six(6) times in 3 years on 1 item.	No	6	
<u>18 000 btu (5.4kW) DX split Cassette unit in the office</u>				
7	Check/repair gas leaks clean filters,check/clean drip tray and drain pipes ,check/repair electrical connections and controls ,replace refrigeration pipes armarflex, insulation ,generally clean equipment. Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 3 items	No	36	
Carried to Collection				
Section No. 3 Bill No. 4 LAUNDRY				R

<u>Laundry Equipment that needs to be replaced</u>			
8	GIRBAU, Washing machines industrial x 12kg	No	2
9	FORENTA, iron steam press industrial	No	1
10	18 000 btu (5.4kW) DX split Cassette unit compressor	No	2
Carried to Collection			
Section No. 3 Bill No. 4 LAUNDRY			

**DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

Item No		Quantity	Rate	Amount
	<u>SECTION NO.3</u>			
	<u>MECHANICAL WORKS</u>			
	<u>BILL NO. 5</u>			
	<u>PAROLE BOARD, MULTI-PURPOSE HALL, TRANSPORT SECTION AND SUPPLY CHAIN EQUIPMENT</u>			
	NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
	Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			
	<u>Parole board, multi-purpose hall,transport section, supply chain and facultyof education equipment that needs major service,repair and 3 years maintenance plan</u>			
	<u>12 000 btu (3.6kW) Floor standing DX split unit</u>			
1	Check gas leaks clean filters,check/clean drip tray and drain pipes, check electrical connections and controls, replace refrigeration pipes armarflex. Insulation. Generally clean equipment .Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 15 items.	No	180	
	Carried to Collection			R
	Section No. 3 Bill No. 5 PAROLE BOARD, MULTI PURPOSE HALL , TRANSP			

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>18000 btu (5.4kW) Cassette DX split unit</u>	
2	Check gas leaks clean filters ,check/clean drip tray and drain pipes , check electrical connections and controls, replace refrigeration pipes armarflex .Insulation. Generally clean equipment. Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 18 items.
	No 216
<u>0.8 cubic meter/min rotary screw compressor c/w 20mm line pressure regulator, filter condensate drain and 25mm line pressure regulator, condensate drain for 2.4sqm/min</u>	
3	Inspect blowdown muffler ,check/replace pressure relief valve , check/replace oil, oil filter and O-rings ,check/replace air filter.generally clean the equipment ,check/repair air and oil leaks.check/replace belt tension,cracks or signs of wear.check hose and PTFE tubes .Drain water from air receiver ,check/replace gauges.Service to be done six(6) times in 3 years on 1 item.
	No 6
<u>Bulk Store freezer room size 5.6 x 9.3 x 2.4m high formed of 150mm walls and roof of polystyrene and chromadek insulation with vapour barrier and 100mm thick reinforced with 25mm hardened granolithic floor finish and swing door (hinge type) c/w 3-cubicoil blower compressor</u>	
4	Calibrate the freezer room temperature, clean the evaporator casing, all blowing fans and fins,check the control valves, check the reverse blowing,check/replace the door hinges and handles, check all electrical components and control , check door seals and check/replace compressor oil leakage.Service to be done six(6) times in 3 years on 1 item.
	No 6

Carried to Collection

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 Bill No. 5
 PAROLE BOARD, MULTI PURPOSE HALL , TRANSP

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KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

	<u>Bulk Store cold room size 5.7 x 9.4 x 2.4m high formed of 100mm walls and roof of polystyrene and chromadek insulation with vapour barrier and 100mm thick reinforced with 25mm hardened granolithic floor finish and swing door (hinge type) c/w 3-cubicoil blower compressor</u>			
5	Calibrate the cold room temperature, clean the evaporator casing, all blowing fans and fins, check the control valves , check the reverse blowing, check/replace the door hinges and handles , check all electrical components and control , check door seals and check/replace compressor oil leakage. Service to be done six(6) times in 3 years on 1 items.	No	6	
	<u>4000 l/s @300pa roof mounted fans</u>			
6	Grease/oil fan bearing , check/repair fan impeller, check electrical connections and controls. Service to be done six(6) times in 3 years on 4 items.	No	24	
	<u>Parole board, multi-purpose hall, transport section, supply chain faculty of education equipment that needs to be replaced</u>			
7	18 000 btu (5.4kW) Cassette DX split unit of R410a	No	18	
8	Bulk Store freezer room size 5.6 x 9.3 x 2.4m high formed of 150mm walls and roof of polystyrene and chromadek insulation with vapour barrier and 100mm thick reinforced with 25mm hardened granolithic floor finish and swing door (hinge type) c/w 3-cubicoil blower compressor(replace blowers)	No	2	
9	18 000 btu (5.4kW) DX split Cassette unit compressor	No	4	
10	12 000 btu (3.6kW) Floor standing DX split unit compressors	No	4	
Carried to Collection				
Section No. 3				
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PAROLE BOARD, MULTI PURPOSE HALL , TRANSP				

**KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

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PAROLE BOARD, MULTI PURPOSE HALL , TRANSPORT SECTION AND SUPPLY

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Bill No. 5

PAROLE BOARD, MULTI PURPOSE HALL , TRANSPOR

**DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

Item No	Quantity	Rate	Amount
<u>SECTION NO.3</u>			
<u>MECHANICAL WORKS</u>			
<u>BILL NO. 6</u>			
<u>CELL BLOCK K1-K2</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

<u>Cell Blocks K1-K2 equipment that needs major service, reapiir and 3 years maintenance plan</u>			
<u>12000 btu (3.6kW) Floor standing DX split-unit</u>			
1	Check gas leaks clean filters,check/clean drip tray and drain pipes, check electrical connections and controls, replace refrigeration pipes armarflex. Insulation. Generally clean equipment.Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 5 items.	No	60
<u>Wall mounted fans 50L/s@50Pa</u>			
2	Clean dust from fan housing , grease/oil fan bearing, check/repair fan impeller.check electrical connections and controls.Service to be done nine(9) times in 3 years on 7 items.	No	63
Carried to Collection			R
Section No. 3 Bill No. 6 CELL BLOCKS K1-K2			

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>Roof fans 800L/s @ 100Pa</u>				
3	Clean dust from fan housing, grease/oil fan bearing, check/repair fan impeller.check electrical connections and controls.Service to be done six(6) times in 3 years on 25 items.	No	150	
<u>Dishwasher</u>				
4	Check/repair spray arm, check /repair float switch. check door gasket and leaks.check electrical connections and controls.check the motor.Service to be done nine(9) times in 3 years on 8 items.	No	72	
<u>9000 btu (2.6 kW) Midwall DX split unit</u>				
5	Check gas leaks clean filters, check/clean drip tray and drain pipes , check electrical connections and controls, replace refrigeration pipes armarflex. Insulation. generally clean equipment and Regas unit with refrigerant.Service to be done nine(9) times in 3 years on 8 items.	No	96	
<u>Mechanical ventilation(Clean existing duct)</u>				
6	Mechanical ventilation(Clean existing duct).Service to be done six(6) times in 3 years on 15 items.	m2	90	
<u>Clean 1200x1200x600mm steam hood type</u>				
7	Check/repair all electrical connections and controls. Generally clean the equipment. Ventilation system to be cleaned. Replace/repair all the fans .Replace /tighten the loose screws. Replace/clean the filters.Service to be done six(6) times in 3 years on 2 items.	No	12	
<u>Cell blocks K1-K12 equipment that needs to be replaced</u>				
8	12000 btu (3.6 kW) Floor standing units of R410a	No	7	
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Bill No. 6				
CELL BLOCKS K1-K2				

9	Wall mounted fans 50L/s@50Pa	No	5
10	Roof fans 800L/s @ 100Pa	No	5
11	Dishwasher	No	4
12	9000 btu (2.6 kW) DX Midwall split unit of R410a	No	6
13	Mechanical ventilation	m2	15
Carried to Collection			
Section No. 3 Bill No. 6 CELL BLOCKS K1-K2			

**KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

Section No. 3

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Bill No. 6

CELL BLOCKS K1-K2

Item No	Quantity	Rate	Amount
<u>SECTION NO.3</u>			
<u>MECHANICAL WORKS</u>			
<u>BILL NO. 7</u>			
<u>CELL BLOCK O</u>			
NOTE: Tenderers are advised to study the Model Preambles for Trades before pricing this bill			
Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill			

<u>Block O and F equipment that needs major service, repair and 3 years maintenance plan</u>			
<u>Roof fans 4000L/s @100Pa</u>			
1	Grease/oil fan bearing check/repair fan impeller.check electrical connections and controls.Service to be done nine(9) times in 3 years on 8 items.	No	72
<u>18000 btu (5.4kw) Cassette DX split unit</u>			
2	Check gas leaks clean filters.check/clean drip tray and drain pipes, check electrical connections and controls ,replace refrigeration pipes armarflex . Insulation and generally clean equipment.Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 2 items.	No	24
Carried to Collection			R
Section No. 3 Bill No. 7 BLOCK O & F			

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>2.7cubic meter/min rotary screw compressors 15kW and 8,5bar ,and 2x 1000 cubic meter tanks</u>				
3	Inspect blowdown muffler ,check/replace pressure relief valve, check/replace oil, oil filter and Orings.check/replace air filter.generally clean the equipment, check/repair air and oil leaks.check/replace belt tension,cracks or signs of wear ,check hose and PTFE tubes.Drain water from air receiver.Check/replace gauges.Service to be done six(6) times in 3 years on 1 item .	No	6	
<u>3800 x 1800 x 700mm galvanised mild steel welding canopy c/w 5 dampers and 650mm axial fan at 300Pa</u>				
4	Clean dust from fan housing ,grease/oil fan bearing, check/repair fan impeller.check electrical connections and controls. check and clean filters.check the welding canopy and check dampers.Service to be done six(6) times in 3 years on 1 item.	No	6	
<u>1.8cubic meter/min rotary screew compressor, 1 cubic meter receiver and 3.6 cubic meter/ min refrigerated air dryer</u>				
5	Inspect blowdown muffler, check/replace pressure relief valve , check/replace oil, oil filter and O-rings ,check/replace air filter.generally clean the equipment ,check/repair air and oil leaks.check/replace belt tension,cracks or signs of wear check hose and PTFE tubes.Drain water from air receiver.Service to be done six(6) times in 3 years on 1 item .	No	6	
<u>Blocks O and F equipment that needs to be replaced</u>				
6	18 000 btu (5.4kW) Cassette DX split unit of R410a	No	7	
Carried to Collection				
Section No. 3				
Bill No. 7				
BLOCK O & F				

**KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE**

Section No. 3

Bill No. 7

BLOCK O & F

COLLECTION

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Bill No. 7

BLOCK O & F

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MECHANICAL WORKS

BILL NO. 8

HOSPITAL

Tenderers are advised to study the Department of Public Works - Construction works: General Specification (PW371-A) and Construction works: Particular Specification (PW371-B) before pricing this bill

Hospital equipment that needs major service, repair and 3 years maintenance plan

18 000 btu (5.4kW) Cassette DX split unit

- 1 Check gas leaks clean filters. check/clean drip tray and drain pipes. check electrical connections and controls. replace refrigeration pipes armflex. Insulation. generally clean equipment.Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 6 items.

No

72

Supply diffuser to be cleaned

- | | |
|---|---|
| 2 | Supply diffuser to be cleaned. Service to be done twelve(12) times in 3 years on 8 items. |
|---|---|

No

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Carried to Collection

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Section No. 3
Bill No. 8
HOSPITAL

KIMBERLY DCS-NEW GENERATION CORRECTIONAL:TSWELOPELE PRISON
FACILITIES MANAGEMENT CONTRACT: KIM10/2022
BUILDING RELATED , ELECTRICAL AND MECHANICAL SERVICE

<u>12 000 btu (3.6kW) DX Midwall split unit</u>				
3	Check/clean drip tray and drain pipes,check electrical connections and controls, replace refrigeration pipes armarflex . Insulation. Generally clean equipment.Regas unit with refrigerant.Service to be done twelve(12) times in 3 years on 5 items.	No	60	
<u>Disc valves</u>				
4	Disc Valves.Service to be done six(6) times in 3 years on each 8 items.	No	48	
<u>1730L/s @400Pa and 2200L/s @ 700Pa motor</u>				
5	Clean dust from fan housing, grease/oil fan bearing, check/repair fan impeller. check electrical connections and controls, check and clean filters.Service to be done six(6) times in 3 years on 2 items.	No	12	
<u>Medical gas plantroom c/w 10x10 Oxygen bank, 2x2 scavenger bank and wall mounted, medical gas panel</u>				
6	Check/repair the manifold velves.Check/repair manifold/system for any gas leaks.Check/repair medical gas panel .Check the level of the gas bottles and replace the empty .Service to be done nine(9) times in 3 years on 1 item.	No	9	
<u>Medical vaccum plantroom c/w 2x 26L/s @68kPa vacuum pumps coupled with 3p electric motors and 1600L pressure tank c/w vacuum switches,pressure regulating valves,shut- off,brackets and mufflers</u>				
7	Check/replace the filters.Check/repair the belts and mechanical connections.Check/top up the oil level. Check/unblock the drains.Check/repair all electrical connections and control generally clean the equipments. Check/replace the valves and rings.Check/Fix the voltage and amerage of the electrical motor.Check the room condition(cooling/ventilation system) . Check for any gas leaks. Service to be done nine(9) times in 3 years on 1 item.	No	9	
Carried to Collection				
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HOSPITAL				

<u>Tests</u>		
Test Oxygen points if they working. Service to be done nine(9) times in 3 years on 43 items.	No	387
Test Vacuum points if they working. Service to be done nine(9) times in 3 years on 43 items.	No	387
<u>Hospital equipment that needs to be replaced</u>		
18 000 btu (5.4kW) Cassette DX split unit of R410a	No	7
<u>Hospital medical gas equipment that needs to be replaced</u>		
Oxygen additional points	No	34
Vacuum additional points	No	40
Medical gas plantroom c/w 10x10 Oxygen bottle banks 10,2kG	No	20
Medical gas plantroom c/w 2x2 scavenger bottle banks 10,2kG	No	4
1 x vacuum pump & modify D.D. to suit	No	1
1 x 1 medical oxygen manifold and H.P-L.P regulator	No	1
Carried to Collection		
Section No. 3		
Bill No. 8		
HOSPITAL		

