TENDER AGREEMENT FOR SUPPLY &INSTALLATION COMISSIONING, TESTING, TRAINING AND MAINTAINANCE OF MRI 1.5 TESLA.

PA/161/HQ/G/2021-2122/77

BETWEEN

BUGANDO MEDICAL CENTRE (BMC)

AND

M/S PACIFIC DIAGNOSTICS LIMITED

DRAWN BY:

BUGANDO MEDICAL CENTRE (BMC)

P. O. BOX 1370

MWANZA

FEBRUARY, 2022

FORM OF AGREEMENT

THIS FORM OF AGREEMENT is made the 04 day of 02, 20 __.

BETWEEN

BUGANDO MEDICAL CENTRE (BMC), P.O BOX 1370, MWANZA, and a public private institution operating under thepartnership of the government of the United Republic of Tanzania and the Tanzania Episcopal Conference (TEC) (hereinafter referred to as **Employer /the Buyer'')** which expression shall, where the context so admits, include assigns and successors in title of the one part;

AND

M/S PACIFIC DIAGNOSTICS LTD, P.O. BOX 34056, DAR ES SALAAM (Here in after referred to as "**The Tenderer**") which expression shall, where the context so admits, include assigns and successors in title of the other part.

NOW, THEREFORE, THE PARTIES here to agree and declare as follows:

The contract shall remain valid for the period of five (5) years starting from the date of ……04/2022 today……04…….Of..02.. 2026.

Article 1. Contract Documents

1.1 Contract Documents (Reference GCC Clause 2)
The following documents shall constitute the Contract between the Employer and the Supplier, and each shall be read and construed as an integral part of the Contract:

(a) This form of Agreement and the Appendixes hereto
(b) Tender and Price Schedules submitted by the Supplier
(c) Special Conditions of Contract
(d) General Conditions of Contract
(e) Technical Specifications and Drawings
(f) Procedures (as listed)
(g) *negotiation minute*
(h) acceptance letter

1.2 Order of Precedence (Reference GCC Clause 2)

In the event of any ambiguity or conflict between the Contract Documents listed above, the order of precedence shall be the order in which the Contract Documents are listed in Article 1.1 (Contract Documents) above.

1.3 Definitions (Reference GCC Clause 1)

Capitalized words and phrases used herein shall have the same meanings as are ascribed to them in the General Conditions of Contract.

Article 2. Contract Price and Terms of Payment

2.1 Contract Price (Reference GCC Clause 11)

The Employer hereby agrees to pay to the Supplier the Contract Price in consideration of the performance by the supplier of its obligations hereunder. The Contract Price shall be the aggregate of TZS **2,370,000,000 "VAT INCLUSIVE" (TWO BILLION,SIX HUNDRED FIFTY NINE MILLIONSHILLINGS ONLY)** such other sums as may be determined in accordance with the terms and conditions of the Contract.

2.2 Terms of Payment (Reference GCC Clause 12)

The terms and procedures of payment according to which the Employer will reimburse the Supplier are given in the corresponding Appendix (Terms and Procedures of Payment) hereto.

The supplier shall be paid advance advance payment of 50% after submission of half of unconditional advance payment guarantee for advance amount to be paid, 45% after installation, testing, commission and training of user department and to be for use. And 5% after practical completion.

Article 3. Effective Date for Determining Time for Completion

3.1 Effective Date (Reference GCC Clause 1)

The Time of Completion of the Facilities shall be determined from the date when all of the following conditions have been fulfilled:

(a) This Contract Agreement has been duly executed for and on

behalf of the Employer and the Supplier;

(b) The Supplier has submitted to the Employer the performance security and the advance payment guarantee;

(c) The Employer has paid the Supplier the advance payment.

Each party shall use its best efforts to fulfill the above conditions for which it is responsible as soon as practicable.

3.2 If the conditions listed under 3.1 are not fulfilled within two (2) months from the date of this Contract notification because of reasons not attributable to the Supplier, the parties shall discuss and agree on an equitable adjustment to the Contract Price and the Time for Completion and/or other relevant conditions of the Contract.

Article 4. Appendixes

4.1 The Appendixes listed in the attached List of Appendixes shall be deemed to form an integral part of this Contract Agreement.

4.2 Reference in the Contract to any Appendix shall mean the Appendixes attached hereto, and the Contract shall be read and construed accordingly.

IN WITNESS WHEREOF the Employer and the Supplier have caused this Agreement to be duly executed by their duly authorized representatives the day and year first above written.

Signed by, for and on behalf of the Employer

[Signature]

DIRECTOR GENERAL

[Title]

In the presence of Cornelius H. Ntungwell

CORNELIUS H. NTUNGWELI
Advocate, Notary Public & Commissioner for Oaths
P.O. Box 1370, MWANZA

Signed by, for and on behalf of the Supplier

[Signature]

CHIEF OPERATIONS OFFICER

[Title]

In the presence of

PACIFIC DIAGNOSTICS LIMITED
DAR-ES-SALAAM

BUGANDO MEDICAL CENTRE

Consultant and Teaching Hospital

P.O. Box 1370
Mwanza, Tanzania
Telephones 2540610/5
2500513
Fax: 255 – 028 - 2500799
hospbugando@gmail.com
info@bugandomedicalcentre.co,tz

Department of: ADMINISTRATION

Our Ref: *AB.309/386/01/PART "A"/207*

Date: 28/12/2021

TO MANAGING DIRECTOR,
M/S PACIFIC DIAGNOSTICS LTD,
P.O. BOX 34056,
DAR ES SALAAM,

Dear Sir/Madam,

RE: PUBLIC PROCURMENT ACT NO. 70F 2011 SECTION 60-(5) AND REGULATION 231-(6) OF THE RULES 2013.

RE: AWARD OF TENDER NUMBER PA/161/HQ/G/2021-2022/77 FOR SUPPLY INSTALLATION COMMISSIONING, TESTING, TRAINING AND MAINTENANCE OF MRI MACHINE AT CHATO RRH.

Reference is made to the heading above.

According to section 60-(3) of PPA 2011 AND Reg. 231-(2) of 2013 as amended on 2016, the Director General of Bugando Medical Centre, award tender no. **PA/161/HQ/G/2021-2122/77** for **SUPPLY, INSTALLTION, TESTING, COMMISSIONING, TRAINING AND MAINTENANCE OF MRI MACHINE** to **M/S PACIFIC DIAGNOSTICS, of P.O.BOX 34056, DAR ES SALAAM** at cost price of Tsh **2,370,000,000/=** as the company met the score requirement as set in the tender document.

You are requested to contact our company as soon as possible for contract signing.

Sincerely yours,

Dr. Fabian A. Massaga
Director General

Pacific Diagnostics
medical imaging solutions

PDL/C/10/2022

The Executive Director

Bugando Medical Centre

P O Box 1370
Mwanza Tanzania

5TH January 2022

Dear Sir,

RE: AWARD NOTIFICATION ACCEPTANCE

SUB: INTENTION TO AWARD TENDER FOR TENDER NO. PA – 161/2021 – 2022/77 – FOR SUPPLY INSTALLATION COMMISIONING. TESTING, TRAINING AND MAINTENANCE OF MRI 1.5 TESLA FOR CHATO

Reference is made to your letter with reference, AB.309/386/01/PART A/216

I am pleased to confirm receipt of notification for award of the above-mentioned tender dated 4th January 2022. With this letter, we confirm our acceptance to the offer accordingly and we pledge to deliver the best in the course of execution.

We are looking forward to hearing from your good office on the next step for signing of the contract.

Sincerely,

PACIFIC DIAGNOSTICS LIMITED
DAR-ES-SALAAM

Naftal Phillip

Chief Operating Officer

P.O. Box 34056, Plot 46-48, Mikocheni Industrial Area, Opposite Coca-cola Kwanza Factory, Coca-cola Road.
Dar es Salaam, Tanzania
Email: info@pacificafrica.co.tz, Tel: +255 22 2701032, Fax: +255 22 2773440

Pacific Diagnostics
medical imaging solutions

Plot 46- 48, Mikocheni Industrial Area, Opposite Coca-cola Kwanza Factory
Dar es Salaam, Tanzania.
Email: info@pacificafrica.com,
Tel:+255 22 2701032 Fax: +255 22 2773440

Bugando Medical Center
Schedules of Rates and Prices
Schedule No. 1. Goods, and Mandatory Spare Parts Supplied from Abroad

Item	Description	Model	Qty -1	Unit Price, US DOLLARS DDP -2	Total Price (1) x (2) US DOLLARS
11	MRI 1.5 Tesla	Siemens Magnetom SEMPRA	1		-
	MRI Machine. Siemens Magnetom Sempra, 1.5Tesla with 60 cm wide bore. With 5 years warranty included.	Siemens Healthcare GmbH, Germany	1	2,475,720,000.00	2,475,720,000.00
					-
					-
	Uninterrruptible Power Supply (UPS) Size 80kVA - Online UPS with 10 minutes Back up.	Eaton. India	1		-
	MRI compatible oxygen cylinder 1 piece		1	2,340,000.00	2,340,000.00
			1		-
	Training 2 Weeks + Refresher Training		1		-
					-
	MRI compatible patient beds – 2 pieces Heavy Duty trolley		1 (2)		-
			TOTAL (to Schedule No. 5. Grand Summary)		2,478,060,000.00

Name of Tenderer: PACIFIC DIAGNOSTICS LIMITED

Signature of Tenderer

PACIFIC DIAGNOSTICS LIMITED
DAR-ES-SALAAM

STANDARD POWER OF ATTORNEY

TO ALL IT MAY CONCERN

THAT BY THIS POWER OF ATTORNEY given on the 16th December 2021,
WE the undersigned PACIFIC DIAGNOSTICS LIMITED of Plot 46-48, Mikocheni Industrial Area, Coca-Cola road, P.O. Box 34056, Dar es Salaam, Tanzania , by virtue of authority conferred to us by the Board Resolution No of 2019, do hereby ordain nominate and appoint NAFTAL PHILLIP of P.O. Box 34056, Dar es Salaam, Tanzania to be our true lawful Attorney and Agent, with full power and authority, for us and in our names, and for our accounts and benefits, to do any, or all of the following acts, in the execution of tender No. **PA/161/HQ/2021-2022/G/77** that is to say;

To act for the company and do any other thing or things incidental for **PA/161/HQ/2021-2022/G/77** of THE SUPPLY, INSTALLATIONS, TESTING AND COMMISSIONING OF MAGNETIC RESONANCE IMAGING (MRI) 1.5T. for the BUGANDO MEDICAL CENTRE;

AND provided always that this Power of Attorney shall not revoke or in any manner affect any future power of attorney given to any other person or persons for such other power or powers shall remain and be of the same force and affect as if this deed has not been executed.

AND we hereby undertake to ratify everything, which our Attorney or any substitute or substitutes or agent or agents appointed by him under this power on his behalf herein before contained shall do or purport to do in virtue of this Power of Attorney.

SEALED with the common seal of the said PACIFIC DIAGNOSTICS LIMITED and delivered in the presence of us this 16th December 2021

IN WITNESS whereof we have signed this deed on this 16th of December 2021 at Dar es Salaam for and on behalf of PACIFIC DIAGNOSTICS LIMITED

SEALED and **DELIVERED** by the
Common Seal of PACIFIC DIAGNOSTICS LIMITED
This 15th November 2021

.....
DONOR

BEFORE ME:

.....
COMMISSIONER FOR OATHS

HELLEN A. MREMA
ADVOCATE
P. O. Box 7318
DAR-ES-SALAAM

ACKNOWLEDGEMENT

I NAFTAL PHILLIP doth hereby acknowledge and accept to be Attorney of the said PACIFIC DIAGNOSTICS LIMITED under the terms and conditions contained in this POWER OF ATTORNEY and I promise to perform and discharge my duties as the lawfully appointed Attorney faithfully and honestly.

SIGNED AND DELIVERED by the said
NAFTAL PHILLIP, Who is known to me personally
This 16th December 2021

.....
DONEE

BEFORE ME

.....
COMMISSIONER FOR OATHS

HELLEN A. MREMA
ADVOCATE
P. O. Box 7318
DAR-ES-SALAAM

Siemens Healthcare GmbH, SHS EMEA DES BS, Karlheinz-Kaske-Str. 5,
91052 Erlangen

Name Dr. Michael Klug
Department SHS EMEA DES BS

Telephone +49 (172) 6347870
E-mail emea_des_bs.team@siemens-healthineers.com
Our reference TZ2204
Date December 16, 2021

THE SECRETARY OF TENDER BOARD
BUGANDO MEDICAL CENTRE
P.O. BOX 1370
MWANZA
TANZANIA

Reference IFT No. PA/161/HQ/G/2021-2022/77

MANUFACTURER'S AUTHORIZATION FORM

We, Siemens Healthcare GmbH ("Siemens Healthineers"), who are official manufacturer and manufacturer through affiliates of

- SOMATOM go.Top, SOMATOM go.All
- MAGNETOM Altea, MAGNETOM Sempra, MAGNETOM Free.Max
- Multix Impact, Multix Impact C
- ACUSON NX3, ACUSON NX3 Elite, ACUSON Juniper, ACUSON Redwood
- Artis zee
- Teamplay
- Syngo Virtual Cockpit

and manufacturer through contracted factory of

- Mobilett Elara Max

having its principal place of business at Henkestraße 127, 91052 Erlangen, Germany and having factories in Germany, China, Spain, Republic of Korea and USA, do hereby authorize:

PACIFIC DIAGNOSTICS LTD.
Plot 46-48, Mikocheni Light Industrial Area
Coca Cola Road
DAR ES SALAAM
PO BOX: 34056
UNITED REPUBLIC OF TANZANIA

to submit a bid in relation to the Invitation for Bids indicated above, the purpose of which is to provide the above Goods, manufactured by us, and to subsequently negotiate and sign the Contract, in its own name and on its own account.

Letter of December 16, 2021
to TANZANIA

We hereby extend our standard warranty with respect to the goods manufactured by us offered for supply by the above firm against this Invitation for Tenders.

Sincerely yours,

Siemens Healthcare GmbH

Electronically signed by: Carole Millet-Perry
Reason: Document Execution
Date: Nov 15, 2021 12:42 GMT+1

carole.millet-perry@siemens-healthineers.com

Carole Millet-Perry
Controlling Manager Direct Export Sales

i.V. M. Klug

Electronically signed by: Michael Klug
Date: Nov 15, 2021 12:38 GMT+1

michael.klug@siemens-healthineers.com

Dr. Michael Klug
Head of Business Services Direct Export Sales

Siemens
Henkestr. 127
Postfach 3260
91050 Erlangen
+49 (91 31) 84-0
Healthcare GmbH

MCH 124/56

TFN. 226
(Rev. 7/96)

ID. 22530

JAMHURI YA MUUNGANO WA TANZANIA

KINONDONI MUNICIPAL COUNCIL

LESENI YA BIASHARA

B 3850856

(Imetolewa chini ya Sheria ya Leseni za Biashara Na. 25 ya Mwaka 1972 marekebisho ya mwaka 1980 na masharti yaliyo nyuma)

*Futa isiyotakiwa.

1. Ofisi iliyotolewa MANISPAA YA KINONDONI
2. Nambari ya Ushuru wa mapato 109-983-373
3. Leseni imetolewa kwa PACIFIC DIAGNOSTICS LIMITED
   kuendesha biashara ya MAINTANANCE & INSTALLATION OF MEDICAL EQUIPMENT
   katika Wilaya Kuu* ya KINONDONI Mtaa MIKOCHENI A
4. Ni ya Shina/Tawi* Ada Sh. 80,000/= Nambari ya Stakabadhi 3734190
   ya tarehe 30/7/2021
5. Mpya/maendeleza* muda wa Leseni Na 3488753
   ya tarehe 31/8/2020

(ii) Muda wa leseni hii utaishia 30 Juni 20 9/7/2022

Tarehe 5/8/2021

GP-Dsm

BOX DSM

Sahihi na Muhuri wa Afisa Leseni

MCH/24/03

D: 22533

TFN. 226
(Rev. 2/96)

JAMHURI YA MUUNGANO WA TANZANIA

KINONDONI MUNICIPAL COUNCIL

LESENI YA BIASHARA

B 3850803

(Imetolewa chini ya Sheria ya Leseni za Biashara Na 25 ya Mwaka 1972 marekebisho ya mwaka 1980 na masharti yaliyo nyuma)

*Futa isiyotakiwa.

1. Ofisi iliyotolewa MANISPAA YA KINONDONI
2. Nambari ya Ushuru wa mapato 109 - 983 - 373
3. Leseni imetolewa kwa PACIFIC DIAGNOSTICS LTD
   kuendesha biashara ya MEDICAL EQUIPMENTS
   katika Wilaya/Kanda* ya KINONDONI Mtaa MIKOCHENI B
4. Ni ya Shina/Tawi* + 120,000/=
   Ada Sh. [illegible] Nambari ya Stakabadhi 3734191
   ya tarehe [illegible] 2021 3735588
5. Mpya inaendelea* muda wa Leseni Na 3544232
   ya tarehe 17/8/2020

(ii) Muda wa leseni hii utaishia 30 Juni 20 16/8/2022

Tarehe 2/8/2021
Box
DSM

Sahihi na Muhuri wa Mtoaji Leseni
SILVANA K.

GP Dsm

TANZANIA

BRELA
BUSINESS REGISTRATIONS AND LICENSING AGENCY

Register of Companies
Detailed information

Information date and time: 07/06/2019 12:25:02
Registration date and time: 09/10/2006 00:00:00

1.	**Status:**	Registered
2.	**Incorporation number:**	57899
3.	**Company:**	**PACIFIC DIAGNOTICS LIMITED**
4.	**Company type:**	Private company Limited by shares
5.	**Registered office:**	Region Dar Es Salaam, District Kinondoni, Ward Mikocheni, Postal code 14112, Street COCACOLA, Road COCACOLA, Plot number 46, 47 & 4, Block number -, House number -
6.	**Contacts:**	Email: anthony.gshuma@gmail.com, Mob no/Tel no: 255755804380, P.O.Box 31119
7.	**Business activity:**	4659 - Wholesale of other machinery and equipment 4649 - Wholesale of other household goods
8.	**Directors / Directors in the country of origin:**	PRASHANT KRISHNARAO GOKARN, Indian ABRAHAM AGWAMBO OKORE, Tanzania
9.	**Company secretary / Company secretary in the country of origin:**	ANTHONY GOODLUCK SHUMA, Tanzania
10.	**Authorised share capital:**	5000000000 TZS
11.	**Class of shares:**	Class Ordinary: 1000000 shares, 5000 TZS/share, 5000000000 TZS
12.	**Shareholders:**	PYRAMID PHARMA LIMITED Class Ordinary 2500 shares taken PRASHANT KRISHNARAO GOKARN Class Ordinary 2500 shares taken PACIFIC DIAGNOSTICS LIMITED Class Ordinary 995000 shares taken

Information ordered by: ANTHONY SHUMA
NOTE. Information printed from the Register of Company is true and complete as per extract generation date and time. Please be advised to refer to the Online Registration System at BRELA (ors.brela.go.tz) for an up-to-date information regarding given Company.

REGISTRAR OF COMPANIES
TANZANIA

Registrar of Companies

BUGANDO MRI COMPLIANCE STATEMENT		
TECHNICAL SPECIFICATIONS		
ASKED SPECIFICATIONS	OFFERED SPECIFICATIONS	COMPLY/ NOT COMPLY
MRI 1.5 Tesla Specifications		
2 year warranty with semi-annual Planned preventive maintenance (PPM) and three years comprehensive Maintenance and spare parts inclusive.	Siemens Magnetom Sempra, 1.5T MRI system, with 2 years warranty and 3 years comprehensive Maintenance inclusive of Spare parts supply.	COMPLY
The machine should be New, of modern technology with a minimum of 1.5T magnet and should be provided with respective coils for scanning-brain, head, neck, spine, shoulder, Body/torso, rectum, Knee, Wrist, Cardiac imaging, Breast.	The Magnetom Sempra is a new MRI with latest technology for whole body Applications - Brain, Head, Neck, Spine, Shoulder, Body, Rectum, Knee, Wrist, Cardiac Imaging and Breast	COMPLY
60cm or more Open Bore design.	60cm Patient Bore	COMPLY
Weight should not exceed 4.2 tons.	4.2Tonnes	COMPLY
It should be able to perform contrasted and non-contrasted angiography, spectroscopy, plague imaging and colour analysis, motion compensating radial techniques, brain volume imaging, diffusion tensor imaging, diffusion(C+DTI) tensor tractography (DTT), MRCP, respiratory triggering detector, and MRI software protocol of sickle cell.	It is able to perform contrasted and non-contrasted angiography, spectroscopy, plague imaging and colour analysis, motion compensating radial techniques, brain volume imaging, diffusion tensor imaging, diffusion(C+DTI) tensor tractography (DTT), MRCP, respiratory triggering detector, and MRI software protocol of sickle cell.	COMPLY
USB port for data transfer. At last gradient amplitude of 30mT/m, slew rate 125T/m/s. Apart from that the Machine's work station be of latest technology and DICOM 3-D image export compatible. Should have zero boil off technology for saving helium.	USB port for data transfer available. Vector Gradient Performance Max. eff. amplitude 52 mT / m Max. eff. slew rate 173 T / m / s Gradient duty cycle 100 % Machine's work station is of latest technology and DICOM 3-D image export compatible. Has zero boil off technology for saving helium.	COMPLY
The examination table minimum patient load should be 200 kg at least two emergency buttons should be provided, one in the console room and the other in the magnet room.	The examination table minimum patient load is 200 kg. Two emergency buttons are provided, one in the console room and the other in the magnet room.	COMPLY
• Preparation of initial installation requirements to meet equipment specific needs.	Initial installation requirements to meet equipment specific needs will be advised.	COMPLY
Five years comprehensive Maintenance inclusive.	2 years Warranty, and 3 years Comprehensive Maintenance inclusive.	COMPLY
Coils:		
MRI should be provided with but not limited to respective 8 channels or better coils for scanning-brain, head, neck, spine, shoulder, Body/torso, rectum, Knee, Wrist, Cardiac imaging, Breast, temporomandibular joint, cervical spine, thoracic spine, lumbar spine, chest, heart, abdomen, pelvis, hip, elbow, prostate, colon, cervix, MR Angiography.	MRI is a 8 channel system with coils to support scanning of brain, head, neck, spine, shoulder, Body/torso, rectum, Knee, Wrist, Cardiac imaging, Breast, temporomandibular joint, cervical spine, thoracic spine, lumbar spine, chest, heart, abdomen, pelvis, hip, elbow, prostate, colon, cervix, MR Angiography.	COMPLY
RF system:		
RF output capacity above 16 Kw (100% duty cycle)	15kW RF output with 100% Duty Cycle	COMPLY
Sampling frequency at 80 MHz	80MHz	COMPLY

ASKED SPECIFICATIONS	OFFERED SPECIFICATIONS	COMPLY/ NOT COMPLY
Digital sampling as close as possible to the coil	Yes, Digital sampling next to the coils	COMPLY
Reception bandwidth approx. 3MHz	1MHz. Per channel, 8 channels	COMPLY
8 RF reception channels	8 RF Reception Channels	COMPLY
The following imaging techniques should be included: Spin Echo (SE), Inversion Recovery (IR), Gradient Echo (GRE), Turbo Spin Echo, Fast Spin Echo (TSE, FSE), Echo Planar imaging (EPI).	The following imaging techniques are included: Spin Echo (SE), Inversion Recovery (IR), Gradient Echo (GRE), Turbo Spin Echo, Fast Spin Echo (TSE, FSE), Echo Planar imaging (EPI).	COMPLY
Gradient coil:		
Gradient output approx. 0.7 MVA	Max. output voltage 1350 V Max. output current 150 A	COMPLY
Minimal field of view below 10 mm		
Maximum amplitude above 30mT/m	Vector Amplitude Slew Rate 52mT/m	COMPLY
Maximum amplitude slew rate above 120 T/m/s	Max. eff. slew rate 173 T / m / s	COMPLY
lue: 10,000 or better	10,000	COMPLY
Linearity below 1.5% with maximum FOV	1%	COMPLY
TE time: (2D/3D FFE, 256 matrix) below 0.6 ms	0.3ms	COMPLY
TE time (1000 b-value, 128 matrix) below 70 ms	59 ms	COMPLY
TR time (2D/3D FFE, 256 matrix) below 1.5 ms	1.2ms	COMPLY
Acquisition matrix of 1.024 or better		
Slice thickness 2D: 0.5 mm or better	Slice thickness 2Dmin. 0.1 mm max. 200 mm	COMPLY
Slice thickness 3D: 0.05 mm or better	3Dmin. 0.05 mm max. 20 mm	COMPLY
It should have a license on 3D neuro perfusion , license on cardiac in 3 aspects: 1. Functional, 2. Morphology and 3. Viability	Neuro Perfusion, and Cardiac Advanced Package	COMPLY
MRI workstation for post processing	MRI Workstation included for post processing	COMPLY
Possibilities for upgrades	Yes, possibility for upgrades	COMPLY
Patient table:		
Motorized table in vertical and Z direction	Yes, Motorised Table in Vertical and Z direction	COMPLY
vertical height is from 550 mm up to scanner height	58cm to 89cm	COMPLY
Maximum patient weight : 250 kg or better	220kg is sufficient for 60 cm bore	COMPLY
MRI examination table should be movable up and down to accommodate both stretcher or non ambulant.	Yes, MRI table has vertical movement for stretcher and non ambulant patients	COMPLY
Other items: MRI Compatible accessories		
Including Faraday Cage with all the necessary accessories and installation	RF Cabin is included.	COMPLY
Patient trolley is included		
MRI compatible mobile patient monitor – 1 piece	MRI compatible Patient Monitor included	COMPLY
MRI compatible stretcher – 1 piece	MRI Compatible patient trolley included	COMPLY
MRI wheel chairs – 1 piece	MRI Compatible Wheelchair included	COMPLY
MRI compatible injector pump - 1 piece	MRI Compatible injector included	COMPLY
MRI compatible oxygen cylinder 1 piece	MRI compatible Oxygen cylinder provided at separate cost.	COMPLY
MRI weighting scale – 1 piece	Patient Weighing scale included	COMPLY
MRI compatible ECG electrodes – 1 piece	MRI Compatible ECG electrodes- pack of 50 pcs	COMPLY

ASKED SPECIFICATIONS	OFFERED SPECIFICATIONS	COMPLY/ NOT COMPLY
MRI Two ways communication system – 1 piece	MRI Intercom for Patient to operator communication	COMPLY
MRI entertainment system with headphones	Interface for connection of a MP3 or Smartphone to the MRI for patient to listen to music through Headphones	COMPLY
MRI compatible airway laryngoscopes (for adult and Paediatrics) – 2 pieces	MRI compatible Laryngoscope, 2 pcs	COMPLY
MRI compatible patient beds – 2 pieces	MRI compatible Patient Stretcher 2 pcs At separate price	COMPLY
MRI compatible fire extinguisher	MRI Compatible Fire Extinguisher included. Filling of the Cylinder has to be done by the USER.	COMPLY
Total metal detector – 1 piece	Hand Held Metal detector is included.	COMPLY
Electrical systems:		
Including Universal Power Supply with 15 minutes backup capacity and voltage regulation of approx. +/- 25% from the normal voltage level for the workstation and monitors.	UPS system with 15 min backup for complete MRI System is included.	COMPLY
'uding Universal Power Supply with backup capacity for the patient bed, so to make it possible to retract the patient table from the gantry in case of a power failure.	The supplied UPS covers the back up of the Patient bed, in case of retreival of patient in emergancy or during a power failure.	COMPLY
Including voltage regulator with range of approx. +/- 25% from the normal voltage level and 20% from the three -phased voltage level. Unit is connected to all electrical devices.	NOT INCLUDED, as a UPS is provided with similar requriements	COMPLY
Training, Installation and Utilization		
Requirements for commissioning: Manufacturer/supplier should perform installation, safety and operation checks before handover. Acceptance tests to be specified and local clinical and technical staff to verify proper and full functioning of device.	Yes we will perform installation, safety and operation checks before handover. Full report generation from MRI System and will be supplied to the Users and technical staff.	COMPLY
Training of user/s: Application specialist shall provide training for users in operation and basic maintenance for all radiologists and all radiographers and refresher training on site every year for 5 years.	Application Specialist will provide training for users in operation and basic maintenance for Radiologists and radiographers immediately after installation. Refresher training on site once each year for the next 4 years.	COMPLY
C mprehensive service training for 1 BME at Manufacturer's site.	Cost for the training is provided separately.	COMPLY
Warranty and Maintenance		
2 year warranty, three years comprehensive Maintenance and spare parts inclusive. Lifetime support; spare parts, consumables should be available throughout the lifetime period of the machine.	Total 5 years warranty is included. Life support for spare is available throughout the life of the machine. Consumables so long as they are provided by the Manufacturer shall be available	COMPLY
Uptake time should be a minimum of 90%.	Uptime wil be 90%.	COMPLY
Proof of locally available technical support personnel, including CVs and work permit for foreign personnel.	Certificates Submitted	COMPLY
Availability of technical personnel within the country should be stated; this should include CVs, work permits for foreign personnel.	All our technical personnel are Tanzanians.	COMPLY
Software should be flexible and provide the room for upgrade to add new parameters to be measured by the Machine and report format.	Flexible and upgradeable software	COMPLY

ASKED SPECIFICATIONS	OFFERED SPECIFICATIONS	COMPLY/ NOT COMPLY
WORKSTATIONS: (Total two (1 at operator console room & 1 at Radiologist room)	Two Workstations	COMPLY
1. Should have Flat screen Medical Diagnostic monitor (minimum 1Mega pixels coloured) of **at least 24"** with fast image refresh rate should be fast and preferably instantaneous and flicker free with Hard Disk of 1TB or more, capable of simultaneous viewing of all post processing functions and filming independently without the help of main console. Data transfer between the operator console & the satellite workstation should be instantaneous.	Yes, Workstations are included as required.	COMPLY
2. Should have 3GHz or latest processor with 16GB RAM.	3.6GHz, 16GB RAM	COMPLY
3. Should have lung nodule evaluation software as standard.		
4. MRI Angio – post processing software should include VRT, MIP, 3D SSD, Image fusion.	MRI Angio with VRT, MIP, 3D SSD, Image Fusion etc is included	COMPLY
The advance vessel analysis, auto bone removal, small volume quantification, MRI Colonography with polyp measurement and auto registration of prone and supine views. MRI reporting should be possible independently of workstation.	The function described is partly based on CT functions. However the relevant ones for MRI are included.	COMPLY
6. Digital Subtraction Angiography should be available for Neuro Angiography	This is a CT function. Not an MRI one	COMPLY
7. System should be offered with complete & latest Cardiac Post Processing packages on workstation.	Included.	COMPLY
8. Advanced Neuro package to be offered.		
a. Hemoperfusion MRI: Evaluation of dynamic MRI data of Brain. Different Diagnosis of Acute ischemic stroke. Assessment of dynamic cerebral perfusion, CBV, CBF, TTP and tissue at risk classification.	Yes, Neuroperfusion software	COMPLY
b. Tumour evaluation: Automated evaluation of Blood Brain Barrier disruptions in Brain Tumour.	Yes, Neuroperfusion software	COMPLY
c. Neuro perfusion weighted map (NWM): Visualization of colour coded source images for 3D display of acute stroke.		
d. Neuro DSA MRI should provide Visualization of intracranial vascular structures based on digital bone removal.	This is a CT function. Not an MRI one	COMPLY
9. The system should be user friendly with all functions menu driven. It should be modern user interface and 50 DVD blank (medical grade) should be provided.		
10. All workstations should be full loaded with licensed post processing software capability.	Yes, included	COMPLY
Documentation: Operating and service manuals (in English) including lists of important spares and accessories - with their part numbers and list of equipment and procedures required for calibration and routine maintenance should be provided. Documentation must also show recommended procedures for disposal and any probable hazards to the environment and/or community.	Documents are provided.	COMPLY
Life span: Life span of the machine should be not less than 10 Years.	Life span 10 years	COMPLY

ASKED SPECIFICATIONS	OFFERED SPECIFICATIONS	COMPLY/ NOT COMPLY
Risk Classification: As per ISO 14971:2007- Application of risk management to medical devices.		
Regulatory Approval / Certification: TAEC, TBS and TMDA	Available	COMPLY
SYSTEM INTEGRATION		
	System Integration for	COMPLY
- DICOM	- DICOM	COMPLY
- MRI image storage SCU/SCP	- MRI image storage SCU/SCP	COMPLY
- Enhanced MRI storage SCU/SCP	- Enhanced MRI storage SCU/SCP	COMPLY
- ECG waveform SCP/SCU	- ECG waveform SCP/SCU	COMPLY
- Modality worklist SCU	- Modality worklist SCU	COMPLY
- Query/retrieve SCU and SCP	- Query/retrieve SCU and SCP	COMPLY
- Storage commitment SCU	- Storage commitment SCU	COMPLY
- Modality performed procedure step SCU	- Modality performed procedure step SCU	COMPLY
- IHE profiles supported	- IHE profiles supported	COMPLY
- Cloud -based storage option	- Cloud -based storage option, Storage is not included.	COMPLY
- PACS with server	- PACS with server integration, PACS is not supplied.	COMPLY



C.1

TANZANIA

Certificate of Incorporation

Section 15

No **57899**

I HEREBY CERTIFY THAT

PACIFIC DIAGNOTICS LIMITED =======

is this day incorporated under the Companies Act, 2002 and that the Company is Limited.

Given under my hand at Dar es salaam this **9TH** day of **OCTOBER** **TWO THOUSAND AND SIX**

Assistant Registrar of Companies

Special Conditions of Contract

The following Special Conditions of Contract (SCC) shall supplement the General Conditions of Contract (GCC). Whenever there is a conflict, the provisions herein shall prevail over those in the GCC. The corresponding clause number of the GCC is indicated in parentheses.

SCC Clause Number	GCC Clause Number	Amendments of, and Supplements to, Clauses in the General Conditions of Contract
		Definitions (GCC Clause 1)
1.	1.1	The Employer is: **DIRECTOR GENERAL,** **BUGANDO MEDICAL CENTRE,** **P.o. Box 1370,** **Mwanza.** The Project Manager is: **Dr. FABIAN A. MASSAGA (DIRECTOR GENERAL)** The Supplier is: **M/S PACIFIC DIAGNOSTICS LIMITED,** The Supplier Representative is: **Mr. NAFTAL PHILLIP** The Adjudicator is: **Tanzania Institute of Arbitrators (TIArb)** Country of Origin: all countries and territories as indicated in the section of the Tendering Documents, Eligibility for the Provision of Goods, Works and Services. Time for Completion: **120 days.** Time for Completion for all Facilities: *120 days*, and the supplier shall provide Procurement Schedules of all Medical Equipment's delivery.
		Notices (GCC Clause 4)
2.	4.1	Employer's address for notice purposes: **DIRECTOR GENERAL,** **BUGANDO MEDICAL CENTRE,**

		P.O. BOX 1370, **MWANZA.** Supplier address for notice purposes: **MS: PACIFIC DIAGNOSTICS LTD, P.O. BOX 34056, DAR ES SALAAM**
Governing Law (GCC Clause 5)		
3.	5.1	GCC 5.1 – The Contract shall be interpreted in accordance with the laws of the **United Republic of Tanzania.**
Settlement of Disputes (GCC Clause 6)		
4.	6.1.3	Adjudicator's hourly fee: **TO BE AGREED BY THE PARTIES**
5	6.1.4	Appointing Authority for Adjudicator: **Tanzania Institute of Arbitrators (TIArb)**
6	6.2.3	Rules of procedure for arbitration proceedings: (a) Contracts with nationals of the United Republic of Tanzania: *For contracts entered into with a national of the United Republic of Tanzania, the Contract may provide for adjudication/arbitration in accordance with the law of the United Republic of Tanzania.* ***For such contracts, the following sample clause should be inserted:*** GCC 6.2.3 (b)--Any dispute between the Employer and a Supplier who is a national of the United Republic of Tanzaniaarising in connection with the present Contract shall be referred to adjudication or arbitration in accordance with the laws of the United Republic of Tanzania. *The Tendering Documents should contain one clause to be retained in the event of a Contract with a foreign Supplier and one clause to be retained in the event of a Contract with a Supplier who is a national of the United Republic of Tanzania. At the time of finalizing the Contract, the respective applicable clause should be retained in the Contract. The following explanatory note should therefore be inserted as a header to GCC 6.2.3 in the Tendering Document.* *"Clause 6.2.3 (a) shall be retained in the case of a Contract with a foreign*

		Supplier and clause 6.2.3 (b) shall be retained in the case of a Contract with a national of the United Republic of Tanzania."
Scope of Facilities [Spare Parts] (GCC Clause 7)		
7.	7.3	The Supplier agrees to supply spare parts for a period of years: **Five (5) years mandatory with the extension to support for another 15 years to come.**
8.	7.4	The Supplier shall carry sufficient inventories to ensure an ex-stock supply of consumable spares for the goods. Other spare parts and components shall be supplied as promptly as possible, but at the most within six (6) months of placing the order. In addition, in the event of termination of the production of spare parts, advance notification will be made to the Employer of the pending termination, with sufficient time to permit the Employer to procure the needed requirement. Following such termination, the Supplier will furnish to the extent possible and at no cost to the Employer the blueprints, drawings and specifications of the spare parts, if requested.
Time for Commencement and Completion (GCC Clause 8)		
9.	8.1	The Supplier shall commence work on the Facilities from the Effective Date for determining Time for Completion as specified in the Contract Agreement.
10.	8.2	The Completion of the Facilities shall be attained within 120 days
Contract Price (GCC Clause 11)		
11.	11.2	The Contract Price shall be adjusted in accordance with the provisions of the corresponding Appendix (Price Adjustment) to the Contract Agreement **Not subject to adjustment.**
Securities (GCC Clause 13)		

12.	13.3.1	The amount of performance security, as a percentage of the Contract Price for the Facility or for the part of the Facility for which a separate time for Completion is provided, shall be: **twenty five percent (25%).**
13.	13.3.2	The performance security shall be in the form of the **bank guarantee as agreed during negotiation.**
14.	13.3.3	The performance security shall be reduced to ten percent (10%) of the value of the component covered by the extended warranty to cover the Supplier extended warranty in accordance with the provision in the SCC, pursuant to GCC sub-Clause 27.10.
Work Programme (GCC Clause 18)		
15.	18.2	The form of the programme of performance of the Contract shall be: **form of the critical path method (CPM)**
Commissioning and Operational Acceptance (GCC Clause 25)		
16.	25.2.2	The Guarantee Test of the Facilities shall be successfully completed within **45 days** *from* the date of Completion.
Completion Time Guarantee (GCC Clause 26)		
17.	26.2	Applicable rate for liquidated damages: **0.15 percent per day.** Maximum deduction for liquidated damages: is equal to the Performance Security quoted.
18.	26.3	Not Applicable for the bonus for early Completion: Maximum bonus: No bonus will be given for earlier Completion of the Facilities or part thereof.
Defect Liability (GCC Clause 27)		
19.	27.10	The critical components covered under the extended warranty are all critical parts as per technical specification attached herewith and the period shall be within 5 years after extension.

Completion – Guarantee Test – Acceptance (GCC Clauses 24.3 and 25.2)		
20.	24.3 and 25.2	20.1 In the event that the Supplier is unable to proceed with the Pre-commissioning of the Facilities pursuant to sub-Clause 24.3, or with the Guarantee Test pursuant to sub-Clause 25.2, for reasons attributable to the Employer either on account of non-availability of other facilities under the responsibilities of other supplier(s), or for reasons beyond the Employer's control, the provisions leading to "deemed" completion of activities such as Completion, pursuant to GCC sub-Clause 24.6, and Operational Acceptance, pursuant to GCC sub-Clause 25.3.4, and Supplier's obligations regarding Defect Liability Period, pursuant to GCC sub-Clause 27.2, Functional Guarantee, pursuant to GCC Clause 28, and Care of Facilities, pursuant to GCC Clause 32, and GCC Clause 41.1, Suspension, shall not apply. In this case, the following provisions shall apply. 20.2 When the Supplier is notified by the Project Manager that he will be unable to proceed with the activities and obligations pursuant to above sub-Clause 13.1, the Supplier shall be entitled to the following: (a) the Time of Completion shall be extended for the period of suspension without imposition of liquidated damages pursuant to GCC sub-Clause 26.2; (b) payments due to the Supplier in accordance with the provision specified in the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement, which would not have been payable in normal circumstances due to non-completion of the subject activities, shall be released to the Supplier against submission of a security in the form of a bank guarantee of equivalent amount acceptable to the Employer, and which shall become null and void when the Supplier will have complied with its obligations regarding those payments, subject to the provision of sub-Clause 13.3 below; (c) the expenses towards the above security and extension of other securities under the contract, of which validity needs to be extended, shall be reimbursed to the Supplier by the Employer;

		(d) the additional charges towards the care of the Facilities pursuant to GCC sub-Clause 32.1 shall be reimbursed to the Supplier by the Employer for the period between the notification mentioned above and the notification mentioned in sub-Clause 13.4 below. The provision of GCC sub-Clause 33.2 shall apply to the Facilities during the same period. 20.3 In the event that the period of suspension under above sub-Clause 13.1 actually exceeds one hundred eighty (180) days, the Employer and Supplier shall mutually agree to any additional compensation payable to the Supplier. 20.4 When the Supplier is notified by the Project Manager that the plant is ready for Pre-commissioning, the Supplier shall proceed without delay in performing all the specified activities and obligations under the contract.

GENERAL CONDITION

A. Contract and Interpretation

1.	**Definitions**	1.1	The following words and expressions shall have the meanings hereby assigned to them: "Contract" means the Contract Agreement entered into between the Employer and the Supplier, together with the Contract Documents referred to therein; they shall constitute the Contract, and the term "the Contract" shall in all such documents be construed accordingly. "Contract Documents" means the documents listed in Article 1.1 (Contract Documents) of the Form of Contract Agreement (including any amendments thereto). "GCC" means the General Conditions of Contract hereof. "SCC" means the Special Conditions of Contract. "Day" means calendar day.. "Month" means calendar month.. "Employer" means the person named as such in the SCC and includes the legal successors or permitted assigns of the Employer. "Project Manager" means the person appointed by the Employer in the manner provided in GCC sub-Clause 17.1 (Project Manager) hereof and named as such in the SCC to perform the duties delegated by the Employer. "Supplier" means the person(s) whose tender to perform the Contract has been accepted by the Employer and is named as such in the Contract Agreement, and includes the legal successors or permitted assigns of the Supplier. "Supplier's Representative" means any person nominated by the Supplier and named as such in the SCC and approved by the Employer in the manner provided in GCC sub-Clause 17.2 (Supplier's Representative and Construction Manager) hereof to perform the duties delegated by the Supplier. "Subsupplier," including vendors, means any person to whom execution of any part of the Facilities, including preparation of any design or supply of any Goods, is sub-contracted directly or indirectly by the Supplier, and includes its legal successors or permitted assigns.

			"Adjudicator" means the person or persons named as such in the SCC appointed by agreement between the Employer and the Supplier to make a decision on or to settle any dispute or difference between the Employer and the Supplier referred to him or her by the parties pursuant to GCC sub-Clause 6.1 (Adjudicator) hereof. "Contract Price" means the sum specified in Article 2.1 (Contract Price) of the Contract Agreement, subject to such additions and adjustments thereto or deductions there from, as may be made pursuant to the Contract. "Facilities" means the Goods to be supplied and installed, as well as all the Installation Services to be carried out by the Supplier under the Contract. "Force Majeure" shall mean any event beyond the reasonable control of the Employer or of the Supplier, as the case may be, and which is unavoidable notwithstanding the reasonable care of the party affected. "Goods" means permanent plant, equipment, machinery, apparatus, articles and things of all kinds to be provided and incorporated in the Facilities by the Supplier under the Contract (including the spare parts to be supplied by the Supplier under GCC sub-Clause 7.3 hereof), but does not include Supplier's Equipment. "Installation Services" means all those services ancillary to the supply of the Goods for the Facilities, to be provided by the Supplier under the Contract; e.g., transportation and provision of marine or other similar insurance, inspection, expediting, site preparation works (including the provision and use of Supplier's Equipment and the supply of all construction materials required), installation, testing, pre-commissioning, commissioning, operations, maintenance, the provision of operations and maintenance manuals, training, etc. "Supplier's Equipment" means all plant, facilities, equipment, machinery, tools, apparatus, appliances or things of every kind required in or for installation, completion and maintenance of Facilities that are to be provided by the Supplier, but does not include Goods, or other things intended to form or forming part of the Facilities. "Country of Origin" means the countries and territories eligible under the PPA 2004 and its corresponding Regulations as further elaborated in the SCC. "Site" means the land and other places upon which the Facilities are to be installed, and such other land or places as may be specified in the Contract as forming part of the Site.

			"Effective Date" means the date of fulfillment of all conditions stated in Article 3 (Effective Date for Determining Time for Completion) of the Form of Contract Agreement, for the purpose of determining the Time for Completion. "Time for Completion" means the time within which Completion of the Facilities as a whole (or of a part of the Facilities where a separate Time for Completion of such part has been prescribed) is to be attained in accordance with the specifications in the SCC and the relevant provisions of the Contract. "Completion" means that the Facilities (or a specific part thereof where specific parts are specified in the SCC) have been completed operationally and structurally and put in a tight and clean condition, and that all work in respect of Pre-commissioning of the Facilities or such specific part thereof has been completed; in other words, that the Facilities or specific part thereof are ready for Commissioning as provided in GCC Clause 24 (Completion) hereof. "Pre-commissioning" means the testing, checking and other requirements specified in the Technical Specifications that are to be carried out by the Supplier in preparation for Commissioning as provided in GCC Clause 24 (Completion) hereof. "Commissioning" means operation of the Facilities or any part thereof by the Supplier following Completion, which operation is to be carried out by the Supplier as provided in GCC sub-Clause 25.1 (Commissioning) hereof, for the purpose of carrying out Guarantee Test(s). "Guarantee Test(s)" means the test(s) specified in the Technical Specifications to be carried out to ascertain whether the Facilities or a specified part thereof is able to attain the Functional Guarantees specified in the Technical Specifications in accordance with the provisions of GCC sub-Clause 25.2 (Guarantee Test) hereof. "Operational Acceptance" means the acceptance by the Employer of the Facilities (or any part of the Facilities where the Contract provides for acceptance of the Facilities in parts), which certifies the Supplier's fulfillment of the Contract in respect of Functional Guarantees of the Facilities (or the relevant part thereof) in accordance with the provisions of GCC Clause 28 (Functional Guarantees) hereof and shall include deemed acceptance in accordance with GCC Clause 25 (Commissioning and Operational Acceptance) hereof. "Defect Liability Period" means the period of validity of the warranties given by the Supplier commencing at Completion of the Facilities or a part thereof, during which the Supplier is responsible for defects with respect to the Facilities (or the relevant part

			thereof) as provided in GCC Clause 27 (Defect Liability) hereof.
2.	**Contract Documents**	2.1	Subject to Article 1.2 (Order of Precedence) of the Contract Agreement, all documents forming part of the Contract (and all parts thereof) are intended to be correlative, complementary and mutually explanatory. The Contract shall be read as a whole.
3.	**Interpretation**	3.1	<u>Language</u> 3.1.1 Unless the Supplier is a national of the United Republic of Tanzania and the Employer and the Supplier agree to use the national language, all Contract Documents, all correspondence and communications to be given, and all other documentation to be prepared and supplied under the Contract shall be written in English, and the Contract shall be construed and interpreted in accordance with that language. 3.1.2 If any of the Contract Documents, correspondence or communications are prepared in any language other than the governing language under GCC sub-Clause 3.1.1 above, the English translation of such documents, correspondence or communications shall prevail in matters of interpretation.
		3.2	<u>Singular and Plural</u> The singular shall include the plural and the plural the singular, except where the context otherwise requires.
		3.3	<u>Headings</u> The headings and marginal notes in the General Conditions of Contract are included for ease of reference, and shall neither constitute a part of the Contract nor affect its interpretation.
		3.4	<u>Persons</u> Words importing persons or parties shall include firms, corporations and government entities.
		3.5	<u>Incoterms</u> Unless inconsistent with any provision of the Contract, the meaning of any trade term and the rights and obligations of parties there under shall be as prescribed by *Incoterms*. *Incoterms* means international rules for interpreting trade terms published by the International Chamber of Commerce (latest edition), 38 Cours Albert 1er, 75008 Paris, France.

		3.6	Entire Agreement Subject to GCC sub-Clause 16.4 hereof, the Contract constitutes the entire agreement between the Employer and Supplier with respect to the subject matter of Contract and supersedes all communications, negotiations and agreements (whether written or oral) of parties with respect thereto made prior to the date of Contract.
		3.7	Amendment No amendment or other variation of the Contract shall be effective unless it is in writing, is dated, expressly refers to the Contract, and is signed by a duly authorized representative of each party hereto.
		3.8	Independent Supplier The Supplier shall be an independent supplier performing the Contract. The Contract does not create any agency, partnership, joint venture or other joint relationship between the parties hereto. Subject to the provisions of the Contract, the Supplier shall be solely responsible for the manner in which the Contract is performed. All employees, representatives or Subsuppliers engaged by the Supplier in connection with the performance of the Contract shall be under the complete control of the Supplier and shall not be deemed to be employees of the Employer, and nothing contained in the Contract or in any subcontract awarded by the Supplier shall be construed to create any contractual relationship between any such employees, representatives or Subsuppliers and the Employer.
		3.9	Joint Venture or Consortium If the Supplier is a joint venture or consortium of two or more persons, all such firms shall be jointly and severally bound to the Employer for the fulfillment of the provisions of the Contract and shall designate one of such persons to act as a leader with authority to bind the joint venture or consortium. The composition or the constitution of the joint venture or consortium shall not be altered without the prior consent of the Employer.
		3.10	Non-Waiver 3.10.1 Subject to GCC sub-Clause 3.10.2 below, no relaxation, forbearance, delay or indulgence by either party in enforcing any of the terms and conditions of the Contract or the granting of time by either party to the other shall prejudice, affect or restrict the rights of that party under the Contract, nor shall any waiver by either party of any breach of Contract operate as waiver of any subsequent or continuing breach of Contract. 3.10.2 Any waiver of a party's rights, powers or remedies under the Contract must be in writing, must be dated and signed by an authorized representative of the party granting such waiver, and

			must specify the right and the extent to which it is being waived.
		3.11	Severability If any provision or condition of the Contract is prohibited or rendered invalid or unenforceable, such prohibition, invalidity or unenforceability shall not affect the validity or enforceability of any other provisions and conditions of the Contract.
		3.12	Country of Origin "Origin" means the place where the materials, equipment and other supplies for the Facilities are mined, grown, produced or manufactured, and from which the services are provided.
4.	**Notices**	4.1	Unless otherwise stated in the Contract, all notices to be given under the Contract shall be in writing, and shall be sent by personal delivery, airmail post, special courier, cable, telegraph, telex, facsimile or Electronic Data Interchange (EDI) to the address of the relevant party set out in the SCC, with the following provisions: 4.1.1 Any notice sent by cable, telegraph, telex, facsimile or EDI shall be confirmed within two (2) days after dispatch by notice sent by airmail post or special courier, except as otherwise specified in the Contract. 4.1.2 Any notice sent by airmail post or special courier shall be deemed (in the absence of evidence of earlier receipt) to have been delivered ten (10) days after dispatch. In proving the fact of dispatch, it shall be sufficient to show that the envelope containing such notice was properly addressed, stamped and conveyed to the postal authorities or courier service for transmission by airmail or special courier. 4.1.3 Any notice delivered personally or sent by cable, telegraph, telex, facsimile or EDI shall be deemed to have been delivered on date of its dispatch. 4.1.4 Either party may change its postal, cable, telex, facsimile or EDI address or addressee for receipt of such notices by ten (10) days' notice to the other party in writing.
		4.2	Notices shall be deemed to include any approvals, consents, instructions, orders and certificates to be given under the Contract.
5.	**Governing Law**	5.1	The Contract shall be governed by and interpreted in accordance with laws of the United Republic of Tanzania.

6.	**Settlement of Disputes**	6.1	Adjudicator 6.1.1 If any dispute of any kind whatsoever shall arise between the Employer and the Supplier in connection with or arising out of the Contract, including without prejudice to the generality of the foregoing, any question regarding its existence, validity or termination, or the execution of the Facilities – whether during the progress of the Facilities or after their completion and whether before or after the termination, abandonment or breach of the Contract – the parties shall seek to resolve any such dispute or difference by mutual consultation. If the parties fail to resolve such a dispute or difference by mutual consultation, then the dispute shall be referred in writing by either party to the Adjudicator, with a copy to the other party. 6.1.2 The Adjudicator shall give its decision in writing to both parties within twenty-eight (28) days of a dispute being referred to it. If the Adjudicator has done so, and no notice of intention to commence arbitration has been given by either the Employer or the Supplier within fifty-six (56) days of such reference, the decision shall become final and binding upon the Employer and the Supplier. Any decision that has become final and binding shall be implemented by the parties forthwith. 6.1.3 The Adjudicator shall be paid an hourly fee at the rate specified in the SCC plus reasonable expenditures incurred in the execution of its duties as Adjudicator, and these costs shall be divided equally between the Employer and the Supplier. 6.1.4 Should the Adjudicator resign or die, or should the Employer and the Supplier agree that the Adjudicator is not fulfilling its functions in accordance with the provisions of the Contract, a new Adjudicator shall be jointly appointed by the Employer and the Supplier. Failing agreement between the two within twenty-eight (28) days, the new Adjudicator shall be appointed at the request of either party by the Appointing Authority specified in the SCC.
		6.2	Arbitration 6.2.1 If either the Employer or the Supplier is dissatisfied with the Adjudicator's decision, or if the Adjudicator fails to give a decision within twenty-eight (28) days of a dispute being referred to it, then either the Employer or the Supplier may, within fifty-six (56) days of such reference, give notice to the other party, with a copy for information to the Adjudicator, of its intention to commence arbitration, as hereinafter provided, as to the matter in dispute, and no arbitration in respect of this matter may be commenced unless such notice is given. 6.2.2 Any dispute in respect of which a notice of intention to commence arbitration has been given, in accordance with GCC sub-Clause 6.2.1, shall be finally settled by arbitration.

			Arbitration may be commenced prior to or after completion of the Facilities. 6.2.3 Arbitration proceedings shall be conducted in accordance with the rules of procedure designated in the SCC.
		6.3	Notwithstanding any reference to the Adjudicator or arbitration herein, (a) the parties shall continue to perform their respective obligations under the Contract unless they otherwise agree (b) the Employer shall pay the Supplier any monies due the Supplier.

B. Subject Matter of Contract

7.	**Scope of Facilities**	7.1	Unless otherwise expressly limited in the Technical Specifications, the Supplier's obligations cover the provision of all Goods and the performance of all Installation Services required for the design, the manufacture (including procurement, quality assurance, construction, installation, associated civil works, Pre-commissioning and delivery) of the Goods and the installation, completion and commissioning of the Facilities in accordance with the plans, procedures, specifications, drawings, codes and any other documents as specified in the Technical Specifications. Such specifications include, but are not limited to, the provision of supervision and engineering services; the supply of labour, materials, equipment, spare parts (as specified in GCC sub-Clause 7.3 below) and accessories; Supplier's Equipment; construction utilities and supplies; temporary materials, structures and facilities; transportation (including, without limitation, unloading and hauling to, from and at the Site); and storage, except for those supplies, works and services that will be provided or performed by the Employer, as set forth in the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement.
		7.2	The Supplier shall, unless specifically excluded in the Contract, perform all such work and/or supply all such items and materials not specifically mentioned in the Contract but that can be reasonably inferred from the Contract as being required for attaining Completion of the Facilities as if such work and/or items and materials were expressly mentioned in the Contract.
		7.3	In addition to the supply of Mandatory Spare Parts included in the Contract, the Supplier agrees to supply spare parts required for the operation and maintenance of the Facilities for the period specified in the Special Conditions of Contract. However, the identity, specifications and quantities of such spare parts and the terms and conditions relating to the supply thereof are to be agreed between the Employer and the Supplier, and the price of such spare parts shall be that given in Price Schedule No. 6, which shall be added to the Contract Price. The price of such spare parts

			shall include the purchase price therefore and other costs and expenses (including the Supplier's fees) relating to the supply of spare parts.
8.	**Time for Commencement and Completion**	8.1	The Supplier shall commence work on the Facilities within the period specified in the SCC and without prejudice to GCC sub-Clause 26.2 hereof, the Supplier shall thereafter proceed with the Facilities in accordance with the time schedule specified in the corresponding Appendix (Time Schedule) to the Contract Agreement.
		8.2	The Supplier shall attain Completion of the Facilities (or of a part where a separate time for Completion of such part is specified in the Contract) within the time stated in the SCC or within such extended time to which the Supplier shall be entitled under GCC Clause 40 hereof.
9.	**Supplier's Responsibilities**	9.1	The Supplier shall design, manufacture (including associated purchases and/or subcontracting), install and complete the Facilities with due care and diligence in accordance with the Contract.
		9.2	The Supplier confirms that it has entered into this Contract on the basis of a proper examination of the data relating to the Facilities (including any data as to boring tests) provided by the Employer, and on the basis of information that the Supplier could have obtained from a visual inspection of the Site (if access thereto was available) and of other data readily available to it relating to the Facilities as of the date twenty-eight (28) days prior to tender submission. The Supplier acknowledges that any failure to acquaint itself with all such data and information shall not relieve its responsibility for properly estimating the difficulty or cost of successfully performing the Facilities.
		9.3	The Supplier shall acquire in its name all permits, approvals and/or licenses from all local, state or national government authorities or public service undertakings in the United Republic of Tanzania where the Site is located that are necessary for the performance of the Contract, including, without limitation, visas for the Supplier's and Subsupplier's personnel and entry permits for all imported Supplier's Equipment. The Supplier shall acquire all other permits, approvals and/or licenses that are not the responsibility of the Employer under GCC sub-Clause 10.3 hereof and that are necessary for the performance of the Contract.
		9.4	The Supplier shall comply with all laws in force in the United Republic of Tanzania and local bylaws where the Facilities are installed and where the Installation Services are carried out. The laws will include all local, state, national or other laws that affect the performance of the Contract and bind upon the Supplier. The Supplier shall indemnify and hold harmless the Employer from and against any and all liabilities, damages, claims, fines,

			penalties and expenses of whatever nature arising or resulting from the violation of such laws by the Supplier or its personnel, including the Subsuppliers and their personnel, but without prejudice to GCC sub-Clause 10.1 hereof.
		9.5	Any Plant, Material and Services that will be incorporated in or be required for the Facilities and other supplies shall have their origin as specified under GCC Clause 1 (Country of Origin).
		9.6	The Supplier shall permit the PE to inspect the Supplier's accounts and records relating to the performance of the Supplier and to have them audited by auditors appointed by the PE, if so required by the PE
10.	**Employer's Responsibilities**	10.1	The Employer shall ensure the accuracy of all information and/or data to be supplied by the Employer as described in the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract, except when otherwise expressly stated in the Contract.
		10.2	The Employer shall be responsible for acquiring and providing legal and physical possession of the Site and access thereto, and for providing possession of and access to all other areas reasonably required for the proper execution of the Contract, including all requisite rights of way, as specified in the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement. The Employer shall give full possession of an accord all rights of access thereto on or before the date(s) specified in that Appendix.
		10.3	The Employer shall acquire and pay for all permits, approvals and/or licenses from all local, state or national government authorities or public service undertakings in the United Republic of Tanzania. Such authorities or undertakings require the Employer to obtain them in the Employer's name, are necessary for the execution of the Contract (they include those required for the performance by both the Supplier and the Employer of their respective obligations under the Contract), and are specified in the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement.
		10.4	If requested by the Supplier, the Employer shall use its best endeavors to assist the Supplier in obtaining in a timely and expeditious manner all permits, approvals and/or licenses necessary for the execution of the Contract from all local, state or national government authorities or public service undertakings that such authorities or undertakings require the Supplier or Subsuppliers or the personnel of the Supplier or Subsuppliers, as the case may be, to obtain.
		10.5	Unless otherwise specified in the Contract or agreed upon by the Employer

			and the Supplier, the Employer shall provide sufficient, properly qualified operating and maintenance personnel; shall supply and make available all raw materials, utilities, lubricants, chemicals, catalysts, other materials and facilities; and shall perform all work and services of whatsoever nature, including those required by the Supplier to properly carry out Pre-commissioning, Commissioning and Guarantee Tests, all in accordance with the provisions of the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement at or before the time specified in the programme furnished by the Supplier under GCC sub-Clause 18.2 hereof and in the manner thereupon specified or as otherwise agreed upon by the Employer and the Supplier.
		10.6	The Employer shall be responsible for the continued operation of the Facilities after Completion, in accordance with GCC sub-Clause 24.8, and shall be responsible for facilitating the Guarantee Test(s) for the Facilities, in accordance with GCC sub-Clause 25.2.
		10.7	All costs and expenses involved in the performance of the obligations under this GCC Clause 10 shall be the responsibility of the Employer, save those to be incurred by the Supplier with respect to the performance of Guarantee Tests, in accordance with GCC sub-Clause 25.2.

C. Payment

11.	**Contract Price**	11.1	The Contract Price shall be as specified in Article 2 (Contract Price and Terms of Payment) of the Form of Contract Agreement.
		11.2	Unless indicated otherwise in the SCC, the Contract Price shall be a firm lump sum not subject to any alteration, except in the event of a Change in the Facilities or as otherwise provided in the Contract.
		11.3	Subject to GCC sub-Clauses 9.2, 10.1 and 35 hereof, the Supplier shall be deemed to have satisfied itself as to the correctness and sufficiency of the Contract Price, which shall, except as otherwise provided for in the Contract, cover all its obligations under the Contract.
12.	**Terms of Payment**	12.1	The Contract Price shall be paid as specified in the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement. The procedures to be followed in making application for and processing payments shall be those outlined in the same Appendix.
		12.2	No payment made by the Employer herein shall be deemed to constitute acceptance by the Employer of the Facilities or any part(s)

			thereof.
		12.3	In the event that the Employer fails to make any payment by its respective due date or within the period set forth in the Contract, the Employer shall pay to the Supplier interest on the amount of such delayed payment at the rate(s) shown in the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement for the period of delay until payment has been made in full, whether before or after judgment or arbitrage award.
		12.4	The currency or currencies in which payments are made to the Supplier under this Contract shall be specified in the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement, subject to the general principle that payments will be made in the currency or currencies in which the Contract Price has been stated in the Supplier's Tendering.
		12.5	All payments shall be made in the currency or currencies specified in the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement, pursuant to GCC 12.4.
13.	**Securities**	13.1	<u>Issuance of Securities</u> The Supplier shall provide the securities specified below in favor of the Employer at the times, and in the amount, manner and form specified below.
		13.2	<u>Advance Payment Security</u> 13.2.1 The Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a security in an amount equal to the advance payment calculated in accordance with the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement, and in the same currency or currencies. 13.2.2 The security shall be in the form provided in the tendering documents or in another form acceptable to the Employer. The amount of the security shall be reduced in proportion to the value of the Facilities executed by and paid to the Supplier from time to time, and shall automatically become null and void when the full amount of the advance payment has been recovered by the Employer. The security shall be returned to the Supplier immediately after its expiration.
		13.3	<u>Performance Security</u> 13.3.1 The Supplier shall, within twenty-eight (28) days of the notification of contract award, provide a security for the due

			performance of the Contract in the amount specified in the SCC. 13.3.2 The security shall be denominated in the currency or currencies of the Contract, or in a freely convertible currency acceptable to the Employer, and shall be in one of the forms of bank guarantees provided in the tendering documents, as stipulated by the Employer in the SCC, or in another form acceptable to the Employer. 13.3.3 The security shall automatically be reduced by half on the date of the Operational Acceptance and shall become null and void, eighteen (18) months after Completion of the Facilities or twelve (12) months after Operational Acceptance of the Facilities, whichever occurs first; provided, however, that if the Defects Liability Period has been extended on any part of the Facilities pursuant to GCC sub-Clause 27.8 hereof, the Supplier shall issue an additional security in an amount proportionate to the Contract Price of that part. The security shall be returned to the Supplier immediately after its expiration, provided, however, that if the Supplier, pursuant to GCC sub-Clause 27.10, is liable for an extended warranty obligation, the performance security shall be extended for the period and up to the amount specified in the SCC.
			13.3.4 Where circumstances necessitate the amendment of the contract after signature, and such amendment is effected, the Employer shall require the Supplier to provide additional Performance Security to cover any cumulative increase of more than ten percent of the Initial Contract Price.
14.	**Taxes and Duties**	14.1	Except as otherwise specifically provided in the Contract, the Supplier shall bear and pay all taxes, duties, levies and charges assessed on the Supplier, its Subsuppliers or their employees by all municipal, state or national government authorities in connection with the Facilities in and outside of the United Republic of Tanzania where the Site is located.
		14.2	Notwithstanding GCC sub-Clause 14.1 above, the Employer shall bear and promptly pay all customs and import duties as well as other local taxes like, e.g., a value added tax (VAT), imposed by the law of the United Republic of Tanzania on the Goods specified in Price Schedule No. 1 and that are to be incorporated into the Facilities.
		14.3	If any tax exemptions, reductions, allowances or privileges may be available to the Supplier in the United Republic of Tanzania, the Employer shall use its best endeavors to enable the Supplier to benefit from any such tax savings to the maximum allowable extent.
		14.4	For the purpose of the Contract, it is agreed that the Contract Price specified in Article 2 (Contract Price and Terms of Payment) of the Form of Contract Agreement is based on the taxes, duties, levies and charges prevailing at the date twenty-eight (28) days prior to the date of tender

			submission in the United Republic of Tanzania (hereinafter called "Tax" in this GCC sub-Clause 14.4). If any rates of Tax are increased or decreased, a new Tax is introduced, an existing Tax is abolished, or any change in interpretation or application of any Tax occurs in the course of the performance of Contract, which was or will be assessed on the Supplier, Subsuppliers or their employees in connection with performance of the Contract, an equitable adjustment of the Contract Price shall be made to fully take into account any such change by addition to the Contract Price or deduction there from, as the case may be, in accordance with GCC Clause 36 hereof.

D. Intellectual Property

15.	**Copyright**	15.1	The copyright in all drawings, documents and other materials containing data and information furnished to the Employer by the Supplier herein shall remain vested in the Supplier or, if they are furnished to the Employer directly or through the Supplier by any third party, including suppliers of materials, the copyright in such materials shall remain vested in such third party.
16.	**Confidential Information**	16.1	The Employer and the Supplier shall keep confidential and shall not, without the written consent of the other party hereto, divulge to any third party any documents, data or other information furnished directly or indirectly by the other party hereto in connection with the Contract, whether such information has been furnished prior to, during or following termination of the Contract. Notwithstanding the above, the Supplier may furnish to its Subsupplier(s) such documents, data and other information it receives from the Employer to the extent required for the Subsupplier(s) to perform its work under the Contract, in which event the Supplier shall obtain from such Subsupplier(s) an undertaking of confidentiality similar to that imposed on the Supplier under this GCC Clause 16.
		16.2	The Employer shall not use such documents, data and other information received from the Supplier for any purpose other than the operation and maintenance of the Facilities. Similarly, the Supplier shall not use such documents, data and other information received from the Employer for any purpose other than the design, procurement of Goods, construction or such other work and services as are required for the performance of the Contract.
		16.3	The obligation of a party under GCC sub-Clauses 16.1 and 16.2 above, however, shall not apply to that information which (a) now or hereafter enters the public domain through no fault of that party (b) can be proven to have been possessed by that party at the time of disclosure and which was not previously obtained, directly or

			indirectly, from the other party hereto (c) otherwise lawfully becomes available to that party from a third party that has no obligation of confidentiality.
		16.4	The above provisions of this GCC Clause 16 shall not in any way modify any undertaking of confidentiality given by either of the parties hereto prior to the date of the Contract in respect of the Facilities or any part thereof.
		16.5	The provisions of this GCC Clause 16 shall survive termination, for whatever reason, of the Contract.

E. Execution of the Facilities

17.	**Representatives**	17.1	<u>Project Manager</u> If the Project Manager is not named in the Contract, then within fourteen (14) days of the Effective Date, the Employer shall appoint and notify the Supplier in writing of the name of the Project Manager. The Employer may from time to time appoint some other person as the Project Manager in place of the person previously so appointed, and shall give a notice of the name of such other person to the Supplier without delay. No such appointment shall be made at such a time or in such a manner as to impede the progress of work on the Facilities. Such appointment shall only take effect upon receipt of such notice by the Supplier. The Project Manager shall represent and act for the Employer at all times during the currency of the Contract. All notices, instructions, orders, certificates, approvals and all other communications under the Contract shall be given by the Project Manager, except as herein otherwise provided. All notices, instructions, information and other communications given by the Supplier to the Employer under the Contract shall be given to the Project Manager, except as herein otherwise provided.
		17.2	<u>Supplier's Representative & Construction Manager</u> 17.2.1 If the Supplier's Representative is not named in the Contract, then within fourteen (14) days of the Effective Date, the Supplier shall appoint the Supplier's Representative and shall request the Employer in writing to approve the person so appointed. If the Employer makes no objection to the appointment within fourteen (14) days, the Supplier's Representative shall be deemed to have been approved. If the Employer objects to the appointment within fourteen (14) days giving the reason therefor, then the Supplier shall appoint a replacement within fourteen (14) days of such objection, and the foregoing provisions of this GCC sub-Clause 17.2.1 shall apply thereto. 17.2.2 The Supplier's Representative shall represent and act for the Supplier at all times during the currency of the Contract and

			shall give to the Project Manager all the Supplier's notices, instructions, information and all other communications under the Contract. All notices, instructions, information and all other communications given by the Employer or the Project Manager to the Supplier under the Contract shall be given to the Supplier's Representative or, in its absence, its deputy, except as herein otherwise provided. The Supplier shall not revoke the appointment of the Supplier's Representative without the Employer's prior written consent, which shall not be unreasonably withheld. If the Employer consents thereto, the Supplier shall appoint some other person as the Supplier's Representative, pursuant to the procedure set out in GCC sub-Clause 17.2.1. 17.2.3 The Supplier's Representative may, subject to the approval of the Employer (which shall not be unreasonably withheld), at any time delegate to any person any of the powers, functions and authorities vested in him or her. Any such delegation may be revoked at any time. Any such delegation or revocation shall be subject to a prior notice signed by the Supplier's Representative, and shall specify the powers, functions and authorities thereby delegated or revoked. No such delegation or revocation shall take effect unless and until a copy thereof has been delivered to the Employer and the Project Manager. Any act or exercise by any person of powers, functions and authorities so delegated to him or her in accordance with this GCC sub-Clause 17.2.3 shall be deemed to be an act or exercise by the Supplier's Representative. 17.2.4 From the commencement of installation of the Facilities at the Site until Completion, the Supplier's Representative shall appoint a suitable person as the construction manager (hereinafter referred to as "the Construction Manager"). The Construction Manager shall supervise all work done at the Site by the Supplier and shall be present at the Site throughout normal working hours except when on leave, sick or absent for reasons connected with the proper performance of the Contract. Whenever the Construction Manager is absent from the Site, a suitable person shall be appointed to act as his or her deputy. 17.2.5 The Employer may by notice to the Supplier object to any representative or person employed by the Supplier in the execution of the Contract who, in the reasonable opinion of the Employer, may behave inappropriately, may be incompetent or negligent, or may commit a serious breach of the Site regulations provided under GCC sub-Clause 22.3. The Employer shall provide evidence of the same, whereupon the Supplier shall remove such person from the Facilities.

			17.2.6 If any representative or person employed by the Supplier is removed in accordance with GCC sub-Clause 17.2.5, the Supplier shall, where required, promptly appoint a replacement.
18.	**Work Programme**	18.1	Supplier's Organization The Supplier shall supply to the Employer and the Project Manager a chart showing the proposed organization to be established by the Supplier for carrying out work on the Facilities. The chart shall include the identities of the key personnel together with the curricula vitae of such key personnel to be employed within twenty-one (21) days of the Effective Date. The Supplier shall promptly inform the Employer and the Project Manager in writing of any revision or alteration of such an organization chart.
		18.2	Programme of Performance Within twenty-eight (28) days after the date of signing the Contract Agreement, the Supplier shall prepare and submit to the Project Manager a detailed programme of performance of the Contract, made in the form specified in the SCC and showing the sequence in which it proposes to design, manufacture, transport, assemble, install and pre-commission the Facilities, as well as the date by which the Supplier reasonably requires that the Employer shall have fulfilled its obligations under the Contract so as to enable the Supplier to execute the Contract in accordance with the programme and to achieve Completion, Commissioning and Acceptance of the Facilities in accordance with the Contract. The programme so submitted by the Supplier shall accord with the Time Schedule included in the corresponding Appendix (Time Schedule) to the Contract Agreement and any other dates and periods specified in the Contract. The Supplier shall update and revise the programme as and when appropriate or when required by the Project Manager, but without modification in the Times for Completion given in the SCC and any extension granted in accordance with GCC Clause 40, and shall submit all such revisions to the Project Manager.
		18.3	Progress Report The Supplier shall monitor progress of all the activities specified in the programme referred to in GCC sub-Clause 18.2 above, and supply a progress report to the Project Manager every month. The progress report shall be in a form acceptable to the Project Manager and shall indicate: (a) percentage completion achieved compared with the planned percentage completion for each activity; and (b) where any activity is behind the programme, giving comments and likely consequences and stating the corrective action being taken.
		18.4	Progress of Performance If at any time the Supplier's actual progress falls behind the programme referred to in GCC sub-Clause 18.2, or it becomes apparent that it will

			so fall behind, the Supplier shall, at the request of the Employer or the Project Manager, prepare and submit to the Project Manager a revised programme, taking into account the prevailing circumstances, and shall notify the Project Manager of the steps being taken to expedite progress so as to attain Completion of the Facilities within the Time for Completion under GCC sub-Clause 8.2, any extension thereof entitled under GCC sub-Clause 40.1, or any extended period as may otherwise be agreed upon between the Employer and the Supplier.
		18.5	Work Procedures The Contract shall be executed in accordance with the Contract Documents and the procedures given in the section on Sample Forms and Procedures of the Contract Documents. The Supplier may execute the Contract in accordance with its own standard project execution plans and procedures to the extent that they do not conflict with the provisions contained in the Contract.
19.	**Subcontracting**	19.1	The corresponding Appendix (List of Approved Subsuppliers) to the Contract Agreement specifies major items of supply or services and a list of approved Subsuppliers against each item, including vendors. Insofar as no Subsuppliers are listed against any such item, the Supplier shall prepare a list of Subsuppliers for such item for inclusion in such list. The Supplier may from time to time propose any addition to or deletion from any such list. The Supplier shall submit any such list or any modification thereto to the Employer for its approval in sufficient time so as not to impede the progress of work on the Facilities. Such approval by the Employer for any of the Subsuppliers shall not relieve the Supplier from any of its obligations, duties or responsibilities under the Contract.
		19.2	The Supplier shall select and employ its Subsuppliers for such major items from those listed in the lists referred to in GCC sub-Clause 19.1.
		19.3	For items or parts of the Facilities not specified in the corresponding Appendix (List of Approved Subsuppliers) to the Contract Agreement, the Supplier may employ such Subsuppliers as it may select, at its discretion.
20.	**Design and Engineering**	20.1	Specifications and Drawings 20.1.1 The Supplier shall execute the basic and detailed design and the engineering work in compliance with the provisions of the Contract, or where not so specified, in accordance with good engineering practice. The Supplier shall be responsible for any discrepancies, errors or omissions in the specifications, drawings and other technical documents that it has prepared, whether such specifications, drawings and other

			documents have been approved by the Project Manager or not, provided that such discrepancies, errors or omissions are not because of inaccurate information furnished in writing to the Supplier by or on behalf of the Employer. 20.1.2 The Supplier shall be entitled to disclaim responsibility for any design, data, drawing, specification or other document, or any modification thereof provided or designated by or on behalf of the Employer, by giving a notice of such disclaimer to the Project Manager.
		20.2	<u>Codes and Standards</u> Wherever references are made in the Contract to codes and standards in accordance with which the Contract shall be executed, the edition or the revised version of such codes and standards current at the date twenty-eight (28) days prior to date of tender submission shall apply unless otherwise specified. During Contract execution, any changes in such codes and standards shall be applied after approval by the Employer and shall be treated in accordance with GCC Clause 39.
		20.3	<u>Approval/Review of Technical Documents by Project Manager</u> 20.3.1 The Supplier shall prepare (or cause its Subsuppliers to prepare) and furnish to the Project Manager the documents listed in the corresponding Appendix (List of Documents for Approval or Review) to the Contract Agreement for its approval or review as specified and in accordance with the requirements of GCC sub-Clause 18.2 (Programme of Performance). Any part of the Facilities covered by or related to the documents to be approved by the Project Manager shall be executed only after the Project Manager's approval thereof. GCC sub-Clauses 20.3.2 through 20.3.7 shall apply to those documents requiring the Project Manager's approval, but not to those furnished to the Project Manager for its review only. 20.3.2 Within fourteen (14) days after receipt by the Project Manager of any document requiring the Project Manager's approval in accordance with GCC sub-Clause 20.3.1, the Project Manager shall either return one copy thereof to the Supplier with its approval endorsed thereon or shall notify the Supplier in writing of its disapproval thereof and the reasons therefore and the modifications that the Project Manager proposes. If the Project Manager fails to take such action within the said fourteen (14) days, then the said document shall be deemed to have been approved by the Project Manager. 20.3.3 The Project Manager shall not disapprove any document, except on the grounds that the document does not comply with some specified provision of the Contract or that it is contrary to good

			engineering practice. 20.3.4 If the Project Manager disapproves the document, the Suppliershall modify the document and resubmit it for the Project Manager's approval in accordance with GCC Sub-Clause 20.3.2. If the Project Manager approves the document subject to modification(s), the Supplier shall make the required modification(s), whereupon the document shall be deemed to have been approved. 20.3.5 If any dispute or difference occurs between the Employer and the Supplier in connection with or arising out of the disapproval by the Project Manager of any document and/or any modification(s) thereto that cannot be settled between the parties within a reasonable period, then such dispute or difference may be referred to an Adjudicator for determination in accordance with GCC sub-Clause 6.1 hereof. If such dispute or difference is referred to an Adjudicator, the Project Manager shall give instructions as to whether and if so, how, performance of the Contract is to proceed. The Supplier shall proceed with the Contract in accordance with the Project Manager's instructions, provided that if the Adjudicator upholds the Supplier's view on the dispute and if the Employer has not given notice under GCC sub-Clause 6.1.2 hereof, then the Supplier shall be reimbursed by the Employer for any additional costs incurred by reason of such instructions and shall be relieved of such responsibility or liability in connection with the dispute and the execution of the instructions as the Adjudicator shall decide, and the Time for Completion shall be extended accordingly. 20.3.6 The Project Manager's approval, with or without modification of the document furnished by the Supplier, shall not relieve the Supplier of any responsibility or liability imposed upon it by any provisions of the Contract except to the extent that any subsequent failure results from modifications required by the Project Manager. 20.3.7 The Supplier shall not depart from any approved document unless the Supplier has first submitted to the Project Manageran amended document and obtained the Project Manager's approval thereof, pursuant to the provisions of this GCC sub-Clause 20.3. If the Project Manager requests any change in any already approved document and/or in any document based thereon, the provisions of GCC Clause 39 shall apply to such request.
21.	**Procurement**	21.1	<u>Goods</u> Subject to GCC sub-Clause 14.2, the Supplier shall manufacture or procure and transport all the Goods in an expeditious and orderly manner to the Site.

		21.2	Employer-Supplied Plant, Equipment, and Materials If the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement provides that the Employer shall furnish any specific items of machinery, equipment or materials to the Supplier, the following provisions shall apply: 21.2.1 The Employer shall, at its own risk and expense, transport each item to the place on or near the Site as agreed upon by the parties and make such item available to the Supplier at the time specified in the programme furnished by the Supplier, pursuant to GCC sub-Clause 18.2, unless otherwise mutually agreed. 21.2.2 Upon receipt of such item, the Supplier shall inspect the same visually and notify the Project Manager of any detected shortage, defect or default. The Employer shall immediately remedy any shortage, defect or default, or the Supplier shall, if practicable and possible, at the request of the Employer, remedy such shortage, defect or default at the Employer's cost and expense. After inspection, such item shall fall under the care, custody and control of the Supplier. The provision of this GCC sub-Clause 21.2.2 shall apply to any item supplied to remedy any such shortage or default or to substitute for any defective item, or shall apply to defective items that have been repaired. 21.2.3 The foregoing responsibilities of the Supplier and its obligations of care, custody and control shall not relieve the Employer of liability for any undetected shortage, defect or default, nor place the Supplier under any liability for any such shortage, defect or default whether under GCC Clause 27 or under any other provision of Contract.
		21.3	Transportation 21.3.1 The Supplier shall at its own risk and expense transport all the Goods and the Supplier's Equipment to the Site by the mode of transport that the Supplier judges most suitable under all the circumstances. 21.3.2 Unless otherwise provided in the Contract, the Supplier shall be entitled to select any safe mode of transport operated by any person to carry the Goods and the Supplier's Equipment. 21.3.3 Upon dispatch of each shipment of the Goods and the Supplier's Equipment, the Supplier shall notify the Employer by telex, cable, facsimile or Electronic Data Interchange (EDI) of the description of the Goods and of the Supplier's Equipment, the point and means of dispatch, and the estimated time and point of arrival in the United Republic of Tanzania, if applicable, and at the Site. The Supplier shall furnish the Employer with relevant shipping documents to be agreed upon between the

			parties. 21.3.4 The Supplier shall be responsible for obtaining, if necessary, approvals from the authorities for transportation of the Goods and the Supplier's Equipment to the Site. The Employer shall use its best endeavors in a timely and expeditious manner to assist the Supplier in obtaining such approvals, if requested by the Supplier. The Supplier shall indemnify and hold harmless the Employer from and against any claim for damage to roads, bridges or any other traffic facilities that may be caused by the transport of the Goods and the Supplier's Equipment to the Site.
		21.4	<u>Customs Clearance</u> The Supplier shall, at its own expense, handle all imported Goods and Supplier's Equipment at the point(s) of import and shall handle any formalities for customs clearance, subject to the Employer's obligations under GCC sub-Clause 14.2, provided that if applicable laws or regulations require any application or act to be made by or in the name of the Employer, the Employer shall take all necessary steps to comply with such laws or regulations. In the event of delays in customs clearance that are not the fault of the Supplier, the Supplier shall be entitled to an extension in the Time for Completion, pursuant to GCC Clause 40.
22.	**Installation**	22.1	<u>Setting Out/Supervision/Labour</u> 22.1.1 *Bench Mark*: The Supplier shall be responsible for the true and proper setting-out of the Facilities in relation to bench marks, reference marks and lines provided to it in writing by or on behalf of the Employer. If, at any time during the progress of installation of the Facilities, any error shall appear in the position, level or alignment of the Facilities, the Supplier shall forthwith notify the Project Manager of such error and, at its own expense, immediately rectify such error to the reasonable satisfaction of the Project Manager. If such error is based on incorrect data provided in writing by or on behalf of the Employer, the expense of rectifying the same shall be borne by the Employer. 22.1.2 *Supplier's Supervision*: The Supplier shall give or provide all necessary superintendence during the installation of the Facilities, and the Construction Manager or its deputy shall be constantly on the Site to provide full-time superintendence of the installation. The Supplier shall provide and employ only technical personnel who are skilled and experienced in their respective callings and supervisory staff who are competent to adequately supervise the work at hand.

			22.1.3 *Labour*: (a) The Supplier shall provide and employ on the Site in the installation of the Facilities such skilled, semi-skilled and unskilled labour as is necessary for the proper and timely execution of the Contract. The Supplier is encouraged to use local labour that has the necessary skills. (b) Unless otherwise provided in the Contract, the Supplier shall be responsible for the recruitment, transportation, accommodation and catering of all labour, local or expatriate, required for the execution of the Contract and for all payments in connection therewith. (c) The Supplier shall be responsible for obtaining all necessary permit(s) and/or visa(s) from the appropriate authorities for the entry of all labour and personnel to be employed on the Site into the United Republic of Tanzania and in the exact region where the Site is located. (d) The Supplier shall at its own expense provide the means of repatriation to all of its and its Subsupplier's personnel employed on the Contract at the Site to their various home countries. It shall also provide suitable temporary maintenance of all such persons from the cessation of their employment on the Contract to the date programmed for their departure. In the event that the Supplier defaults in providing such means of transportation and temporary maintenance, the Employer may provide the same to such personnel and recover the cost of doing so from the Supplier. (e) The Supplier shall at all times during the progress of the Contract use its best endeavors to prevent any unlawful, riotous or disorderly conduct or behavior by or amongst its employees and the labour of its Subsuppliers. (f) The Supplier shall, in all dealings with its labour and the labour of its Subsuppliers currently employed on or connected with the Contract, pay due regard to all recognized festivals, official holidays, religious or other customs and all local laws and regulations pertaining to the employment of labour.
		22.2	<u>Supplier's Equipment</u> 22.2.1 All Supplier's Equipment brought by the Supplier onto the Site shall be deemed to be intended to be used exclusively for the execution of the Contract. The Supplier shall not remove the same from the Site without the Project Manager's consent that such Supplier's Equipment is no longer required for the execution of the Contract.

			22.2.2 Unless otherwise specified in the Contract, upon completion of the Facilities, the Supplier shall remove from the Site all Equipment brought by the Supplier onto the Site and any surplus materials remaining thereon. 22.2.3 The Employer will, if requested, use its best endeavors to assist the Supplier in obtaining any local, state or national government permission required by the Supplier for the export of the Supplier's Equipment imported by the Supplier for use in the execution of the Contract that is no longer required for the execution of the Contract.
		22.3	Site Regulations and Safety The Employer and the Supplier shall establish Site regulations setting out the rules to be observed in the execution of the Contract at the Site and shall comply therewith. The Supplier shall prepare and submit to the Employer, with a copy to the Project Manager, proposed Site regulations for the Employer's approval, which approval shall not be unreasonably withheld. Such Site regulations shall include, but shall not be limited to, rules in respect of security, safety of the Facilities, gate control, sanitation, medical care, and fire prevention.
		22.4	Opportunities for Other Suppliers 22.4.1 The Supplier shall, upon written request from the Employer or the Project Manager, give all reasonable opportunities for carrying out the work to any other suppliers employed by the Employer on or near the Site. 22.4.2 If the Supplier, upon written request from the Employer or the Project Manager, makes available to other suppliers any roads or ways the maintenance for which the Supplier is responsible, permits the use by such other suppliers of the Supplier's Equipment, or provides any other service of whatsoever nature for such other suppliers, the Employer shall fully compensate the Supplier for any loss or damage caused or occasioned by such other suppliers in respect of any such use or service, and shall pay to the Supplier reasonable remuneration for the use of such equipment or the provision of such services. 22.4.3 The Supplier shall also so arrange to perform its work as to minimize, to the extent possible, interference with the work of other suppliers. The Project Manager shall determine the resolution of any difference or conflict that may arise between the Supplier and other suppliers and the workers of the Employer in regard to their work. 22.4.4 The Supplier shall notify the Project Manager promptly of any

			defects in the other suppliers' work that come to its notice, and that could affect the Supplier's work. The Project Manager shall determine the corrective measures, if any, required to rectify the situation after inspection of the Facilities. Decisions made by the Project Manager shall be binding on the Supplier.
		22.5	Emergency Work If, by reason of an emergency arising in connection with and during the execution of the Contract, any protective or remedial work is necessary as a matter of urgency to prevent damage to the Facilities, the Supplier shall immediately carry out such work. If the Supplier is unable or unwilling to do such work immediately, the Employer may do or cause such work to be done as the Employer may determine is necessary in order to prevent damage to the Facilities. In such event the Employer shall, as soon as practicable after the occurrence of any such emergency, notify the Supplier in writing of such emergency, the work done and the reasons therefore. If the work done or caused to be done by the Employer is work that the Supplier was liable to do at its own expense under the Contract, the reasonable costs incurred by the Employer in connection therewith shall be paid by the Supplier to the Employer. Otherwise, the cost of such remedial work shall be borne by the Employer.
		22.6	Site Clearance 22.6.1 *Site Clearance in Course of Performance*: In the course of carrying out the Contract, the Supplier shallkeep theSite reasonably free from all unnecessary obstruction, store or remove any surplus materials, clear away any wreckage, rubbish or temporary works from the Site, and remove any Supplier's Equipment no longer required for execution of the Contract. 22.6.2 *Clearance of Site after Completion*: After Completion of all parts of the Facilities, the Supplier shall clear away and remove all wreckage, rubbish and debris of any kind from the Site, and shall leave the Site and Facilities clean and safe.
		22.7	Watching and Lighting The Supplier shall provide and maintain at its own expense alllighting, fencing, and watching when and where necessary for the proper execution and the protection of the Facilities, or for the safety of the owners and occupiers of adjacent property and for the safety of the public.
		22.8	Work at Night and on Holidays 22.8.1 Unless otherwise provided in the Contract, no work shall be carried out during the night and on public holidays of the United Republic of Tanzania without prior written consent of the Employer, except where work is necessary or required to

			ensure safety of the Facilities or for the protection of life, or to prevent loss or damage to property, when the Supplier shall immediately advise the Project Manager, provided that provisions of this GCC sub-Clause 22.8.1 shall not apply to any work which is customarily carried out by rotary or double-shifts. 22.8.2 Notwithstanding GCC sub-Clauses 22.8.1 or 22.1.3, if and when the Supplier considers it necessary to carry out work at night or on public holidays so as to meet the Time for Completion and requests the Employer's consent thereto, the Employer shall not unreasonably withhold such consent.
23.	**Test and Inspection**	23.1	The Supplier shall at its own expense carry out at the place of manufacture and/or on the Site all such tests and/or inspections of the Goods and any part of the Facilities as are specified in the Contract.
		23.2	The Employer and the Project Manager or their designated representatives shall be entitled to attend the aforesaid test and/or inspection, provided that the Employer shall bear all costs and expenses incurred in connection with such attendance including, but not limited to, all traveling and board and lodging expenses.
		23.3	Whenever the Supplier is ready to carry out any such test and/or inspection, the Supplier shall give a reasonable advance notice of such test and/or inspection and of the place and time thereof to the Project Manager. The Supplier shall obtain from any relevant third party or manufacturer any necessary permission or consent to enable the Employer and the Project Manager (or their designated representatives) to attend the test and/or inspection.
		23.4	The Supplier shall provide the Project Manager with a certified report of the results of any such test and/or inspection. If the Employer or Project Manager (or their designated representatives) fails to attend the test and/or inspection, or if it is agreed between the parties that such persons shall not do so, then the Supplier may proceed with the test and/or inspection in the absence of such persons, and may provide the Project Manager with a certified report of the results thereof.
		23.5	The Project Manager may require the Supplier to carry out any test and/or inspection not required by the Contract, provided that the Supplier's reasonable costs and expenses incurred in the carrying out of such test and/or inspection shall be added to the Contract Price. Further, if such test and/or inspection impedes the progress of work on the Facilities and/or the Supplier's performance of its other obligations

			under the Contract, due allowance will be made in respect of the Time for Completion and the other obligations so affected
		23.6	If any Goods or any part of the Facilities fails to pass any test and/or inspection, the Supplier shall either rectify or replace such Goods or part of the Facilities and shall repeat the test and/or inspection upon giving a notice under GCC sub-Clause 23.3.
		23.7	If any dispute or difference of opinion shall arise between the parties in connection with or arising out of the test and/or inspection of the Goods or part of the Facilities that cannot be settled between the parties within a reasonable period of time, it may be referred to an Adjudicator for determination in accordance with GCC sub-Clause 6.1.
		23.8	The Supplier shall afford the Employer and the Project Manager, at the Employer's expense, access at any reasonable time to any place where the Goods are being manufactured or the Facilities are being installed, in order to inspect the progress and the manner of manufacture or installation, provided that the Project Manager shall give the Supplier a reasonable prior notice.
		23.9	The Supplier agrees that neither the execution of a test and/or inspection of Goods or any part of the Facilities, nor the attendance by the Employer or the Project Manager, nor the issue of any test certificate pursuant to GCC sub-Clause 23.4, shall release the Supplier from any other responsibilities under the Contract.
		23.10	No part of the Facilities or foundations shall be covered up on the Site without the Supplier carrying out any test and/or inspection required under the Contract. The Supplier shall give a reasonable notice to the Project Manager whenever any such ready or about to be ready for test and/or inspection; such test and/or inspection and notice thereof shall be subject to the requirements of the Contract.
		23.11	The Supplier shall uncover any part of the Facilities or foundations, or shall make openings in or through the same as the Project Manager may from time to time require at the Site, and shall reinstate and make good such part or parts. If any parts of the Facilities or foundations have been covered up at the Site after compliance with the requirement of GCC sub-Clause 23.10 and are found to be executed in accordance with the Contract, the expenses of uncovering, making openings in or through, reinstating, and making good the same shall be borne by the Employer, and the

			Time for Completion shall be reasonably adjusted to the extent that the Supplier has thereby been delayed or impeded in the performance of any of its obligations under the Contract
24.	**Completion of the Facilities**	24.1	As soon as the Facilities or any part thereof has, in the opinion of the Supplier, been completed operationally and structurally and put in a tight and clean condition as specified in the Technical Specifications, excluding minor items not materially affecting the operation or safety of the Facilities, the Supplier shall so notify the Employer in writing.
		24.2	Within seven (7) days after receipt of the notice from the Supplier under GCC sub-Clause 24.1, the Employer shall supply the operating and maintenance personnel specified in the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement for Pre-commissioning of the Facilities or any part thereof. Pursuant to the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement, the Employer shall also provide, within the said seven (7) day period, the raw materials, utilities, lubricants, chemicals, catalysts, facilities, services and other matters required for Pre-commissioning of the Facilities or any part thereof.
		24.3	As soon as reasonably practicable after the operating and maintenance personnel have been supplied by the Employer and the raw materials, utilities, lubricants, chemicals, catalysts, facilities, services and other matters have been provided by the Employer in accordance with GCC sub-Clause 24.2, the Supplier shall commence Pre-commissioning of the Facilities or the relevant part thereof in preparation for Commissioning.
		24.4	As soon as all works in respect of Pre-commissioning are completed and, in the opinion of the Supplier, the Facilities or any part thereof is ready for Commissioning, the Supplier shall so notify the Project Manager in writing.
		24.5	The Project Manager shall, within fourteen (14) days after receipt of the Supplier's notice under GCC sub-Clause 24.4, either issue a Completion Certificate in the form specified in the Sample Forms and Procedures section in the tendering documents, stating that the Facilities or that part thereof have reached Completion as of the date of the Supplier's notice under GCC sub-Clause 24.4, or notify the Supplier in writing of any defects and/or deficiencies. If the Project Manager notifies the Supplier of any defects and/or deficiencies, the Supplier shall then correct such defects and/or deficiencies, and shall repeat the procedure described in GCC sub-Clause 24.4.

			If the Project Manager is satisfied that the Facilities or that part thereof have reached Completion, the Project Manager shall, within seven (7) days after receipt of the Supplier's repeated notice, issue a Completion Certificate stating that the Facilities or that part thereof have reached Completion as of the date of the Supplier's repeated notice. If the Project Manager is not so satisfied, then it shall notify the Supplier in writing of any defects and/or deficiencies within seven (7) days after receipt of the Supplier's repeated notice, and the above procedure shall be repeated.
		24.6	If the Project Manager fails to issue the Completion Certificate and fails to inform the Supplier of any defects and/or deficiencies within fourteen (14) days after receipt of the Supplier's notice under GCC sub-Clause 24.4 or within seven (7) days after receipt of the Supplier's repeated notice under GCC sub-Clause 24.5, or if the Employer makes use of the Facilities or part thereof, then the Facilities or that part thereof shall be deemed to have reached Completion as of the date of the Supplier's notice or repeated notice, or as of the Employer's use of the Facilities, as the case may be.
		24.7	As soon as possible after Completion, the Supplier shall complete all outstanding minor items so that the Facilities are fully in accordance with the requirements of the Contract, failing which the Employer will undertake such completion and deduct the costs thereof from any monies owing to the Supplier.
		24.8	Upon Completion, the Employer shall be responsible for the care and custody of the Facilities or the relevant part thereof, together with the risk of loss or damage thereto, and shall thereafter take over the Facilities or the relevant part thereof.
25.	**Commissioning and Operational Acceptance**	25.1	<u>Commissioning</u> 25.1.1 Commissioning of the Facilities or any part thereof shall be commenced by the Supplier immediately after issue of the Completion Certificate by the Project Manager, pursuant to GCC sub-Clause 24.5, or immediately after issue of the deemed Completion, under GCC sub-Clause 24.6. 25.1.2 The Employer shall supply the operating and maintenance personnel and all raw materials, utilities, lubricants, chemicals, catalysts, facilities, services and other matters required for Commissioning.
		25.2	<u>Guarantee Test</u> 25.2.1 The Guarantee Test (and repeats thereof) shall be conducted by the Supplier during Commissioning of the Facilities or the relevant part thereof to ascertain whether the Facilities or the

			relevant part can attain the Functional Guarantees specified in the Technical Specifications. The Supplier's and Project Manager's advisory personnel shall attend the Guarantee Test, and shall advise and assist the Employer. The Employer shall promptly provide the Supplier with such information as the Supplier may reasonably require in relation to the conduct and results of the Guarantee Test (and any repeats thereof). 25.2.2 If for reasons not attributable to the Supplier, the Guarantee Test of the Facilities or the relevant part thereof cannot be successfully completed within the period from the date of Completion specified in the SCC or any other period agreed upon by the Employer and the Supplier, the Supplier shall be deemed to have fulfilled its obligations with respect to the Functional Guarantees, and GCC sub-Clauses 28.2 and 28.3 shall not apply.
		25.3	<u>Operational Acceptance</u> 25.3.1 Subject to GCC sub-Clause 25.4 below, Operational Acceptance shall occur in respect of the Facilities or any part thereof when (a) the Guarantee Test has been successfully completed and the Functional Guarantees are met; or (b) the Guarantee Test has not been successfully completed or has not been carried out for reasons not attributable to the Supplier within the period from the date of Completion specified in the SCC or any other agreed upon period as specified in GCC sub-Clause 25.2.2 above; or (c) the Supplier has paid the liquidated damages specified in GCC sub-Clause 28.3 hereof; and (d) any minor items mentioned in GCC sub-Clause 24.7 hereof relevant to the Facilities or that part thereof have been completed. 25.3.2 At any time after any of the events set out in GCC sub-Clause 25.3.1 have occurred, the Supplier may give a notice to the Project Manager requesting the issue of an Operational Acceptance Certificate in the form provided in the Tendering Documents or in another form acceptable to the Employer in respect of the Facilities or the part thereof specified in such notice as of the date of such notice. 25.3.3 The Project Manager shall, after consultation with the Employer, and within seven (7) days after receipt of the Supplier's notice, issue an Operational Acceptance Certificate.

			If within seven (7) days after receipt of the Supplier's notice, the Project Manager fails to issue the Operational Acceptance Certificate or fails to inform the Supplier in writing of the justifiable reasons why the Project Manager has not issued the Operational Acceptance Certificate, the Facilities or the relevant part thereof shall be deemed to have been accepted as of the date of the Supplier's said notice.
		25.4	Partial Acceptance 25.4.1 If the Contract specifies that Completion and Commissioning shall be carried out in respect of parts of the Facilities, the provisions relating to Completion and Commissioning including the Guarantee Test shall apply to each such part of the Facilities individually, and the Operational Acceptance Certificate shall be issued accordingly for each such part of the Facilities. 25.4.2 If a part of the Facilities comprises facilities such as buildings, for which no Commissioning or Guarantee Test is required, then the Project Manager shall issue the Operational Acceptance Certificate for such facility when it attains Completion, provided that the Supplier shall thereafter complete any outstanding minor items that are listed in the Operational Acceptance Certificate.

F. Guarantees and Liabilities

26	**Completion Time Guarantee**	26.1	The Supplier guarantees that it shall attain Completion of the Facilities (or a part for which a separate time for completion is specified in the SCC) within the Time for Completion specified in the SCC pursuant to GCC sub-Clause 8.2, or within such extended time to which the Supplier shall be entitled under GCC Clause 40 hereof.
		26.2	If the Supplier fails to attain Completion of the Facilities or any part thereof within the Time for Completion or any extension thereof under GCC Clause 40, the Supplier shall pay to the Employer liquidated damages in the amount specified in the SCC as a percentage rate of the Contract Price, or the relevant part thereof. The aggregate amount of such liquidated damages shall in no event exceed the amount specified as "Maximum" in the SCC. Once the "Maximum" is reached, the Employer may consider termination of the Contract, pursuant to GCC sub-Clause 42.2.2. Such payment shall completely satisfy the Supplier's obligation to attain Completion of the Facilities or the relevant part thereof within the Time for Completion or any extension thereof under GCC Clause 40. The Supplier shall have no further liability whatsoever to the Employer in respect thereof. However, the payment of liquidated damages shall not in any way relieve the Supplier from any of its obligations to complete the Facilities

			or from any other obligations and liabilities of the Supplier under the Contract. Save for liquidated damages payable under this GCC sub-Clause 26.2, the failure by the Supplier to attain any milestone or other act, matter or thing by any date specified in the corresponding Appendix (Time Schedule) to the Contract Agreement and/or other programme of work prepared pursuant to GCC sub-Clause 18.2 shall not render the Supplier liable for any loss or damage thereby suffered by the Employer.
		26.3	If the Supplier attains Completion of the Facilities or any part thereof before the Time for Completion or any extension thereof under GCC Clause 40, the Employer shall pay to the Supplier a bonus in the amount specified in the SCC. The aggregate amount of such bonus shall in no event exceed the amount specified as "Maximum" in the SCC.
27.	**Defect Liability**	27.1	The Supplier warrants that the Facilities or any part thereof shall be free from defects in the design, engineering, materials and workmanship of the Goods supplied and of the work executed.
		27.2	The Defect Liability Period shall be eighteen (18) months from the date of Completion of the Facilities (or any part thereof) or twelve (12) months from the date of Operational Acceptance of the Facilities (or any part thereof), whichever first occurs, unless specified otherwise in the SCC. If during the Defect Liability Period any defect should be found in the design, engineering, materials and workmanship of the Goods supplied or of the work executed by the Supplier, the Supplier shall promptly, in consultation and agreement with the Employer regarding appropriate remedying of the defects, and at its cost, repair, replace or otherwise make good (as the Supplier shall, at its discretion, determine) such defect as well as any damage to the Facilities caused by such defect. The Supplier shall not be responsible for the repair, replacement or making good of any defect of any damage to the Facilities arising out of or resulting from any of the following causes: (a) improper operation or maintenance of the Facilities by the Employer (b) operation of the Facilities outside specifications provided in the Contract (c) normal wear and tear.

		27.3	The Supplier's obligations under this GCC Clause 27 shall not apply to (a) any materials that are supplied by the Employer under GCC sub-Clause 21.2, are normally consumed in operation, or have a normal life shorter than the Defect Liability Period stated herein (b) any designs, specifications or other data designed, supplied or specified by or on behalf of the Employer or any matters for which the Supplier has disclaimed responsibility herein (c) any other materials supplied or any other work executed by or on behalf of the Employer, except for the work executed by the Employer under GCC sub-Clause 27.7.
		27.4	The Employer shall give the Supplier a notice stating the nature of any such defect together with all available evidence thereof, promptly following the discovery thereof. The Employer shall afford all reasonable opportunity for the Supplier to inspect any such defect.
		27.5	The Employer shall afford the Supplier all necessary access to the Facilities and the Site to enable the Supplier to perform its obligations under this GCC Clause 27. The Supplier may, with the consent of the Employer, remove from the Site any Goods or any part of the Facilities that are defective if the nature of the defect, and/or any damage to the Facilities caused by the defect, is such that repairs cannot be expeditiously carried out at the Site.
		27.6	If the repair, replacement or making good is of such a character that it may affect the efficiency of the Facilities or any part thereof, the Employer may give to the Supplier a notice requiring that tests of the defective part of the Facilities shall be made by the Supplier immediately upon completion of such remedial work, whereupon the Supplier shall carry out such tests. If such part fails the tests, the Supplier shall carry out further repair, replacement or making good (as the case may be) until that part of the Facilities passes such tests. The tests shall be agreed upon by the Employer and the Supplier.
		27.7	If the Supplier fails to commence the work necessary to remedy such defect or any damage to the Facilities caused by such defect within a reasonable time (which shall in no event be considered to be less than fifteen (15) days), the Employer may, following notice to the Supplier, proceed to do such work, and the reasonable costs incurred by the Employer in connection therewith shall be paid to the Employer by the Supplier or may be deducted by the Employer from any monies due the Supplier or claimed under the Performance Security.

		27.8	If the Facilities or any part thereof cannot be used by reason of such defect and/or making good of such defect, the Defect Liability Period of the Facilities or such part, as the case may be, shall be extended by a period equal to the period during which the Facilities or such part cannot be used by the Employer because of any of the aforesaid reasons.
		27.9	Except as provided in GCC Clauses 27 and 33, the Supplier shall be under no liability whatsoever and howsoever arising, and whether under the Contract or at law, in respect of defects in the Facilities or any part thereof, the Goods, design or engineering or work executed that appear after Completion of the Facilities or any part thereof, except where such defects are the result of the gross negligence, fraud, criminal or willful action of the Supplier.
		27.10	In addition, the Supplier shall also provide an extended warranty for any such component of the Facilities and during the period of time as may be specified in the SCC. Such obligation shall be in addition to the defect liability specified under GCC sub-Clause 27.2.
28.	**Functional Guarantees**	28.1	The Supplier guarantees that during the Guarantee Test, the Facilities and all parts thereof shall attain the Functional Guarantees specified in the corresponding Appendix (Functional Guarantees) to the Contract Agreement, subject to and upon the conditions therein specified.
		28.2	If, for reasons attributable to the Supplier, the minimum level of the Functional Guarantees specified in the corresponding Appendix (Functional Guarantees) to the Contract Agreement are not met either in whole or in part, the Supplier shall at its cost and expense make such changes, modifications and/or additions to the Plant or any part thereof as may be necessary to meet at least the minimum level of such Guarantees. The Supplier shall notify the Employer upon completion of the necessary changes, modifications and/or additions, and shall request the Employer to repeat the Guarantee Test until the minimum level of the Guarantees has been met. If the Supplier eventually fails to meet the minimum level of Functional Guarantees, the Employer may consider termination of the Contract, pursuant to GCC sub-Clause 42.2.2.
		28.3	If, for reasons attributable to the Supplier, the Functional Guarantees specified in the corresponding Appendix (Functional Guarantees) to the Contract Agreement are not attained either in whole or in part, but the minimum level of the Functional Guarantees specified in the said

			Appendix to the Contract Agreement is met, the Supplier shall, at the Supplier's option, either (a) make such changes, modifications and/or additions to the Facilities or any part thereof that are necessary to attain the Functional Guarantees at its cost and expense, and shall request the Employer to repeat the Guarantee Test or (b) pay liquidated damages to the Employer in respect of the failure to meet the Functional Guarantees in accordance with the provisions in the corresponding Appendix (Functional Guarantees) to the Contract Agreement.
		28.4	The payment of liquidated damages under GCC sub-Clause 28.3, up to the limitation of liability specified in the SCC, shall completely satisfy the Supplier's guarantees under GCC sub-Clause 28.3, and the Supplier shall have no further liability whatsoever to the Employer in respect thereof. Upon the payment of such liquidated damages by the Supplier, the Project Manager shall issue the Operational Acceptance Certificate for the Facilities or any part thereof in respect of which the liquidated damages have been so paid.
29.	**Patent Indemnity**	29.1	The Supplier shall, subject to the Employer's compliance with GCC sub-Clause 29.2, indemnify and hold harmless the Employer and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, which the Employer may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Contract by reason of: (a) the installation of the Facilities by the Supplier or the use of the Facilities in the United Republic of Tanzania; and (b) the sale of the products produced by the Facilities in United Republic of Tanzania. Such indemnity shall not cover any use of the Facilities or any part thereof other than for the purpose indicated by or to be reasonably inferred from the Contract, any infringement resulting from the use of the Facilities or any part thereof, or any products produced thereby in association or combination with any other equipment, plant or materials not supplied by the Supplier, pursuant to the Contract Agreement.
		29.2	If any proceedings are brought or any claim is made against the Employer arising out of the matters referred to in GCC sub-Clause 29.1, the Employer shall promptly give the Supplier a notice thereof, and the Supplier may at its own expense and in the Employer's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim.

			If the Supplier fails to notify the Employer within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Employer shall be free to conduct the same on its own behalf. Unless the Supplier has so failed to notify the Employer within the twenty-eight (28) day period, the Employer shall make no admission that may be prejudicial to the defense of any such proceedings or claim. The Employer shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.
		29.3	The Employer shall indemnify and hold harmless the Supplier and its employees, officers and Subsuppliers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, which the Supplier may suffer as a result of any infringement or alleged infringement of any patent, utility model, registered design, trademark, copyright or other intellectual property right registered or otherwise existing at the date of the Contract arising out of or in connection with any design, data, drawing, specification, or other documents or materials provided or designed by or on behalf of the Employer.
30.	**Limitation of Liability**	30.1	Except in cases of criminal negligence or willful misconduct, (a) the Supplier shall not be liable to the Employer, whether in contract, tort, or otherwise, for any indirect or consequential loss or damage, loss of use, loss of production, or loss of profits or interest costs, provided that this exclusion shall not apply to any obligation of the Supplier to pay liquidated damages to the Employer and (b) the aggregate liability of the Supplier to the Employer, whether under the Contract, in tort or otherwise, shall not exceed the total Contract Price, provided that this limitation shall not apply to the cost of repairing or replacing defective equipment, or to any obligation of the Supplier to indemnify the Employer with respect to patent infringement.

G. Risk Distribution

31.	**Transfer of Ownership**	31.1	Ownership of the Goods (including spare parts) to be imported into the United Republic of Tanzania shall be transferred to the Employer upon loading on to the mode of transport to be used to convey the Goods from the country of origin.

		31.2	Ownership of the Goods (including spare parts) procured in the United Republic of Tanzania where the Site is located shall be transferred to the Employer when the Goods are brought on to the Site.
		31.3	Ownership of the Supplier's Equipment used by the Supplier and its Subsuppliers in connection with the Contract shall remain with the Supplier or its Subsuppliers.
		31.4	Ownership of any Goods in excess of the requirements for the Facilities shall revert to the Supplier upon Completion of the Facilities or at such earlier time when the Employer and the Supplier agree that the Goods in question are no longer required for the Facilities.
		31.5	Notwithstanding the transfer of ownership of the Goods, the responsibility for care and custody thereof together with the risk of loss or damage thereto shall remain with the Supplier pursuant to GCC Clause 32 (Care of Facilities) hereof until Completion of the Facilities or the part thereof in which such Goods are incorporated.
32.	**Care of Facilities**	32.1	The Supplier shall be responsible for the care and custody of the Facilities or any part thereof until the date of Completion of the Facilities pursuant to GCC Clause 24 or, where the Contract provides for Completion of the Facilities in parts, until the date of Completion of the relevant part, and shall make good at its own cost any loss or damage that may occur to the Facilities or the relevant part thereof from any cause whatsoever during such period. The Supplier shall also be responsible for any loss or damage to the Facilities caused by the Supplier or its Subsuppliers in the course of any work carried out, pursuant to GCC Clause 27. Notwithstanding the foregoing, the Supplier shall not be liable for any loss or damage to the Facilities or that part thereof caused by reason of any of the matters specified or referred to in paragraphs (a), (b) and (c) of GCC sub-Clauses 32.2 and 38.1.
		32.2	If any loss or damage occurs to the Facilities or any part thereof or to the Supplier's temporary facilities by reason of (a) (insofar as they relate to the United Republic of Tanzania, where the Site is located) nuclear reaction, nuclear radiation, radioactive contamination, pressure wave caused by aircraft or other aerial objects, or any other occurrences that an experienced supplier could not reasonably foresee, or if reasonably foreseeable could not reasonably make provision for or insure against, insofar as such risks are not normally insurable on the insurance market and are mentioned in the general exclusions of the policy of insurance, including War Risks and Political Risks, taken out under GCC Clause 34 hereof

			(b) any use or occupation by the Employer or any third party (other than a Subsupplier) authorized by the Employer of any part of the Facilities (c) any use of or reliance upon any design, data or specification provided or designated by or on behalf of the Employer, or any such matter for which the Supplier has disclaimed responsibility herein, the Employer shall pay to the Supplier all sums payable in respect of the Facilities executed, notwithstanding that the same be lost, destroyed or damaged, and will pay to the Supplier the replacement value of all temporary facilities and all parts thereof lost, destroyed or damaged. If the Employer requests the Supplier in writing to make good any loss or damage to the Facilities thereby occasioned, the Supplier shall make good the same at the cost of the Employer in accordance with GCC Clause 39. If the Employer does not request the Supplier in writing to make good any loss or damage to the Facilities thereby occasioned, the Employer shall either request a change in accordance with GCC Clause 39, excluding the performance of that part of the Facilities thereby lost, destroyed or damaged, or, where the loss or damage affects a substantial part of the Facilities, the Employer shall terminate the Contract pursuant to GCC sub-Clause 42.1 hereof.
		32.3	The Supplier shall be liable for any loss of or damage to any Supplier's Equipment, or any other property of the Supplier used or intended to be used for purposes of the Facilities, except (i) as mentioned in GCC sub-Clause 32.2 (with respect to the Supplier's temporary facilities), and (ii) where such loss or damage arises by reason of any of the matters specified in GCC sub-Clauses 32.2 (b) and (c) and 38.1.
		32.4	With respect to any loss or damage caused to the Facilities or any part thereof or to the Supplier's Equipment by reason of any of the matters specified in GCC sub-Clause 38.1, the provisions of GCC sub-Clause 38.3 shall apply.
33.	**Loss of or Damage to Property; Accident or Injury to Workers; Indemnification**	33.1	Subject to GCC sub-Clause 33.3, the Supplier shall indemnify and hold harmless the Employer and its employees and officers from and against any and all suits, actions or administrative proceedings, claims, demands, losses, damages, costs, and expenses of whatsoever nature, including attorney's fees and expenses, in respect of the death or injury of any person or loss of or damage to any property (other than the Facilities whether accepted or not), arising in connection with the supply and installation of the Facilities and by reason of the negligence of the Supplier or its Subsuppliers, or their employees, officers or agents, except any injury, death or property damage caused by the negligence of the Employer, its suppliers, employees, officers or agents.
		33.2	If any proceedings are brought or any claim is made against the Employer that might subject the Supplier to liability under GCC sub-

			Clause 33.1, the Employer shall promptly give the Supplier a notice thereof and the Supplier may at its own expense and in the Employer's name conduct such proceedings or claim and any negotiations for the settlement of any such proceedings or claim. If the Supplier fails to notify the Employer within twenty-eight (28) days after receipt of such notice that it intends to conduct any such proceedings or claim, then the Employer shall be free to conduct the same on its own behalf. Unless the Supplier has so failed to notify the Employer within the twenty-eight (28) day period, the Employer shall make no admission that may be prejudicial to the defense of any such proceedings or claim. The Employer shall, at the Supplier's request, afford all available assistance to the Supplier in conducting such proceedings or claim, and shall be reimbursed by the Supplier for all reasonable expenses incurred in so doing.
		33.3	The Employer shall indemnify and hold harmless the Supplier and its employees, officers and Subsuppliers from any liability for loss of or damage to property of the Employer, other than the Facilities not yet taken over, that is caused by fire, explosion or any other perils, in excess of the amount recoverable from insurances procured under GCC Clause 34, provided that such fire, explosion or other perils were not caused by any act or failure of the Supplier.
		33.4	The party entitled to the benefit of an indemnity under this GCC Clause 33 shall take all reasonable measures to mitigate any loss or damage which has occurred. If the party fails to take such measures, the other party's liabilities shall be correspondingly reduced.
34.	**Insurance**	34.1	To the extent specified in the corresponding Appendix (Insurance Requirements) to the Contract Agreement, the Supplier shall at its expense take out and maintain in effect, or cause to be taken out and maintained in effect, during the performance of the Contract, the insurances set forth below in the sums and with the deductibles and other conditions specified in the said Appendix. The identity of the insurers and the form of the policies shall be subject to the approval of the Employer, who should not unreasonably withhold such approval. (a) <u>Cargo Insurance During Transport</u> Covering loss or damage occurring while in transit from the Supplier's or Subsupplier's works or stores until arrival at the Site, to the Goods (including spare parts therefore) and to the Supplier's Equipment. (b) <u>Installation All Risks Insurance</u> Covering physical loss or damage to the Facilities at the Site, occurring prior to Completion of the Facilities, with an extended

			maintenance coverage for the Supplier's liability in respect of any loss or damage occurring during the Defect Liability Period while the Supplier is on the Site for the purpose of performing its obligations during the Defect Liability Period. (c) Third Party Liability Insurance Covering bodily injury or death suffered by third parties (including the Employer's personnel) and loss of or damage to property occurring in connection with the supply and installation of the Facilities. (d) Automobile Liability Insurance Covering use of all vehicles used by the Supplier or its Subsuppliers (whether or not owned by them) in connection with the execution of the Contract. (e) Workers' Compensation In accordance with the statutory requirements applicable in United Republic of Tanzania. (f) Employer's Liability In accordance with the statutory requirements applicable in United Republic of Tanzania. (g) Other Insurances Such other insurances as may be specifically agreed upon by the parties hereto as listed in the said the corresponding Appendix.
		34.2	The Employer shall be named as co-insured under all insurance policies taken out by the Supplier pursuant to GCC sub-Clause 34.1, except for the Third Party Liability, Workers' Compensation and Employer's Liability Insurances, and the Supplier's Subsuppliers shall be named as co-insured's under all insurance policies taken out by the Supplier pursuant to GCC sub-Clause 34.1 except for the Cargo Insurance During Transport, Workers' Compensation and Employer's Liability Insurances. All insurer's rights of subrogation against such co-insured's for losses or claims arising out of the performance of the Contract shall be waived under such policies.
		34.3	The Supplier shall, in accordance with the provisions of the corresponding Appendix (Insurance Requirements) to the Contract Agreement, deliver to the Employer certificates of insurance (or copies of the insurance policies) as evidence that the required policies are in full force and effect. The certificates shall provide that no less than twenty-one (21) days' notices shall be given to the Employer by

			insurers prior to cancellation or material modification of a policy.
		34.4	The Supplier shall ensure that, where applicable, its Subsupplier(s) shall take out and maintain in effect adequate insurance policies for their personnel and vehicles and for work executed by them under the Contract, unless such Subsuppliers are covered by the policies taken out by the Supplier.
		34.5	The Employer shall at its expense take out and maintain in effect during the performance of the Contract those insurances specified in the corresponding Appendix (Insurance Requirements) to the Contract Agreement, in the sums and with the deductibles and other conditions specified in the said Appendix. The Supplier and the Supplier's Subsuppliers shall be named as co-insured's under all such policies. All insurers' rights of subrogation against such co-insured's for losses or claims arising out of the performance of the Contract shall be waived under such policies. The Employer shall deliver to the Supplier satisfactory evidence that the required insurances are in full force and effect. The policies shall provide that not less than twenty-one (21) days' notices shall be given to the Supplier by all insurers prior to any cancellation or material modification of the policies. If so, requested by the Supplier, the Employer shall provide copies of the policies taken out by the Employer under this GCC sub-Clause 34.5.
		34.6	If the Supplier fails to take out and/or maintain in effect the insurances referred to in GCC sub-Clause 34.1, the Employer may take out and maintain in effect any such insurances and may from time to time deduct from any amount due the Supplier under the Contract any premium that the Employer shall have paid to the insurer, or may otherwise recover such amount as a debt due from the Supplier. If the Employer fails to take out and/or maintain in effect the insurances referred to in GCC 34.5, the Supplier may take out and maintain in effect any such insurances and may from time to time deduct from any amount due the Employer under the Contract any premium that the Supplier shall have paid to the insurer, or may otherwise recover such amount as a debt due from the Employer. If the Supplier fails to or is unable to take out and maintain in effect any such insurances, the Supplier shall nevertheless have no liability or responsibility towards the Employer, and the Supplier shall have full recourse against the Employer for any and all liabilities of the Employer herein.
		34.7	Unless otherwise provided in the Contract, the Supplier shall prepare

			and conduct all and any claims made under the policies effected by it pursuant to this GCC Clause 34, and all monies payable by any insurers shall be paid to the Supplier. The Employer shall give to the Supplier all such reasonable assistance as may be required by the Supplier. With respect to insurance claims in which the Employer's interest is involved, the Supplier shall not give any release or make any compromise with the insurer without the prior written consent of the Employer. With respect to insurance claims in which the Supplier's interest is involved, the Employer shall not give any release or make any compromise with the insurer without the prior written consent of the Supplier.
35.	**Unforeseen Conditions**	35.1	If, during the execution of the Contract, the Supplier shall encounter on the Site any physical conditions (other than climatic conditions) or artificial obstructions that could not have been reasonably foreseen prior to the date of the Contract Agreement by an experienced supplier on the basis of reasonable examination of the data relating to the Facilities (including any data as to boring tests) provided by the Employer, and on the basis of information that it could have obtained from a visual inspection of the Site (if access thereto was available) or other data readily available to it relating to the Facilities, and if the Supplier determines that it will in consequence of such conditions or obstructions incur additional cost and expense or require additional time to perform its obligations under the Contract that would not have been required if such physical conditions or artificial obstructions had not been encountered, the Supplier shall promptly, and before performing additional work or using additional Goods or Supplier's Equipment, notify the Project Manager in writing of (a) the physical conditions or artificial obstructions on the Site that could not have been reasonably foreseen (b) the additional work and/or Goods and/or Supplier's Equipment required, including the steps which the Supplier will or proposes to take to overcome such conditions or obstructions (c) the extent of the anticipated delay (d) the additional cost and expense that the Supplier is likely to incur. On receiving any notice from the Supplier under this GCC sub-Clause 35.1, the Project Manager shall promptly consult with the Employer and Supplier and decide upon the actions to be taken to overcome the physical conditions or artificial obstructions encountered. Following such consultations, the Project Manager shall instruct the Supplier, with a copy to the Employer, of the actions to be taken.

		35.2	Any reasonable additional cost and expense incurred by the Supplier in following the instructions from the Project Manager to overcome such physical conditions or artificial obstructions referred to in GCC sub-Clause 35.1 shall be paid by the Employer to the Supplier as an addition to the Contract Price.
		35.3	If the Supplier is delayed or impeded in the performance of the Contract because of any such physical conditions or artificial obstructions referred to in GCC sub-Clause 35.1, the Time for Completion shall be extended in accordance with GCC Clause 40.
36.	**Change in Laws and Regulations**	36.1	If, after the date twenty-eight (28) days prior to the date of Tender submission, in the United Republic of Tanzania, any law, regulation, ordinance, order or by-law having the force of law is enacted, promulgated, abrogated or changed (which shall be deemed to include any change in interpretation or application by the competent authorities) that subsequently affects the costs and expenses of the Supplier and/or the Time for Completion, the Contract Price shall be correspondingly increased or decreased, and/or the Time for Completion shall be reasonably adjusted to the extent that the Supplier has thereby been affected in the performance of any of its obligations under the Contract. Notwithstanding the foregoing, such additional or reduced costs shall not be separately paid or credited if the same has already been accounted for in the price adjustment provisions where applicable, in accordance with the SCC.
37.	**Force Majeure**	37.1	Force majeure shall include, without limitation, the following: (a) war, hostilities or warlike operations (whether a state of war be declared or not), invasion, act of foreign enemy and civil war (b) rebellion, revolution, insurrection, mutiny, usurpation of civil or military government, conspiracy, riot, civil commotion and terrorist acts (c) confiscation, nationalization, mobilization, commandeering or requisition by or under the order of any government or de jure or de facto authority or ruler or any other act or failure to act of any local state or national government authority (d) strike, sabotage, lockout, embargo, import restriction, port congestion, lack of usual means of public transportation and communication, industrial dispute, shipwreck, shortage or restriction of power supply, epidemics, quarantine and plague (e) earthquake, landslide, volcanic activity, fire, flood or inundation, tidal wave, typhoon or cyclone, hurricane, storm, lightning, or other inclement weather condition, nuclear and pressure waves or other natural or physical disaster

			(f) shortage of labour, materials or utilities where caused by circumstances that are themselves Force Majeure.
		37.2	If either party is prevented, hindered or delayed from or in performing any of its obligations under the Contract by an event of Force Majeure, then it shall notify the other in writing of the occurrence of such event and the circumstances thereof within fourteen (14) days after the occurrence of such event.
		37.3	The party who has given such notice shall be excused from the performance or punctual performance of its obligations under the Contract for so long as the relevant event of Force Majeure continues and to the extent that such party's performance is prevented, hindered or delayed. The Time for Completion shall be extended in accordance with GCC Clause 40.
		37.4	The party or parties affected by the event of Force Majeure shall use reasonable efforts to mitigate the effect thereof upon its or their performance of the Contract and to fulfill its or their obligations under the Contract, but without prejudice to either party's right to terminate the Contract under GCC sub-Clauses 37.6 and 38.5.
		37.5	No delay or nonperformance by either party hereto caused by the occurrence of any event of Force Majeure shall (a) constitute a default or breach of the Contract (b) (subject to GCC sub-Clauses 32.2, 38.3 and 38.4) give rise to any claim for damages or additional cost or expense occasioned thereby if and to the extent that such delay or nonperformance is caused by the occurrence of an event of Force Majeure.
		37.6	If the performance of the Contract is substantially prevented, hindered or delayed for a single period of more than sixty (60) days or an aggregate period of more than one hundred and twenty (120) days on account of one or more events of Force Majeure during the currency of the Contract, the parties will attempt to develop a mutually satisfactory solution, failing which either party may terminate the Contract by giving a notice to the other, but without prejudice to either party's right to terminate the Contract under GCC sub-Clause 38.5.

		37.7	In the event of termination pursuant to GCC sub-Clause 37.6, the rights and obligations of the Employer and the Supplier shall be as specified in GCC sub-Clauses 42.1.2 and 42.1.3.
		37.8	Notwithstanding GCC sub-Clause 37.5, Force Majeure shall not apply to any obligation of the Employer to make payments to the Supplier herein.
38.	**War Risks**	38.1	"War Risks" shall mean any event specified in paragraphs (a) and (b) of GCC sub-Clause 37.1 and any explosion or impact of any mine, bomb, shell, grenade or other projectile, missile, munitions or explosive of war, occurring or existing in or near the United Republic of Tanzania where the Site is located.
		38.2	Notwithstanding anything contained in the Contract, the Supplier shall have no liability whatsoever for or with respect to (a) destruction of or damage to Facilities, Goods, or any part thereof (b) destruction of or damage to property of the Employer or any third party (c) injury or loss of life if such destruction, damage, injury or loss of life is caused by any War Risks, and the Employer shall indemnify and hold the Supplier harmless from and against any and all claims, liabilities, actions, lawsuits, damages, costs, charges or expenses arising in consequence of or in connection with the same.
		38.3	If the Facilities or any Goods or Supplier's Equipment or any other property of the Supplier used or intended to be used for the purposes of the Facilities shall sustain destruction or damage by reason of any War Risks, the Employer shall pay the Supplier for (a) any part of the Facilities or the Goods so destroyed or damaged (to the extent not already paid for by the Employer) (b) replacing or making good any Supplier's Equipment or other property of the Supplier so destroyed or damaged (c) replacing or making good any such destruction or damage to the Facilities or the Goods or any part thereof so far as may be required by the Employer, and as may be necessary for completion of the Facilities. If the Employer does not require the Supplier to replace or make good any such destruction or damage to the Facilities, the Employer shall either request a change in accordance with GCC Clause 39, excluding the performance of that part of the Facilities thereby destroyed or damaged or, where the loss, destruction or damage affects a substantial part of the Facilities, shall terminate the Contract, pursuant to GCC sub-Clause 42.1.

		38.4	Notwithstanding anything contained in the Contract, the Employer shall pay the Supplier for any increased costs or incidentals to the execution of the Contract that are in any way attributable to, consequent on, resulting from, or in any way connected with any War Risks, provided that the Supplier shall as soon as practicable notify the Employer in writing of any such increased cost.
		38.5	If during the performance of the Contract any War Risks shall occur that financially or otherwise materially affect the execution of the Contract by the Supplier, the Supplier shall use its reasonable efforts to execute the Contract with due and proper consideration given to the safety of its and its Subsuppliers' personnel engaged in the work on the Facilities, provided, however, that if the execution of the work on the Facilities becomes impossible or is substantially prevented for a single period of more than sixty (60) days or an aggregate period of more than one hundred and twenty (120) days on account of any War Risks, the parties will attempt to develop a mutually satisfactory solution, failing which either party may terminate the Contract by giving a notice to the other.
		38.6	In the event of termination pursuant to GCC sub-Clauses 38.3 or 38.5, the rights and obligations of the Employer and the Supplier shall be specified in GCC sub-Clauses 42.1.2 and 42.1.3.

H. Change in Contract Elements

39.	**Change in the Facilities**	39.1	<u>Introducing a Change</u> 39.1.1 Subject to GCC sub-Clauses 39.2.5 and 39.2.7, the Employer shall have the right to propose, and subsequently require, that the Project Manager order the Supplier from time to time during the performance of the Contract to make any change, modification, addition or deletion to, in or from the Facilities (hereinafter called "Change"), provided that such Change falls within the general scope of the Facilities and does not constitute unrelated work and that it is technically practicable, taking into account both the state of advancement of the Facilities and the technical compatibility of the Change envisaged with the nature of the Facilities as specified in the Contract. 39.1.2 The Supplier may from time to time during its performance of the Contract propose to the Employer

			(with a copy to the Project Manager) any Change that the Supplier considers necessary or desirable to improve the quality, efficiency or safety of the Facilities. The Employer may at its discretion approve or reject any Change proposed by the Supplier, provided that the Employer shall approve any Change proposed by the Supplier to ensure the safety of the Facilities. 39.1.3 Notwithstanding GCC sub-Clauses 39.1.1 and 39.1.2, no change made necessary because of any default of the Supplier in the performance of its obligations under the Contract shall be deemed to be a Change, and such change shall not result in any adjustment of the Contract Price or the Time for Completion. 39.1.4 The procedure on how to proceed with and execute Changes is specified in GCC sub-Clauses 39.2 and 39.3, and further details and sample forms are provided in the Sample Forms and Procedures section in the Tendering Documents.
		39.2	<u>Changes Originating from Employer</u> 39.2.1 If the Employer proposes a Change pursuant to GCC sub-Clause 39.1.1, it shall send to the Supplier a "Request for Change Proposal," requiring the Supplier to prepare and furnish to the Project Manager as soon as reasonably practicable a "Change Proposal," which shall include the following: (a) brief description of the Change (b) effect on the Time for Completion (c) estimated cost of the Change (d) effect on Functional Guarantees (if any) (e) effect on any other provisions of the Contract. 39.2.2 Prior to preparing and submitting the "Change Proposal," the Supplier shall submit to the Project Manager an "Estimate for Change Proposal," which shall be an estimate of the cost of preparing and submitting the Change Proposal. Upon receipt of the Supplier's Estimate for Change Proposal, the Employer shall do one of the following: (a) accept the Supplier's estimate with instructions to the Supplier to proceed with the preparation of the Change Proposal (b) advise the Supplier of any part of its Estimate for Change

			Proposal that is unacceptable and request the Supplier to review its estimate (c) advise the Supplier that the Employer does not intend to proceed with the Change. 39.2.3 Upon receipt of the Employer's instruction to proceed under GCC sub-Clause 39.2.2 (a), the Supplier shall, with proper expedition, proceed with the preparation of the Change Proposal, in accordance with GCC sub-Clause 39.2.1. 39.2.4 The pricing of any Change shall, as far as practicable, be calculated in accordance with the rates and prices included in the Contract. If such rates and prices are inequitable, the parties thereto shall agree on specific rates for the valuation of the Change. 39.2.5 If before or during the preparation of the Change Proposal it becomes apparent that the aggregate effect of compliance therewith and with all other Change Orders that have already become binding upon the Supplier under this GCC Clause 39 would be to increase or decrease the Contract Price as originally set forth in Article 2 (Contract Price) of the Contract Agreement by more than fifteen percent (15%), the Supplier may give a written notice of objection thereto prior to furnishing the Change Proposal as aforesaid. If the Employer accepts the Supplier's objection, the Employer shall withdraw the proposed Change and shall notify the Supplier in writing thereof. The Supplier's failure to so object shall neither affect its right to object to any subsequent requested Changes or Change Orders herein, nor affect its right to take into account, when making such subsequent objection, the percentage increase or decrease in the Contract Price that any Change not objected to by the Supplier represents. 39.2.6 Upon receipt of the Change Proposal, the Employer and the Supplier shall mutually agree upon all matters therein contained. Within fourteen (14) days after such agreement, the Employer shall, if it intends to proceed with the Change, issue the Supplier with a Change Order. If the Employer is unable to reach a decision within fourteen (14) days, it shall notify the Supplier with details of when the Supplier can expect a decision. If the Employer decides not to proceed with the Change for whatever reason, it shall, within the said period of fourteen (14) days, notify the Supplier accordingly. Under such circumstances, the Supplier shall be entitled to reimbursement of all costs reasonably incurred by it in the preparation of the Change Proposal, provided that these do not exceed the amount given by the Supplier in its Estimate for Change Proposal submitted in accordance with GCC sub-Clause 39.2.2.

			39.2.7 If the Employer and the Supplier cannot reach agreement on the price for the Change, an equitable adjustment to the Time for Completion, or any other matters identified in the Change Proposal, the Employer may nevertheless instruct the Supplier to proceed with the Change by issue of a "Pending Agreement Change Order." Upon receipt of a Pending Agreement Change Order, the Supplier shall immediately proceed with effecting the Changes covered by such Order. The parties shall thereafter attempt to reach agreement on the outstanding issues under the Change Proposal. If the parties cannot reach agreement within sixty (60) days from the date of issue of the Pending Agreement Change Order, then the matter may be referred to the Adjudicator in accordance with the provisions of GCC sub-Clause 6.1.
		39.3	<u>Changes Originating from Supplier</u> 39.3.1 If the Supplier proposes a Change pursuant to GCC sub-Clause 39.1.2, the Supplier shall submit to the Project Manager a written "Application for Change Proposal," giving reasons for the proposed Change and including the information specified in GCC sub-Clause 39.2.1. Upon receipt of the Application for Change Proposal, the parties shall follow the procedures outlined in GCC sub-Clauses 39.2.6 and 39.2.7. However, should the Employer choose not to proceed, the Supplier shall not be entitled to recover the costs of preparing the Application for Change Proposal.
40.	**Extension of Time for Completion**	40.1	The Time(s) for Completion specified in the SCC shall be extended if the Supplier is delayed or impeded in the performance of any of its obligations under the Contract by reason of any of the following: (a) any Change in the Facilities as provided in GCC Clause 39 (b) any occurrence of Force Majeure as provided in GCC Clause 37, unforeseen conditions as provided in GCC Clause 35, or other occurrence of any of the matters specified or referred to in paragraphs (a), (b) and (c) of GCC sub-Clause 32.2 (c) any suspension order given by the Employer under GCC Clause 41 hereof or reduction in the rate of progress pursuant to GCC sub-Clause 41.2 or (d) any changes in laws and regulations as provided in GCC Clause 36 or (e) any default or breach of the Contract by the Employer, specifically including failure to supply the items listed in the corresponding Appendix (Scope of Works and Supply by the Employer) to the Contract Agreement, or any activity, act or omission of any other suppliers employed by the Employer or

			(f) any other matter specifically mentioned in the Contract by such period as shall be fair and reasonable in all the circumstances and as shall fairly reflect the delay or impediment sustained by the Supplier.
		40.2	Except where otherwise specifically provided in the Contract, the Suppliershall submit to the Project Manager a notice of a claim for an extension of the Time for Completion, together with particulars of the event or circumstance justifying such extension as soon as reasonably practicable after the commencement of such event or circumstance. As soon as reasonably practicable after receipt of such notice and supporting particulars of the claim, the Employer and the Supplier shall agree upon the period of such extension. In the event that the Supplier does not accept the Employer's estimate of a fair and reasonable time extension, the Supplier shall be entitled to refer the matter to an Adjudicator, pursuant to GCC sub-Clause 6.1.
		40.3	The Supplier shall at all times use its reasonable efforts to minimize any delay in the performance of its obligations under the Contract.
41.	**Suspension**	41.1	The Employer may request the Project Manager, by notice to the Supplier, to order the Supplier to suspend performance of any or all of its obligations under the Contract. Such notice shall specify the obligation of which performance is to be suspended, the effective date of the suspension and the reasons therefor. The Supplier shall thereupon suspend performance of such obligation (except those obligations necessary for the care or preservation of the Facilities) until ordered in writing to resume such performance by the Project Manager. If, by virtue of a suspension order given by the Project Manager, other than by reason of the Supplier's default or breach of the Contract, the Supplier's performance of any of its obligations is suspended for an aggregate period of more than ninety (90) days, then at any time thereafter and provided that at that time such performance is still suspended, the Supplier may give a notice to the Project Manager requiring that the Employer shall, within twenty-eight (28) days of receipt of the notice, order the resumption of such performance or request and subsequently order a change in accordance with GCC Clause 39, excluding the performance of the suspended obligations from the Contract. If the Employer fails to do so within such period, the Supplier may, by a further notice to the Project Manager, elect to treat the suspension, where it affects a part only of the Facilities, as a deletion of such part in accordance with GCC Clause 39 or, where it affects the whole of the Facilities, as termination of the Contract under GCC sub-Clause 42.1.
		41.2	If: (a) the Employer has failed to pay the Supplier any sum due under the Contract within the specified period, has failed to approve any

			invoice or supporting documents without just cause pursuant to the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement, or commits a substantial breach of the Contract, the Supplier may give a notice to the Employer that requires payment of such sum, with interest thereon as stipulated in GCC sub-Clause 12.3, requires approval of such invoice or supporting documents, or specifies the breach and requires the Employer to remedy the same, as the case may be. If the Employer fails to pay such sum together with such interest, fails to approve such invoice or supporting documents or give its reasons for withholding such approval, or fails to remedy the breach or take steps to remedy the breach within fourteen (14) days after receipt of the Supplier's notice or (b) the Supplier is unable to carry out any of its obligations under the Contract for any reason attributable to the Employer, including but not limited to the Employer's failure to provide possession of or access to the Site or other areas in accordance with GCC sub-Clause 10.2, or failure to obtain any governmental permit necessary for the execution and/or completion of the Facilities, then the Supplier may by fourteen (14) days' notice to the Employer suspend performance of all or any of its obligations under the Contract, or reduce the rate of progress.
		41.3	If the Supplier's performance of its obligations is suspended or the rate of progress is reduced pursuant to this GCC Clause 41, then the Time for Completion shall be extended in accordance with GCC sub-Clause 40.1, and any and all additional costs or expenses incurred by the Supplier as a result of such suspension or reduction shall be paid by the Employer to the Supplier in addition to the Contract Price, except in the case of suspension order or reduction in the rate of progress by reason of the Supplier's default or breach of the Contract.
		41.4	During the period of suspension, the Supplier shall not remove from the Site any Goods, any part of the Facilities or any Supplier's Equipment, without the prior written consent of the Employer.
42.	**Termination**	42.1	<u>Termination for Employer's Convenience</u> 42.1.1 The Employer may at any time terminate the Contract for any reason by giving the Supplier a notice of termination that refers to this GCC sub-Clause 42.1. 42.1.2 Upon receipt of the notice of termination under GCC sub-Clause 42.1.1, the Supplier shall either immediately or upon the date specified in the notice of termination (a) cease all further work, except for such work as the Employer may specify in the notice of termination for the sole purpose of protecting that part of the Facilities already executed, or any work required to leave the Site in a clean and safe

condition

(b) terminate all subcontracts, except those to be assigned to the Employer pursuant to paragraph (d) (ii) below

(c) remove all Supplier's Equipment from the Site, repatriate the Supplier's and its Subsuppliers' personnel from the Site, remove from the Site any wreckage, rubbish and debris of any kind, and leave the whole of the Site in a clean and safe condition

(d) In addition, the Supplier, subject to the payment specified in GCC sub-Clause 42.1.3, shall

(i) deliver to the Employer the parts of the Facilities executed by the Supplier up to the date of termination

(ii) to the extent legally possible, assign to the Employer all right, title and benefit of the Supplier to the Facilities and to the Goods as of the date of termination, and, as may be required by the Employer, in any subcontracts concluded between the Supplier and its Subsuppliers

(iii) Deliver to the Employer all non-proprietary drawings, specifications and other documents prepared by the Supplier or its Subsuppliers as at the date of termination in connection with the Facilities.

42.1.3 In the event of termination of the Contract under GCC sub-Clause 42.1.1, the Employer shall pay to the Supplier the following amounts:

(a) the Contract Price, properly attributable to the parts of the Facilities executed by the Supplier as of the date of termination

(b) the costs reasonably incurred by the Supplier in the removal of the Supplier's Equipment from the Site and in the repatriation of the Supplier's and its Subsuppliers' personnel

(c) any amounts to be paid by the Supplier to its Subsuppliers in connection with the termination of any subcontracts, including any cancellation charges

(d) costs incurred by the Supplier in protecting the Facilities and leaving the Site in a clean and safe condition pursuant to paragraph (a) of GCC sub-Clause 42.1.2

(e) The cost of satisfying all other obligations, commitments and claims that the Supplier may in good faith have undertaken with third parties in connection with the Contract and that are not covered by paragraphs (a) through (d) above.

		42.2	Termination for Supplier's Default 42.2.1 The Employer, without prejudice to any other rights or remedies it may possess, may terminate the Contract forthwith in the following circumstances by giving a notice of termination and its reasons therefor to the Supplier, referring to this GCC sub-Clause 42.2: (a) if the Supplier becomes bankrupt or insolvent, has a receiving order issued against it, compounds with its creditors, or, if the Supplier is a corporation, a resolution is passed or order is made for its winding up (other than a voluntary liquidation for the purposes of amalgamation or reconstruction), a receiver is appointed over any part of its undertaking or assets, or if the Supplier takes or suffers any other analogous action in consequence of debt (b) if the Supplier assigns or transfers the Contract or any right or interest therein in violation of the provision of GCC Clause 43. (c) if the Supplier, in the judgment of the Employer has engaged in corrupt, coercive, collusive, obstructive or fraudulent practices in competing for or in executing the Contract. For the purpose of this paragraph: i. "corrupt practice means the offering, giving receiving or soliciting of anything of value to influence the action of a public officer in the procurement process or contract execution; ii. "coercive practice" means impairing or harming, or threatening to impair or harm directly or indirectly, any party or the property of the party for the purpose of influencing improperly the action or that party in connection with public procurement or in furtherance of corrupt practice or fraudulent practice; iii. collusive practices" means impairing or harming, or threatening to impair or harm directly or indirectly, any part or the property of the Party for the purpose of influencing improperly the action or a part or in connection with public procurement or government contracting or in furtherance of a corrupt practice or a Fraudulent Practice iv. "fraudulent practice" means a misrepresentation of facts in order to influence a procurement process or the execution of a contract to the detriment of the Government or a public body and includes collusive practices among tenderers, prior to or after submission

			designed to establish tender prices at artificial non-competitive levels and to deprive the Government of the benefits of free and open competition; v. "obstructive practice" means acts intended to materially impede access to required information in exercising a duty under this Act; 42.2.2 If the Supplier (a) has abandoned or repudiated the Contract (b) has without valid reason failed to commence work on the Facilities promptly or has suspended (other than pursuant to GCC sub-Clause 41.2) the progress of Contract performance for more than twenty-eight (28) days after receiving a written instruction from the Employer to proceed (c) persistently fails to execute the Contract in accordance with the Contract or persistently neglects to carry out its obligations under the Contract without just cause (d) refuses or is unable to provide sufficient materials, services or labor to execute and complete the Facilities in the manner specified in the programme furnished under GCC sub-Clause 18.2 at rates of progress that give reasonable assurance to the Employer that the Supplier can attain Completion of the Facilities by the Time for Completion as extended, then the Employer may, without prejudice to any other rights it may possess under the Contract, give a notice to the Supplier stating the nature of the default and requiring the Supplier to remedy the same. If the Supplier fails to remedy or to take steps to remedy the same within fourteen (14) days of its receipt of such notice, then the Employer may terminate the Contract forthwith by giving a notice of termination to the Supplier that refers to this GCC sub-Clause 42.2. 42.2.3 Upon receipt of the notice of termination under GCC sub-Clauses 42.2.1 or 42.2.2, the Supplier shall, either immediately or upon such date as is specified in the notice of termination, (a) cease all further work, except for such work as the Employer may specify in the notice of termination for the sole purpose of protecting that part of the Facilities already executed, or any work required to leave the Site in a clean and safe condition (b) terminate all subcontracts, except those to be assigned to the Employer pursuant to paragraph (d) below (c) deliver to the Employer the parts of the Facilities executed by the Supplier up to the date of termination (d) to the extent legally possible, assign to the Employer all

right, title and benefit of the Supplier to the Facilities and to the Goods as of the date of termination, and, as may be required by the Employer, in any subcontracts concluded between the Supplier and its Subsuppliers

(e) Deliver to the Employer all drawings, specifications and other documents prepared by the Supplier or its Subsuppliers as of the date of termination in connection with the Facilities.

42.2.4 The Employer may enter upon the Site, expel the Supplier, and complete the Facilities itself or by employing any third party. The Employer may, to the exclusion of any right of the Supplier over the same, take over and use with the payment of a fair rental rate to the Supplier, with all the maintenance costs to the account of the Employer and with an indemnification by the Employer for all liability including damage or injury to persons arising out of the Employer's use of such equipment, any Supplier's Equipment owned by the Supplier and on the Site in connection with the Facilities for such reasonable period as the Employer considers expedient for the supply and installation of the Facilities.

Upon completion of the Facilities or at such earlier date as the Employer thinks appropriate, the Employer shall give notice to the Supplier that such Supplier's Equipment will be returned to the Supplier at or near the Site and shall return such Supplier's Equipment to the Supplier in accordance with such notice. The Supplier shall thereafter without delay and at its cost remove or arrange removal of the same from the Site.

42.2.5 Subject to GCC sub-Clause 42.2.6, the Supplier shall be entitled to be paid the Contract Price attributable to the Facilities executed as of the date of termination, the value of any unused or partially used Goods on the Site, and the costs, if any, incurred in protecting the Facilities and in leaving the Site in a clean and safe condition pursuant to paragraph (a) of GCC sub-Clause 42.2.3. Any sums due the Employer from the Supplier accruing prior to the date of termination shall be deducted from the amount to be paid to the Supplier under this Contract.

42.2.6 If the Employer completes the Facilities, the cost of completing the Facilities by the Employer shall be determined.

If the sum that the Supplier is entitled to be paid, pursuant to GCC sub-Clause 42.2.5, plus the reasonable costs incurred by the Employer in completing the Facilities, exceeds the Contract Price, the Supplier shall be liable for such excess.

If such excess is greater than the sums due the Supplier under GCC sub-Clause 42.2.5, the Supplier shall pay the balance to the Employer, and if such excess is less than the sums due the Supplier under GCC sub-Clause 42.2.5, the Employer shall pay

			the balance to the Supplier. The Employer and the Supplier shall agree, in writing, on the computation described above and the manner in which any sums shall be paid.
		42.3	Termination by Supplier 42.3.1 If (a) the Employer has failed to pay the Supplier any sum due under the Contract within the specified period, has failed to approve any invoice or supporting documents without just cause pursuant to the corresponding Appendix (Terms and Procedures of Payment) of the Contract Agreement, or commits a substantial breach of the Contract, the Supplier may give a notice to the Employer that requires payment of such sum, with interest thereon as stipulated in GCC sub-Clause 12.3, requires approval of such invoice or supporting documents, or specifies the breach and requires the Employer to remedy the same, as the case may be. If the Employer fails to pay such sum together with such interest, fails to approve such invoice or supporting documents or give its reasons for withholding such approval, fails to remedy the breach or take steps to remedy the breach within fourteen (14) days after receipt of the Supplier's notice, or (b) the Supplier is unable to carry out any of its obligations under the Contract for any reason attributable to the Employer, including but not limited to the Employer's failure to provide possession of or access to the Site or other areas or failure to obtain any governmental permit necessary for the execution and/or completion of the Facilities, then the Supplier may give a notice to the Employer thereof, and if the Employer has failed to pay the outstanding sum, to approve the invoice or supporting documents, to give its reasons for withholding such approval, or to remedy the breach within twenty-eight (28) days of such notice, or if the Supplier is still unable to carry out any of its obligations under the Contract for any reason attributable to the Employer within twenty-eight (28) days of the said notice, the Supplier may by a further notice to the Employer referring to this GCC sub-Clause 42.3.1, forthwith terminate the Contract. 42.3.2 The Supplier may terminate the Contract forthwith by giving a notice to the Employer to that effect, referring to this GCC sub-Clause 42.3.2, if the Employer becomes bankrupt or insolvent, has a receiving order issued against it, compounds with its creditors, or, being a corporation, if a resolution is passed or order is made for its winding up (other than a voluntary

			liquidation for the purposes of amalgamation or reconstruction), a receiver is appointed over any part of its undertaking or assets, or if the Employer takes or suffers any other analogous action in consequence of debt. 42.3.3 If the Contract is terminated under GCC sub-Clauses 42.3.1 or 42.3.2, then the Supplier shall immediately (a) cease all further work, except for such work as may be necessary for the purpose of protecting that part of the Facilities already executed, or any work required to leave the Site in a clean and safe condition (b) terminate all subcontracts, except those to be assigned to the Employer pursuant to paragraph (d) (ii) (c) Remove all Supplier's Equipment from the Site and repatriate the Supplier's and its Subsuppliers' personnel from the Site. (d) In addition, the Supplier, subject to the payment specified in GCC sub-Clause 42.3.4, shall (i) deliver to the Employer the parts of the Facilities executed by the Supplier up to the date of termination (ii) to the extent legally possible, assign to the Employer all right, title and benefit of the Supplier to the Facilities and to the Goods as of the date of termination, and, as may be required by the Employer, in any subcontracts concluded between the Supplier and its Subsuppliers (iii) Deliver to the Employer all drawings, specifications and other documents prepared by the Supplier or its Subsuppliers as of the date of termination in connection with the Facilities. 42.3.4 If the Contract is terminated under GCC sub-Clauses 42.3.1 or 42.3.2, the Employer shall pay to the Supplier all payments specified in GCC sub-Clause 42.1.3, and reasonable compensation for all loss, except for loss of profit, or damage sustained by the Supplier arising out of, in connection with or in consequence of such termination. 42.3.5 Termination by the Supplier pursuant to this GCC sub-Clause 42.3 is without prejudice to any other rights or remedies of the Supplier that may be exercised in lieu of or in addition to rights conferred by GCC sub-Clause 42.3.
		42.4	In this GCC Clause 42, the expression "Facilities executed" shall include all work executed, Installation Services provided, and all Goods acquired (or subject to a legally binding obligation to purchase) by the Supplier and

			used or intended to be used for the purpose of the Facilities, up to and including the date of termination.
		42.5	In this GCC Clause 42, in calculating any monies due from the Employer to the Supplier, account shall be taken of any sum previously paid by the Employer to the Supplier under the Contract, including any advance payment paid pursuant to the corresponding Appendix (Terms and Procedures of Payment) to the Contract Agreement.
43.	**Assignment**	43.1	Neither the Employer nor the Supplier shall, without the express prior written consent of the other party (which consent shall not be unreasonably withheld), assign to any third party the Contract or any part thereof, or any right, benefit, obligation or interest therein or thereunder, except that the Supplier shall be entitled to assign either absolutely or by way of charge any monies due and payable to it or that may become due and payable to it under the Contract.

SCHEDULE OF REQUIREMENT

ITEM DESCRIPTION	**LOCATION**	**QTY**	**UNIT PRICE**	**TOTAL (TZS)**
	CHATO ZRH			
MRI 1.5 TESLA	1	1	2,370,000,000	2,370,000,000
				2,370,000,000

TECHNICAL SPECIFICATIONS

MRI 1.5 Tesla Specifications
5 year warranty with semi-annual Planned preventive maintenance (PPM) with comprehensive Maintenance and spare parts inclusive.
The machine should be New, of modern technology with a minimum of 1.5T magnet and should be provided with respective coils for scanning-brain, head, neck, spine, shoulder, Body/torso, rectum, Knee, Wrist, Cardiac imaging, Breast.
60cm or more Open Bore design.
Weight should not exceed 4.2 tons.
It should be able to perform contrasted and non-contrasted angiography, spectroscopy, plague imaging and colour analysis, motion compensating radial techniques, brain volume imaging, diffusion tensor imaging, diffusion(C+DTI) tensor tractography (DTT), MRCP, respiratory triggering detector, and MRI software protocol of sickle cell.
USB port for data transfer. At last gradient amplitude of 30mT/m, slew rate 125T/m/s. Apart from that the Machine's work station be of latest technology and DICOM 3-D image export compatible. Should have zero boil off technology for saving helium.
The examination table minimum patient load should be 200 kg at least two emergency buttons should be provided, one in the console room and the other in the magnet room.
• Preparation of initial installation requirements to meet equipment specific needs.
Five years comprehensive Maintenance inclusive.

Coils:
MRI should be provided with but not limited to respective 8 channels or better coils for scanning-brain, head, neck, spine, shoulder, Body/torso, rectum, Knee, Wrist, Cardiac imaging, Breast, temporomandibular joint, cervical spine, thoracic spine, lumbar spine, chest, heart, abdomen, pelvis, hip, elbow, prostate, colon, cervix, MR Angiography.

RF system:
RF output capacity above 16 Kw (100% duty cycle)
Sampling frequency at 80 MHz
Digital sampling as close as possible to the coil
Reception bandwidth approx. 3MHz
8 RF reception channels
The following imaging techniques should be included: Spin Echo (SE), Inversion Recovery (IR), Gradient Echo (GRE), Turbo Spin Echo, Fast Spin Echo (TSE, FSE), Echo Planar imaging (EPI).

Gradient coil:
Gradient output approx. 0.7 MVA
Minimal field of view below 10 mm
Maximum amplitude above 30mT/m
Maximum amplitude slew rate above 120 T/m/s
b-value: 10,000 or better
Linearity below 1.5% with maximum FOV
TE time: (2D/3D FFE, 256 matrix) below 0.6 ms
TE time (1000 b-value, 128 matrix) below 70 ms

TR time (2D/3D FFE, 256 matrix) below 1.5 ms
Acquisition matrix of 1.024 or better
Slice thickness 2D: 0.5 mm or better
Slice thickness 3D: 0.05 mm or better
It should have a license on 3D neuro perfusion , license on cardiac in 3 aspects: 1. Functional, 2. Morphology and 3. Viability
MRI workstation for post processing
Possibilities for upgrades

Patient table:
Motorized table in vertical and Z direction
Table vertical height is from 550 mm up to scanner height
Maximum patient weight : 250 kg or better
MRI examination table should be movable up and down to accommodate both stretcher or non ambulant.

Other items: MRI Compatible accessories
Including Faraday Cage with all the necessary accessories and installation
Patient trolley is included
MRI compatible mobile patient monitor – 1 piece
MRI compatible stretcher – 1 piece
MRI wheel chairs – 1 piece
MRI compatible injector pump - 1 piece
MRI compatible oxygen cylinder 1 piece
MRI weighting scale – 1 piece
MRI compatible ECG electrodes – 1 piece
MRI Two ways communication system – 1 piece
MRI entertainment system with headphones
MRI compatible airway laryngoscopes (for adult and Paediatrics) – 2 pieces
MRI compatible patient beds – 2 pieces
MRI compatible fire extinguisher
Total metal detector – 1 piece

Electrical systems:
Including Universal Power Supply with 15 minutes backup capacity and voltage regulation of approx. +/- 25% from the normal voltage level for the workstation and monitors.
Including Universal Power Supply with backup capacity for the patient bed, so to make it possible to retract the patient table from the gantry in case of a power failure.
Including voltage regulator with range of approx. +/- 25% from the normal voltage level and 20% from the three -phased voltage level. Unit is connected to all electrical devices.

Training, Installation and Utilization
Requirements for commissioning: Manufacturer/supplier should perform installation, safety and operation checks before handover. Acceptance tests to be specified and local clinical and technical staff to verify proper and full functioning of device.
Training of user/s: Application specialist shall provide training for users in operation and basic maintenance for all radiologists and all radiographers and refresher training on site every year for 5 years.

Comprehensive service training for 1 BME at Manufacturer's site.

Warranty and Maintenance

5 years warranty with Comprehensive Maintenance and spare parts inclusive. Lifetime support; spare parts, consumables should be available throughout the lifetime period of the machine.

Uptake time should be a minimum of 90%.

Software should be flexible and provide the room for upgrade to add new parameters to be measured by the Machine and report format.

WORKSTATIONS: (Total two (1 at operator console room & 1 at Radiologist room)

1. Should have Flat screen Medical Diagnostic monitor (minimum 1Mega pixels coloured) of **at least 24"** with fast image refresh rate should be fast and preferably instantaneous and flicker free with Hard Disk of 1TB or more, capable of simultaneous viewing of all post processing functions and filming independently without the help of main console. Data transfer between the operator console & the satellite workstation should be instantaneous.

2. Should have 3GHz or latest processor with 16GB RAM.

3. Should have lung nodule evaluation software as standard.

4. MRI Angio – post processing software should include VRT, MIP, 3D SSD, Image fusion.

5. The advance vessel analysis, auto bone removal, small volume quantification, MRI Colonography with polyp measurement and auto registration of prone and supine views. MRI reporting should be possible independently of workstation.

6. Digital Subtraction Angiography should be available for Neuro Angiography

7. System should be offered with complete & latest Cardiac Post Processing packages on workstation.

8. Advanced Neuro package to be offered.

a. Hemoperfusion MRI: Evaluation of dynamic MRI data of Brain. Different Diagnosis of Acute ischemic stroke. Assessment of dynamic cerebral perfusion, CBV, CBF, TTP and tissue at risk classification.

b. Tumour evaluation: Automated evaluation of Blood Brain Barrier disruptions in Brain Tumour.

c. Neuro perfusion weighted map (NWM): Visualization of colour coded source images for 3D display of acute stroke.

d. Neuro DSA MRI should provide Visualization of intracranial vascular structures based on digital bone removal.

9. The system should be user friendly with all functions menu driven. It should be modern user interface and 50 DVD blank (medical grade) should be provided.

10. All workstations should be fully loaded with licensed post processing software capability.

Documentation: Operating and service manuals (in English) including lists of important spares and accessories - with their part numbers and list of equipment and procedures required for calibration and routine maintenance should be provided. Documentation must also show recommended procedures for disposal and any probable hazards to the environment and/or community.

Life span: Life span of the machine should be not less than 10 Years.

Risk Classification: As per ISO 14971:2007- Application of risk management to medical devices.

Regulatory Approval / Certification: TAEC, TBS and TMDA

SYSTEM INTEGRATION

- DICOM
- MRI image storage SCU/SCP
- Enhanced MRI storage SCU/SCP
- ECG waveform SCP/SCU
- Modality worklist SCU
- Query/retrieve SCU and SCP
- Storage commitment SCU
- Modality performed procedure step SCU
- IHE profiles supported
- Cloud -based storage option

PAYMENT SCHEDULE

S/N	DESCRIPTION	PERIOD	PERCENTAGE
1	Advance payment (Upon submission of half unconditional Advance payment guarantee for advance amount to be paid.)	14 days	50%
2	After installation, testing, commission and training of the user department and to be for use	Within 14 days	45%
3	After practical completion	14 days	5%
4	After warrant period together with comprehensive maintenance as per tender agreement	5 years	0%

TRAINING SCHEDULE

SN	DESCRIPTION	SCHEDULE	NUMBER OF STAFF
1.	ON SITE TRAINING ONE WEEK FOR BIOMEDICAL ENGINEER/TECHNICIAN AND USER	EVERY SIX MONTHS	15
2	OFFSITE TRAINING FOR 1 WEEK BY MANUFACTURER, ON DESIGNATED SITE WITHIN AFRICA FOR (BIOMEDICAL ENGINEER/TECHNICIAN)	ONCE IN FIVE (5)YEARS	2

MAINTENANCE SCHEDULE

The supplier will be required to do regular onsite equipment examination and/or maintenance in every six-months and on demand starting from the date of delivery of the equipment for the period of five years.

In the event that default of the equipment occurs before the period of six months, the supplier will be required to attend for maintenance in a period not exceeding one month since notification of the default.

IN WITNESS WHEREOF, the **Supplier** and the **Purchaser** have dully executed these presents in the manner and on the respective dates hereinafter appearing.

SEALED with the **COMMON SEAL** of the said
BUGANDO MEDICAL CENTRE (BMC)
And **delivered at MWANZA** in the presence
Of us this 01 day of FEB 2022

.....
COMMON SEAL

Name: DR. FABIAN A. MASSAGA
Signature: .....
Postal Address: 1370 MWANZA
Designation: DIRECTOR GENERAL

BUGANDO MEDICAL CENTRE

Name (Witness): Cornelius H. Ntungwelli
Signature: .....
Postal Address: Box 1370, MWANZA
Designation: LEGAL OFFICER / ADVOCATE

CORNELIUS H. NTUNGWELLI
Advocate, Notary Public & Commissioner for Oaths
P.O. Box 1370, MWANZA

Name: Dr. Brian Murelli
Signature: .....
Postal Address: 43 Chato'
Designation: MO I/c

CHATO ZONAL REFERAL HOSPITAL

MEDICAL OFFICER IN CHARGE
04 FEB 2022
P.O.BOX 43
CHATO-GEITA
CHATO ZONAL REFERRAL HOSPITAL

SEALED with the **COMMON SEAL** of the said

M/S PACIFIC DIAGNOSTIC LTD

And **delivered** at MWANZA

In the presence of us this 01. Day of Feb 2022



.....

COMMON SEAL

Name: MARTIN PHILIP

Signature: .....

Postal Address: 34056 DSM

Designation: CHIEF OPERATIONS OFFICER

Name (Witness): STEPHEN LUSGI

Signature: .....

Postal Address: 34056 DSM

Designation: MEDICAL REPRESENTATIVE