Schedule A: Scope of Works
Warehouse Construction

1- PURPOSE AND DESCRIPTION OF WORKS

Tasiast mine is constructing a new supply chain warehouse. Tasiast Supply Chain Department has contracted an Engineering company that has designed the technical Drawings and bill of materials for the Warehouse Construction. This Engineering company is in charge also for Project Management of these construction works. TMLSA requires services to construct a new warehouse as per attached technical drawings, scope of work and bill of materials. All construction Services to be provided fully finished and ready for use (such as excavating, removals, structures, masonry, Plumbing and Carpentry (aluminum and metal) services).

2- BIDDER'S PROPOSAL CONTENT

3.1.- Detailed Execution Plan

3.2.- Mob/Demob Plan

3.3.- Work Breakdown Schedule in Microsoft Project format or similar + pdf, for every construction unit to be carried out

3.4.- Manpower schedule. Personnel resumes.

3.5.- QA/QC Plan

3.6.- Pricing schedule as per Schedule B. Please submit it both in pdf and excel format.

3.7.- Brochure indicating similar works and Kinross past experience with references and contact numbers

3.8.- Any others considered by the contractor that could improve the quality and/or results of this project.

3- SAFETY

Safety is Contractor's responsibility and accordingly Contractor shall ensure the highest standards of safety and accident prevention. In order to maintain a safe and healthy work environment Contractor shall comply fully with applicable Kinross/Tasiast Cardinal Rules (as provided at all inductions), Government Laws, codes, rules and regulations and the requirements of Company's Health and Safety Management System at all times during performance of the Services. The Health and Safety requirements as they relate to Contractor are presented in the Attachments.

SCHEDULE A – SUPPLEMENT A1

SCOPE OF WORK/DESCRIPTION OF SERVICES – SPECIFIC

This Schedule A – Supplement A1 describes the specific items to be provided and performed by Contractor in order to complete the "Warehouse Construction". The performance of all Services and completion of the Work shall be carried out in accordance with the applicable Drawings, Specifications and the provisions of the Agreement.

The following systems are within scope of work:

Item	WORK DESIGNATIONS	U	QTE
A	**LOT A : CIVIL ENGINEERING WORKS**		
I	**PRELIMINARY & GENERAL**		
I.1	**SITE PREPARATION**		
I.1.1	Mobilization and Demobilization of contractor	L.S	1.00
I.1.2	Earthworks	L.S	1.00
I			
II	**FOUNDATIONS**		
II.1	Site survey and levelling	L.S	1.00
II.2	Foundations excavation	m^3	247.00
II.3	5cm of 250kg/m3 dosed lean Concrete	m^3	6.47
II.4	Reinforced concrete dosed at 305 kg/m3		
	• Foundations	m^3	56.66
	• Post Primers	m^3	9.21
	• Slab on the Ground	m^3	523.77
II			
III	**STEEL STRUCTURE**		
III.1	Supply and Fit HEB 550, including all accessories	kg	2507.40
III.2	Supply and Fit HEA 220, including all accessories	kg	2652.26
III.3	Supply and Fit HEA 300, including all accessories	kg	5562.90
III.4	Supply and Fit HEA 340, including all accessories	kg	3832.50
III.5	Supply and Fit IPE 160, including all accessories	kg	21756.00
III.6	Supply and Fit IPE 550, including all accessories	kg	4140.36
III.7	Supply and Fit IPE 220, including all accessories	kg	2046.74
III.8	Supply and Fit HEB 360, including all accessories	kg	11151.63

III.9	Supply and Fit Steel profiles at 60X60X6, including all accessories	kg	1138.00
III.10	Supply and Fit Panel Cladding with insulation	m²	1190.00
III.11	Supply and Fit roof cladding insulated panel	m²	1992.06
III			
IV	**BLOCK WORKS**		
IV.1	Supply and Build block (16x40x60)	m²	28.64
IV.2	Supply and Build block (20x40x60)	m²	101.69
IV.3	Supply and Build hollow bricks (20x20x40) for masonry	m²	351.251
IV.4	Walls Plastering (1.5cm)	m²	702.50
IV.5	Roof Plastering (2.5cm)	m²	264.00
IV.6	Septic tank & manhole civil engineering works	u	1.00
IV			
B	**LOT B : TECHNICAL PACKAGES WORKS**		
V	**ELECTRICAL WORKS**		
V.1	Supply and installation electric wiring with appropriate cross-section box for: light (1.5mm2), price circuit (2.5mm2)	L.S	1.00
V.2	Supply and installation light LED 1200	u	29.00
V.3	Supply and installation LED flood light outdoor wall washer	u	10.00
V.4	Supply and installation Double parabolic fluorescent lighting fixtures 80W	u	22.00
V.5	Supply and installation Signal-Stat	u	22.00
V.6	Supply and installation light switch	u	13.00
V.7	Supply and installation plug 2P+T	u	65.00
V.8	Supply and installation Exhaust Fan	u	6.00
V.9	Supply and installation split 18000 BTU/h	u	14.00
V.10	Supply and installation complete alarm system	u	1.00
V			
VI	**PLUMBING**		
VI.1	Water distribution, including all subjects	L.S	1.00
VI.2	Waste water evacuation, including all subjects	L.S	1.00
VI.3	Supply and installation wc	L.S	2.00
VI.4	Supply and installation of complete new sinks	u	3.00
VI.5	Supply and installation of complete shower tray	u	1.00
VI.6	Supply and installation siphon 15x15	u	3.00

VI.7	Supply and installation PVC Dn110 for downpour rainwater, including all subject	ml	32.00
VI.8	Wash water heater	u	1.00
VI			
VII	**CARPENTRY**		
VII.1	**Mixed wood and metal**		
VII.1.1	(Supplied by Tasiast) SRD (Door Size: 2.5 x 2.9 (8' 2 1/2" x 9;' 7") HDC_DD_8X10 - TNR Rubber Roll-Up Door Springless Design)	u	2.00
VII.1.2	(Supplied by Tasiast) BRD (Door Size: 4.5 x 5 (14' 9.25" x 16' 5") HDC_DD_15X16 - TNR Rubber Roll-Up Door Springless Design)	u	1.00
VII.1.3	Installation SRD Door 2.5 x 2.9 (8' 2 1/2" x 9;' 7")	u	2.00
VII.1.4	Installation BRD Door 4.5 x 5 (14' 9.25" x 16' 5")	u	1.00
VII.1.5	Supply and installation man-sized door (1200x2100)	u	2.00
VII.1.6	Supply and installation D1 (900x2100)	u	6.00
VII.1.7	Supply and installation D2 (700x2000)	u	2.00
VII.2	**METALLIC**		
VII.2.1	Supply and installation metallic staircase	u	1.00
VII.2.2	Septic tank & manhole metal cover (50*50)	u	2.00
VII			
VIII	**PAINTING & FINISHES**		
VIII.1	Painting preparation	L.S	1.00
VIII.2	Supply and apply a double layer of vinylic	L.S	1.00
VIII.3	Supply and apply a double layer of glycerophtelic on all steel elements	L.S	1.00
IX	**TILE WORK**		
IX.1	Tile for offices slab (40x40cm)	m^2	262.44
IX.2	40x40 non slip tile in wc	m^2	29.17
IX.3	Earthenware for wc	m^2	69.30
IX.4	Plinth 40ml	m^2	175.80

1- DETAILED DESCRIPTION

Standards

The design, material, engineering, fabrication, manufacturing, inspection, testing, certification, stamping, cleaning, and supervision of the components to be supplied under this specification shall be in accordance with internationally recognised standards, and with those in the specific requirements included in these tender documents.

In addition, the Contractor shall conform to all applicable requirements of those regulatory bodies, agencies and authorities within whose jurisdiction the project falls.

- The Contractor shall detail all appropriate standards used in his engineering, design and execution plans.
- The Contractor shall also stipulate what safety design margins he is adopting for each system.

Materials

- The Contractor is responsible for the proper selection of the material and has to consider all boundary conditions, especially lifetime.

Erection

- The contractor shall submit erection and installation procedures as well as health and safety instructions.
- The erection shall be carried out under the full responsibility of the Contractor.
- All special tools required for erection and/or other works shall be included in the scope of supply.

2- SCOPE OF WORKS AND SUPPLY

The performances and services of the Contractor consist in minimum of the following major activities, but it is inclusive, but not limited to:

- Earthworks
- Installations
- Erection
- Commissioning
- Supervision / manpower
- HSE
- Testing
- Quality assurance
- CE declaration of conformity
- Entire Product Documentation (civil basic engineering, approval documentation, QA documentation,

Notwithstanding anything specified herein, the Contractor shall be responsible for the completeness of the systems to guarantee the safe and reliable function of piping systems, operation and maintenance of the equipment, according to the technical standards and requirements.

Equipment supplied by third parties does not exclude control and documentation within the Contractor's scope of supply.

3- GENERAL PROJECT PROCESSING

- Project time schedule
- Project Reporting
- QA/QC documents (e.g. PQP, ITP, material certificates)
- CE declaration of conformity
- HSE documents including Method Statements, Risk Assessment
- End documentation with Red Lining
- Packing and Transportation documentation

Erection and civil processing

- Erection documentation (e.g. description, drawings, examination sheets, welding procedures, repair procedures, lifting plan)

Hardware and Work

- All equipment components necessary for safe operation of the delivered system
- Installation and erection on site including supervision, manpower, tools and connection to all terminal
- Commissioning
- Acceptance tests including all necessary equipment in shop / on site
- Packing and Transport
- Material unloading and handling on site and stockyard
- Quality assurance in shop and on site
- Aspects of work safety shall be taken into account according to the current regulations.

Limits of supply

- All concrete works are part of the Contractor;
- Secondary steel structure and connection like welding is part of the Contractor; repainting of welding point is part of the Contractor
- Site and storage area is provided by customer according to site regulations
- The Contractor has to provide all arrangements and packing to transport and store the components according to his storage and transport conditions (tents, temporary supports, ambient temperature etc.)
- Disposal of packing belongs to customer
- Permanent labelling is done by Contractor

4- TIME SCHEDULE

The intended deadline for this project is July 7th, 2017 and penalties might eventually be included in the contract regarding this date.

Documentation Schedule

- Monthly progress report every 5th of the month
- The Contractor will be expected to provide CV of the construction Manager and key personal as deemed necessary by Tasiast, prior to Mobilization for approval.
- Also, the Contractor will be expected to report on a daily basis the number of active Badge on site to Tasiast Construction Team.

MINIMUM REQUIRED EQUIPMENT and MATERIALS:

- All necessary equipment such as graders, excavators, loaders, dozers, tipper trucks and/or articulated trucks, water trucks, fuel trucks, gensets, tower lights, etc.
- Appropriately hand tools to perform works.
- All necessary materials even auxiliary materials needed to perform the works

EXCLUSIONS:

To be excluded from the present scope:

a. Fuel for Equipment.
b. Accommodations.
c. Water for earthworks

SCHEDULE A – SUPPLEMENT A2

DRAWINGS AND TECHNICAL SPECIFICATIONS

The following listed documents being (Drawings; D1 to D6) form part of this Agreement and detail the specific and technical information and requirements associated with the Services to be provided and Work to be completed under the Agreement.

1. Drawings

All Services and Work to be completed under this Agreement shall be performed in strict accordance with the following Drawings.

Table A2-1: Refer to drawings as below.

No	Title
D1	Architectural plans
D2	Structural packages
D3	Technical packages
D4	TNR Doors Specs
D5	Planning Schedule
D6	Detailed fitting & Assembly

2. Specifications

The work shall be performed to the highest Standard and workmanship. The following articles shall be taking into account by the Tender.

A.1. All equipment, tools, and machines used in the performance of the Work covered by these specifications shall be subject to the approval of the company and shall comply with all applicable safety requirements. All equipment used on the project shall be adequately maintained and shall be the proper equipment for the Work being accomplished so as to produce the result required by the Contract Documents.

A.2. Prior to mobilization of equipment, the contractor will be expected to provide complete specification of the equipment and age of equipment and materials and goods as well. TML may require access to equipment prior to mobilization in order to inspect equipment situation.

All materials supplied and all work performed shall comply with the applicable requirements of the Government of Mauritania and the statutory authorities having jurisdiction over the plant site and shall conform to the latest revisions of the following Regulations and Acts as listed in the following design criteria:

- Local Statutory Regulation
- American Standards: ASTM, ASME V (Non-destructive examination), ASME IX (Welding Qualifications), AMBA (American Boiler Manufacturer's Association), AWS (American Welding Society),
- International Standards Organization (ISO)
- IEC standards