

Schedule A: Scope of Works

Light Vehicle Workshop Refurbishment

1- PURPOSE AND DESCRIPTION OF WORKS

Tasiast mine is remodeling the Old Light Vehicle Workshop. Tasiast Mobile Maintenance Department has contracted an Engineering company that has designed the technical Drawings and bill of material for the Workshop Refurbishment. This Engineering company is in charge also for Project Management of these construction works. TMLSA requires services to refurbish the Light Vehicle workshop as per attached technical drawings, scope of work and bill of materials. All construction/remodeling Services to be provided fully finished and ready for use (such as 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- CONDITIONS OF THE SITE

A specific visit will be performed on Sept 21st to the current Light Vehicle Workshop to let the bidders gather the required information about works to be carried out. Apart of that visit, the Contractor has made all investigations and inspections that it deems necessary to perform the Services in accordance with this Agreement, and understands the administrative, technical, logistical, environmental, geographic, climatic, safety, health, security, regulatory and other difficulties applicable to the performance of the Services. It has the experience, resources, qualifications and capabilities at its disposal to perform the Services in accordance with this Agreement. More specifically, and **after the site visit**, Contractor has inspected the Site and its surroundings and, as a result of careful examination, has satisfied itself as to any and all restrictions resulting from carrying out the Services on an operating mine site, the nature, extent and location of the Services, the character, quality and quantity of the surface or sub-surface materials and structures to be encountered, the type of equipment and facilities needed prior to and during the prosecution of the Services, the availability of labor, water, power, communications, roads and means of transportation, disposal, handling and storage of materials,

the general local conditions, including weather conditions, and all other matters or things which may affect the execution of the Services.

4- 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 “ New L V Tire Workshop ”. 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	Qty
A	LOT A : CIVIL ENGINEERING WORKS		
I	PRELIMINARY & GENERAL	U	Qty
I.1	Site preparation		
I.1.1	Mobilisation and Demobilisation of contractor	LS	1
I.1.2	Earthworks	LS	1
I.1.3	Supply and installation of wire fencing, 2500 mm high	m ²	1,195.00
I.2	Demolition works		
I.2.1	Demolition of height cement board wall & accessoire (AS 5 cc 200-6-40-100)	m ²	59.78
I.2.2	Demolition and Removal of modular walls	m ²	79.80
I.2.3	Demolition and Removal modular slab	m ²	166.35
I.2.4	Grinding and stripping of concrete slab	m ²	720.25
	Sub-Total -I		
II	FOUNDATION & ELEVATION	U	Qty
II.1	Site survey and levelling	LS	1
II.2	Foundations excavation with drilling of 20 cm of the pavement	m ³	42.650
II.3	5cm 250 Dose lean Concrete	m ³	2.640
II.4	350 Dose lean Concrete		
	* Foundations	m ³	13.130
	* Post primers	m ³	0.750
II.5	Reinforced concrete for paving, 10 cm thickness	m ²	720.24
II.6	Supply and installation HEB 220, including all subjects	kg	1,728.00
II.7	Supply and installation HEB 200, including all subjects	kg	252.00
II.8	Supply and installation HEB 120, including all subjects	kg	4,332.00
II.9	Supply and installation IPE 200, including all subjects	kg	1,848.00
II.10	Supply and installation IPE 180, including all subjects	kg	2,931.25
II.11	Supply and installation Interior Modular wall	m ²	83.28

II.12	Supply and installation Modular envelope wall	m ²	643.22
II.13	Supply and installation floor mezzanine OBS 3 thick 220mm, including all subjects	m ²	65.88
II.14	Waste oil collection pits civil engineering works	u	1.000
	Sub-Total -II		
B	LOT B : TECHNICAL PACKAGES WORKS	U	Qty
III	ELECTRICAL WORKS		
III.1	Partial disconnection of existing power grids	LS	1
III.2	Supply and installation lighth switch S.A	u	4
III.3	Supply and installation lighth switch	u	6
III.4	Supply and installation prise courant 2 PP +T	u	22
III.5	Supply and installation recessed light 60x60	u	24
	Sub-Total - III		
IV	PLUMBING WORKS	U	Qty
IV.1	Pex alu orange Dn32 mm	ml	25
IV.2	Colle Parabond PVC 1 KG Brut (946 ML)	u	2
IV.3	TE 90° PEX à Visser DN32/20	u	11
IV.4	Coude 90° Femelle PEX à Visser DN32	u	6
IV.5	Stopcock DF DN1/2	u	2
IV.6	Plug GALVA Male DN32	u	3
IV.7	GEBAJOINT 500 GRS	u	2
IV.9	Waste water evacuation, including all subjects	LS	1
IV.10	Complete removal and installation WC	u	1
IV.11	Complete removal and installation shower tray	u	2
IV.12	Complete removal and installation sinks	u	7
IV.13	Supply and installation of complete new sinks	u	2
IV.14	Supply and installation siphon de 15x15	u	1
	Sub-Total - IV		
V	CARPENTRY		
V.1	Mixed wood and metal	U	Qty
V.1.1	Removal door: D4P, D1P, D1	u	3
V.1.2	Supply of overhead door (5000x3400): Ferroflex without transport costs and customs	u	3
V.1.3	Supply overhead door (8000x6000): Ferroflex without transport costs and customs	u	2
V.1.4	Installation of overhead doors by contractor	u	5
V.1.5	Installation D1P	u	2
V.1.6	Installation D4P	u	2
V.1.7	Supply and installation man-sized door (1200x2100)	u	2
V.1.8	Supply and installation warehouse (3000x2100)	u	1
V.1.9	Supply and installation man-sized door (1200x2100)	u	1
V.1.10	Supply and installation de placard de rangement en bois rouge de 40 cm	ml	3
V.2	ALUMINIUM		
V.2.1	Supply and installation sliding window frames with mosquito net (1200x1000)	u	8

V.2.2	Supply and installation chassis door (800x2100)	u	4
V.2.3	Supply and installation fixed chassis	m ²	11
V.3	METALLIC		
V.3.1	Supply and installation metallic staircase	u	1
V.3.2	Lub skid structure	LS	1
V.3.3	Opening trap waste oil	u	1
V.3.4	Supply 2-post lifts including transport costs and customs: BendPak (Mounting cost no including)	u	2
Sub-Total - V			
VI	PAINTING	U	Qty
VI.1	Painting preparation	LS	1
VI.2	Supply and apply of bicouches vinylique	LS	1
VI.3	Supply and apply of bicouches de glycerophthalique for carpenter and circulation	LS	1
Sub-Total - VI			

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 December 31st 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

CURRENT STATUS:

Current status of workshop to be inspected during the site visit.

SCHEDULE A – SUPPLEMENT A2

DRAWINGS AND TECHNICAL SPECIFICATIONS

The following listed documents being Exhibit A2 (Drawings) 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	Drawing No.	Rev.	Title
001	Tasi001		Architectural plans
002	Tasi002		Structural packages
003	Tasi003		Technical packages
004	Tasi004		Vehicle traffic plan

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

SCHEDULE A – SUPPLEMENT A3

WORK SCHEDULE

1. Work Schedule Milestone Dates

The following listed documents being **Table A3-1** (Time Schedule) form part of this Agreement and detail information and requirements associated with the Services to be provided and Work to be completed in time under the Agreement, according to the scope of works provided in this RFP.

The **Table A3-1** (Time Schedule) details the key milestones dates as represented in Contractor’s work Schedule required to be met by Contractor in order to ensure the work reaches a stage of completion which satisfies the requirements for the issuance of a Certificate of Takeover by **December 31st, 2017**

Tables A3-1 and A3-2 to be filled by the bidders and submitted with the proposal to allow the company calculate internal costs for accommodation.

Table A3-1

Description	Deadline
Mobilization	
Preliminary and General	
Foundations & Elevations	
Technical Packages works	