

EACOP PROJECT PRESENTATION LOCAL REGION ENGAGEMENT



WHAT IS THE AIM OF THE WORKSHOP?

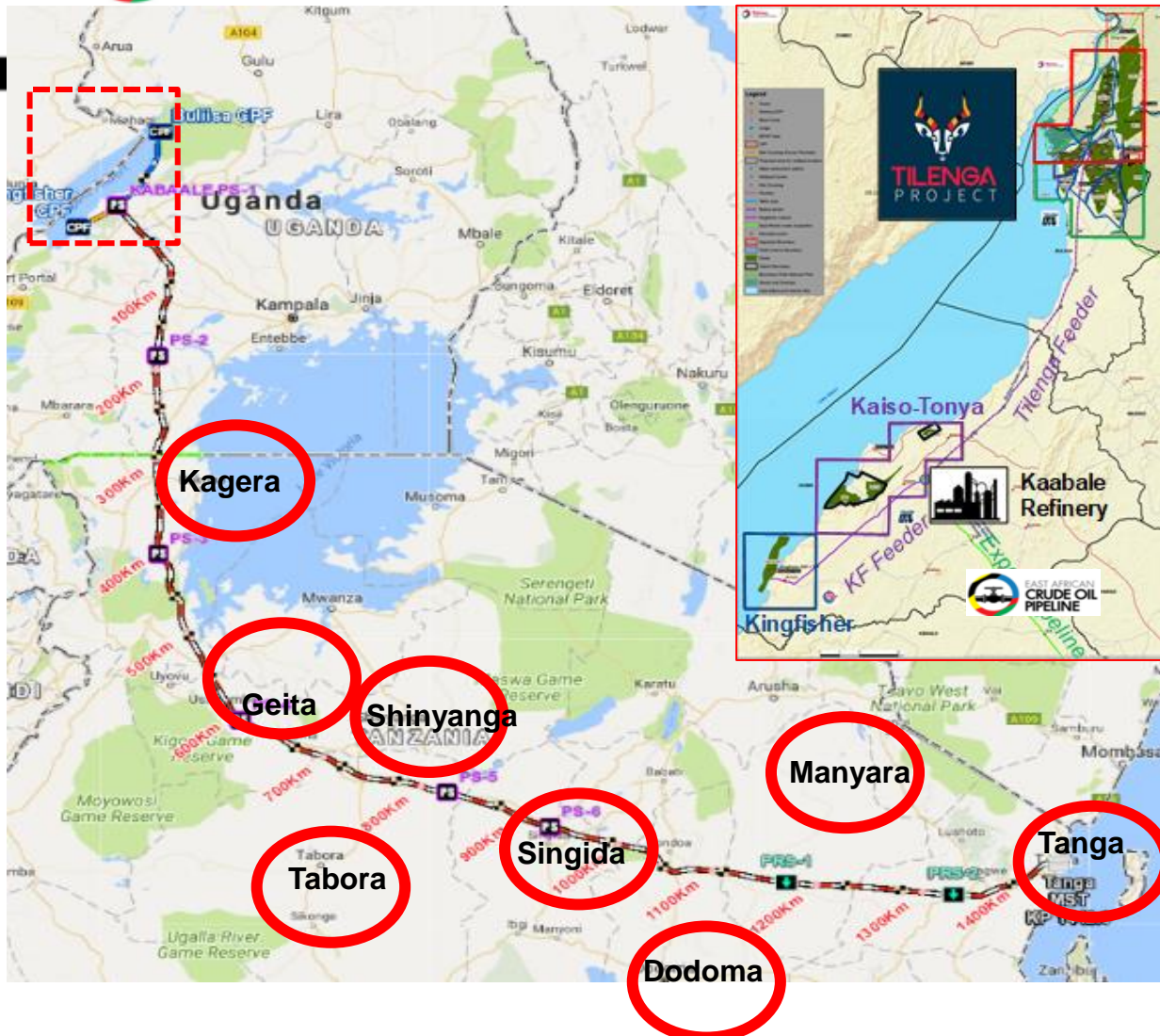
Aim of the WORKSHOP is to;

- Present the overall EACOP project & schedule;
- Introduce main contractors;
- Understand opportunities available in terms;
 - Good & Service in the specific regions
 - Employment in the specific regions
- how/when to participate in EACOP project.

Inclusion
Quality
Transparency
Compliance
Safety

Openness
Ethic
Answer expectations
Awareness

EACOP – PART OF LAKE ALBERT DEVELOPMENT



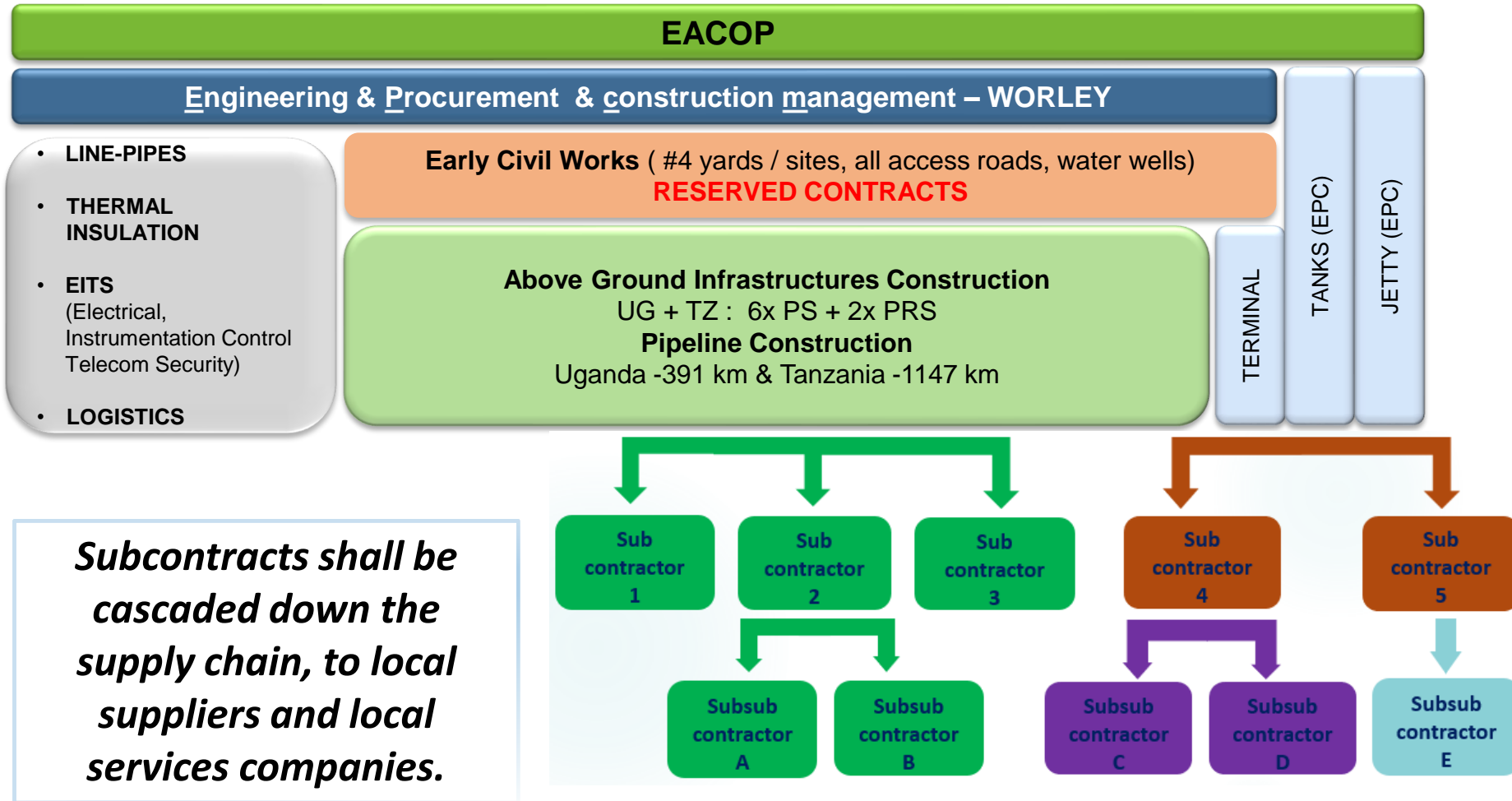
The **EACOP** partnership :

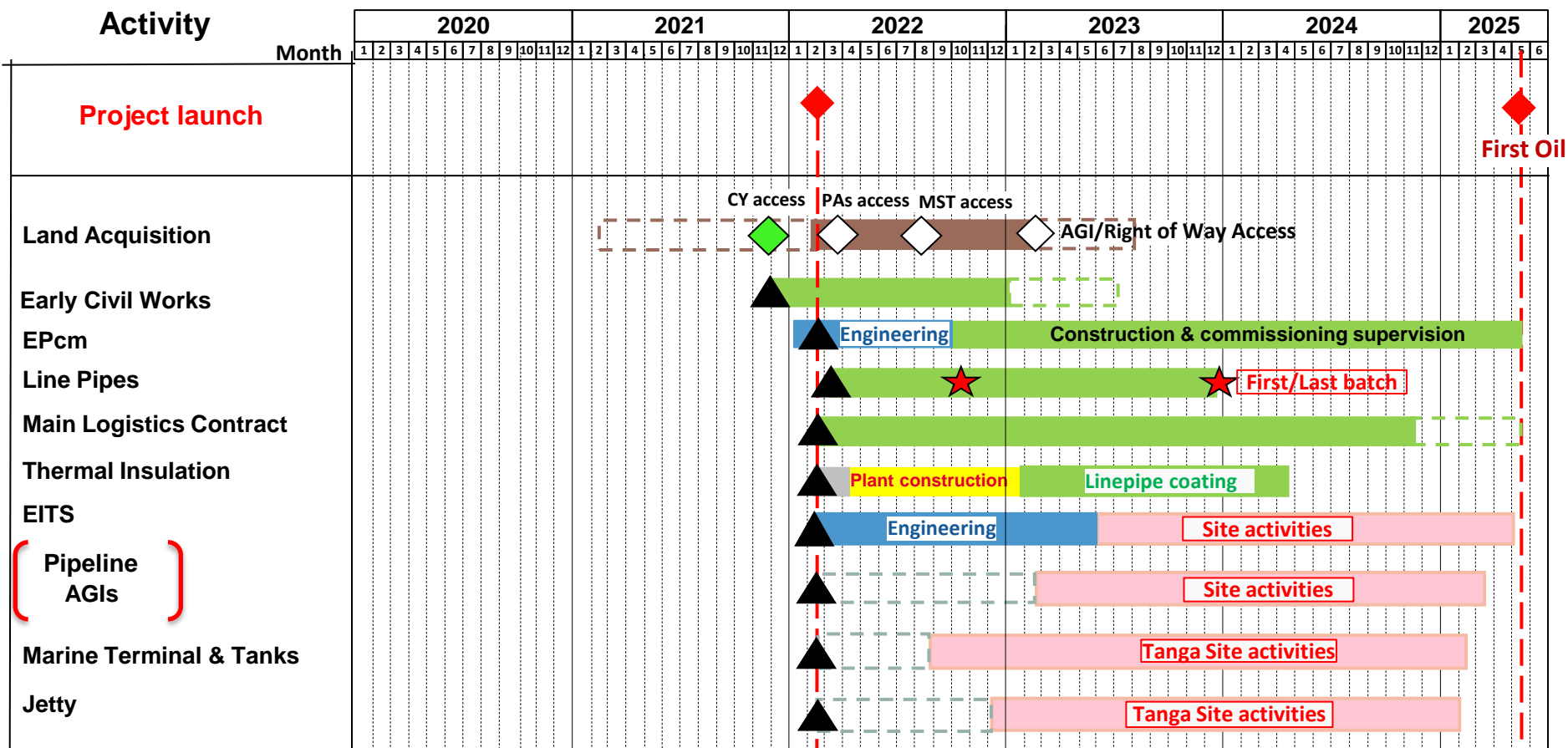
- **TotalEnergies – 62%**
- **TPDC - 15%**
- **UNOC - 15%**
- **CNOOC - 8%**

From Kabaale to Mtukula: 296 Km (EACOP Project in Uganda)

From Mtukula to Tanga: 1147 Km (EACOP Project in Tanzania)

EACOP - CONTRACTUAL STRATEGY





Missenyi District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Bukoba Rural District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollore/EALS

Muleba District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Biharamulo District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Chato District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Geita District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollore/EALS

Mbogwe District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Bukombe District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Kahama Township District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollere/EALS

Nzega District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:
- Coating Yard:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollere/EALS
ISOAF (ITALY)

Igunga District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollere/EALS

SINGIDA - REGION

Singida DC District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bolloré/EALS

Iramba District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bolloré/EALS

Mkalama District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bolloré/EALS

Kondoa District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Kondoa Town Council District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollore/EALS

Chema District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollore/EALS

MANYARA - REGION

Hanag District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollere/EALS

Kiteto District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollere/EALS

Simanjiro District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollere/EALS

Kilindi District:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER – SNEF
Bollore/EALS

Handeni Town Council:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollore/EALS

Handeni Distric Council:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollore/EALS

Korogwe Distric Council:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollore/EALS

Muheza Distric Council:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollere/EALS

Tanga City:

- Construction Management Contractor:
- AGI & PIPELINE Construction Contractor:
- EITS (Electrical, Instrumentation, Telecom, Security) contractor:
- Main Logistics Contractor:
- Jetty Contractor
- Terminal & Tanks

Worley (UK)
CPP (China)
SCHNEIDER - SNEF
Bollere/EALS
BBJV (BAM-BESIX)
DOCG (China)

LABOUR MANAGEMENT PROCESS

COMMITMENT TO 100% LOCAL UNSKILLED LABOUR



- Contractor sources all unskilled labour requirements from villages/ hamlets as close as possible to the Work location
- Demonstrate every effort to fulfil unskilled Labour requirements as local as possible before recruitment from villages in the wider District.
- Source all unskilled labour from within the District
- Contractor agrees during stakeholder engagement how best to verify candidates are from the local communities

LABOUR MANAGEMENT PROCESS

NO HIRING AT THE GATE



All job advertisements state that recruitment will never be done at the work site gate, and explicitly discourages this behavior.



All job advertisements state that applicants must follow Contractor job registration and recruitment processes described in the employment advertisements.



Noticeboards will be placed at the site fence stating that “no hiring will be done at the gate by any contractor or sub-contractor working at the site” to deter people from travelling to, or establishing themselves at or near the work site, seeking to position themselves for employment opportunities.

LABOUR MANAGEMENT PROCESS

JOB ADVERTISEMENTS

All Job advertisements to state:

- All applicants must be Tanzanian Citizens.
- Applicants from outside the District will not be considered.
- Applications are never accepted at the camp gate, follow the recruitment process.
- All jobs will be advertised in the village and ward notice board.
- Jobs are short-term only
- Women are highly encouraged to apply for jobs
- Contractor is responsible for ensuring a fair and transparent recruitment process

LABOUR MANAGEMENT PROCESS

COMMUNITY ENGAGEMENT

- Before **starting recruitment** Contractor meets District Authorities to share the recruitment process.
- **Job advertisement** and **recruitment** process will be accessible to all community members
- Community consultation involves discussion and agreement on where and when Contractor can safely and appropriately register and interview women.
- Job advertisements have a clear message that women are encouraged to apply.
- **Toll free phone** numbers listed on the job advertisement for applicants to call/ message to register interest in the position(s).





EAST AFRICAN
CRUDE OIL
PIPELINE

WHAT IS IT?



HOW DOES IT WORK?

CONTEXT

EACOP

Pull Factors



- Communication : media & politicians
- ASM presence
- Presence of services in towns water/ lodging
- Experience with migrants (welcome)
- Regulation around fishing

Push Factors



- Newcomers: not welcome
- Lack of local services (lodging)

- Access to camp services
- # Jobs
- Business opportunities
- Wage levels
- Distance camp from main road, main town

- Awareness campaigns
- Length of time camp will be around
- Short job duration
- Local jobs for locals only



HOW TO MANAGE PIIM ?

- **Clear information** on Project
- Multi stakeholders' **collaboration**
- **Preparedness** and work with authorities
- Design and delivery of **programs for development**

WHERE ARE WE?



- **National Communication campaign** in progress (*1st semester 22*)
- **District & Hot Spot PIIM working groups** (*quarterly basis*)
- **Regular Community information** via CRCs and village leaders
- **Collaboration with contractors** to ensure **LOCAL** recruitment and procurement



EACOP WEBSITE AND CONTACTS

EACOP IN TANZANIA

429 Mahando Street, Block D

P. O .Box 385568, Dar es Salaam, Tanzania

Tel: +255 22 2214100/4102/4103



<https://eacop.com/jobs-tenders/>



English

Kiswahili

Search...



HOME ABOUT THE PROJECT OUR COMMUNITIES ENVIRONMENT & SAFETY INFORMATION CENTER CONTACT US

Jobs & Tenders

Notices

REQUEST FOR EOI FOR PROVISION OF INSURANCE SERVICES - TANZANIA

[REQUEST-FOR-INSURANCE-FOR-PROVISION-OF-INSURANCE-POLICIES-TANZANIA-.pdf](#) [View](#) | [Download](#)

CONSTRUCTION OF REPLACEMENT HOUSING - TANZANIA

[CONSTRUCTION-OF-REPLACEMENT-HOUSING-TANZANIA-1.pdf](#) [View](#) | [Download](#)

EMPLOYMENT PROGRAMME 2021

[EMPLOYMENT-PROGRAMME-2021.pdf](#) [View](#) | [Download](#)

MENTION ON REQUEST FOR EXPRESSION OF INTEREST

[MENTION-ON-REQUEST-FOR-EXPRESSION-OF-INTEREST-.pdf](#) [View](#) | [Download](#)

Notice Against Fraudulent Open Job Announcements

[Notice-Against-Fraudulent-Open-Job-Announcements.pdf](#) [View](#) | [Download](#)

Notice Against Fraudulent Employment Contracts.

[Notice-Against-Fraudulent-Employment-Contracts.pdf-17-by-26.pdf](#) [View](#) | [Download](#)

Oil Pipeline FEED updated overview, National Content development workshop-

[Monday-8th-January.pdf](#) [View](#) | [Download](#)

Oil Pipeline FEED update overview, National Content development workshop-



EAST AFRICAN
CRUDE OIL
PIPELINE

REQUEST FOR EXPRESSION OF INTEREST FOR THE CONSTRUCTION OF REPLACEMENT HOUSES FOR EACOP PROJECT REF. 0010006840

TOTAL East Africa Midstream B.V. (Company), an Oil and Gas company, invites experienced and reputable contractors to express interest in the construction of replacement houses under the East African Crude Oil Pipeline (EACOP), Project Resettlement Action Plan (RAP) implementation.

The EACOP project involves the construction and operation of a buried, cross-border pipeline to transport crude oil from Lake Albert area in Uganda to the eastern coast of Tanzania for export to international markets. The pipeline will run from Kabaale in Hoima District, Uganda, to Congolese/Kanga Region, in Tanzania. The length of the pipeline is 1,443 km, of which 1,167 km will be in Tanzania. The section of the pipeline in Tanzania will travel through (8) regions, 27 administrative district councils and 231 Villages.

BRIEF DESCRIPTION OF THE SCOPE OF THE SERVICES:

Construction of replacement houses and ancillary structures (kitchens and latrines) for Project Affected People (PAPs) displaced by the pipeline project will be carried out in eight (8) different regions; Kagera, Tabora, Geita, Shinyanga, Tabora, Singida, Manyara and Dodoma.

Key Figures



1,443km

crude oil export pipeline



216Kbd

export flow rate barrels per day at
plateau production



Over 60%

increase in FDI of Uganda & Tanzania
during the construction phase



3.5 Billion

USD investment



Over 500,000

tonnes of equipment

Follow Us



INTRODUCTION



Tanzania



ISO 9001:2015 Certified

- Highway and Transportation Engineering
- Bridges and Structural Engineering
- Geotechnical Engineering & Materials Testing
- Energy and Building Services
- Oil and Gas
- Water Resources, Water Supply and Sanitation
- Environmental and Social Impact Assessment
- Project Management



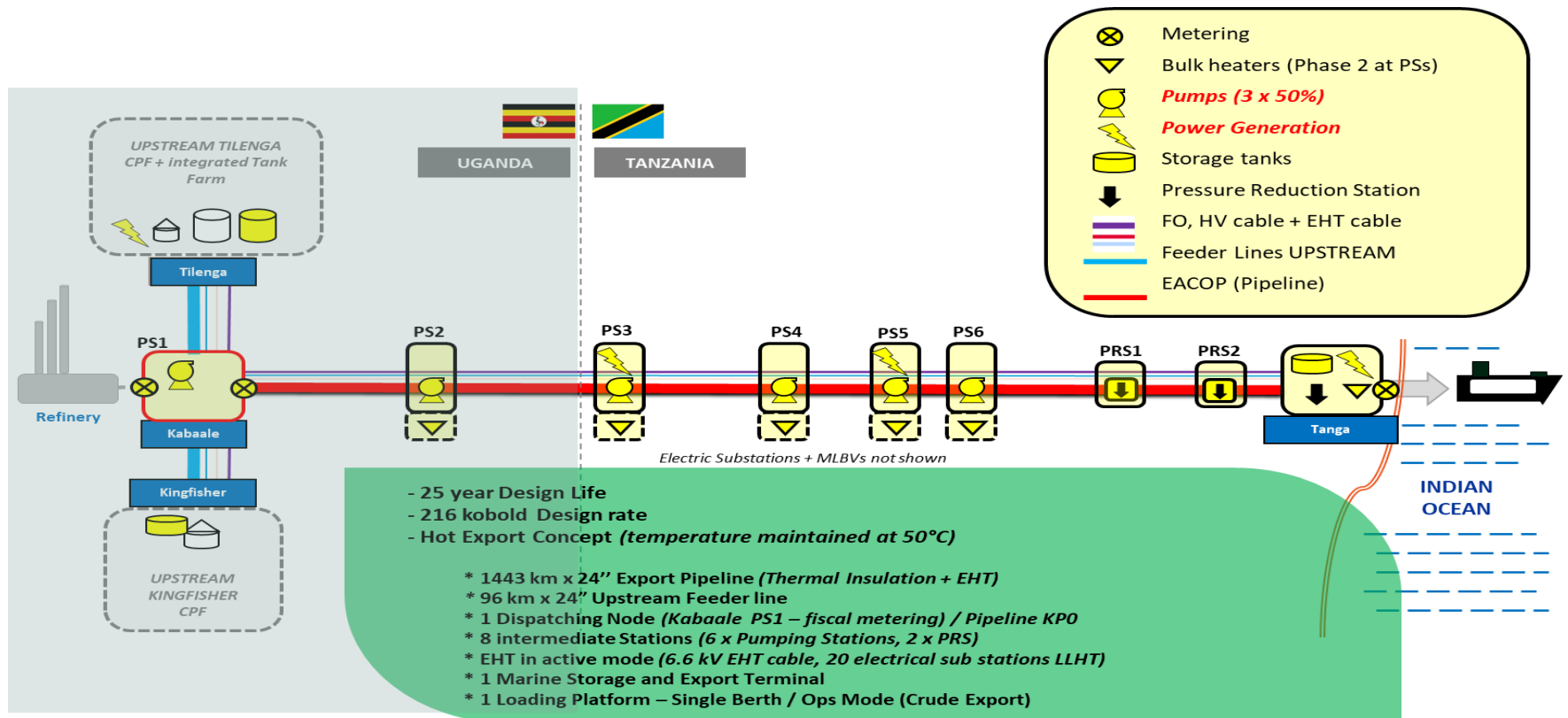
Registered Consulting Engineers, Architects & Quantity Surveyors

- Mechanical & Electrical
- Geotechnical Engineering
- Quantity Surveying
- Architecture & Town Planning
- Structure & Bridges
- Civil & Project Management

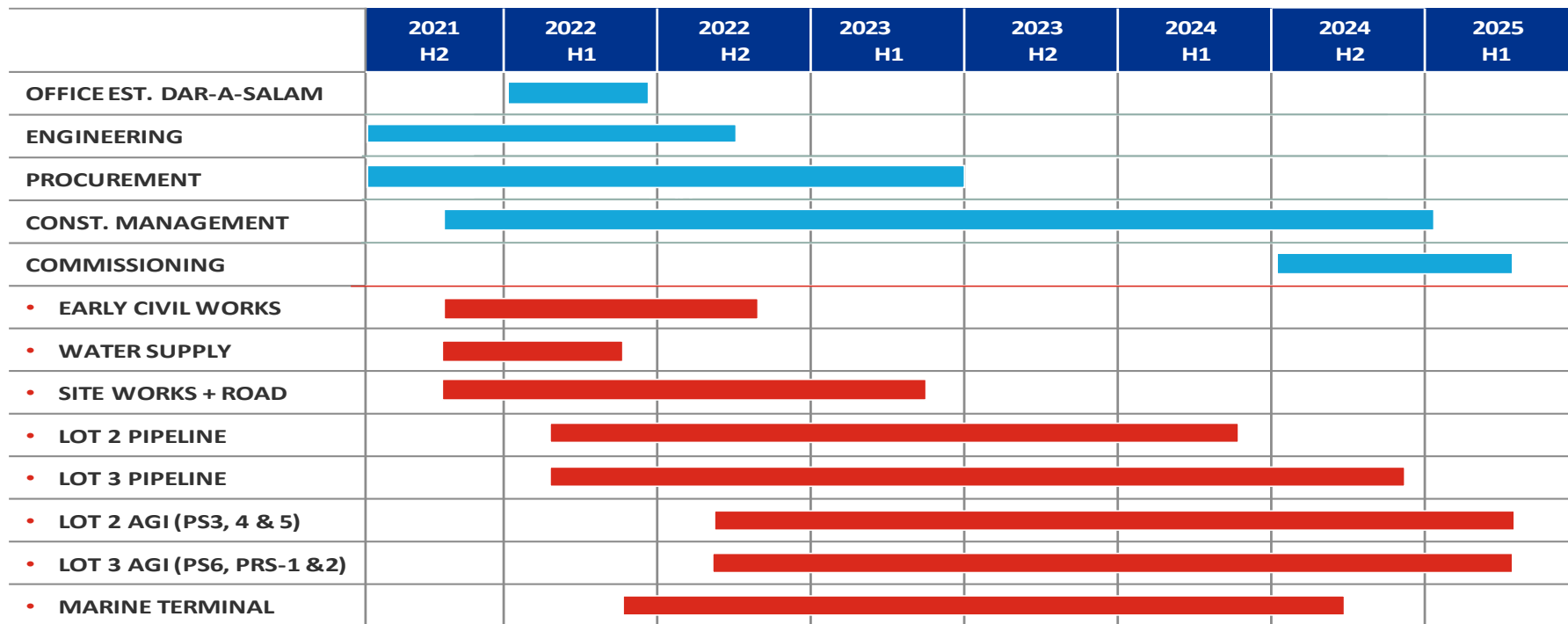
Working as one project delivery team

*Further developing our relationship and collaboration on EACOP with a view to collaborating on future projects.
Building a long-term world class oil and gas project delivery in Tanzania*

SCOPE OF WORK – overview



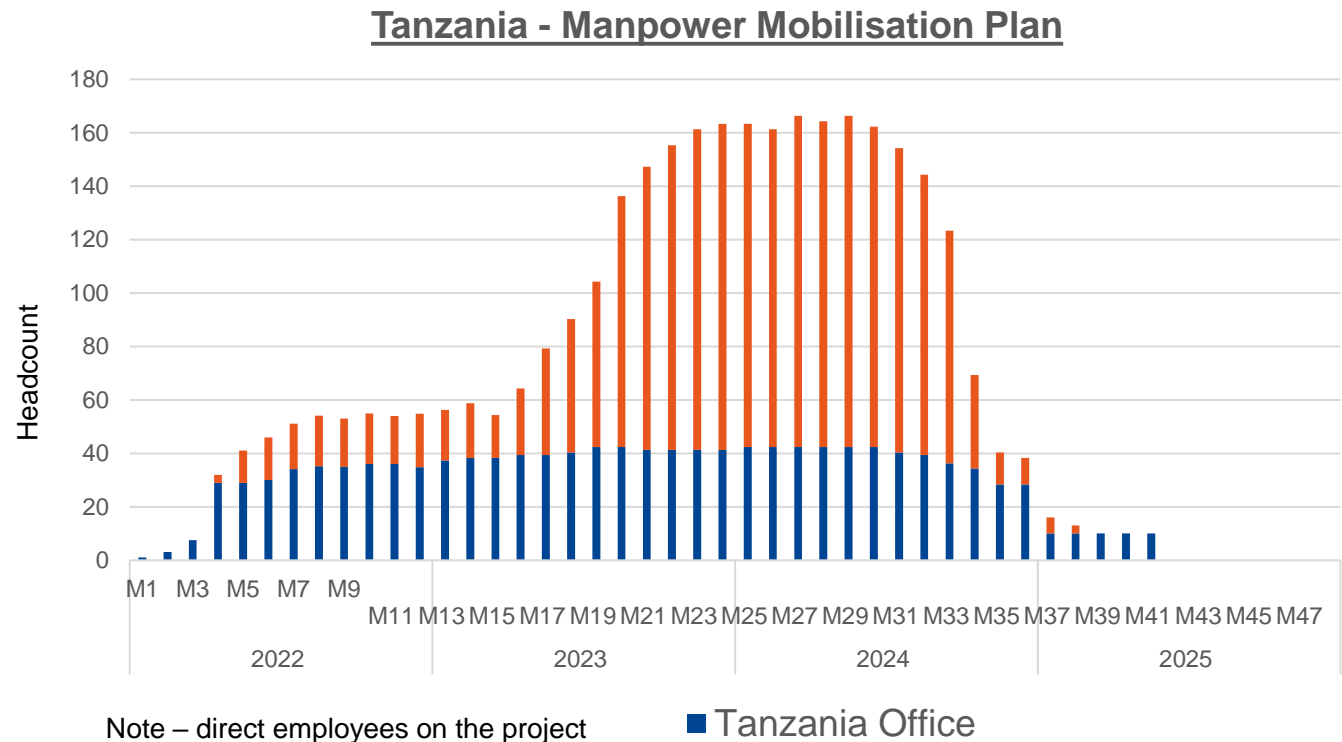
TANZANIA SCHEDULE



Work in Tanzania begins ↑ Effective Date ↑

TANZANIA MOBILIZATION PLAN

- Worley will employ Tanzanian personnel along the entire length of the project.
- The jobs will be advertised in the National newspapers in English and Swahili.
- Skilled individuals from communities along the pipeline are encouraged to apply.
- Worley will not be employing unskilled labour.



OFFICE BASED ROLES

Project Management & Support	Procurement	Health and Safety	Project Controls	Compliance
Administrator Assistant	Procurement Lead	Safety Reporting	Planner	Permitting and Government Liaison
Quality Technical Clerk	Buyer	H&S Coordinator	Cost Controller	Local Content Officer
Project Management - Engineering	Subcontracts Specialist	H&S Reporting	Reporting Lead	Environmental Office
Secretary/Receptionist	Claims Manager	Journey Management Coordinator	Finance and Admin Manager	Social Officer
Training Admin	General Construction Management		Accountant	Community Liaison
Travel, Visa, Immigration, Work Permits Admin	Construction Administrator Assistant		PAF/Timesheet Admin	
Office Manager	Construction Quality Manager		Document controller	
Subcontracts Specialist	Contract Admin		IT deskside support	
Interface Coordinator/Integrator/IMS	Follow-on Engineering			
	Permits & Lands Advisor Tanzania			
	Field Administrator Assistant			

SITE BASED ROLES

Construction Management	Procurement	Health and Safety	Quality	Field Engineering
Field Construction Supervisors	Field Contracts Administrators	Field H&S Officers	Civil Inspector	Field Civil Engineers
Interface Coordinators	Field Document Controllers	Permits & Lands Advisors	Civil Quality Inspectors	Field Electrical & Instruments Engineers
Field Planners	Field Materials Controllers		Civil/Structure Inspectors	Field Geotech Engineers
Project Controls Reporting	Logistics Officers		Coating Inspectors	Field Mechanical Engineers
Quantity Surveyors			Electrical & Instruments Inspectors	Field Piping Engineers
Surveyors			Field Environmental Inspectors	Field SCADA Engineers
CMT Database Administrator			Mechanical Inspectors	
Commissioning Admins			Quality Leads	
Field Administrator Assistants				

CONTRACTS TO SUPPORT WORLEY OPERATIONS

- **Transportation – In Dar es Salaam - Q1 2022 to 2025**

- Buses to transport employees
- Cars to transport employees
- Drivers



- **Hotel accommodation Q1 2022 to 2025**

- Required for travelling employees before they go to site and when they return
- Other flight locations



- **Security Q1 2022 to 2025**

- Requirements to be confirmed

- **Office supplies Q1 2022 to 20205**

- **IT & Equipment Q1 2022 to 2024**

- **PPE Q12022**



LOCAL GOODS/SERVICE AND PROCUREMENT PLAN

EACOP and Worley are working together as an Integrated Team to oversee the work of the Level 1 Contractors.

NOTE: When on site the Integrated Team personnel are the “guests” of the Level 1 Contractors and use their facilities and services up and down the pipeline route.

The procurement of local goods and services to support the Integrated Team personnel and activities is done by the relevant Level 1 contractor and its subcontractors in the geographical location concerned.

CALL FOR TENDER PROCESS - WORLEY

Key Principles for Reserved Contracts

- Everything is documented & recorded.
 - Procurement is Worley process
 - Subject to Worley reviews & standards
1. **Expression of Interest/**
 - Advertised in The Citizen & Daily News
 - Evidence to prove Tanzanian status in compliance with HGA
 - Able to deliver the scope
 - Experience list
 2. **Prequalification**
 - Questionnaire
 - Detailed review
 - Issue a Call for Tender (CFT)
 3. **Tender Process**
 - Sealed bid tenders
 - Shortlist process
 - Detailed evaluation of the shortlisted submissions

Reserved Contracts in Tanzanian Host Government Agreement

- Transportation
- Security
- Food and beverages
- Hotel accommodation and catering
- Office supplies
- Fuel supplies
- Land surveying
- Crane hire other than specialist construction equipment
- Local construction materials
- Civil works
- Communication services
- Waste management

CONTACT DETAILS

Worley Europe Limited – EACOP Project

27 Great West Road

London

TW8 9BW

United Kingdom

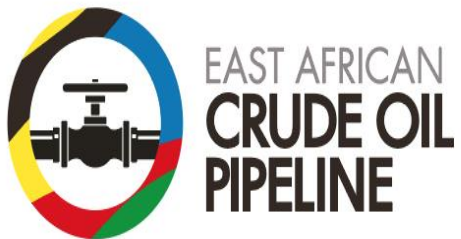
- **Project Director: Daniel Rapiti**
- **Local Content Manager: David Bishop**
- **Procurement Manager: Alison Masterson**

EACOP-supplierinfo@Worley.com

Your email must include:

- **Contact details (name of company, name of contact person, email)**
- **Exact description of the goods/services you can provide – match to EOIs**
- **Company brochures**

Worley Tanzania Contact details will be provided in due course on the EACOP Website



The East African Crude Oil Pipeline (EACOP) Project”



MAIN LOGISTICS CONTRACTOR (MLC)

OUR PROJECT STRUCTURE IN TANZANIA



Super Star Forwarders Company (SSF) & Bolloré Transport & Logistics Tanzania Ltd have created a Tanzanian Company **E.A.L.S Limited (East African Logistics Services Limited)**

E.A.L.S Limited Shareholding

- 40% Super Star Forwarders Company Limited (100% owned by Tanzanian shareholders)
- 60% Bolloré Transport & Logistics Tanzania Limited

SYNERGIES

SUPER STAR FORWARDERS

- Transport Operations & Management
- Heavy Asset Management
- Health, Safety, Social, Security, Environment (H3SE)
 - Transport Reference in Tanzania
- Advanced Driver Training Program
- Local Communities Management
- Investment Capacities
- Footprint & Facilities Developments in Tanzania
- IT System and In-Vehicle Monitoring System (IVMS)

AEO (Accredited
Economic
Operator) in East
African Community
under the World
Custom
Organisation

Experienced
Regional
Transporter

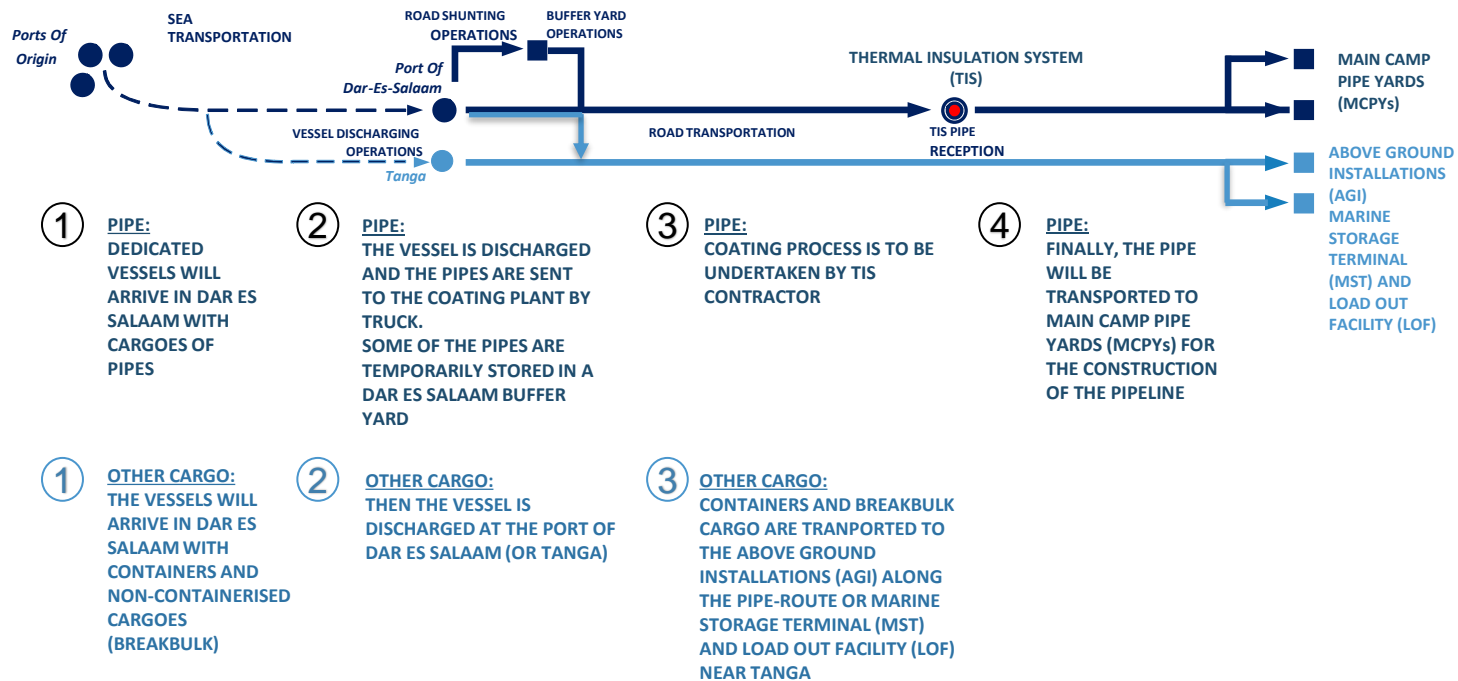
BOLLORE TRANSPORT & LOGISTICS

- Control Tower Functions
- Regional Hub & International Transportation Offshore
- Health, Safety, Social, Security, Environment (H3SE)
- Quality Assurance (QA) / Quality Control (QC)
- Contract Management
- Vessel Agency & Port Interface in Tanzania
- Yard Management
- Information Technology (IT) System and Track & Trace
- Customs & Taxes Compliance Structures

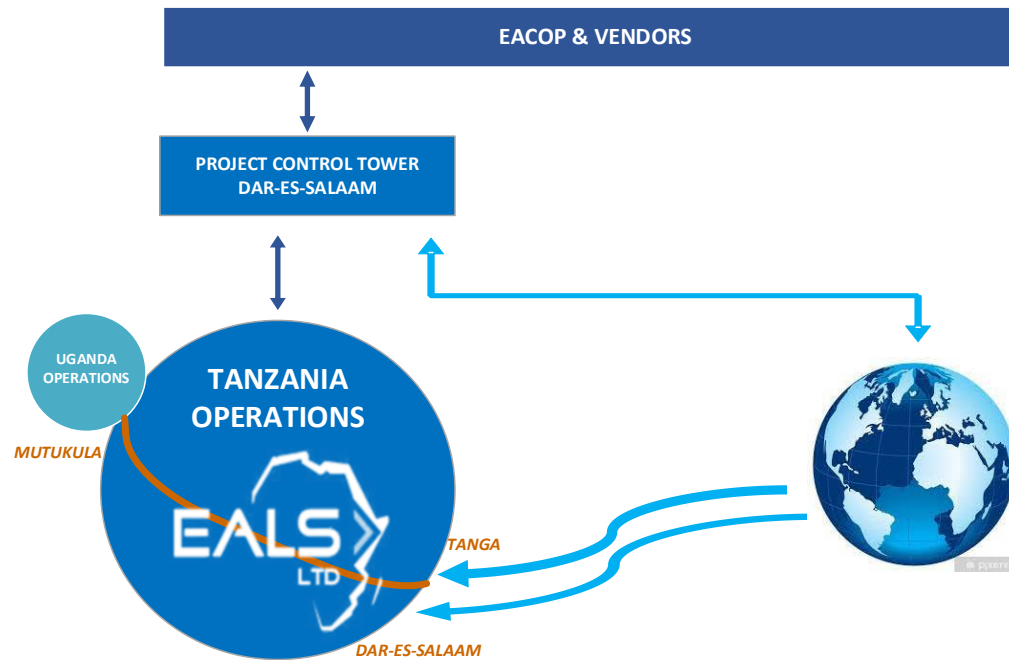
GLOBAL
LOGISTICS
NETWORK IN
AFRICA

IN
TANZANIA
SINCE 1932

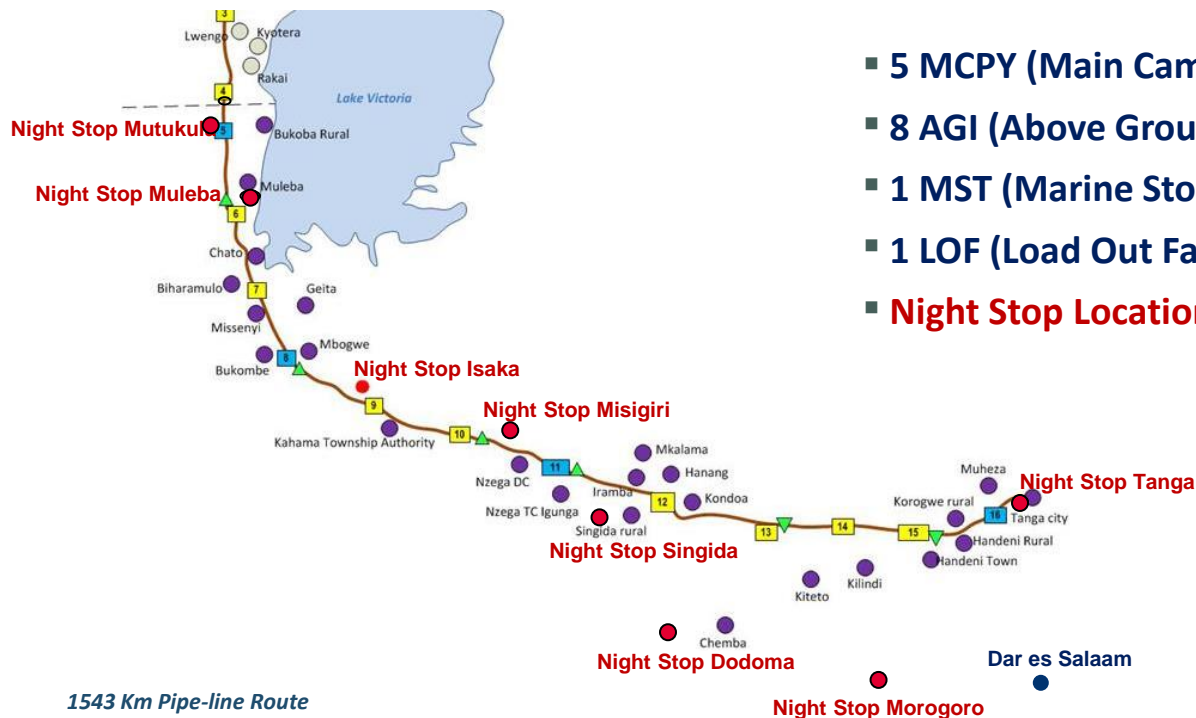
18 METRE LINE-PIPE / OTHER CARGO



SCOPE OF WORK

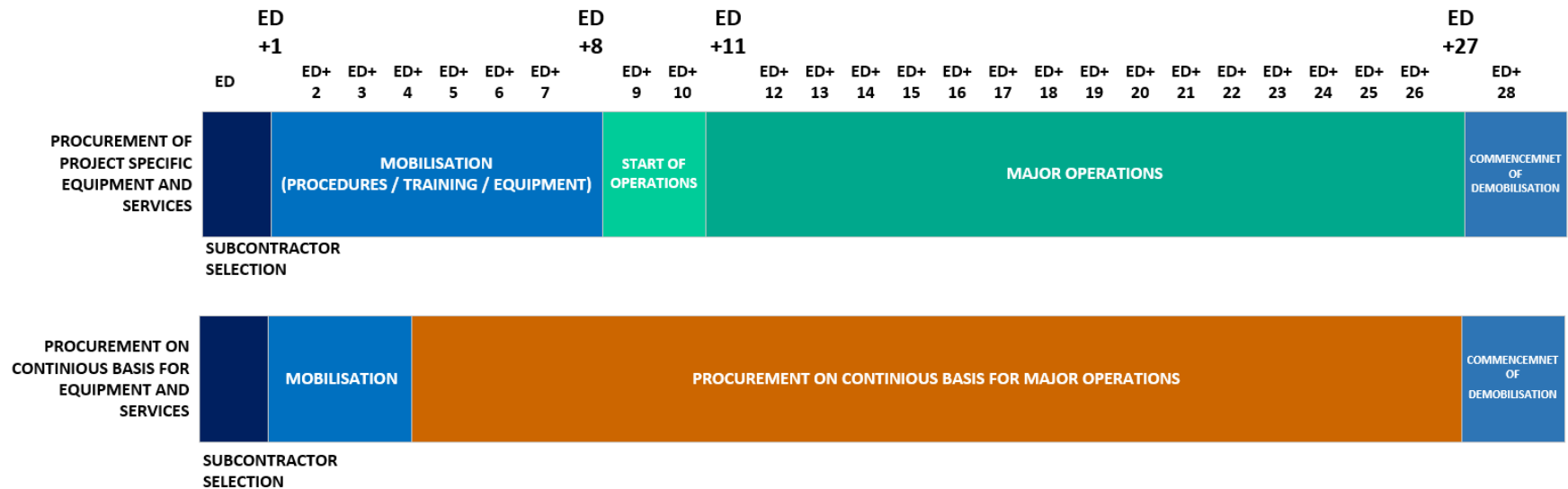


MULTIPLE COMMUNITIES ALONG THE PIPE-ROUTE:



- 5 MCPY (Main Camp Pipe Yard)
- 8 AGI (Above Ground Installations)
- 1 MST (Marine Storage Terminal)
- 1 LOF (Load Out Facility)
- **Night Stop Locations (for Road Safety)**

Effective Date (ED) = Contract Commencement Date

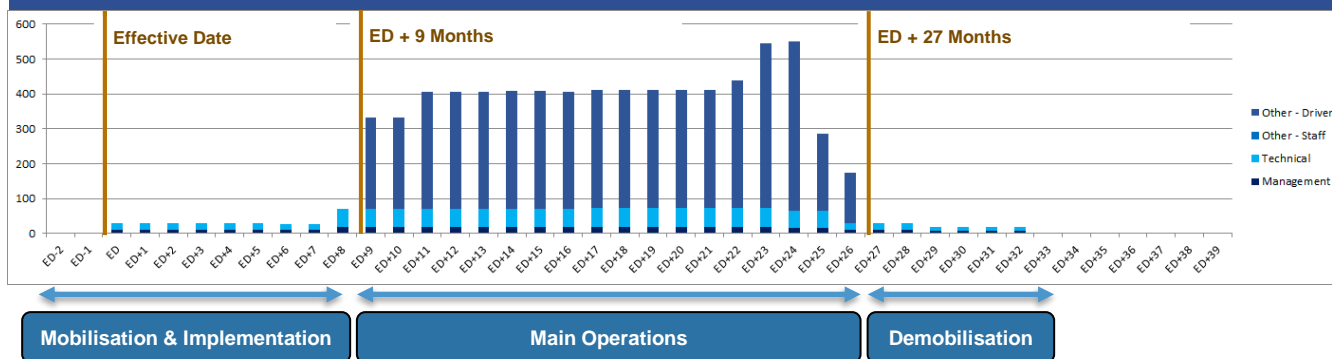


LOCAL EMPLOYMENT (INCLUDING SUBCONTRACTOR EMPLOYMENT REQUIREMENTS)

Local (Tanzania Region) Employment

	Management	Technical	Other/Unskilled	Overall
Contractor / Nb Tanzanian	8	60+	50+	118+
Subcontractor / Nb Tanzanian	0	10+	500+	510+

Employment Histogram *Effective Date (ED) = Contract Commencement Date*



Kagera Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

Dodoma Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

Geita Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

Manyara Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

Shinyanga Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

Singida Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

Tabora Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

Tanga Region	Technical	Operational	Overall
Contractor / Nb Tanzanian	8	6	14
Subcontractor / Nb Tanzanian	1	63	64

- Above categories will be allocated 100% to Tanzanians.
- Operational means drivers, signal men, security guards, site maintenance, etc...
- Principle activity of MLC will be transportation (c.360 trucks / trailers within Tanzania) therefore MLC's intention is that wherever possible employment opportunities will be distributed evenly to appropriately qualified personnel from all of the listed regions.
- Additional opportunities exist in each region for services at vehicle night stops, etc.

TANZANIA LOGISTICS PERSONNEL – ENTIRE PROJECT

Job Title	No.
Drivers	>400
Riggers / Signals	>40
Maintenance Team	>25
HSE Officers	>20
Trainers	>20
OTHER POSITIONS – including:	>50
<ul style="list-style-type: none"> • Clearance & Forwarding Managers • Cleaners • Disbursements Controllers • Documentation Controllers • Exemption Coordinators • Inventory Officers • Lashing Equipment Supervisors • Local Content Manager • Main Camp Pipe Yards Site Supervisors • Mechanical Handling Equipment Operators • Office Intendents • Operations Supervisors • Port Clerks • Port Documentation Managers • Port Documentation Officers • Port Handling & Lifting Supervisors • Port Operations Managers • QHSE Managers • Reporting Officers • Road Documentation Officers • Road Marshalls • Road Operations Coordinators • Road Permit Officers • Road Tracking & Monitoring Officers • Road Transport Supervisors • Runners • Shipping Line Officers • Shunting Coordinator Officers • Site Administration Managers • Site and Operations Managers • Track & Trace Officers • Permits Coordinators • Yard Supervisors 	

Kagera Region

Dodoma Region

Geita Region

Manyara Region

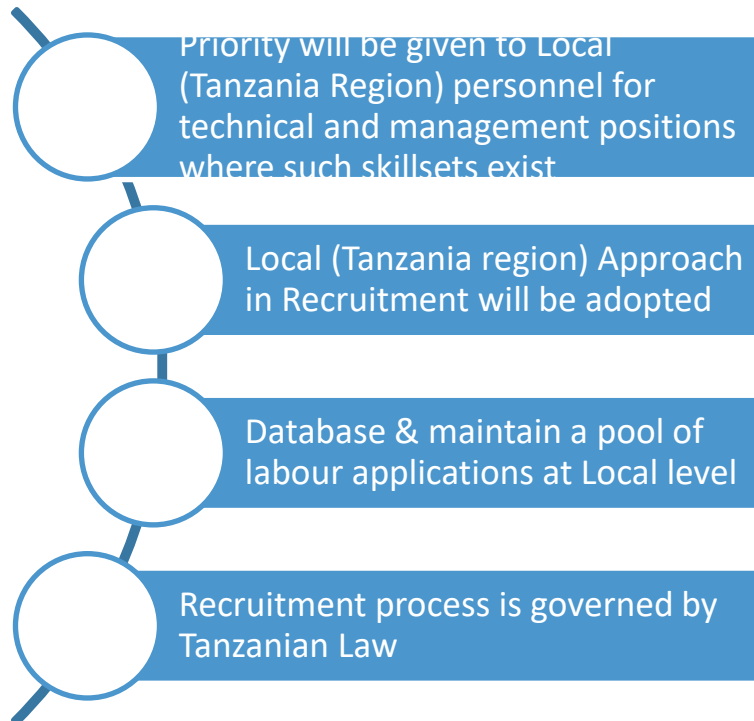
Shinyanga Region

Singida Region

Tabora Region

Tanga Region

Principle activity of MLC will be transportation (c.300 trucks / trailers within Tanzania) therefore MLC's intention is that wherever possible employment opportunities will be distributed evenly to appropriately qualified personnel from all of the listed regions.



Local (Tanzania Region) Personnel

- **Job Advertisements** within local (Tanzania region) communities
- Shortlisting and interviewing, considering fair representation of the local communities

Onboarding, induction and

- **Job advertisements**
- Shortlisting, interviewing and selection
- Onboarding, induction and skills development program

Main Logistics Services Provider

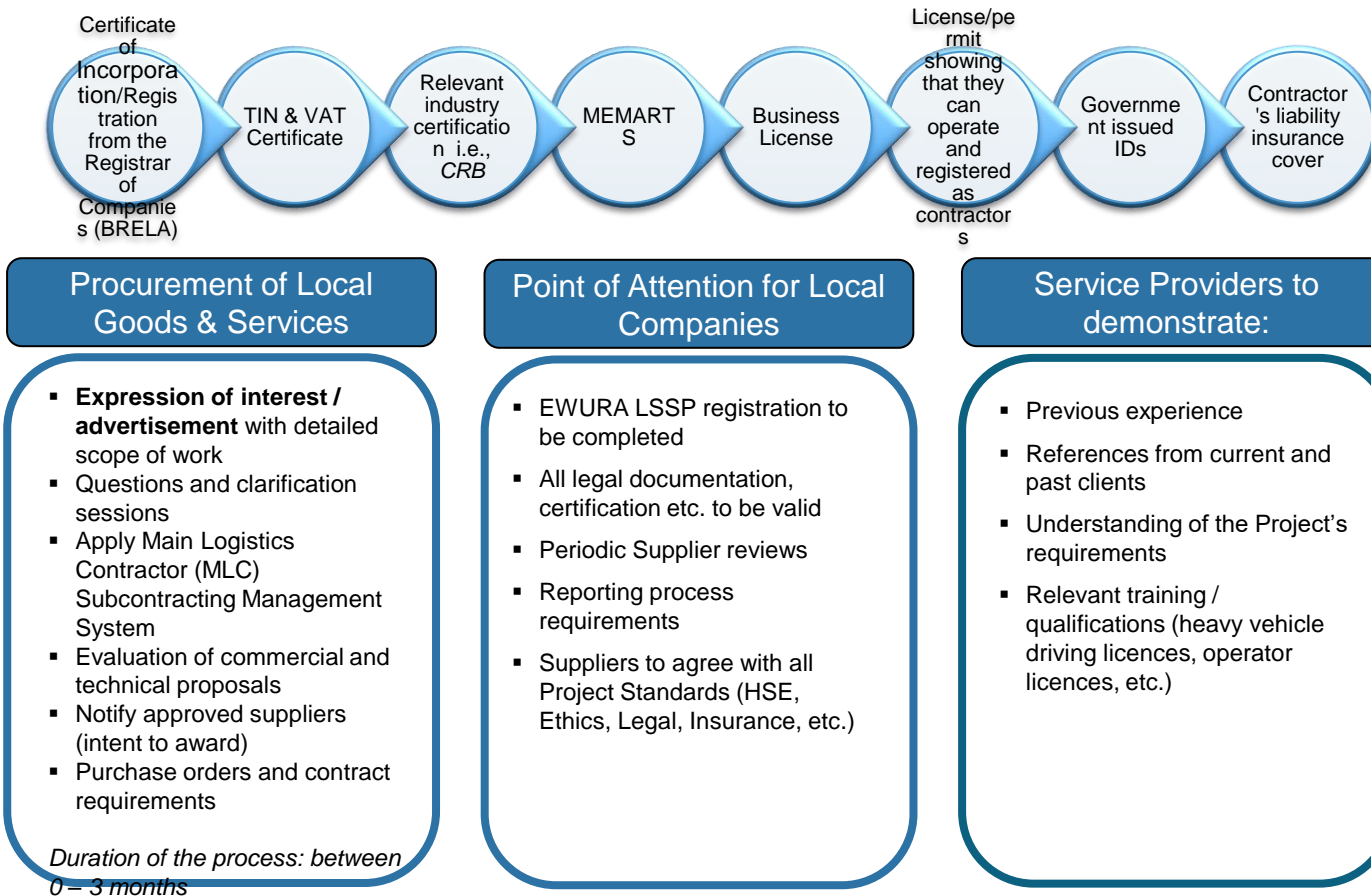
- Transportation
- Security
- Foods & Beverages
- Hotel Accommodation & Catering
- Office Supplies
- Fuel Supply
- Land Surveying
- Crane Hire Other than Specialised Construction Equipment
- Locally Available Construction Materials
- Civil Works
- Communication Services
- Waste Management



- Prime-Movers & Trailers
- Mechanical Handling Equipment
- Mobile Workshop
- Personal Protective Equipment (PPE) & Signage
- HSE (Cleaning, Spill Kits, Firefighting, etc.)
- Accommodation Containers
- Lavatory Containers & Changing Room
- Storage & Maintenance Containers
- Furnishings (Office & Dormitory)
- Handling and Lifting Accessories (Lashing, Shackles, etc.)
- Light Vehicles (4 Wheel Drive, etc)
- Lighting Towers
- Communication (Computers, Radio Hand Sets, etc)
- Catering & Food Vending



PROCUREMENT PROCESS/ BUSINESS TO BUSINESS



E.A.L.S Limited (East African Logistics Services Limited)

East African Logistics Services Limited (E.A.L.S Limited)

Address:

**Nelson Mandela Road, Plot N° 27, Tabata
P.O. Box 1683, Dar-es-Salaam - Tanzania**

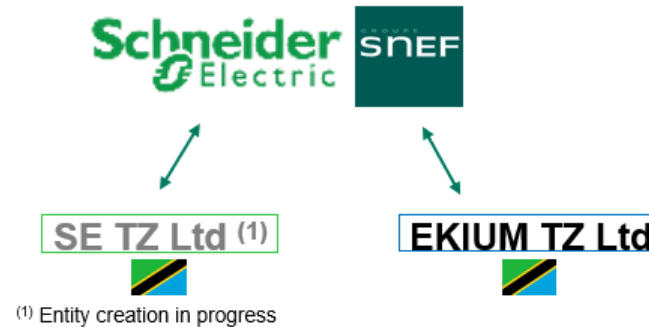
enquiries@eals.co.tz

EITS EQUIPMENT PACKAGE WORKS
OPTIMIZING LOCAL CONTENT FOR THE SUCCESS OF THE EAST AFRICAN CRUDE OIL PIPELINE (EACOP) PROJECT”
REGIONAL IMPLICATION - TANZANIA



CONTRACTOR INTRODUCTION

The consortium between Schneider Electric France and SNEF (and their local entities) will deliver the EITS scope of EACOP



SE TZ Ltd and Ekium TZ (as affiliates of the parent companies) will manage procurement of local goods and services

About Schneider Electric - <https://www.se.com>

A leading supplier of **digital solutions for Sustainability and Efficiency**.

Through digital transformation integrating **world-leading process** and energy technologies, end-point to cloud connecting products, controls, software and services, across the **entire lifecycle**, enabling **integrated management**, for homes, buildings, data centers, infrastructure and industries.

About SNEF Group - <https://www.snef.fr>

A major supplier of **end-to-end services** throughout the life cycle of installations, built around a wide range of technical skills and with **multi-technical solutions** in the fields of energy, mechanics and **digital technology**. Promoters of the digital revolution, of Connected Objects, Big Data, cybersecurity, industry 4.0, Artificial Intelligence and Virtual Reality

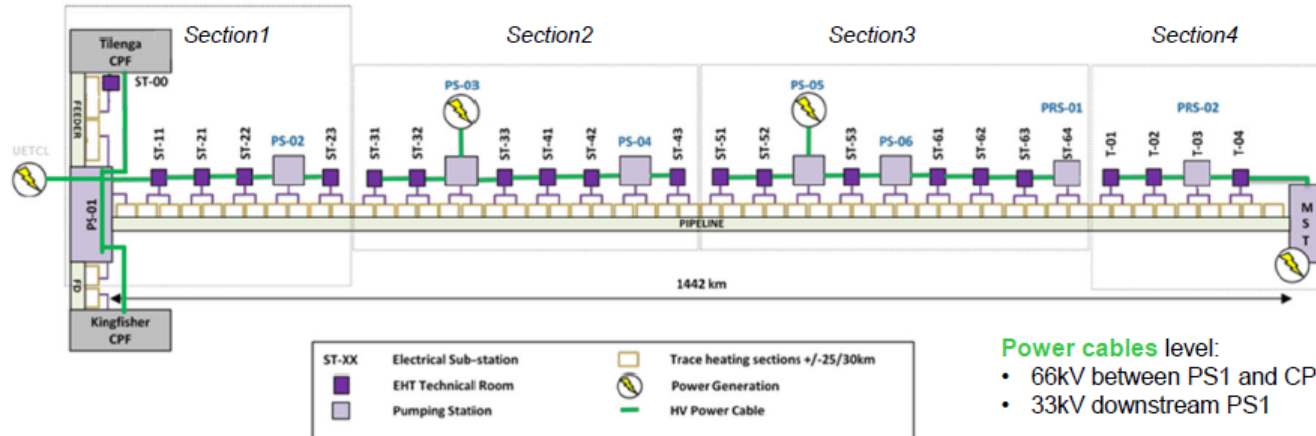
Electrification of EACOP

4 separated sections

- 1 in Uganda connected to the UTILITY via a 132kV transmission line at PS1
- 3 in Tanzania via Crude Oil/Diesel power generation plants at PS3 (PS4??), PS5 and MST

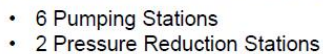
Section are composed of Pumping Station, Reduction Station and also pipeline station:

- Long Line Heat Tracing station (LLHT, also named EHT): Crude oil has high viscosity and needs to be above 50°C for pumping
- Main Line Blok Valve station (MLBV)



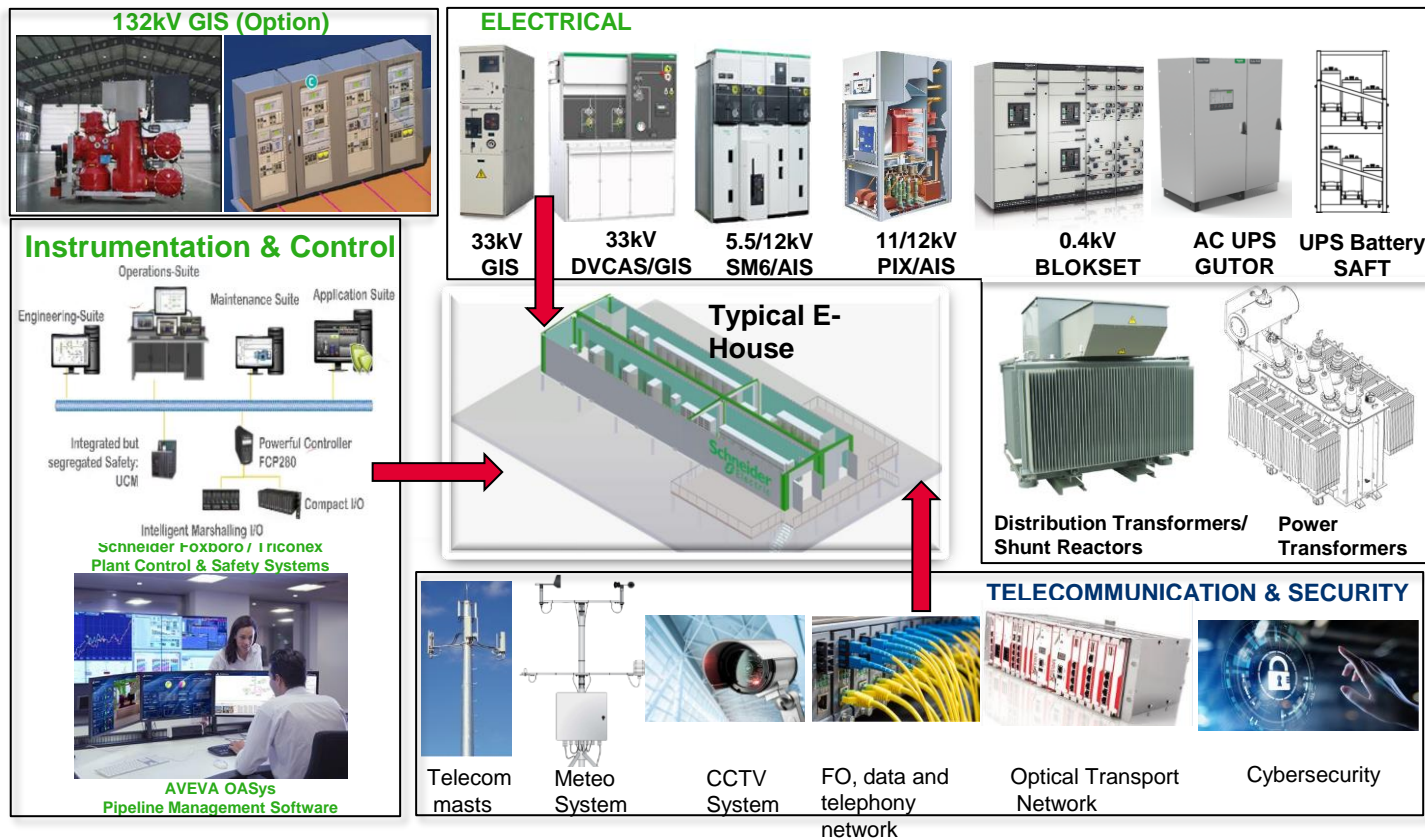
Power cables level:

- 66kV between PS1 and CPFs
- 33kV downstream PS1



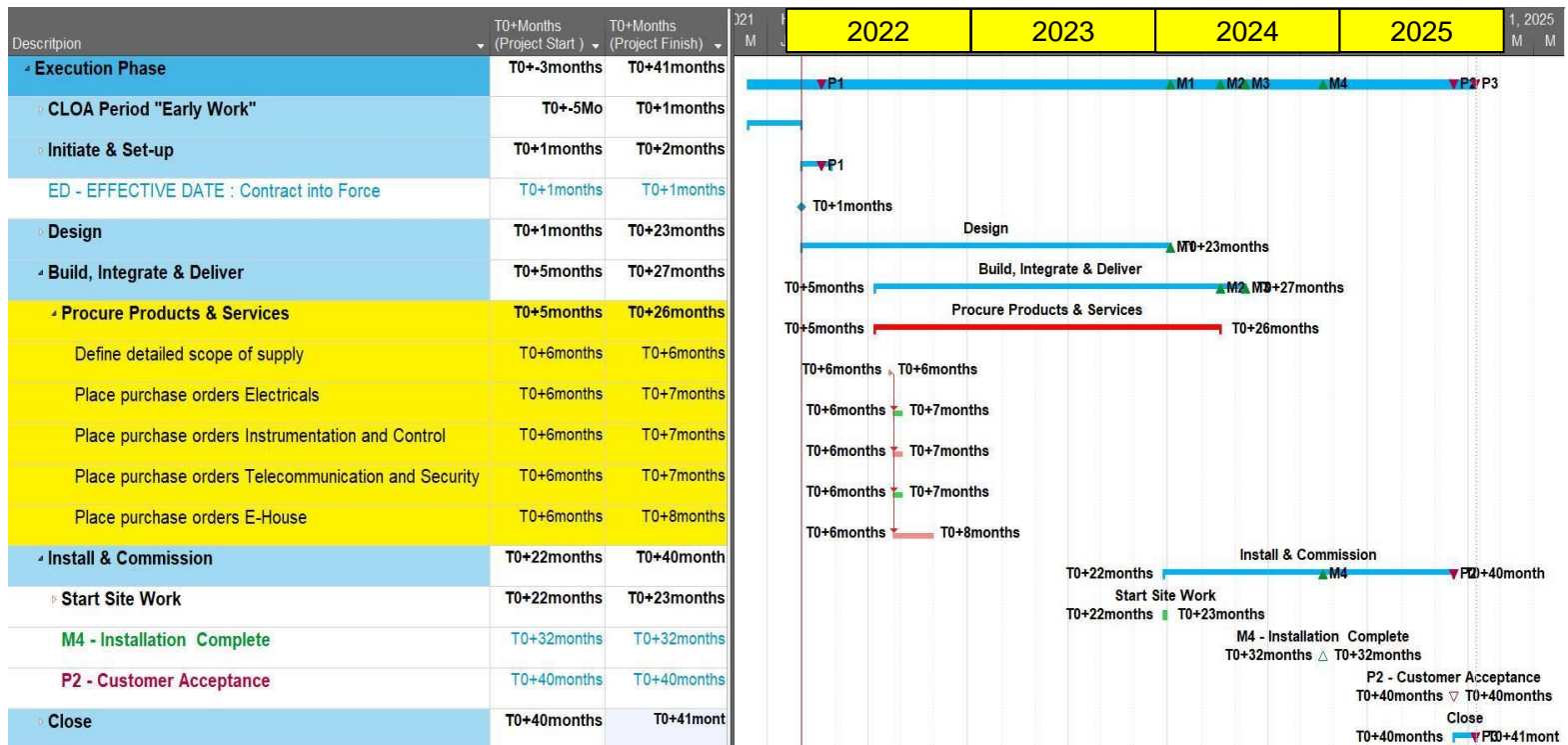
- 95km between TILENGA CPF (Buliisa) and PS1 (Kabaale)
- 1443km between PS1 and MST (Tanga)
- Kingfisher project lead by CNOOC: Oil field localized at the south part of the Albert lake with pipeline interconnected to EACOP at PS1

CONTRACTOR SCOPE OF WORK IN TANZANIA



FORECASTED SCHEDULE AS OF TODAY

Note – Contract Effective date 18th of February 2022, any Local Procurement will not start before June 2022!



EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Bukoba:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Geita:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

SOUGHT SKILLSETS AND COMPETENCIES IN TANZANIANS

Contractor and Sub-Contractors *Regional # Geita:*

Management	Technical	Other/Unskilled
Job title	Job title	Job title
Site manager	Painting/blasting workers	Drivers
QC Manager	Welders	Helpers
HSE Manager	Riggers	Security Guards
Commissioning Manager	Forklift/Crane Operators	Store keeper
Logistic Manager	Steel Benders	
Documentation Manager	Scaffolders	
	Electricians	
	Maintenance Technicians	
	QC Welding Inspector	
	QC Painting Inspector	
	QC Electrical & instrumentation Inspector	
	Planner/Scheduler	
	Documentation Controller	
	Secretaries	
	Commissioning Engineer LV/MV Switchboards	
	Commissioning Engineer Telecomm	

EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Shinyanga:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

SOUGHT SKILLSETS AND COMPETENCIES IN TANZANIANS

Contractor and Sub-Contractors *Regional # Shinyanga:*

Management	Technical	Other/Unskilled
Job title	Job title	Job title
Site manager	Painting/blasting workers	Drivers
QC Manager	Welders	Helpers
HSE Manager	Riggers	Security Guards
Commissioning Manager	Forklift/Crane Operators	Store keeper
Logistic Manager	Steel Benders	
Documentation Manager	Scaffolders	
	Electricians	
	Maintenance Technicians	
	QC Welding Inspector	
	QC Painting Inspector	
	QC Electrical & instrumentation Inspector	
	Planner/Scheduler	
	Documentation Controller	
	Secretaries	
	Commissioning Engineer LV/MV Switchboards	
	Commissioning Engineer Telecomm	

EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Tabora:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

SOUGHT SKILLSETS AND COMPETENCIES IN TANZANIANS

Contractor and Sub-Contractors *Regional # Tabora:*

Management	Technical	Other/Unskilled
Job title	Job title	Job title
Site manager	Painting/blasting workers	Drivers
QC Manager	Welders	Helpers
HSE Manager	Riggers	Security Guards
Commissioning Manager	Forklift/Crane Operators	Store keeper
Logistic Manager	Steel Benders	
Documentation Manager	Scaffolders	
	Electricians	
	Maintenance Technicians	
	QC Welding Inspector	
	QC Painting Inspector	
	QC Electrical & instrumentation Inspector	
	Planner/Scheduler	
	Documentation Controller	
	Secretaries	
	Commissioning Engineer LV/MV Switchboards	
	Commissioning Engineer Telecomm	

EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Singida:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

Contractor and Sub-Contractors *Regional # Singida:*

Management	Technical	Other/Unskilled
Job title	Job title	Job title
Site manager	Painting/blasting workers	Drivers
QC Manager	Welders	Helpers
HSE Manager	Riggers	Security Guards
Commissioning Manager	Forklift/Crane Operators	Store keeper
Logistic Manager	Steel Benders	
Documentation Manager	Scaffolders	
	Electricians	
	Maintenance Technicians	
	QC Welding Inspector	
	QC Painting Inspector	
	QC Electrical & instrumentation Inspector	
	Planner/Scheduler	
	Documentation Controller	
	Secretaries	
	Commissioning Engineer LV/MV Switchboards	
	Commissioning Engineer Telecomm	

EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Dodoma:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

SOUGHT SKILLSETS AND COMPETENCIES IN TANZANIANS

Contractor and Sub-Contractors *Regional # Dodoma:*

Management	Technical	Other/Unskilled
Job title	Job title	Job title
Site manager	Painting/blasting workers	Drivers
QC Manager	Welders	Helpers
HSE Manager	Riggers	Security Guards
Commissioning Manager	Forklift/Crane Operators	Store keeper
Logistic Manager	Steel Benders	
Documentation Manager	Scaffolders	
	Electricians	
	Maintenance Technicians	
	QC Welding Inspector	
	QC Painting Inspector	
	QC Electrical & instrumentation Inspector	
	Planner/Scheduler	
	Documentation Controller	
	Secretaries	
	Commissioning Engineer LV/MV Switchboards	
	Commissioning Engineer Telecomm	

EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Manyara:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

SOUGHT SKILLSETS AND COMPETENCIES IN TANZANIANS

Contractor and Sub-Contractors *Regional # Manyara:*

Management	Technical	Other/Unskilled
Job title	Job title	Job title
Site manager	Painting/blasting workers	Drivers
QC Manager	Welders	Helpers
HSE Manager	Riggers	Security Guards
Commissioning Manager	Forklift/Crane Operators	Store keeper
Logistic Manager	Steel Benders	
Documentation Manager	Scaffolders	
	Electricians	
	Maintenance Technicians	
	QC Welding Inspector	
	QC Painting Inspector	
	QC Electrical & instrumentation Inspector	
	Planner/Scheduler	
	Documentation Controller	
	Secretaries	
	Commissioning Engineer LV/MV Switchboards	
	Commissioning Engineer Telecomm	

EITS EACOP Project Commitments:

	Management	Technical	Other/ Unskilled	Overall
Contractor % Tanzanian	31%	70%	100%	70%
Contractor Nb Tanzanian	3	28	16	47
Subcontractor % Tanzanian	85%	98%	100%	97%
Subcontractor Nb Tanzanian	10	79	41	130

Note: 2000 average annual labor hours considered for calculation

Regional # Tanga:

	Management	Technical	Other/Unskilled	Overall
Contractor %	10.33%	10%	10%	9%
Subcontractor %	8.5%	11%	12.5%	12%

SOUGHT SKILLSETS AND COMPETENCIES IN TANZANIANS

Contractor and Sub-Contractors *Regional # Tanga:*

Management	Technical	Other/Unskilled
Job title	Job title	Job title
Site manager	Painting/blasting workers	Drivers
QC Manager	Welders	Helpers
HSE Manager	Riggers	Security Guards
Commissioning Manager	Forklift/Crane Operators	Store keeper
Logistic Manager	Steel Benders	
Documentation Manager	Scaffolders	
	Electricians	
	Maintenance Technicians	
	QC Welding Inspector	
	QC Painting Inspector	
	QC Electrical & instrumentation Inspector	
	Planner/Scheduller	
	Documentation Controller	
	Secretaries	
	Commissioning Engineer LV/MV Switchboards	
	Commissioning Engineer Telecomm	

RESERVED CONTRACTS

Here below, the list of goods and services but not limited to, which will be procured 100% locally, as part of reserved Contract.

Goods, Works & Services
Local transport - 10-12 pax/year
Local Security - 2-3 pax/year
Hotel accommodation and catering – 10-12 pax/year
Office supplies (paper, printer, internet etc) - 20 kUSD/year
Fuel supply – 30 kUSD/year
Waste Management
Foods & Beverages – 10-12 pax/year

Note – final quantities can be defined once the Site installation Schedule will be agreed by Parties

CALL FOR TENDER PROCESS

Focus on supplier's selection process

1. **Advertising** EoI in 2 local new-papers(min 2 weeks duration) of the opening of the call for tender
2. Schneider Electric will provide in the news-papers an open & public link (eg www.EACOP.com) to any potential suppliers
3. Each suppliers to perform his own self-assessment + evidences on this open link
4. Review by Schneider Electric of each self-assessment to define a supplier's long-list
5. Request For Information (RFI) share by Schneider Electric with supplier's long-list defined
6. Review by Schneider Electric of each RFI to pre-qualified suppliers and define a supplier's short-list
7. Depending on Scope complexity, on-site audit performed by Schneider Electric to qualify suppliers
8. Qualified supplier list will be freeze to launch Request For Quotation

For early pre-qualification please register here:

https://forms.office.com/Pages/ResponsePage.aspx?id=reFRbkvFOUu1mA_muaP727d9DDS3gZKjZWUQydqYKRURFNWNDUxREZOWVNZSIMxU1o3UEYySFczTi4u

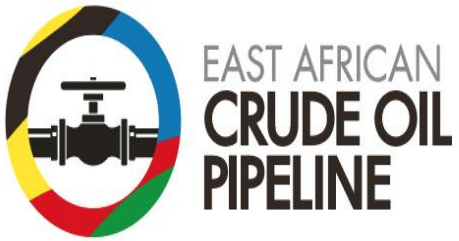
or just scan the QR-Code:



CONTACT DETAILS

Schneider Electric France	SNEF
Address: Alp'Xpole, Av. Jean Kuntzmann, No 140, 38334, Saint-Ismier Cedex, France Contact Name: Patrice Begnis Email: eacop.eits@se.com	Address: Plot 370, Oyster Pearl Galleria, Dar Es Salaam, Tanzania Contact Name: Pravin Untoo Email: contact.tanzanie@ekium.eu

Note – Schneider Electric Tanzania Ltd is under creation, contact details will be shared in due time



The East African Crude Oil Pipeline (EACOP) Project”



Onshore Pipeline

Offshore Pipeline

Oil & Gas
Storage

Oil & Gas Field
Facilities



As Of 2021

100,000 km onshore pipeline projects

200 km offshore pipeline projects

30 million m³ oil and gas storage projects

100 sets oil & gas field surface facilities

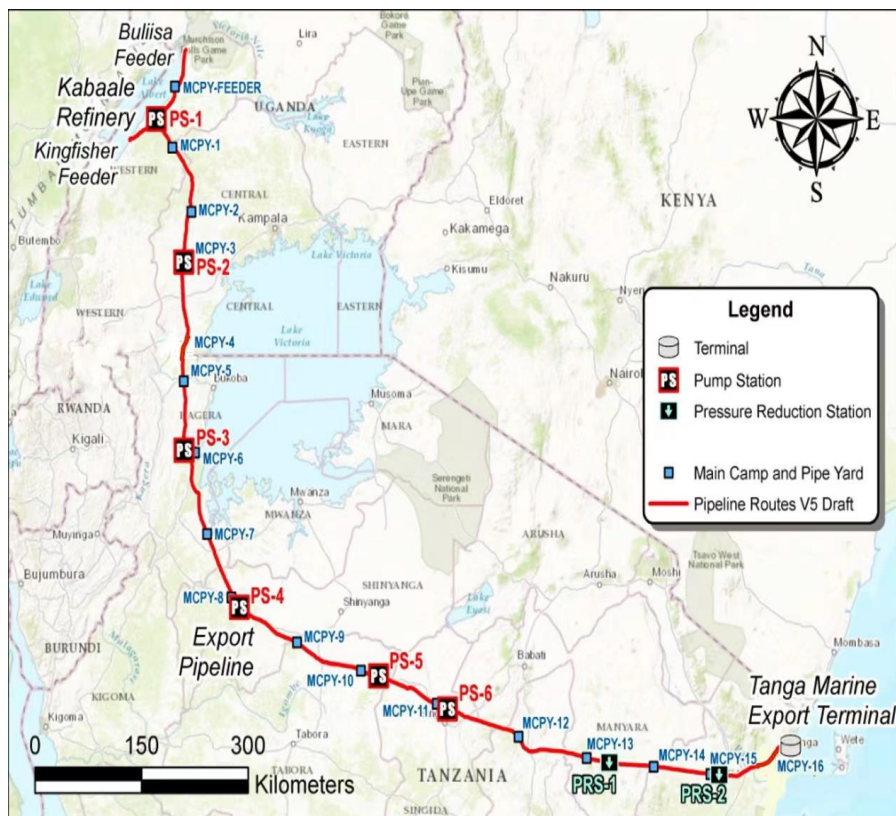
LNG Processing &
Receiving Terminals

Mini Refinery

Operation
Maintenance

Tele Communication
& Power

*Local Partners-Search are going on
NATION-WIDE
Will be involved in Public Tenders*



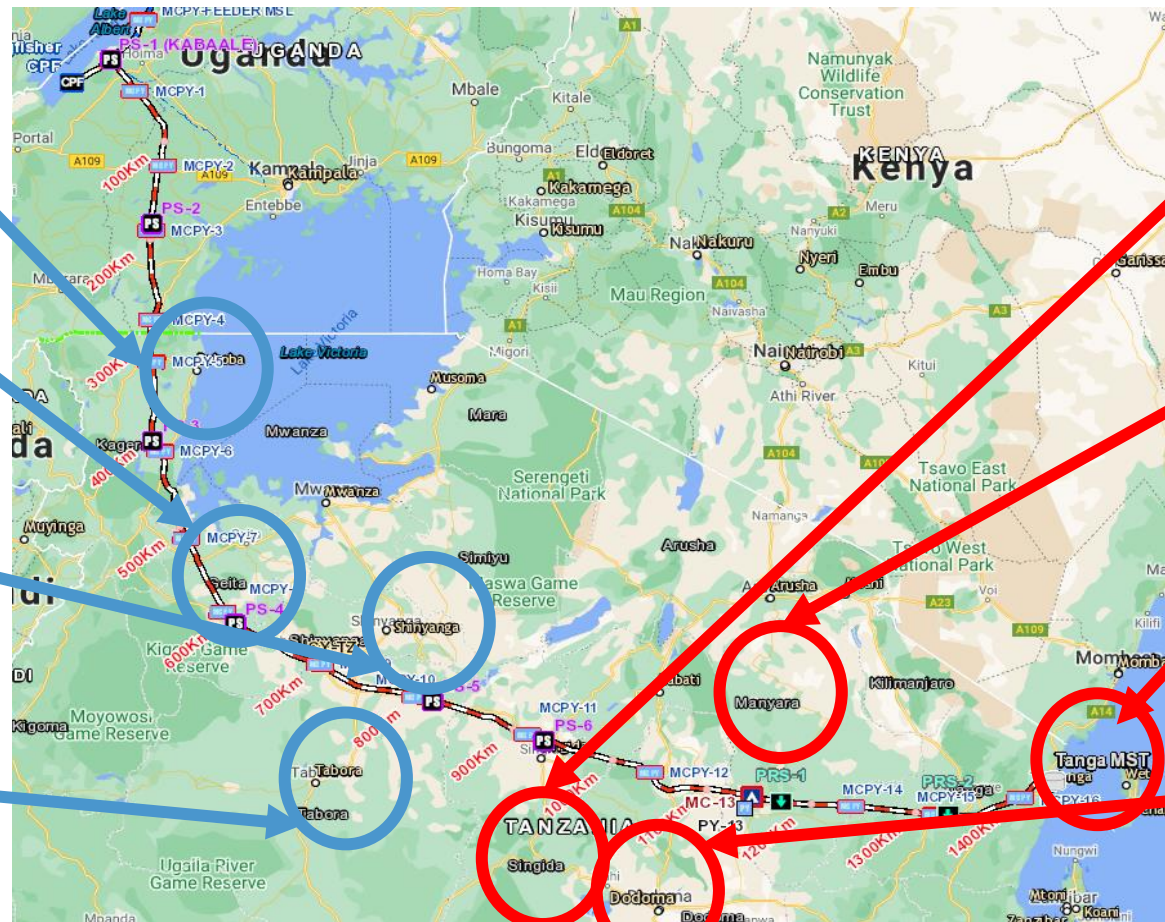
Distance: Start from the border of U&T to Tanga Port

Length: 1050km approximately

Diameter: 24"

Facilities: 4 Pump Stations, 2 PRS, 12 Main Camps and Pipe Yards, mainline block Valves, and electric heat tracing stations

Duration: 24 months construction +3 months of commissioning support with a warranty period of 24 months



Bukoba

Construction

1 Jan. 2023

Geita

Construction
1 Jan. 2023

Shinyanga

Construction

1 Jul. 2023

Tabora

Construction
1 Jan. 2023

Singida

Construction
1 Jan. 2023

Manyara

Construction
1 Jan. 2023

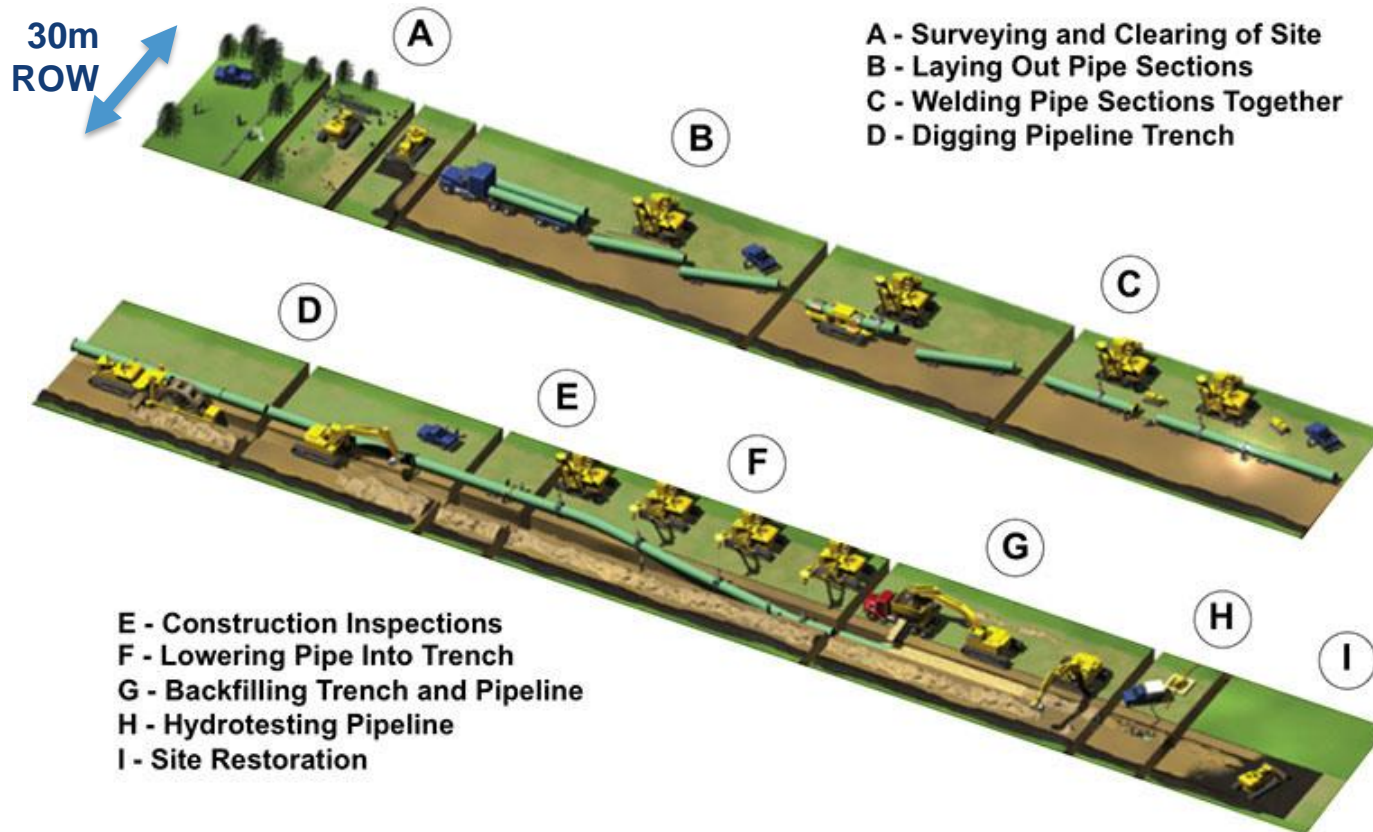
Tanga

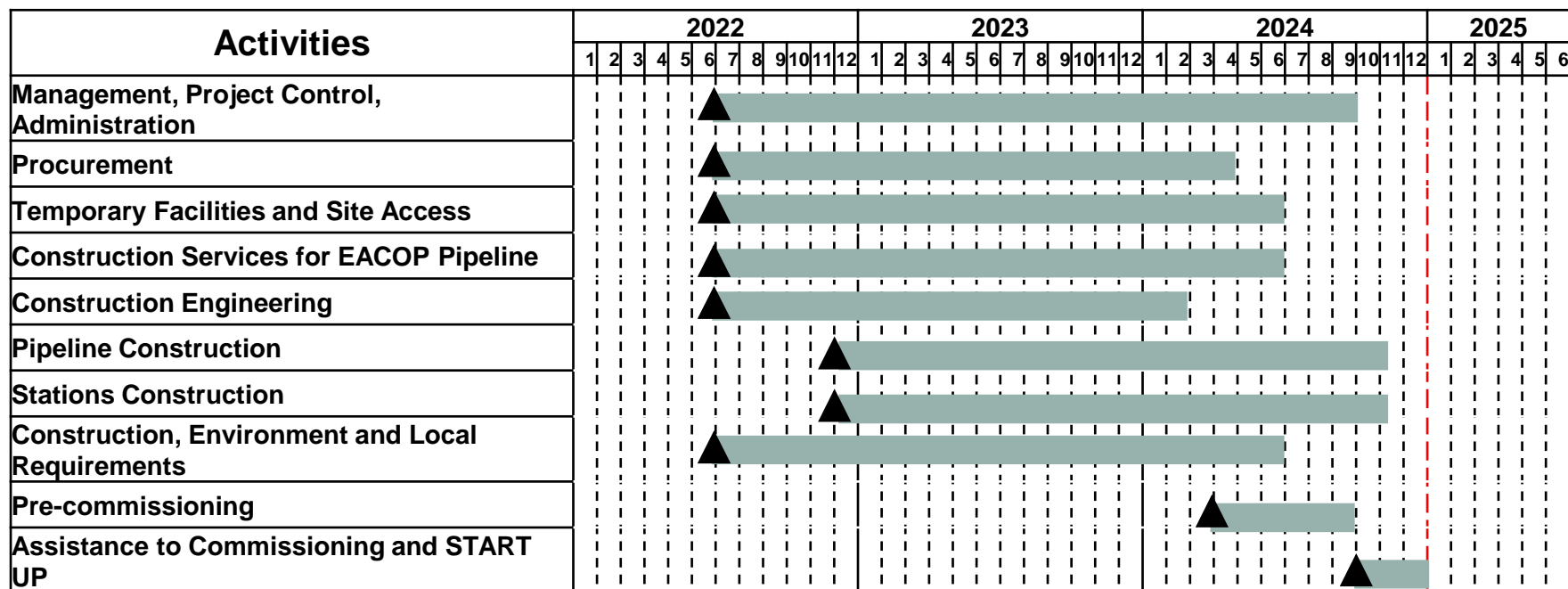
Construction
1 Jan. 2023

Dodoma

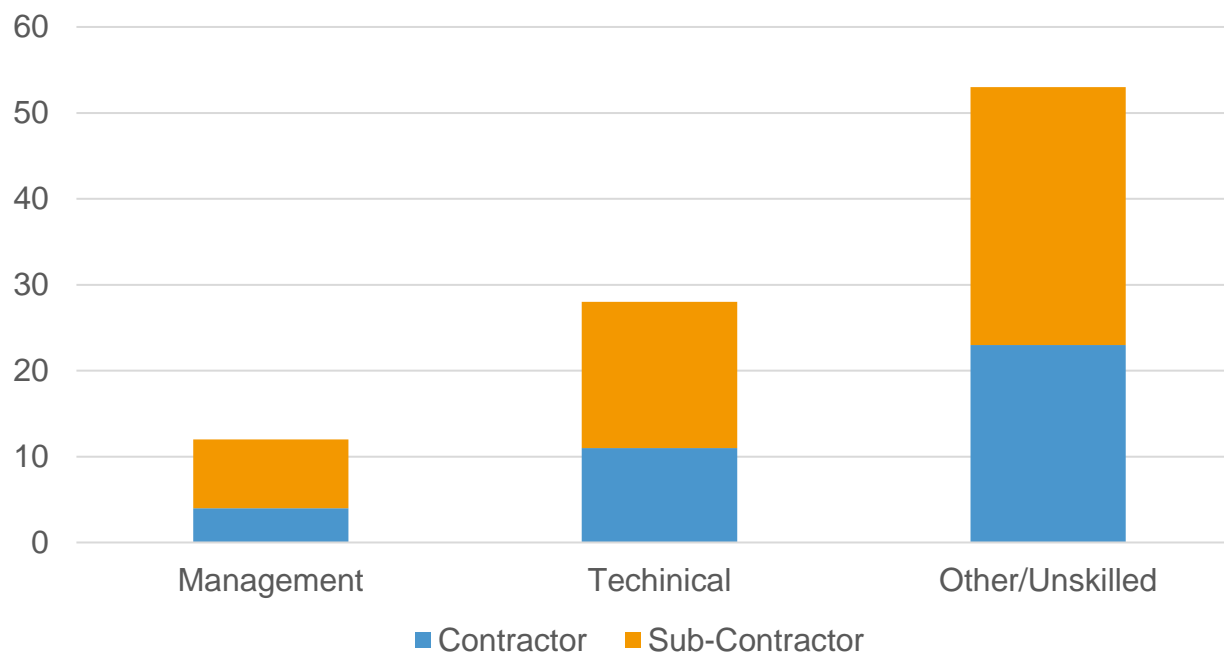
Construction
1 Jan. 2023

PIPELINE CONSTRUCTION

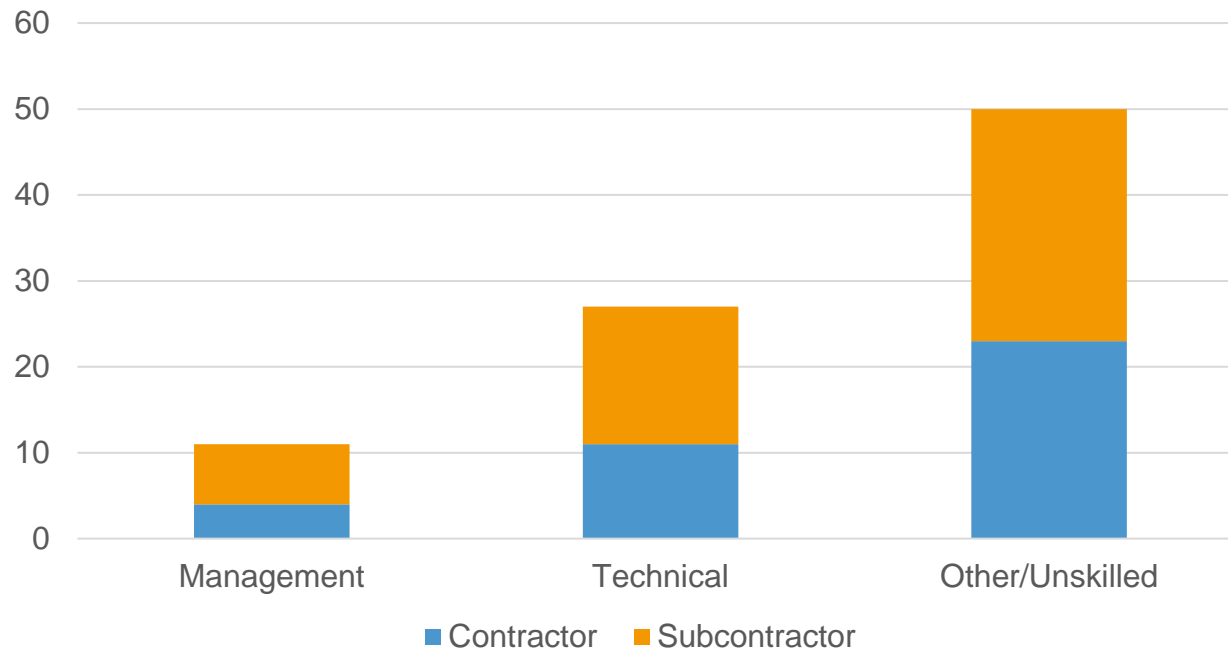




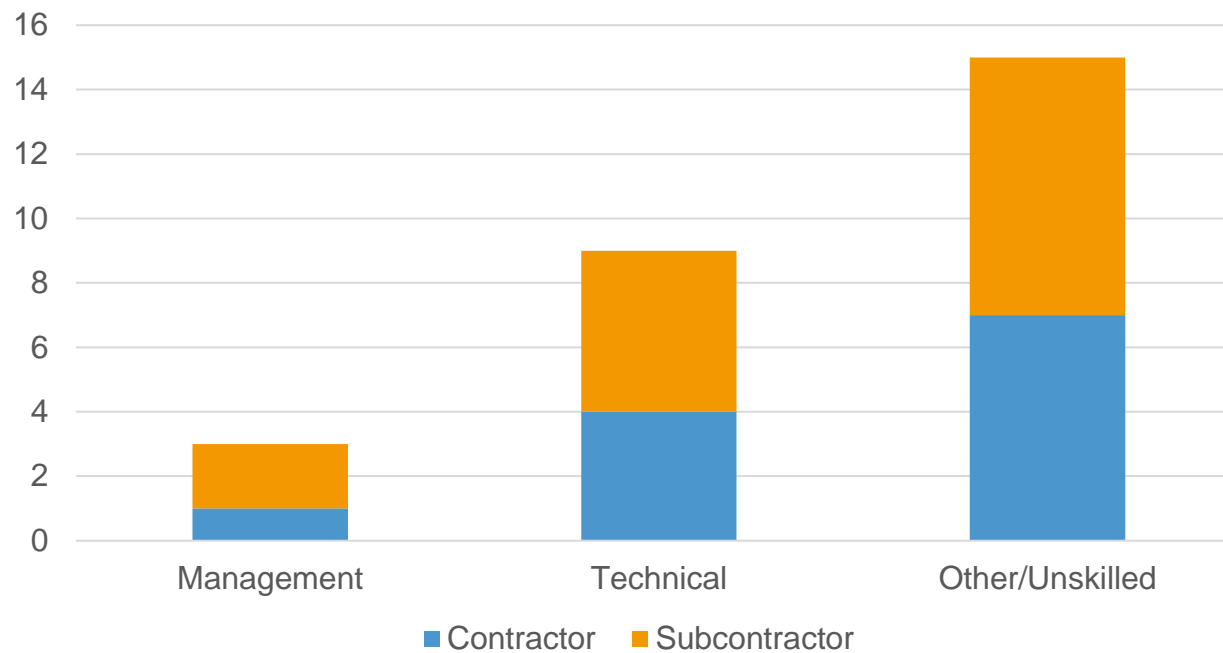
Regional # Bukoba

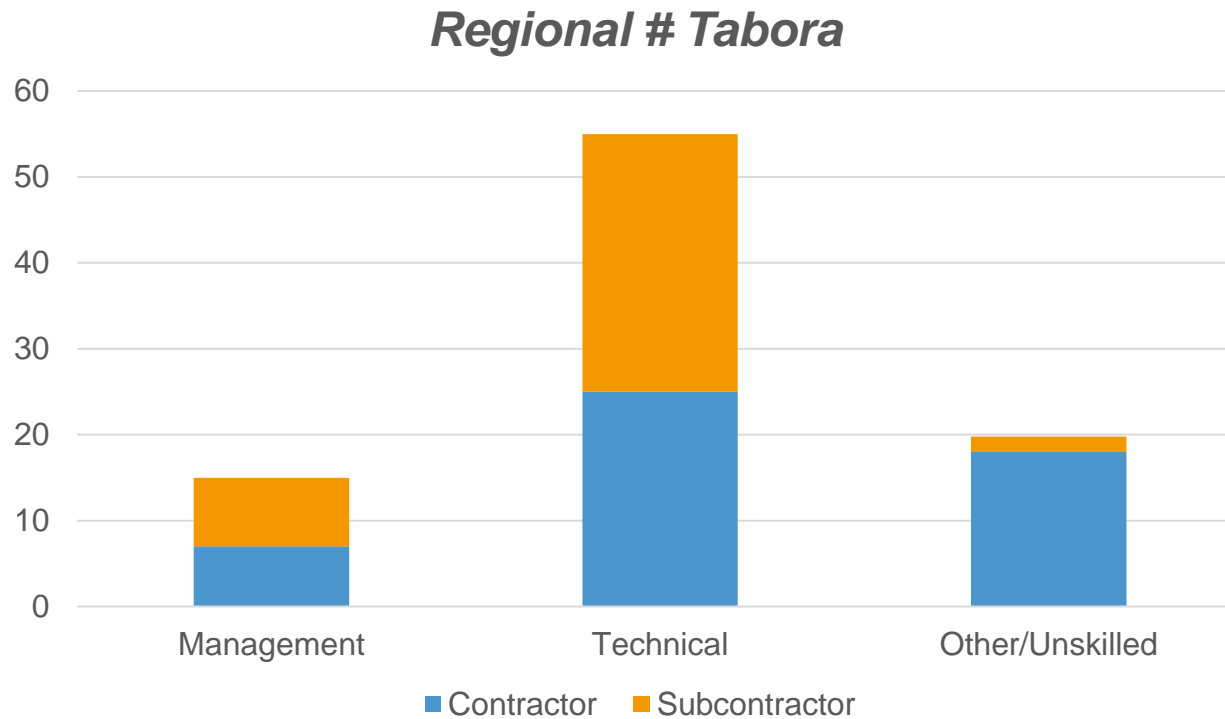


Regional # Geita

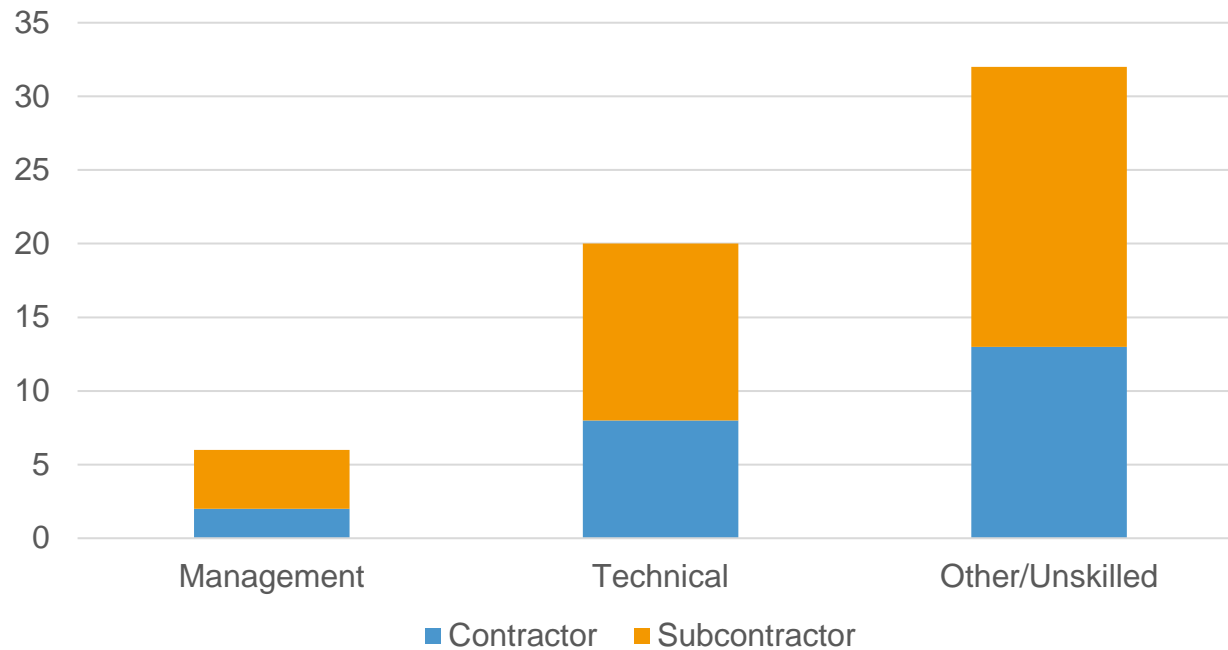


Regional # Shinyanga

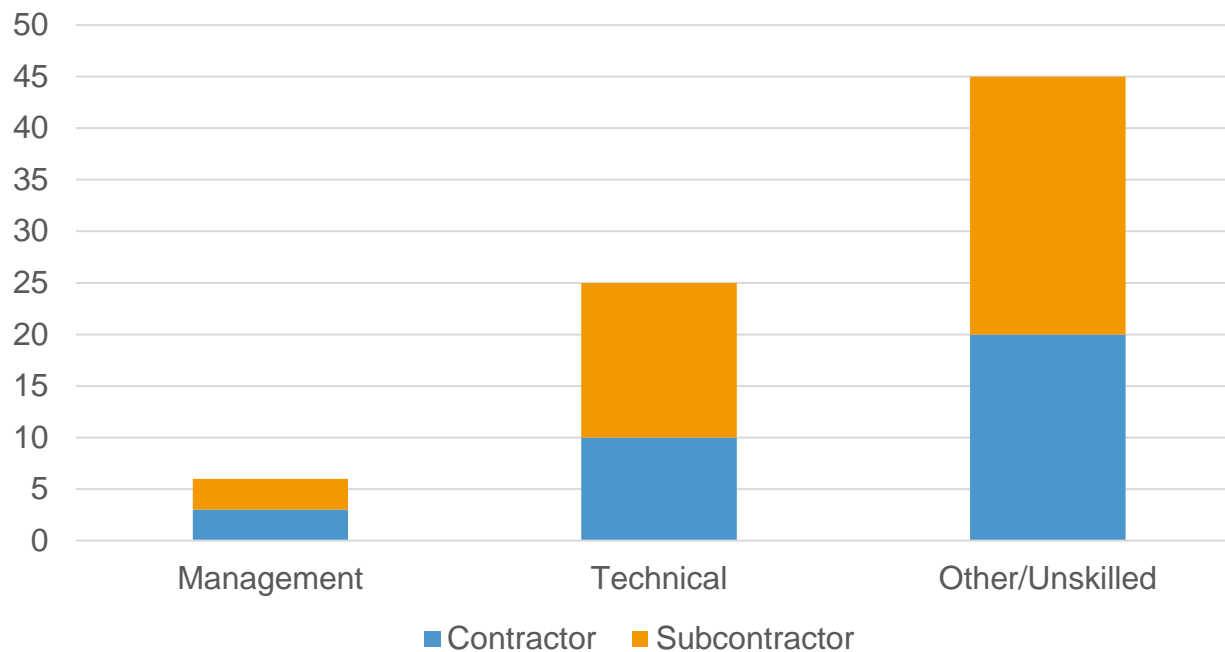




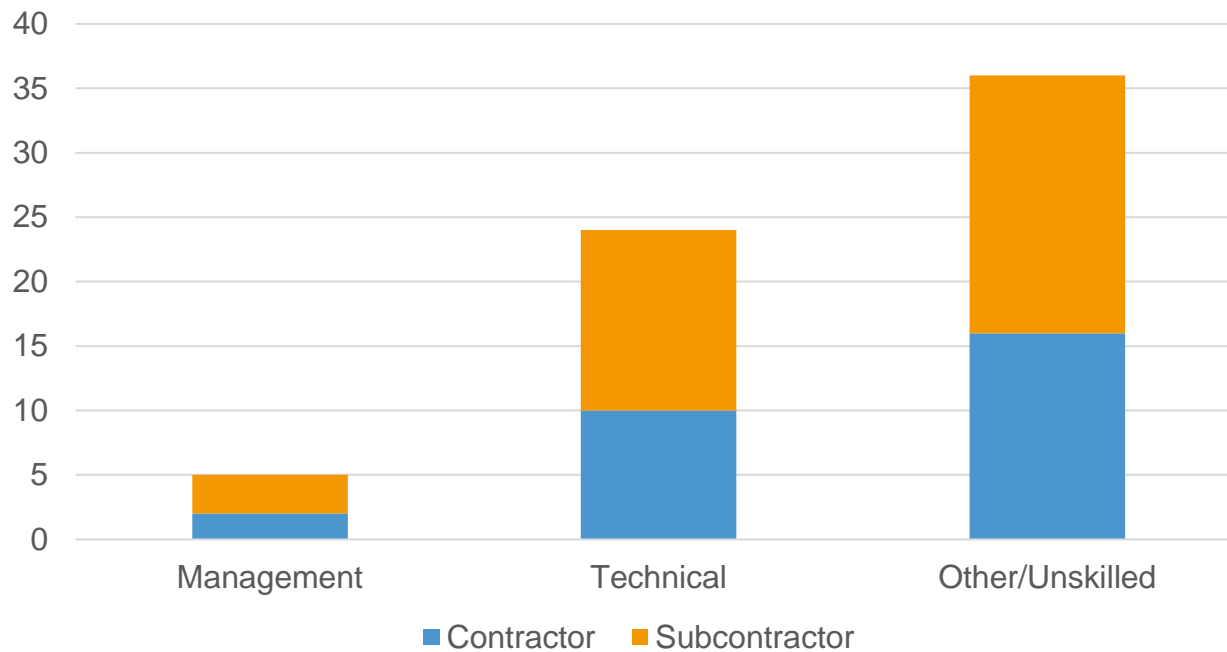
Regional # Singida



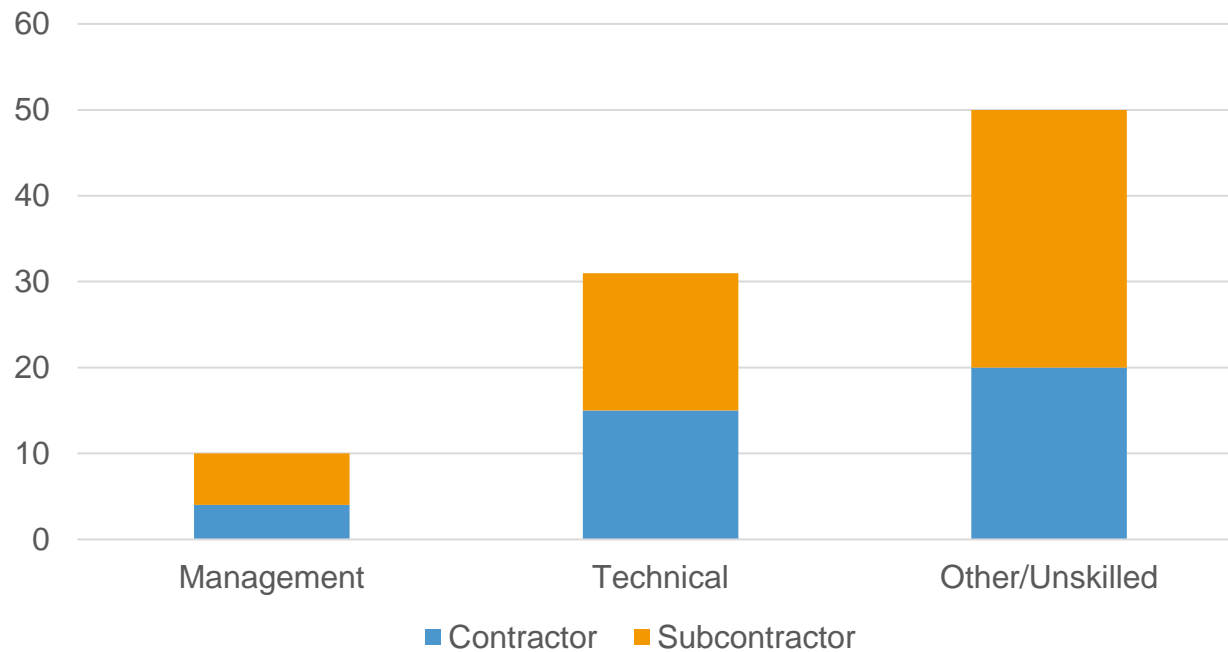
Regional # Dodoma

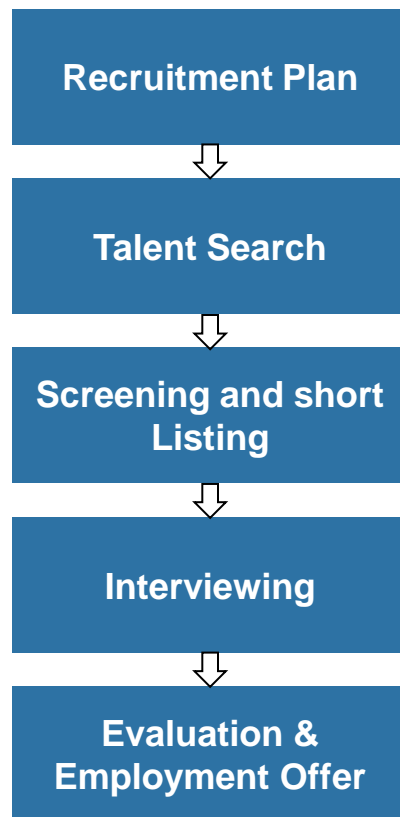


Regional # Manyara



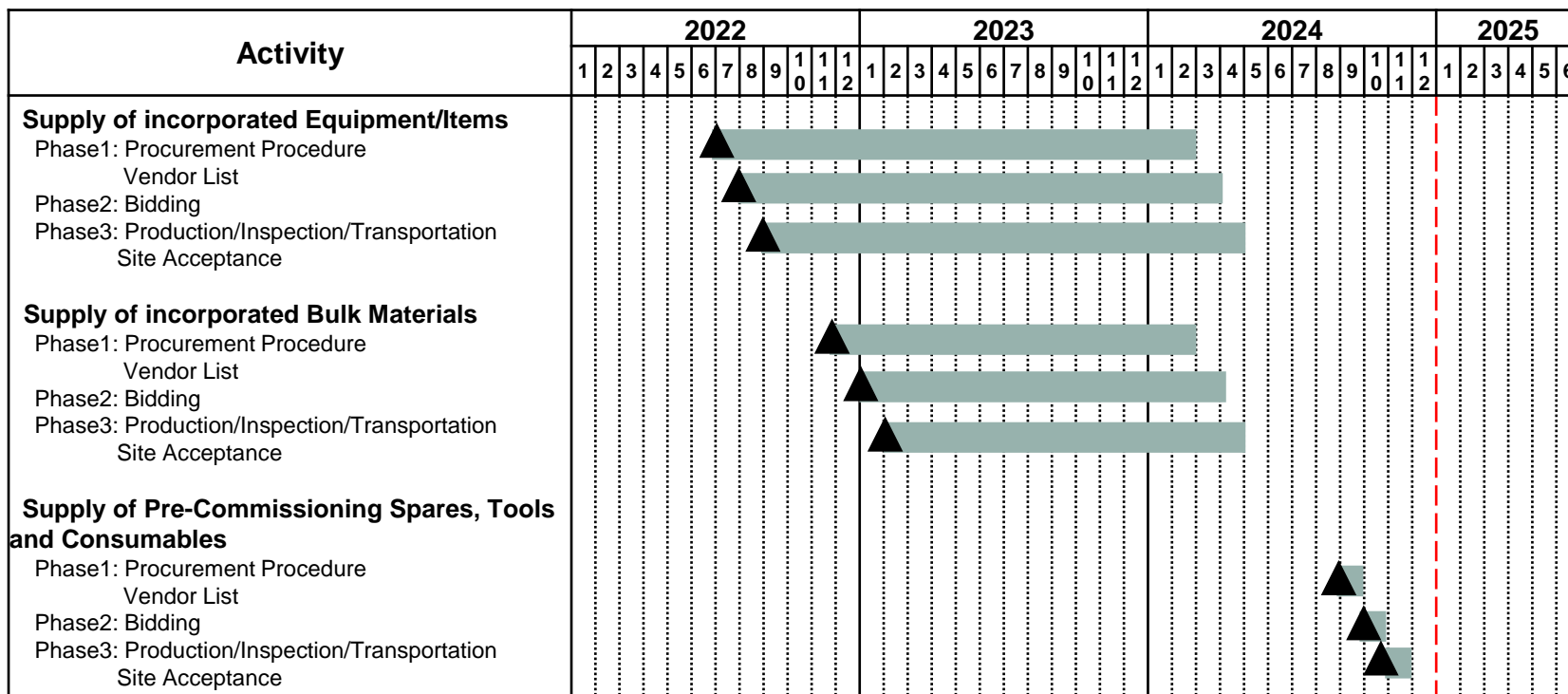
Regional # Tanga

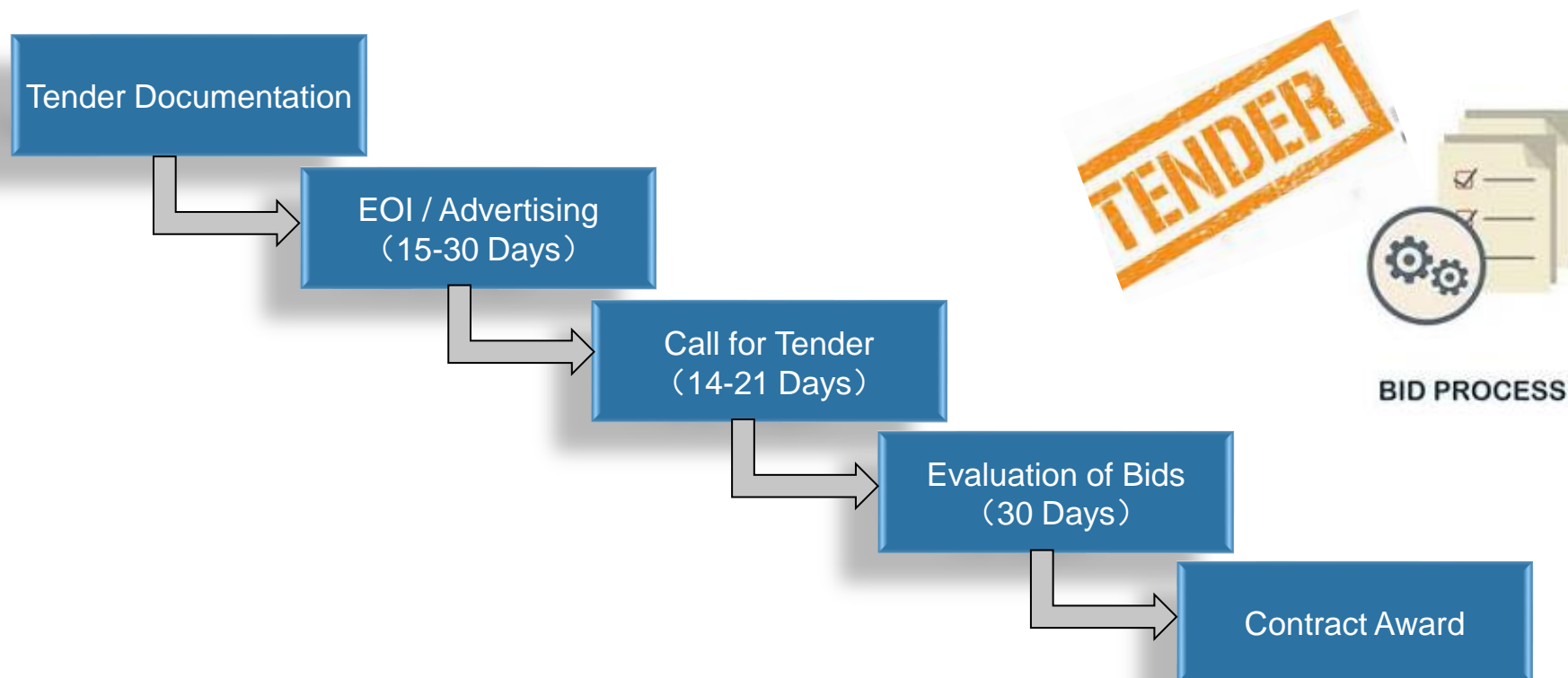




Job title
Coordinator
Driver
Clean-keeping
Labor
Helper in Kitchen

Goods & Services	
Categories	Description
Foods & Beverages	150 People, 10 Months, Three Meals / Region, Day
Fuel Supply	300 Ton / Region, Whole Construction Period
Hotel Accommodation	150 People, 10 Months, One Camps / Region, Day
Waste Management	150 People, 10 Months, One Camps / Region, Day
Transportation	To Be Identify by Bidding
HR Management	To Be Identify by Bidding
Civil Work	To Be Identify by Bidding





China Petroleum Pipeline Engineering Co., Ltd.

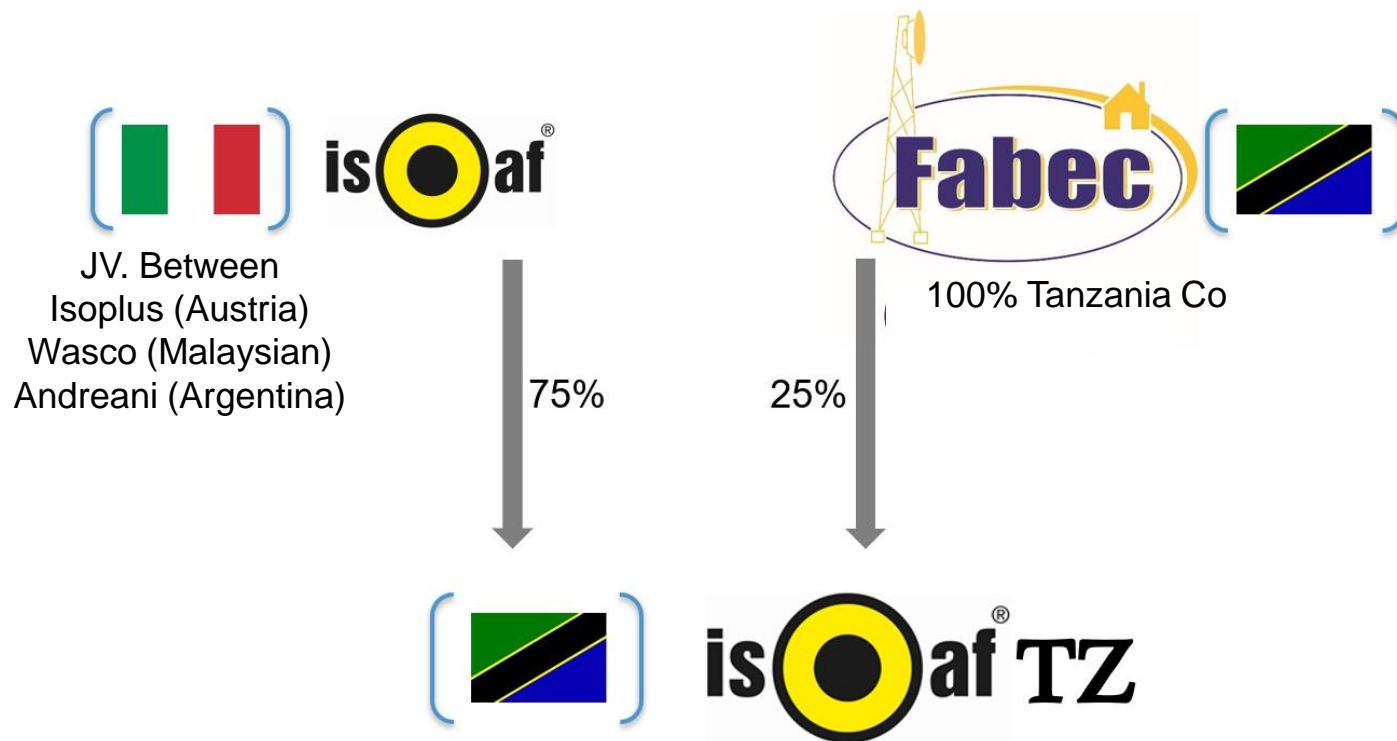
- Email: cppnclc@outlook.com
- Address: Ghuba Road, Oysterbay, Dar Es Salaam
- Contact Name: Dong
- Whatsapp: +255 756914799
(Message Only, 8:30—17:00)
- Web: <http://cpp.cnpc.com.cn/>



The East African Crude Oil Pipeline (EACOP) Project”



INTRODUCTION



SCOPE OF WORK

- Waxy Crude Oil
- Viscosity at normal temperature is a problem



- Thermal Insulation Coating (75 mm PU + 5 mm HDPE) in combination with electrical heating

- EACOP will be the longest heated oil pipeline in the world



SCOPE OF WORK

10 months Mobilisation



Civil Works In Country

Yard Preparation :
35 hectare

Covered Area:
15,000 square meter

Camp: 50 people

Services:

- Energy: 4,5 MW (Mega Watt)
- Security
- Catering
- Industrial Services
- Personnel Transportation
- Clinic



Plant Mobilisation In Country

2 Conti Lines
(Continues Molding
system for application
of TIS coating)

90 days assembling

Local Content

500 metric tons of
Equipment

50 kilometres of
Electric Cables



Raw Materials

41,000 metric tons
of Raw Materials

2 Months of Stock

3,5 Million Liters of
Diesel

Covered Area:
15,000 square
meters

100 metric tons/day
for TIS (thermal
insulation system)



Pipe Reception

Vacuum lift method

FBE (Fusion
bonded epoxy
coating) Inspection

5.000 times/day



TIS (thermal insulation system) Application

Conti Line method

FBE RepARATION

End Measurement

Channel Installation

100 kilometres /month

Quality Control

Traceability 100%



Storage & Dispatch

Vacuum Lift

Berm stacking area

5.000 times/day
(dispatch)

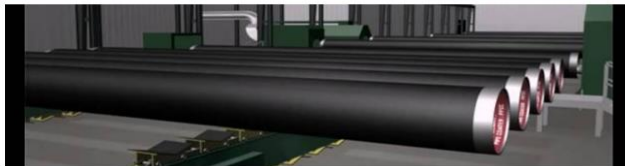
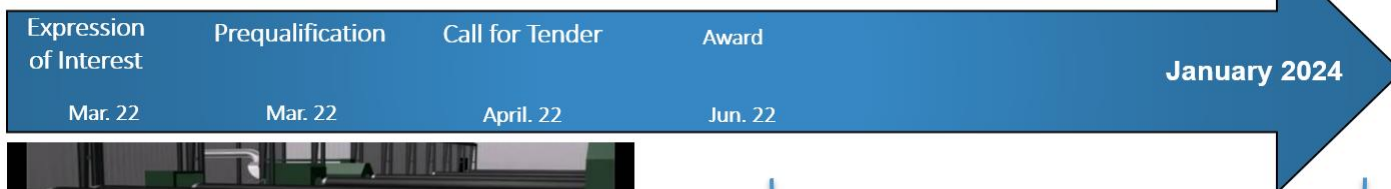
SCHEDULE

Mobilisation and Construction of the Plant



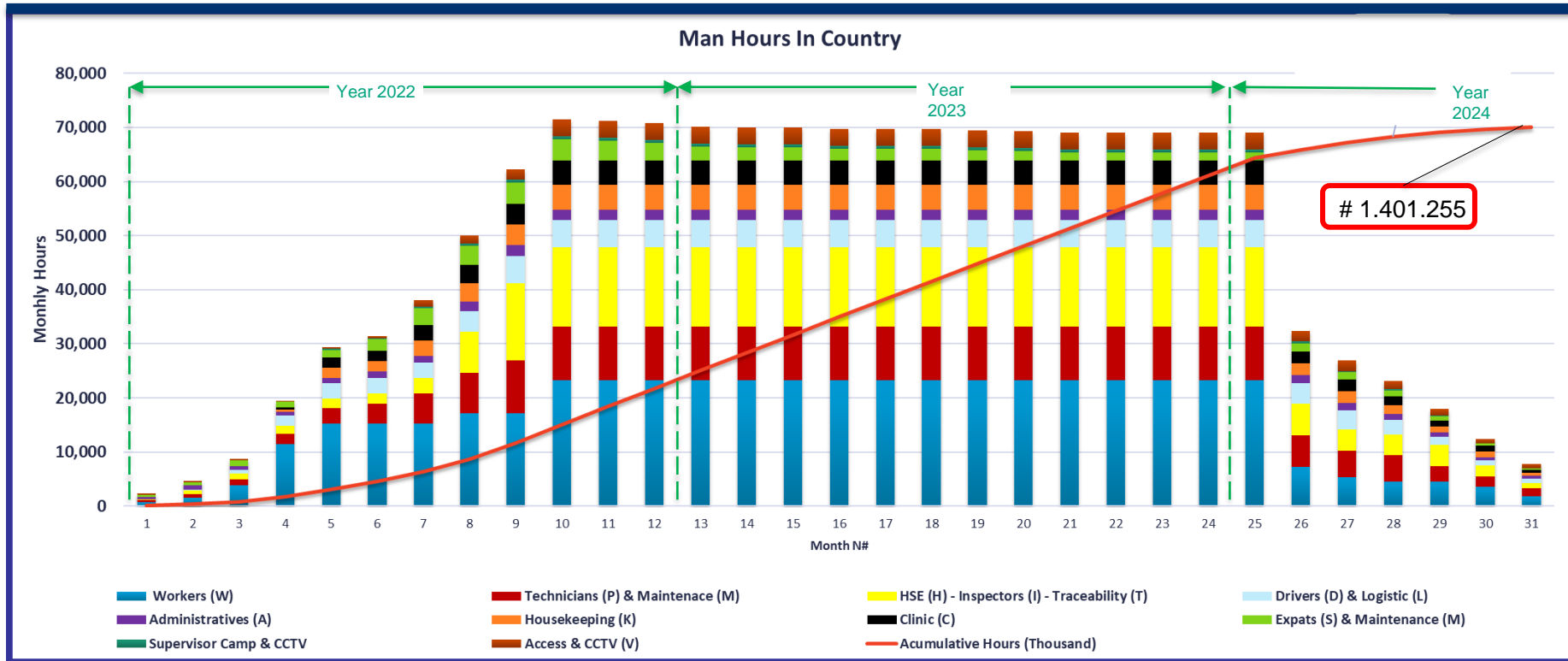
Period of Execution or Provision

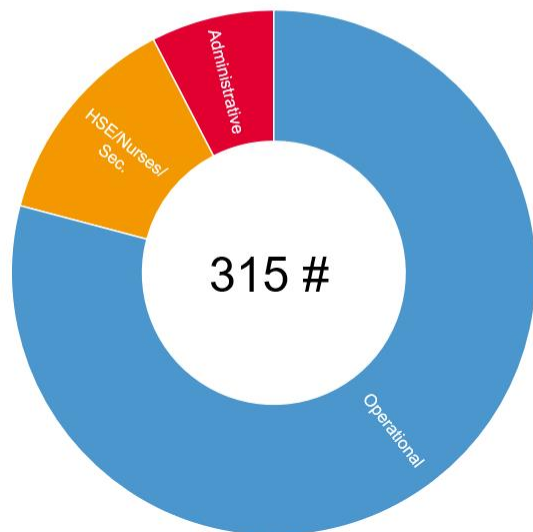
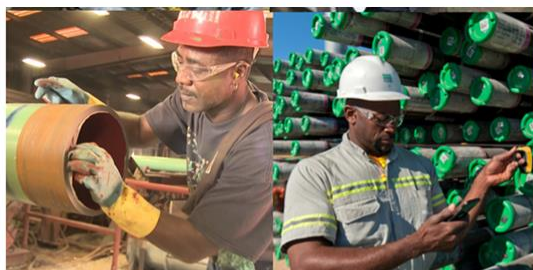
Thermal Insulation Coating Production



Period of Execution or Provision

MOBILIZATION PLAN IN THE LOCATION





Job title
Engineers
Electricians
Mechanicals
Excavator Operators (Vacuum Lift)
Drivers (Farm Trucks)
HSE
Logistic
Quality Control
Clinic (Nurses and Doctor)
Administration & Finance
Workers
House Keepers
Security
Others (IT, HR, etc.)

	Management	Technical	Other/Unskilled	Sum
Employees % Tanzania	45%	95%	100%	94%



As much
as possible
from
Tabora
Region



100%
from
Tabora
Region

SERVICES CONTRACTS



- Catering..... 220.000 Meals
- Logistic.....1.500 Journey Trucks (Dar-Nzega)
- Security.....20 Months (12 guards)
- Waste Disposal.....10 tons/ Months (Organic)
- Rental.3 Cranes (15 Tn each)
- Labor Transport..... 4 buses 6 days/week
- Clinic Services..... 7 days/Week
- Pest Control.....Weekly services

Other Services

Travels - Banks – 3rd Maintenance – News Paper Advertising

LOCAL GOODS PROCUREMENT PLAN



- Diesel..... 4,000,000 Liters
- Lubricants.....200,000 Liters
- Gravel.....7,000 m³
- Furnitures (Various).....300 (Units)
- Drinkable Water.....320,000 Liters
- Metallic Products.....1,300 Tn
- Construction Materials.....2,700 Tn
- Fence Materials..... 2,600 m lineal
- Hand Tools..... 200 Items
- Safety Equipment.....6,000 Kits
- Paints.....3.0000 Liters

Other Goods

Offices Equipment – Bricks – Timber – PE Films – Plastic Pipes

CALL FOR TENDER PROCESS

ISOAF will create a transparent and competitive Tender process for procurement of local goods and service :



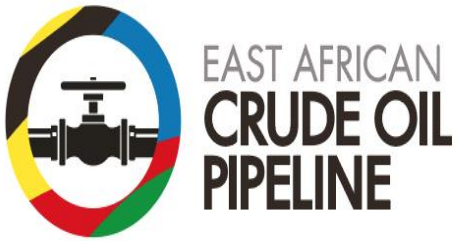
- Local Companies have priority for subcontract works (Goods and Services)
- Contracts LSSP (EWURA) Registration is highly recommended
- HSE qualification (Isoaf will support with capacitation on this)
- Local permits / registrations and work according local regulations
- Experience in similar activities condition to be invited to offer

CONTACT DETAILS



Isoaf TZ Limited

P.O. Box 14886, Dominay Point
Mandela Road, Dar Es Salaam, Tanzania
Franco Andreani
+255 22 27 47 194
info-t@isoaf.com



Jetty Component



The East African Crude Oil Pipeline (EACOP) Project”

Besix Ballast Nedam Ltd



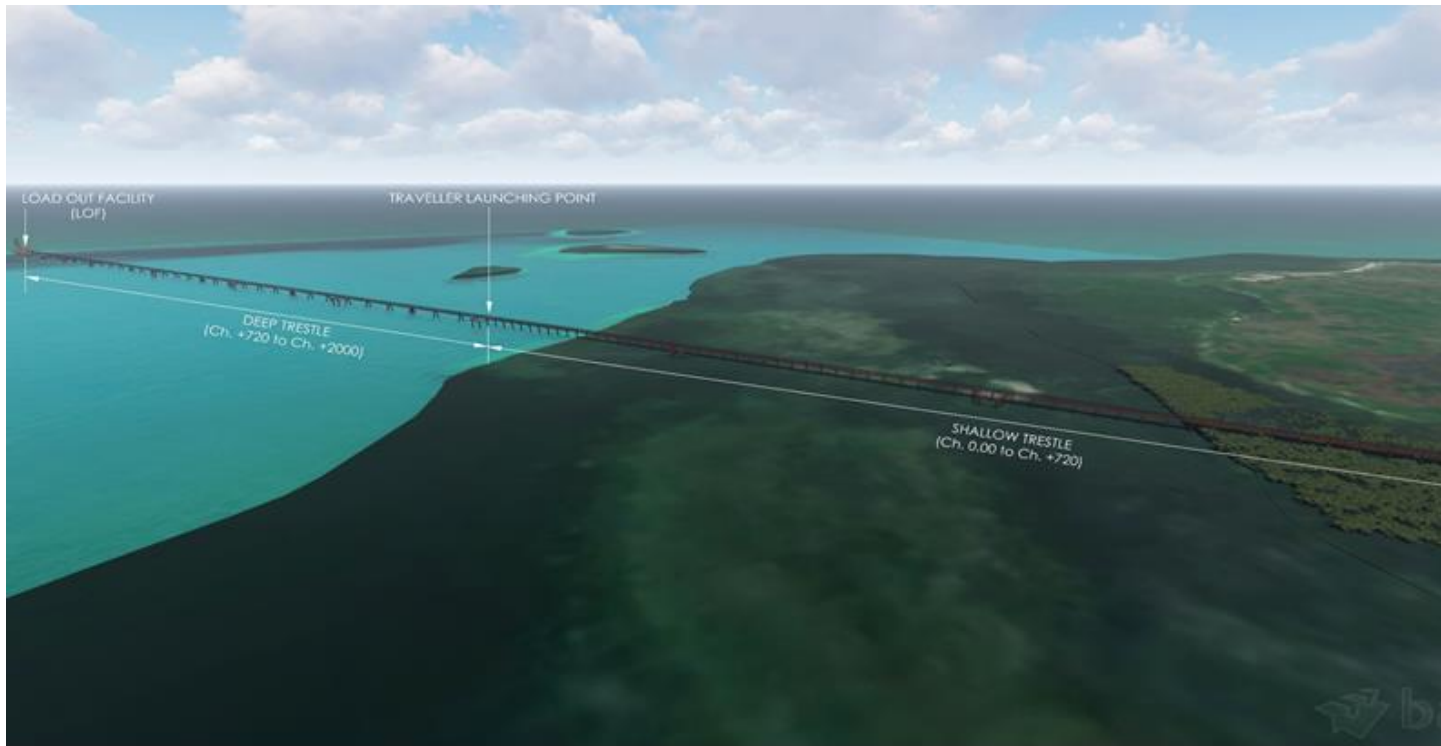
Besix Ballast Nedam Limited ; Joint venture between 2 companies :

BESIX Group is a construction group based in Brussels, Belgium, one of the world's leading international contractors. Active since 1909, BESIX operates in Europe, the Middle East, Oceania, Africa, North America and Asia.

Ballast Nedam : Part of Ronesans , being one of the World's Largest International Contracting Companies, executing multidisciplinary projects in Africa, Europe , Asia and the middle east

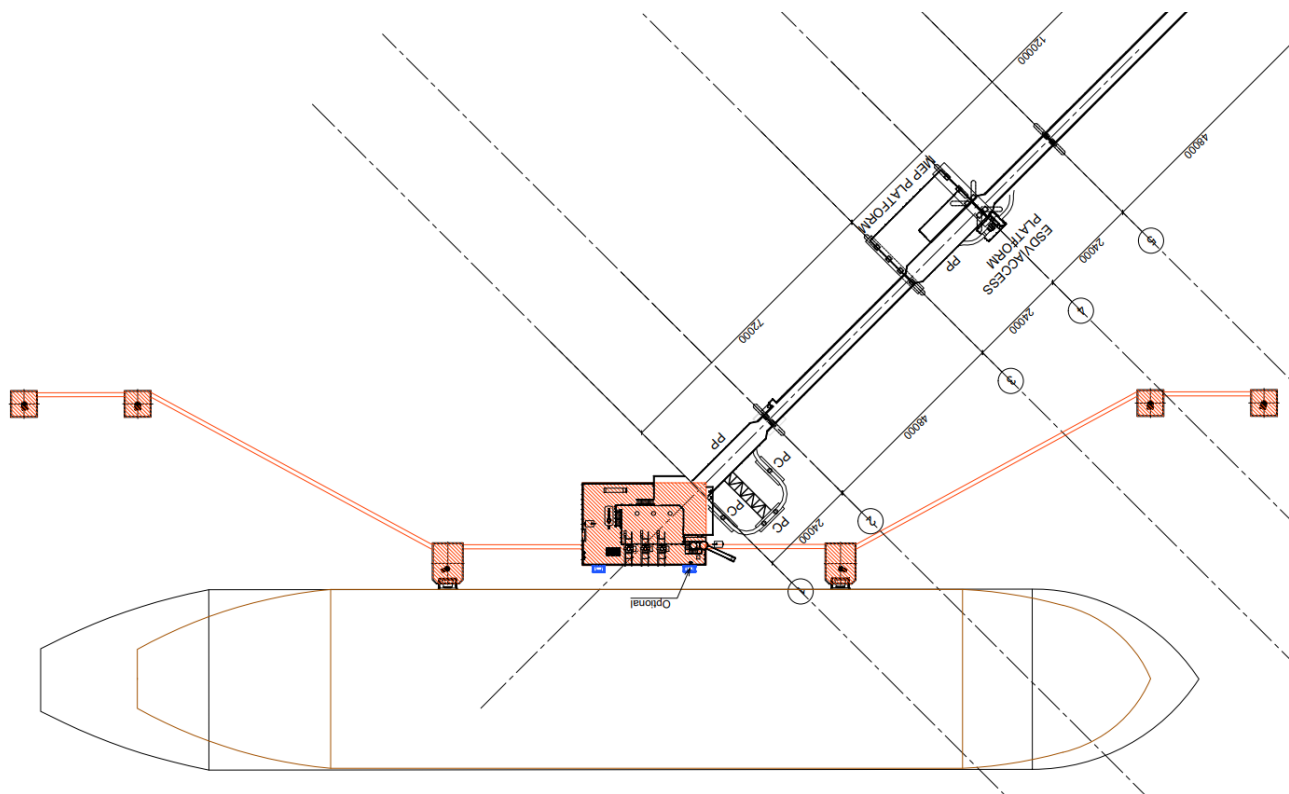
Local Partner : CSI Energy Group (Tanzania) Limited, strong local partner in mechanical, piping and electrical works

SCOPE OF WORKS – 2000MTR JETTY : TO LOAD CRUDE OIL INTO VESSELS

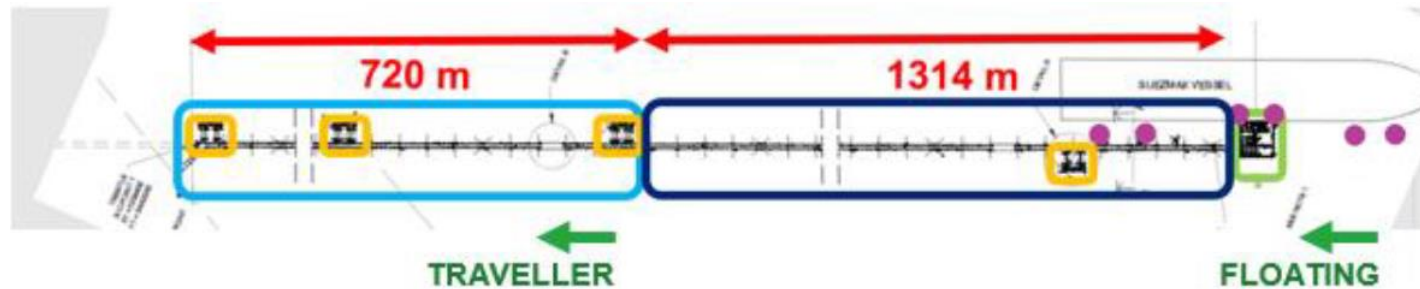




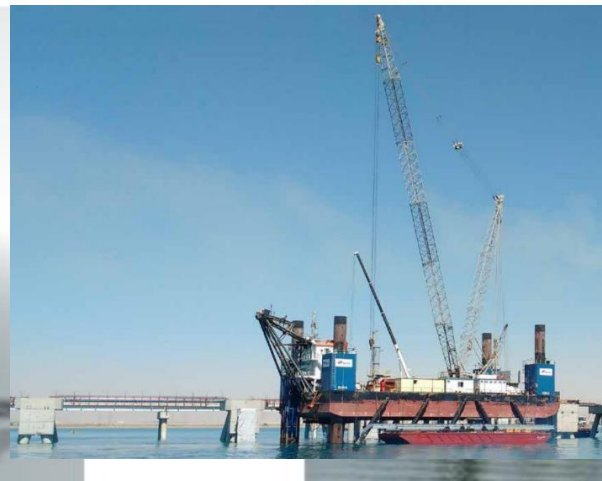
BERTHING AND MOORING FACILITIES



CONSTRUCTION METHODS – FROM THE WATER



- hat we use the traveller / barge



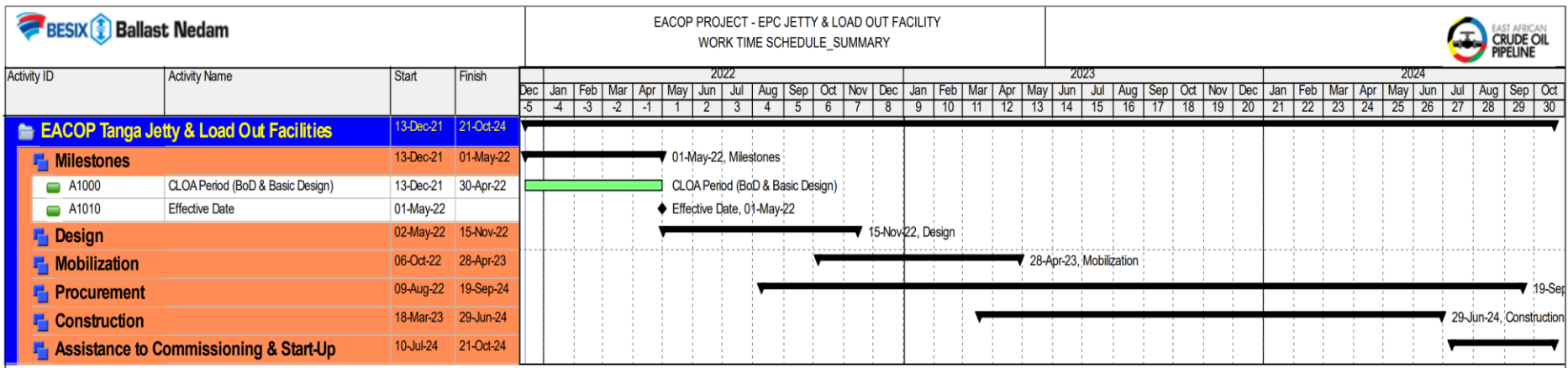


Construction on water

- 3 crane barges / 6 storage barges
- Ships are supplying piles and trestle sections directly on the storage barges
- Piling and Trestle installation by barges
- Transport of workers to barges by crewboats through the port (east side) and through landside (after construction abutment)
- Food and Sanitary facilities for workers on barges
- Precast concrete will be produced in the port
- Storage yards near the port (5000 m²) and near the Terminal (10,000 m²)
- Besix Ballast Nedam Ltd offices will be (most likely) in the TPA building
- Imports through Dar es Salaam and Tanga Ports

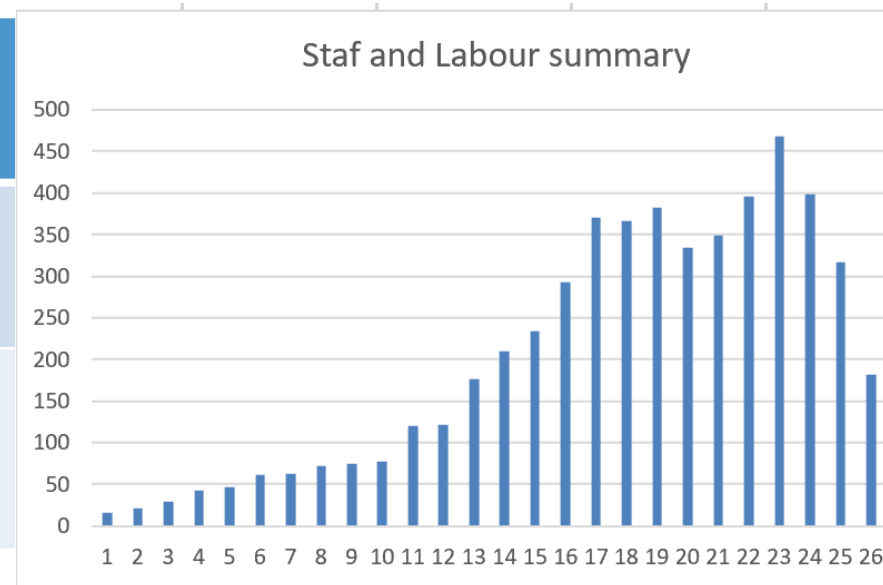
SCHEDULE

EFFECTIVE DATE : 1 MAY 2022
 MOBILIZATION START: 1 OCTOBER 2023
 FIRST PILING WORKS: 15 MARCH 2023
 COMPLETION : 30 JUNE 2024



LOCAL EMPLOYMENT / MOBILIZATION PLAN IN THE LOCATION

	Management	Technical	Other/Unskilled	Overall
TOTAL HOURS	92,347	597,632	754,090	1,432,629
TANZANIA MAN HOURS	24,110	416,621	754,090	1,194,820



LOCAL LABOR / STAFF

Project Management		QA/QC Dept.		Construction Works		Labor / Skilled / Unskilled	
Project Office secretary	1	QA/QC officer	1	Welding Supervisor	2	Logistics foreman	1
Site receptionist	1	QA/QC Inspector	1	Trestle - Site Engineer	2	Carpenter	8
Engineering Dept		QA/QC Inspector I	1	Deep Trestle Supervisors	3	Mason	4
Senior Planning Engineer	1	QA/QC Inspector Asst	4	Deep Trestle Supervisors/night	2	Steel fixers	8
Draftsman	4	QA/QC Inspector Asst	2	Pile weld foreman	1	Site SuperIntendent	1
Doc controller	1	QA/QC Inspector Asst	2	Pile weld foreman night	1	Surveyor	1
IT Engineer	1	HSES Dept.		Pile weld foreman	1	Crane Operator	6
Procurement & Logistics Dep.		Inspector..	3	Pile weld foreman night	1	Riggers	23
Expeditor	2	Inspector.night	2	Trestle - Site Engineer	1	Deckhand	32
Procurement Clerk	1	Enviromental Inspector	3	Trestle - Site Engineer	1	Drivers	10
Freight Agent	1	Site Nurse	1	Xhead Concrete Supervisor	1	Electrician	21
HR / IR Dept		Security Commandor	1	Xhead Concrete Foreman	1	Gangleader	13
Liason Officer	1	Watch Commandor	3	Precast yard superintendent	1	Mechanic	5
HR Officer	1	Watch Commandor	1	Precast yard engineer	1	Operator	6
HR Officer Asst	1	Financial Dept.		Precast yard foreman	1	Skilled mep (CSI)	12
Time Keeper	4	Site Accountant/Payroll	1	Precast yard QA/QC Insp	1	Unskilled	78
Contracts Dept		Administration Clerk	2	MEP HSE Safety Coord	2	Welder	32
Cost & Report Engineer	2			Plant Mechanic	3		
Quantity Surveyor	1			Site Electrician	3	Grand Total	350
				Asst Surveyors	3		
				Store Keeper	2		

The Besix Ballast Nedam Ltd training program shall strive to meet the following training objectives:

1. Provide skills training to enable national workers to meet the requirements of the role they have been employed to undertake
2. Provide local workers with the minimum qualifications necessary for Project employment
3. Enhance local unskilled workers' existing skills to allow them to qualify for semi/skilled positions if and when they become available
4. Provide induction training that will enable new workers to perform duties in a safe, professional manner
5. Provide on-the-job training to enhance current skill levels and become eligible for promotion into jobs requiring more advanced skills
6. Deliver life skills training to better enable workers to improve lifestyles and prepare for eventual end of contract and demobilization
7. As required, provide basic hygiene, health, and safety training to enable all workers to fully participate in camp and work life.

RESERVED CONTRACTS

- Security Services 2 yards
- House Rental : total 12 houses
- Food Supply : approximately : 140,000 meals
- Office Rental : 400m2 at TPA
- Laundry Services
- Medical Services
- Medical Evacuation Services
- Laboratory services
- Stationery Supply
- Courier services
- Drink water supply
- IT infrastructure cabling installation
- Office equipment and furniture
- Waste management
- Insurance
- Legal advisor
- Tax advisor
- Clearing agents

LOCAL GOODS AND SERVICES

- Diesel : 1,2mio ltr
Lubs : 30,000 ltr
- Aggregated 0-10mm 1600 ton
- Aggregates 10-20mm 1300 ton
- Natural Sand 2100 ton
- Cement 970 ton
- Reinforcement 550 ton
- Wawa board : 500m3
- Oxygen
- Acytelen
- Personel Protective Equipment for all staff and labor
- Logistics : container transport from Dar to Tanga – over 100 pcs
- Crawler Crane 100 ton
- Rental pick-ups
- Temporary facilities : area preparation , steel, concrete, roofing supply and building materials for temporary facilities (workshop / steel fixers shop etc)

CALL FOR TENDER PROCESS

- Expression of interest/advertisement (where) with detail of scope of works will be published in newspapers (such as the Guardian and the Citizen) and on the internet <https://eacop.com/jobs-tenders/>
- Qualification's requirements will be depending on the type of goods and services required, key criteria :
 - Ability to demonstrate Health, Safety and Environmental (HSE) compliance and commitment related to the requested service/goods
 - Same for Quality of the service goods
 - Proven Experience in the requested service
 - References
 - Local Content

- Tender Evaluation criteria

In addition to the qualification criteria the Local Content shall be a main component for Besix Ballast Nedam Ltd during subcontractor's bid evaluation and shall represent a minimum of ten percent (10%) of the bid evaluation score, based on: Local employment and training, good & services, Technology Transfer.

CONTRACTOR acknowledges that Regulations are giving priority to Local Companies, which are by definition "one hundred percent owned by a Tanzanian citizen or a company that is in a joint venture partnership with a Tanzanian citizen or citizens whose participating share is not less than fifteen (15) percent"

- Duration of the process : after publication 2 weeks to submit , thereafter 1-2 to select qualified bidders, followed by call for tender.
- Mandatory Conditions to participate in the Tender process : Being registered in Tanzania

CONTACT DETAILS

Besix Ballast Nedam Ltd , located within EACOP offices

EAST African Crude Oil Pipeline (EACOP) Ltd
Plot no. 1403, Block 1, House no. 7
Bains Avenue of Chole Road
Wing B, P.O. Box 23139
Msasani Peninsula, Masaki Dar es Salaam

Contact Name : Mark Massai

Email : Info@bbnjv.com

+255 689 650 590

CSI Energy Group

Mr Jon Gunnar

+ 255 22 245 0028

+ 255 657 311536

jgg@csi.energy

www.csi.energy

The Energy Centre, Plot 7/7A Nelson Mandela Highway, Dar es Salaam, Tanzania.

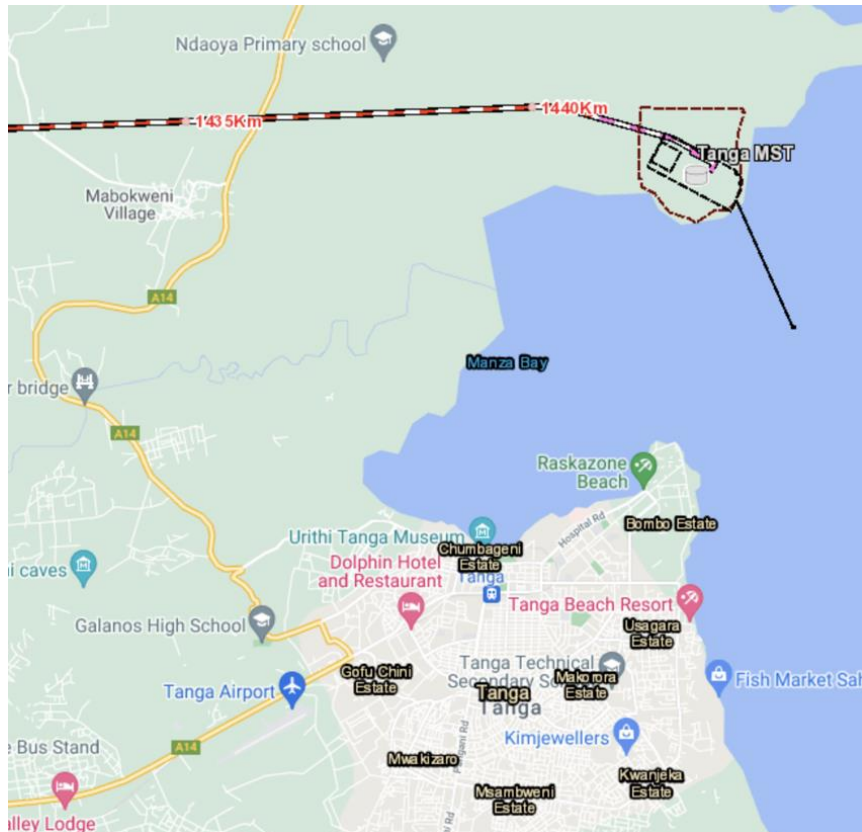
LOCAL CONTENT FORUM

CONSTRUCTION SERVICE OF MARINE TERMINAL & EPC OF STORAGE FACILITIES

Optimizing Local Content for the East African Crude Oil Pipeline (EACOP) Project



SCOPE OF WORK – FOCUS IN TANZANIA

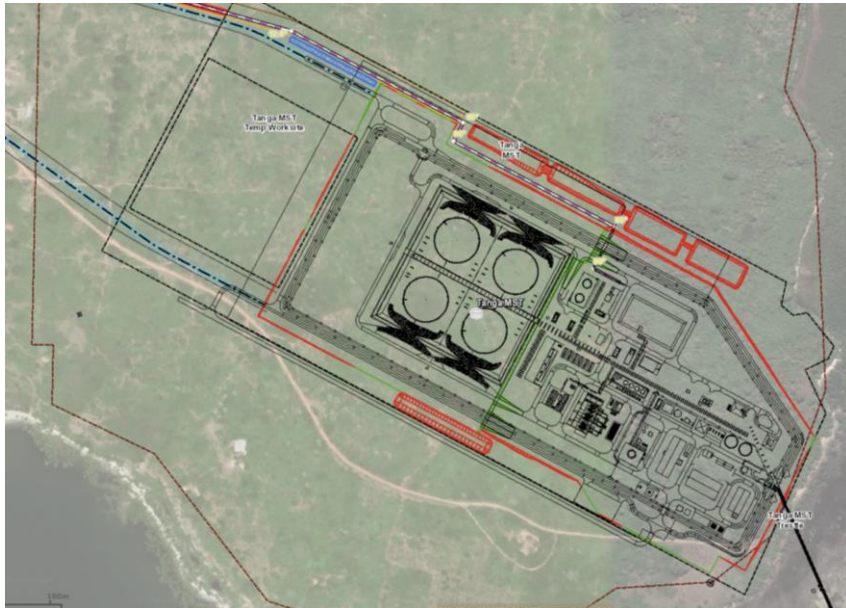


Project Location

Project site (Tanga MST) is located in Tanga Region, Chongoleani area, about 40 km road travel from Tanga city to the site location.

One temporary construction camp is planned along the work site, with a maximum capability to serve 600 people, to support the site activities.

SCOPE OF WORK – FOCUS IN TANZANIA



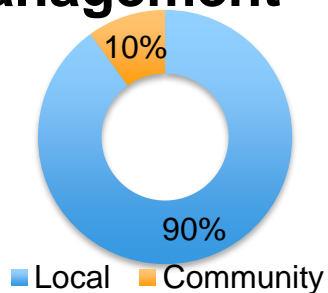
- 4 sets of 100,000m³ crude oil float roof tank
- Terminal area site preparation
- Prefabricated building
- Sheds and shelters for skids
- Pipe rack & cable tray
- Crude oil processing equipment installation
- Sediment basin construction
- Generators installation
- Fire water tank & fire fighting system

PROJECT SCHEDULE

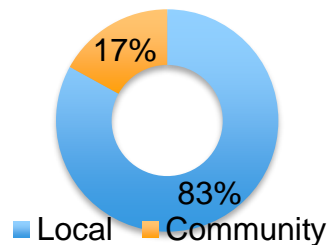
Activities	2022				2023				2024			
	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4
DOCG Team Site Mobilization												
Engineering												
Procurement												
Campsite Construction												
Tank Package Construction												
Terminal Package Construction												
Tank Package Pre-commissioning												
Terminal Package Pre-commissioning												
Tank Package Commissioning Assistant and Start-up												
Terminal Package Commissioning Assistant and Start-up												

LOCAL EMPLOYMENT / MOBILIZATION PLAN IN THE LOCATION

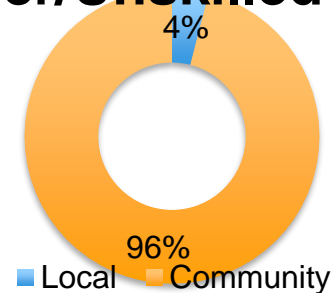
Management



Technical

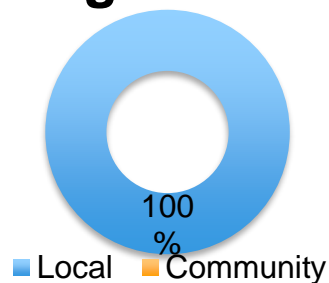


Other/Unskilled

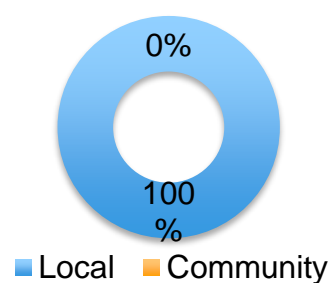


Contractor
Local Employees vs
Community Employees

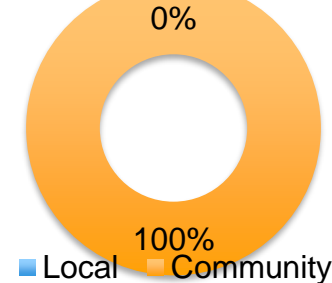
Management



Technical

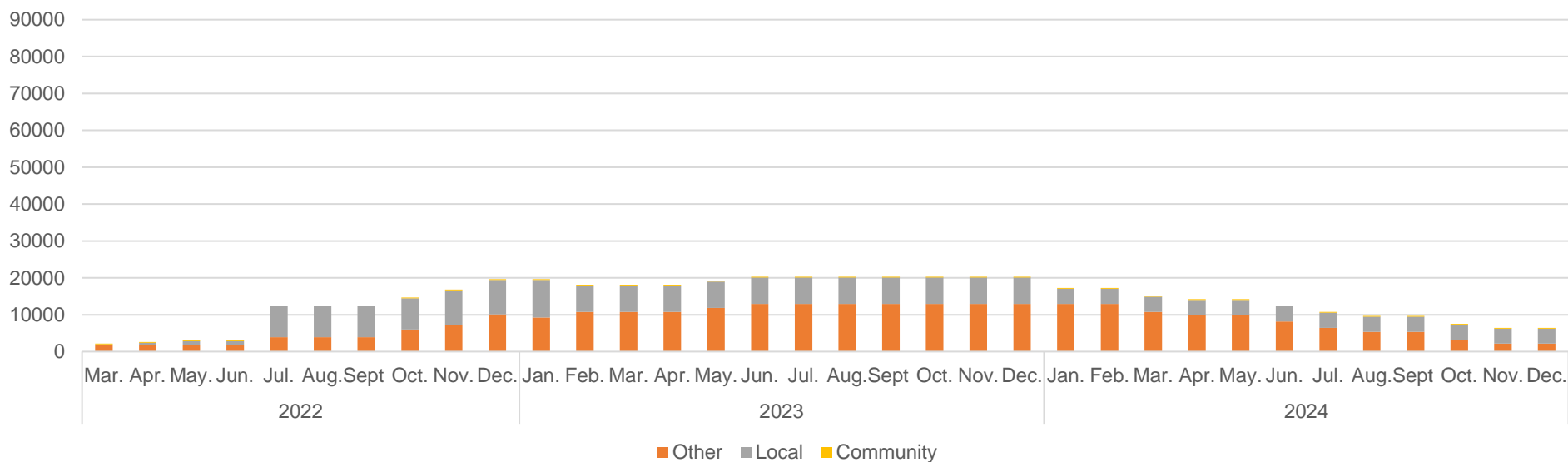


Other/Unskilled



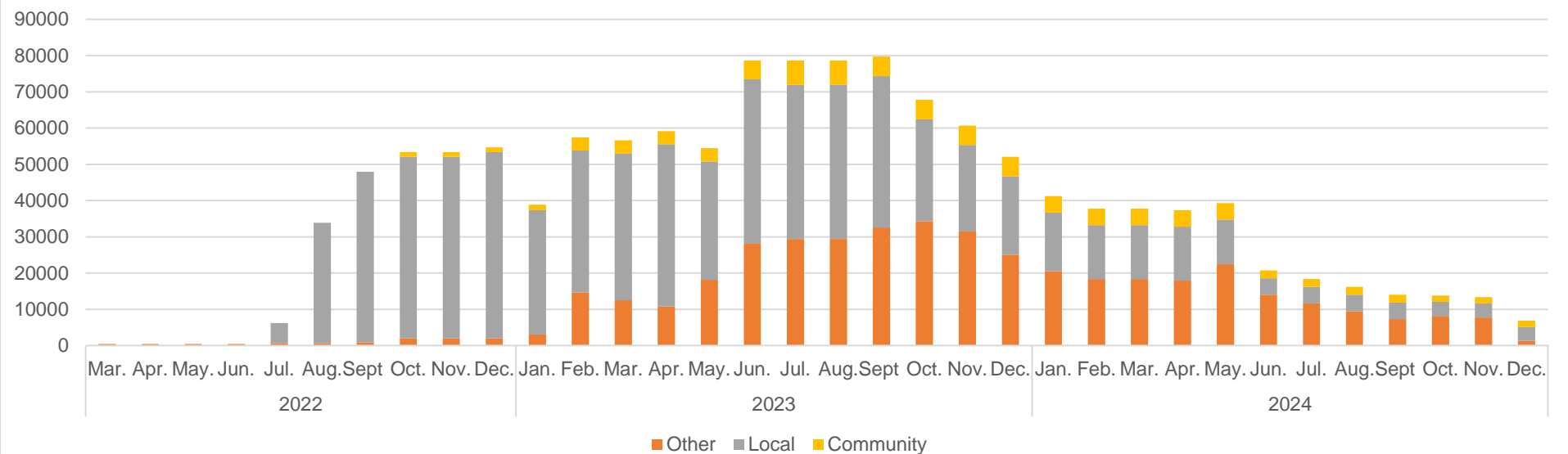
Sub-contractor
Local Employees vs
Community Employees

Terminal Management Staff Estimated Manhour

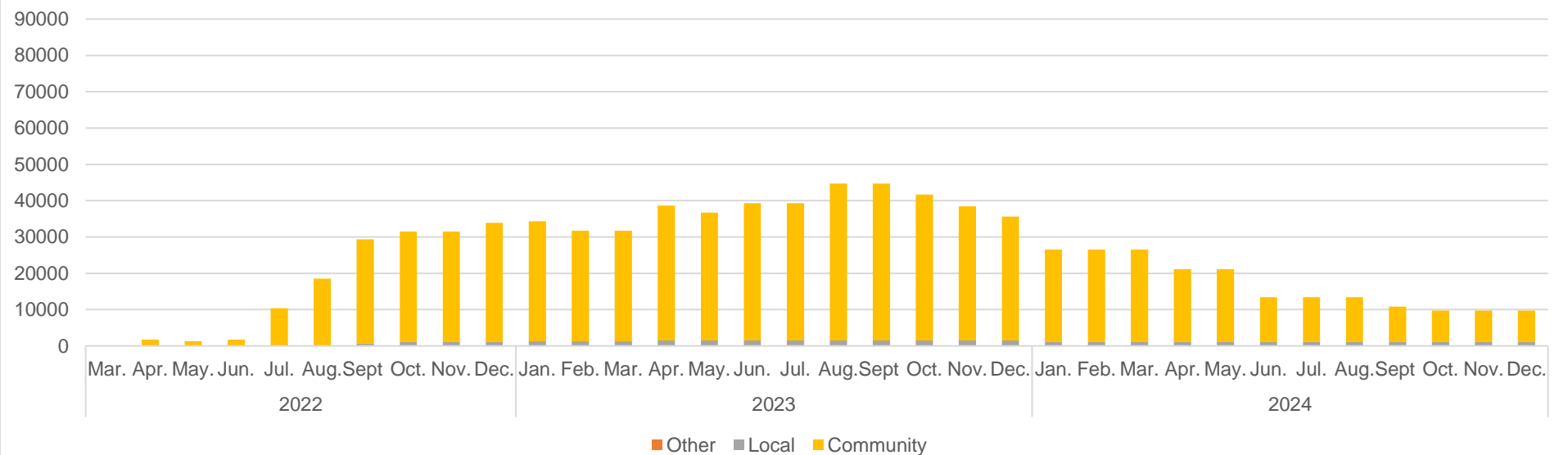


LOCAL EMPLOYMENT / MOBILIZATION PLAN IN THE LOCATION

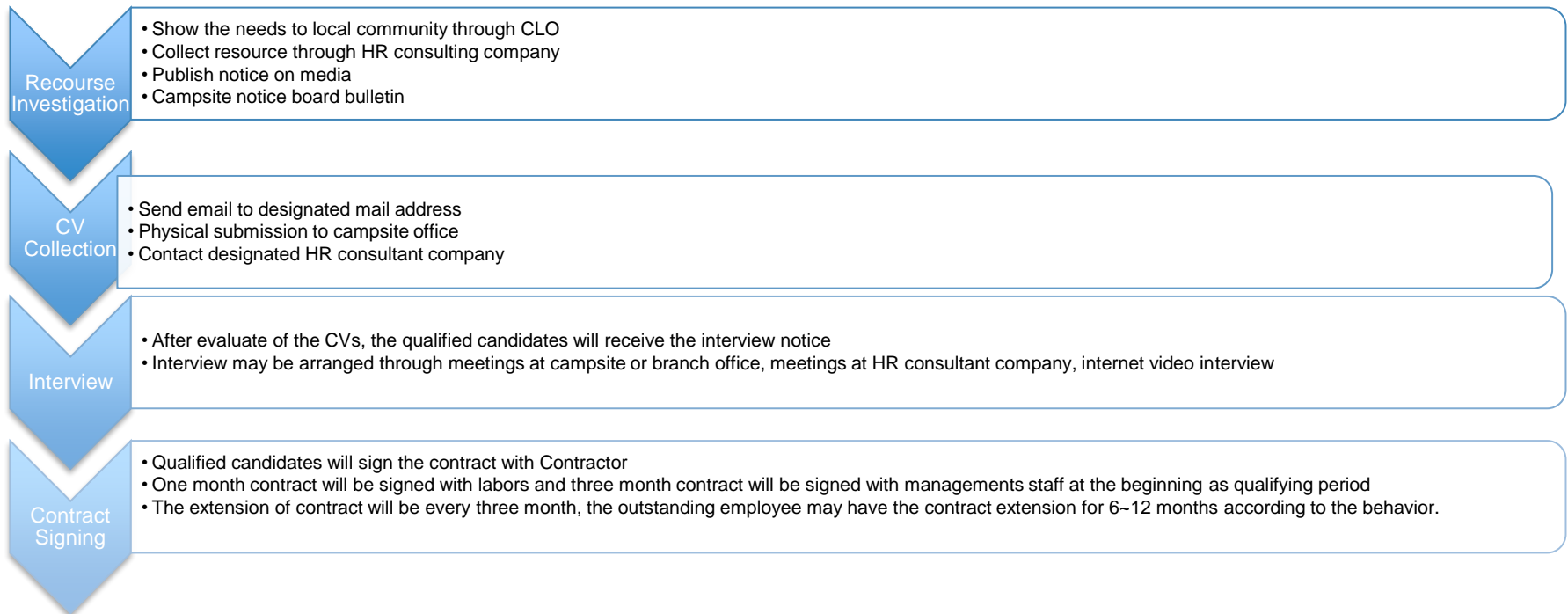
Technical Staff Estimated Manhour



Other Staff Estimated Manhour



RECRUITMENT PROCESS



SKILLSETS TANZANIANS

Needs of Local Employees for Non-management Team

Job title	Estimated Nb	Job title	Estimated Nb
Labor	135	Doctor	2
Welder	28	Nurse	2
Riveter	9	Cleaner	28
Torch Cutting Worker	13	Kitchen Helper	12
Rigger	16	Cook	4
Equipment Operator	16	Night Guard	3
Coating Worker	35	Campsite Maintenance Man	4
Insulation Worker	15	Equipment Maintenance Man	7
Instrument Installation Worker	3	Driver	10
PVC Pipe Installation Worker	12		
Pipe Fitter	8		
Electrician	7		
Communication System Worker	6		

SKILLSETS TANZANIANS

Needs of Local Employees for Management Team

Job title	Estimated Nb	Job title	Estimated Nb
Local Tendering Management	1	Community Liason Officer	2
Planning & Control	1	Financial Management	1
Procurement Engineer	1	Tax Management	1
QC Engineer (Civil)	1	Civil Engineer	1
H3SE Trainer	1	Document Contorler	1
Social & Environment Expert	1	Warehouse Management	1
Social & Environment Officer	1		
Security Supervisor	1		
HR Manager	1		
Local Employee Management	1		
Translator (Swahili-English)	1		
Administration Management	1		
Community Relationship Coordinator	1		

RESERVED CONTRACTS

- Transportation
- Security
- Foods and beverages
- Hotel accommodation and catering
- Office supplies
- Fuel supply
- Land surveying
- Crane hire other than specialized construction equipment
- Locally available construction materials
- Civil works
- Communication services
- Waste management

LOCAL GOODS/SERVICE AND PROCUREMENT PLAN

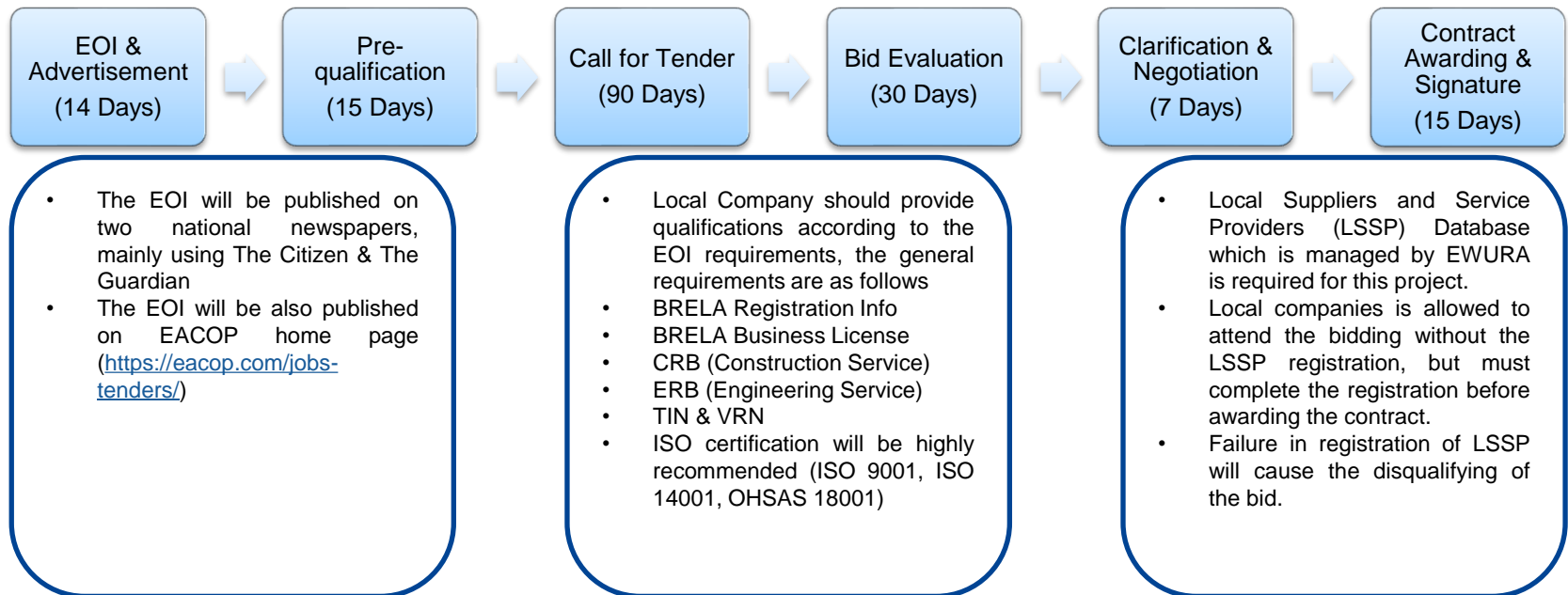
Services Required in Local Market

Job title	Estimated Time of Initial EOI
Civil & Building Subcontractor	2022 Q2
Security Service	2022 Q2
Medical Service	2022 Q2
Geotechnical Survey	2022 Q1
Bio-diversity Pre-construction Survey	2022 Q2
NDT Service	2022 Q3
Waste Disposal	2022 Q2
Pest Control	2022 Q3
Equipment & Vehicle Rental	2022 Q3
Labor & HR Service	2022 Q3
Internet Service Provider	2022 Q2

LOCAL GOODS/SERVICE AND PROCUREMENT PLAN

Goods	Unit	Estimated Nb	Estimated Time of Initial EOI
Furniture & Accommodation Goods	Set	Over 5000	2022 Q2
Metallic Products	Ton	Over 1200	2022 Q4
Hand Tools	Set	Over 800	2022 Q3
Paints	Liter	Over 1900	2023 Q3
Electrical Equipment	Set	Over 200	2022 Q2
Gas for Construction	Cylinder	Over 8000	2022 Q3
Argon	Cylinder	Over 700	2022 Q3
Cable	Meter	Over 15000	2022 Q3
Fire Fighting Equipment	Set	Over 50	2022 Q2
Personal Protection Equipment (PPE)	Set	Over 15000	2022 Q2
Food	Meal	Over 30000	2022 Q2
Diesel & Lubricants	Liter	Over 6 Million	2022 Q2
Bulk Material (Sand, Cement, Graval)	Ton	Mass	2022 Q2

CALL FOR TENDER PROCESS



CONTACT DETAILS



Daqing Oilfield Construction Group Co., LTD

- *Address: Dongxing China Garden, Msasani, Dar Es Salaam, Tanzania*
- *Contact Name: Chu, Dayong*
- ***Email: PQ@DOCGI.CN***
- ***Phone Number: +255 759 799 335***





EAST AFRICAN
**CRUDE OIL
PIPELINE**



DOCG

**ASANTE
WEBALE
THANK YOU
MERCI
謝謝**



EACOP PROJECT IN TANZANIA

TEAM - TotalEnergies East Africa Midstream,
Mwasani Peninsula, 429 Mahanda Road, Block D,
P.O. Box 38568, Dar es Salaam-Tanzania.
Tel: 0800 780 068 (Toll free) or +255 22 2214100/4102/4103
Email: EACOP.info@totalEnergies.com
Website: www.eacop.co.tz

EACOP PROJECT IN UGANDA

TEAM - TotalEnergies East Africa Midstream, Course View Towers,
Plot 21, Yusuf Lule Road,
P.O. Box 34867, Kampala-Uganda
Tel: 0800 216 500 (Toll Free) or +256 (0) 204 916 000
Email: EACOP.info@totalEnergies.com