Forward Work Plan

(October 2020)

A Joint Venture between Chiyoda, McDermott and Saipem

CCS JV is a joint venture (consortium) between two large leading companies in this Oil&Gas industry sector - Saipem and McDermott (formerly CB&I).

CCS JV is an onshore construction enterprise nominated by TOTAL for the LNG Project in Mozambique.

With its offices in Maputo, currently with more than 100 Mozambican direct employees.

What is a forward work plan?

A plan designed to inform the local market about future opportunities to provide Goods and Services for the Installation of Onshore Construction in Cabo Delgado. The same plan includes:

- Scope of Work
- Estimated contract value (shown as a range)
- Early date of the Proposal (estimate)
- HSEQ standards
- Technical Standards and/or Brands

Available on the **CCS JV website CCSJV.com as well as on MzLNG.com**

It is a “LIVE” document, which means:

- It is indicative at this stage; and
- It will be updated as the detailed planning progresses.

Logistics

Due to the current road safety situation in Palma, the transport of goods/ products is facing some constraints, which need specific management.

Freight transport to Afungi

- CCS JV subcontractors may have vessels transporting trucks from Pemba to Afungi.
- The vessel's schedule must be well prepared as far in advance as possible. CCS JV subcontractors should contact the Logistics Department for this.
- Suppliers of CCS JV Subcontractors (further along the supply chain) will have to coordinate with their own Customers who, in turn, will make contact with CCS JV.

Logistics

Drivers quarantine process

- Currently, drivers do not quarantine, they dispatch the trucks in the barge from Pemba and it goes straight to the port of Afungi. Drivers stay in Pemba waiting for the trucks to return. Trucks that are unable to get on the barge right away are parked at the former Mozambique LNG shipyard in Pemba awaiting the next shipment to the barge.

Delivery logistics (waiting time) VS Costs

- An interval of 10 days is given for this possible stop of the trucks and the values are already included in the financial proposal. Note that Subcontractors must estimate these costs in advance and include them in the financial proposal.

Opportunities (CCS JV)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Specialized recruitment' services	Mozambique/ Maputo - Afungi	100,000.00 - 1,000,000.00	along the project	N/A
Supply of office equipment	Mozambique/ Maputo - Afungi	50,000.00 - 100,000.00	Ongoing	N/A
Supply of office consumables	Mozambique/ Maputo - Afungi	100,000.00 - 300,000.00	Q4 2020	N/A
Project signs and HSE signs	Afungi, Cabo Delgado	> 1,000.00	Several orders	N/A
Road signs	Afungi, Cabo Delgado	> 10,000.00	Several orders	N/A
Toilets/ smoking shelters	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q4 2020 & to come	N/A

Opportunities (CCS JV)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Street Lighting	Afungi, Cabo Delgado	100,000.00 - 300,000.00	Q1 2021	N/A
Communication and IT	Afungi, Cabo Delgado	100,000.00 - 300,000.00	Q4 2020 & to come	N/A
Supply of eletrical cables	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Several orders	IEC
Supply of electrical material	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q4 2020 - Q1 2021	IEC
Supply of electrical tools	Afungi, Cabo Delgado	1,000.00 - 5,000.00	Several orders	IEC/ CE Marking
Supply of consumables for electric tools (Electric Drills, Grinding Discs, SWAZALL Blades)	Afungi, Cabo Delgado	5,000.00 - 100,000.00	Several orders	CE Marking / ANSI Standard

Opportunities (CCS JV)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Portable compressors and power supply	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q1 2021 and to come	IEC / CE Marking
Generators - 15kva & 100kva	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q1 2021 and to come	CE Marking / ANSI Standard
Supply of construction items (forms, nails, etc)	Afungi, Cabo Delgado	1,000.00 - 5,000.00	Several orders	CE Marking / ANSI Standard
Supply of hand tools and equipment	Afungi, Cabo Delgado	1,000.00 - 5,000.00	Several orders	CE Marking / ANSI Standard
Supply of welding equipment (mma, mig, tig, saw, automatic)	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q1 - Q2 2021	IEC
Supply of welding consumables (templestick electrodes, propane tips, acetylene tips, standard cutting torch, oxy / acetylene / propane hose)	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q1 - Q2 2021	CE Marking / ANSI Standard

Opportunities (CCS JV)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Supply of fuel	Afungi, Cabo Delgado	> 1,000,000.00	Q4 and more to come	not applicable
Supply of lubrificants (oils, lubs compounds)	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q4 and more to come	ASTM
Fittings (flanges)	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q2 2021	CE Marking / ANSI Standard / International Safety Equipment Association
Piping (pvc or metal) for camps	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q4 and more to come	CE Marking / ANSI Standard / International Safety Equipment Association
Miscellaneous steel fabrication (manufacture of small supports and assemblies for temporary site installations and small buildings)	Afungi, Cabo Delgado	50,000.00 - 100,000.00	Q1 2021	ISO 9001 ISO 14001 ISO 45001 ANSI & ASTM

Opportunities (CCS JV)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Dust protection mask	Afungi, Cabo Delgado	1,000.00 - 5,000.00	Ongoing	CE Marking / ANSI Standard / International Safety Equipment Association
Filters and respirators	Afungi, Cabo Delgado	1,000.00 - 5,000.00	Ongoing	CE Marking / ANSI Standard / International Safety Equipment Association
Supply of Personal protective equipment	Afungi, Cabo Delgado	1,000.00 - 5,000.00	Q2 2021	Miller Safety Harness
Supply of camp acessories (televisions, television mounting brackets, bed bases, mattresses, tv cables, shelves, bedside lamps, bedside tables, etc.)	Afungi, Cabo Delgado	about 10,000.00	Q4 and more to come	CE Marking / Sistema de gestao ISO
Supply of camp items (soap, rolls of toilet paper, blankets, bedding, towels, mosquito nets, lamps, pillows, rugs, etc.)	Afungi, Cabo Delgado	10,000.00 - 100,000.00	along the project	CE Marking / Sistema de gestao ISO

Opportunities (CCS JV)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Provision of testing, inspection and certification services (work, equipment and materials to complement the on-site qa / qc program, including x-rays, ut, surface tests, etc.)	Afungi, Cabo Delgado	50,000.00 - 100,000.00	Q4 and more to come	ISO e ASTM Standards
Provision of laboratory analysis services (labor, equipment, materials and external installations to perform metallurgical analysis on construction materials, mobile lab)	Afungi, Cabo Delgado	> 1,000,000.00	Q1 2021 and more to come	ISO e ASTM Standards
Courier services (for Maputo's office and project area. Express service of handling and delivery of documents and cargo)	Mozambique/ Maputo - Afungi	10,000.00 - 50,000.00	Along the project	Must have ISO Compliant HSEQ Management Systems
Cargo transportation services within the Afungi project area	Afungi, Cabo Delgado	500,000.00 - 5,000,000.00	Ongoing	Must have ISO Compliant HSEQ Management Systems
Cargo transportation services to/from Nacala, Maputo and throughout Mozambique.	Mozambique/ Maputo - Afungi	500,000.00 - 5,000,000.00	Ongoing	Must have ISO Compliant HSEQ Management Systems

Opportunities (CCS JV)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Supply of Personal protective equipment	Mozambique/ Maputo - Afungi	10,000.00 - 500,000.00	Ongoing	Miller Safety Harness
Paints and painting materials	Afungi, Cabo Delgado	100,000.00 - 500,000.00	Q1 2021 and more to come	N/A
Welding gas cylinders	Afungi, Cabo Delgado	> 100,000.00	Q1 2021 and more to come	N/A
Hard wood	Afungi, Cabo Delgado	100,000.00 - 500,000.00	Q3 - Q4 2021	N/A
Medical consumables	Afungi, Cabo Delgado	10,000.00 - 50,000.00	Q4 and more to come	Registration at MISAU & Ministry of Commerce
Vehicles	Afungi, Cabo Delgado	350,000.00 - 500,000.00	Q4 and more to come	N/A
Hotels and accomodation camps	Maputo, Palma and Pemba	100,000.00 - 1,000,000.00	Q4 and more to come	N/A
Translation services	Maputo	1,000.00 - 50,000.00	Q1 and more to come	N/A
Equipment ans vehicles spare parts	Afungi, Cabo Delgado	> 500,000.00	Q1 and more to come	N/A

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CCS JV Subcontractors

GARDAWORLD ifs International Facilities Services RENCO DORCE WBHO ZAGOPE ENH Bonatti MCC LDA MANUTENÇÃO E CONSTRUÇÃO CIVIL, LDA

Camp Management - Agriculture and livestock for catering

- With offices in Maputo;
- Largest provider of catering services in remote sites;
- About 1340 workers, where 1300 are Mozambicans.

International Facilities Services

Opportunities (Subcontractor: IFS)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Fresh Fruit	Afungi, Cabo Delgado	56,000.00	Q3 2020 - Q3 2021	Quality & food safety Manangement system
Fresh Vegetables	Afungi, Cabo Delgado	80,000.00	Q3 2020 - Q3 2021	Quality & food safety Manangement system
Rice	Afungi, Cabo Delgado	100,000.00	Q3 2020 - Q3 2021	Reputable brand
Frozen Protein	Afungi, Cabo Delgado	600,000.00	Q3 2020 - Q3 2021	HACCP / ISO 22000
Bottled Water	Afungi, Cabo Delgado	280,000.00	Q3 2020 - Q3 2021	HACCP / ISO 22000
Bread Flour	Afungi, Cabo Delgado	80,000.00	Q3 2020 - Q3 2021	Reputable brand

Site Preparation

- Based in Maputo, Palma, a logistics base in Temane and a shipyard in Pemba;
- Mozambican-owned company, with a proven track record of projects carried out in Mozambique;
- Main activities ranging from Engineering services, Acquisition, Construction, Operation and maintenance and production of wells.

Opportunities (Subcontractor: ENHL Bonatti)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Purchase of civil and various material	Palma	156,672.00	Q3 - Q4 2020	ISO 9001 ISO 14001 ISO 18001
Bus rental	Palma	99,192.00	Q3 - Q4 2020	ISO 9001 ISO 14001 ISO 18001
Equipment rental	Palma	1,042,255.00	Q3 - Q4 2020	ISO 9001 ISO 14001 ISO 18001
Logistic and transportations	Palma	243,200.00	Q3 - Q4 2020	ISO 9001 ISO 14001 ISO 18001
Catering	Palma	531,508.00	Q3 - Q4 2020	ISO 9001 ISO 14001 ISO 18001
Security Services	Palma	331,841.00	Q3 - Q4 2020	ISO 9001 ISO 14001 ISO 18001

Consortium between Renco, Dorce & WBHO

Camp Construction for 9500 people

- With offices in Pemba;
- Engineering work, procurement and construction of an accommodation camp for 9500 workers located in Afungi within the DUAT area.

RENCO spa DORCE WBHO

Opportunities (Consortium Renco, Dorce, WBHO)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Truck Transportation - Route: Maputo-Pemba, Maputo-Palma, Johannesburg-Palma, Nacala-Pemba/Palma, Beira-Pemba/Palma	Mozambique	587,305.00	Q4 2020	International Standards - Industry best practices - Insurances
Concrete reinforcing iron bars (ex works Nacala, Beira, Pemba or Maputo)	Mozambique	1,174,610.00	Q4 2020	International Standards - Industry best practices - Insurances
PVC and other Piping (ex works Nacala, Beira, Pemba, Maputo)	Mozambique	587,305.00	Q4 2020	International Standards - Industry best practices - Insurances
Wood for construction (ex works Pemba)	Pemba	293,652.50	Q4 2020	International Standards - Industry best practices - Insurances
Certification and re-certification services (Pemba and Afungi)	Afungi/ Cabo Delgado	58,730.50	Q4 2020	International Standards - Industry best practices - Insurances
Personnel Training Services (Pemba)	Pemba	58,730.50	Q4 2020	International Standards - Industry best practices - Insurances

Opportunities (Consortium Renco, Dorce, WBHO)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Supply of Electrical cables	Afungi/ Cabo Delgado	587,305.00	Q4 2020	International Standards - Industry best practices - Insurances
HVAC and copper Piping and connection (ex works Nacala, Beira, Pemba, Maputo)	Afungi/ Cabo Delgado	1,174,610.00	Q4 2020	International Standards - Industry best practices - Insurances
Water and other Pumps (ex works Nacala, Beira, Pemba, Maputo)	Afungi/ Cabo Delgado	1,174,610.00	Q4 2020	International Standards - Industry best practices - Insurances
Electro and small equipment (ex works Nacala, Beira, Pemba, Maputo)	Afungi/ Cabo Delgado	117,461.00	Q4 2020	International Standards - Industry best practices - Insurances
Supply of various construction materials	Afungi/ Cabo Delgado	234,922.00	Q4 2020	International Standards - Industry best practices - Insurances
Supply of Personal protective equipment	Afungi/ Cabo Delgado	176,191.50	Q4 2020	International Standards - Industry best practices - Insurances
Mechanical Spare Parts and workshop consumables (ex works Nacala, Beira, Pemba, Maputo)	Afungi/ Cabo Delgado	117,461.00	Q4 2020	International Standards - Industry best practices - Insurances

Training Center' Construction

- With offices in Maputo Province;
- MCC (Maintenance and Civil Construction) 100% Mozambican company, with its headquarters in Maputo Province;
- About 350 Mozambican workers.

MANUTENÇÃO E CONSTRUÇÃO CIVIL, LDA

Opportunities (MCC)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Furniture Supply	Afungi/ Cabo Delgado	100,000.00	Q2 2020	ISO 9001
Communication and IT	Afungi/ Cabo Delgado	20,000.00	Q2 2020	ISO 9001
Eletrical material	Afungi/ Cabo Delgado	30,000.00	Q2 2020	ISO 9001
Floor tiles supply	Afungi/ Cabo Delgado	50,000.00	Q2 2020	ISO 9001
Sanitary ware	Afungi/ Cabo Delgado	50,000.00	Q2 2020	ISO 9001
HVAC	Afungi/ Cabo Delgado	50,000.00	Q2 2020	ISO 9001
Aluminium doors and windows supply	Afungi/ Cabo Delgado	40,000.00	Q2 2020	ISO 9001

MANUTENÇÃO E CONSTRUÇÃO CIVIL, LDA

Batch plant and temporary building

- With offices in Maputo, and Mueda.
- A Company with extensive experience in Mozambique; carried out the design and rehabilitation of 230km of the N380, R762, R775 and R1260 roads between Mueda, Oasse, Mocímboa da Praia, Palma and Namoto in Cabo Delgado Province, Mozambique.
- About 70 workers, of which 60 are Mozambicans.

ZAGOPE

Opportunities (ZAGOPE)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Water borehole construction	Afungi/ Cabo Delgado	170.000,00 - 230.000,00	10/15/2020	N/A
Freight road transportation (Cabo Delgado)	Afungi/ Cabo Delgado	5.000.000,00 - 10.000.000,00	Q4 2020-Q4 2021	N/A
Freight maritime transportation (Cabo Delgado)	Afungi/ Cabo Delgado	5.000.000,00 - 10.000.000,00	Q4 2020-Q4 2021	N/A
Water System (Tanks, pumps, piping)	Afungi/ Cabo Delgado	90.000,00 - 170.000,00	Q4 2020	N/A
Security System - INC. CCTV	Afungi/ Cabo Delgado	250.000,00 - 400.000,00	Q4 2020	N/A
Fencing	Afungi/ Cabo Delgado	25.000,00 - 50.000,00	Q4 2020	N/A
Formowork	Afungi/ Cabo Delgado	10.000,00 - 20.000,00	Q4 2020	N/A

ZAGOPE

Opportunities (ZAGOPE)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Rebar	Afungi/ Cabo Delgado	25.000,00 - 50.000,00	Q4 2020	N/A
LAB Equipment	Afungi/ Cabo Delgado	10.000,00 - 20.000,00	Q4 2020	N/A
Shipping containers	Afungi/ Cabo Delgado	170.000,00 - 230.000,00	Q4 2020-Q4 2021	N/A
COVID-19 Protective equipment, tests	Afungi/ Cabo Delgado	25.000,00 - 50.000,00	Q4 2020-Q4 2021	N/A
Electrical panels and transformers supply & installation	Afungi/ Cabo Delgado	4.000.000 - 6.000.000,00	Q3 2020	N/A
HV Cables	Afungi/ Cabo Delgado	500.000,00 - 700.000,00	Q3 2020	N/A
Electricals and telecom cables supply	Afungi/ Cabo Delgado	680.000,00 - 750.000,00	Q3 2020	N/A
Water pumps and distribution system supply & installation	Afungi/ Cabo Delgado	750.000,00 - 1.250.000,00	Q4 2020-Q4 2021	N/A

ZAGOPE

Security Services

- With offices in Maputo, Palma, Pemba;
- A global leader in security services, with a team of highly qualified and experienced professionals to protect its customers' businesses, employees and assets;
- Provision of Surveillance, Response Vehicles and K9 Services;
- About 1300 employees, 400 of whom in the DUAT area.

Opportunities (GardaWorld)

GOOD & SERVICE DESCRIPTION	REGION	ESTIMATED VALUE (USD)	ESTIMATED DATE TO SUBMIT EOIs	HSEQ STANDARDS
Security Services - Maritime	Afungi, Cabo Delgado	1,000,000.00	Ongoing	N/A
Security Services – Quarantine Camps	Afungi, Cabo Delgado	100,000.00	Ongoing	N/A
Security Services	Afungi, Cabo Delgado	100,000.00	Ongoing	N/A

Final Considerations

- Both CSS JV and its Subcontractors will publish their tenders through the following means:

  - CCS JV website (ccsjv.com)

  - Jornal Notícias and / or Savana

  - Club Of Mozambique digital platform

- In this assumption, all suppliers of goods and services are recommended to be attentive to the different means of communication in order to participate in possible business opportunities.

Contacts

For any additional questions and/or clarifications, please contact:

Company	Name	Email
CCS JV	Cristiana Langa	Cristiana.langa@ccsjv.com
IFS	Julio De Lemos	juliodl@ifsafrica.com
ENHL Bonatti	Mario Volpe	Mario.volpe@bonatti.it
RENCO	Guido Vivarelli	Guido.vivarelli@renco.it
MCC	Alcidio Nhapossa	Alcidio.Nhapossa@mcc.co.mz
ZAGOPE	N/A	Procurement.mozambique@zagope.pt
GARDA WORLD	Mike Gibson	Mike.Gibson@garda.com