

WEEKLY REPORT No. 009
September 14th to 18th, 2020

PROJECTS:

PO No. TPS 20-006 TERMOPUERTOSOLO 2 - BUENAVENTURA, TRANSMISSION LINE 115kV AND POWER ELECTRICAL SUBSTATION SE TABOR

PO No. TS1 20-009 TERMOSOLO 1 - PALMIRA, TRANSMISSION LINE 230kV AND POWER ELECTRICAL SUBSTATION SE SAN MARCOS

1. PURPOSE

The purpose of this document is to report to Client Upper Management the current weekly progress related with the projects:

- TERMOSOLO 2 BUENAVENTURA, TRANSMISSION LINE 115kV AND POWER ELECTRICAL SUBSTATION SE TABOR.
- TERMOSOLO 1 PALMIRA, TRANSMISSION LINE 230kV AND POWER ELECTRICAL SUBSTATION SE SAN MARCOS.

2. ABBREVIATIONS

- TERMOPUERTO SOLO 2 – TS2
- POWER ELECTRICAL SUBSTATION TS2 – SE2
- POWER ELECTRICAL SUBSTATION TABOR 115kV, CELSIA EPSA TO RECEIVE TL2 – SE TABOR
- TERMO SOLO 1 – TS1
- POWER ELECTRICAL SUBSTATION TS1 – SE1
- POWER ELECTRICAL SUBSTATION SAN MARCOS 230kV, ISA TO RECEIVE TL1 – SE SAN MARCOS
- TRANSMISSION LINE 1 FROM TS1 TO SE SAN MARCOS – TL1
- TRANSMISSION LINE 2 FROM TS2 TO SE TABOR – TL2
- MOTA-ENGIL – ME
- SCOPE OF WORKS – SoW
- RFP PACKAGE No. CC03-AA-SOH-RFP-107-8003. POWER ELECTRICAL FOR 115 kV TRANSMISSION LINES AND ELECTRICAL SUBSTATIONS ENGINEERING, PROCUREMENT, CONSTRUCTION, INSTALLATION, COMMISSIONING, AND START-UP (EPCIC/S) SERVICES – RFP EPC 115kV
- RFP PACKAGE No. CC05-AA-SOH-RFP-107-8005. POWER ELECTRICAL FOR 230 kV TRANSMISSION LINES AND ELECTRICAL SUBSTATIONS ENGINEERING, PROCUREMENT, CONSTRUCTION, INSTALLATION, COMMISSIONING, AND START-UP (EPCIC/S) SERVICES – RFP EPC 230kV
- EPA - ESTABLECIMIENTO PUBLICO AMBIENTAL DE BUENAVENTURA.
- ISA – ISA INTERCOLOMBIA HIGH VOLTAGE NATIONAL TRANSMISSION SYSTEM OPERATOR.
- CC-SKC – CARTON COLOMBIA SMURFIT KAPPA COLOMBIA
- CON – CONCEJO NACIONAL DE OPERACION

3. POINTS OF ATTENTION

3.1 TS2 – LT2 – SE2 – SE TABOR – BUENAVENTURA

- Receive the cost estimate associated with the environmental studies in EPA and to be ready for the payment transactions. The cost is estimated in US\$ 60.000.
- ME confirmed to submit proposal by mid October 2020 for the RFP EPC 115kV.

3.2 TS1 – LT1 – SE1 – SE SAN MARCOS – YUMBO

- Considering the new alignment from LTS-5 to LTS-8, the EIA will be submitted to ANLA on Oct 12th if some conditions are completed.
- ME confirmed by email that they will submit the proposal for the storage and truck loading facilities on Sep 21st.
- ME has not confirmed the date of submission of the proposal for the RFP EPC 230kV.

4. CURRENT STATUS

4.1 WARTSILA EPC POWER PLANT

4.1.1 TS-2.

- It is pending to receive the comments from ME for the interface excel file and to schedule the next meeting for discussion. The information received from Wartsila was submitted to ME Sep 11th.
- It is still pending to receive from Wartsila:
 - The requirements for the power platform and substructures reception.
 - Vibration condition of the engines.
 - The water flow and pressure at the interconnection point of the treated water.
 - The updated layout applicable for the power plant to include it in the power platform.
- It is important to analyze when the access to the power plant platform will be completed and if the platform size is adequate for the laydown required by Wartsila, if this could not be granted, Wartsila should consider the laydown area in their proposal.

4.1.2 TS-1.

Once the interface list for TS-2 has been closed, the same exercise should be completed for TS-1.

4.2 O&M POWER PLANT CONTRACT

- It is pending to request more information about O&M strategy with SeaOne.

4.3 CQS - EASEMENT NEGOTIATION

4.3.1 TS-2.

- TL2. Poles 1 to 7. No comments under control.
- TL2. Pole 6 to 7 permit over the El Piñal Bridge and Calle 6 to be obtained with INVIAS. This activity is scheduled to be executed during October and November, 2020.

- TL2. Pole 7 underground to SE Tabor. Easement permit for underground route to be obtained with INVIAS. This activity is scheduled to be executed during October and November, 2020.
- TL2 inside El Tabor Power Electrical Substation permit and easement is included in the interconnection agreement.

4.3.2 TS-1.

- On Sep 16th, SeaOne authorized in writing CQS to submit communications and start conversations on behalf of SeaOne for easements.
- On Sep 18th, the new alignment over LTS-5 to LTS-8 was submitted by email to CC-SKC with the request for the environmental field works and soil studies permit.
- It is pending to confirm if the list of reference prices was completed on past August.
- Appraisal of the easement and towers/poles sites will be performed during October 2020 first week. Land survey information was submitted to CQS on Sep 2nd.
- Negotiations will start once the appraisal of the easements has been completed.
- Negotiations scope of works should be include in a PO to CQS.

4.4 PERMITTING

- Permit action tracking document developed by team and weekly populated in order to identify all permits for the project.
- Permits weekly meeting is scheduled every Tuesday afternoon.
- On Sep 15th it was requested to ME to inform of EPC Port contract about:
 - Area of disposal. Determined to dump in a specific area; confirmed the locations authorized by EPA.
 - For the EPC Port Contract and the “giros ordinarios”, the 1% compensation plan establish to submit information of the CAPEX for the following: Civil Works, Acquisition and rental of machinery / equipment to be used.
 - Plan to ensure that marine authorizations are going to be in place (small boats, register all vessels in order to operate, etc).

ME confirmed at the contract has not been signed and the information is not available at the moment.

4.5 GERS - TRANSMISSION LINE (TL) AND POWER ELECTRICAL SUBSTATIONS (SE)

4.5.1 SE2 + LT2 + SE TABOR.

- Pole 7 - SE Tabor. Pole 7 to SE Tabor, underground crossing and outcrop in SE Tabor bay engineering designs was completed on Sep 17th.
- SE Tabor pending information engineering designs was completed on Sep 17th.

4.5.2 SE1 + LT1 + SE SAN MARCOS 230kV.

- Aero photogrammetry works were executed in the new route from LTS-5 to LTS-8 during current week.
- Lidar drone survey over LTS-5 to LTS-8 to be executed once acceptance of the alignment is confirmed by CC-SKC.
- SE San Marcos. Engineering progress 0%.

- Soil studies for TL1.
 - TLS-1 to TLS-4. Total: 4 sites. Completed with Diego Yepes support.
 - TLS-5 to TLS-8. Total: 5 sites. In CC-SKC pending permit access.
 - TLS-9 to TLS-16. Total: 8 sites. The cane cultivation status is required of each site to confirm with Owner if it is possible to execute drilling.
 - TLS-17 to TLS-21. Total: 5 sites. Completed with Diego Yepes support.
 - TLS-22 to TLS-24. Total: 3 sites. To be confirmed if completed.
- During September 2020, GERS will be completing reference deliverables for RFP EPC 230kV.

4.6 RFP EPC 115kV (SE2 + LT2 + SE TABOR)

- ME proposal was not received by Sep 11th.
- ME confirmed to submit proposal by mid October 2020.
- IA Ingenieros Asociados was invited to the bid process and the meeting for clarification of the scope of works was performed on Sep 11th.
- It is suggested to invite to this process other bidders as JE Jaimes, Electricas de Medellin and Union Electrica. The more bids SeaOne receive, the more options to take decisions in benefit of the project schedule. Other option is to suggest ME to use one of the bidders for the works execution.
- ME questions for the process were answered on Sep 16th.

4.7 RFP EPC 230kV (SE1 + LT1 + SE SAN MARCOS)

- IA Ingenieros Asociados questions for the process were answered on Sep 17th.
- IA Ingenieros Asociados confirmed that they could submit a proposal in October 14th to 30th.
- JE Jaimes, Electricas de Medellin and Union Electrica signed the NDA by the end of current week. The clarification meeting for the process is going to be developed early next week with these three bidders.
- GERS is working in some preliminary technical information to be included in this RFP, for LT1 and SE SAN MARCOS. The information is scheduled to be received during September. The strategy is to push in order to receive deliverables each week.

4.8 MOTA-ENGIL (ME) TS1 SUPPORT INFRASTRUCTURE

- ME confirmed on Sep 4th, they will submit the proposal on Sep 21st.

4.9 AQUA Y TERRA / AYT – ENVIRONMENTAL LICENSING

4.9.1 TS-2 Pole 7 to El Tabor Bay Line.

- The response from ICANH - Instituto Colombiano de Antropologia e Historia has not been received at the moment.
- The second stage for the socialization with the communities in Buenaventura will be performed during next days. The presence of EPA Director for this activity is required.
- The preliminary settlement expenses for the EIA to be issued by the Financial Department of EPA. This is an ongoing activity to be closed.

- SeaOne should be ready for the payment once the settlement expenses is defined by EPA.
- The EIA for the not licensed section of TL2 will be submitted to the environmental authority by 25th to 30th September 2020.

4.9.2 TS-1

- Considering the new alignment from LTS-5 to LTS-8, the EIA will be submitted to ANLA on Oct 12th if the following actions are completed:
 - The PO for the change order to AyT to be signed by SeaOne on Sep 21st.
 - The field works to be executed on Sep 24th to 29th. Access to site should be granted.
 - The response from ICANH - Instituto Colombiano de Antropología e Historia should be received before Oct 12th.
- The project description needs to be adjusted considering the change in the route from LTS-5 to LTS-8. Some technical parameters to be discussed with SeaOne, AyT and SUMED.

4.10 ISA INTERCOLOMBIA INTERCONNECTION AGREEMENT

- It is suggested to close technical and legal comments separately in order to go forward faster. The goal is to close the interconnection contract before the end of October 2020 to inform it as a milestone to UPME and XM.

4.11 ISA INTERCOLOMBIA BOOM (BUILD, OWN, OPERATE AND MANTAIN) PROPOSAL

- The document including the status of the project was submitted to ISA INTERCOLOMBIA on Sep 15th. The clarification of the scope of works meeting was performed on Sep 17th.
- ISA INTERCOLOMBIA did not commit to present a proposal in a term. They will confirm during the next days.
- The BOOM contract term to be confirmed to ISA INTERCOLOMBIA will be 20, 30 or 40 years.
- ISA INTERCOLOMBIA will confirm if any cost of the proposal (most of this is engineering) could be transferred to SeaOne. Conditions to accept or not this will be discussed with SeaOne.
- SUMED recommends to continue with the other bidders to obtain an EPC proposal and have more options for SeaOne decisions. The O&M contract could be included in a different package.

4.12 DECEMBER, 2020 AUDITS REQUIREMENTS FOR TS-1 AND TS-2

- Identify the milestones to be accomplished by the project for the next audit with XM.
- The interconnection agreement with ISA INTERCOLOMBIA should be signed by the end of October 2020.
- The basic engineering for TL1 and SE SAN MARCOS should be completed mid October 2020.

4.13 BACKWARD PLANNING. TS-1 AND TS-2

- If Wartsila requires back feed from grid for Power Plant commissioning activities, a backward planning is required to integrate the schedules of the port, power plant, TLx and SEx.
- The planning should include the time line execution of the applicable procedure in CNO for the COD – Comercial Operation Date declaration established in the Acuerdo 1214 and the EACP – Estudio y Ajuste Coordinacion Protecciones regulation.