

Satellite and Weather Information for Disaster Resilience in Africa

"A Contribution to Disaster Risks Reduction and Climate Resilience"

DESIGN, SUPPLY, INSTALLATION AND MAINTENANCE OF THE PAYLOAD DATA ACQUISITION AND PROCESSING (PDAP) SUB-SEGMENT OF THE SAWIDRA RARS GROUND SEGMENT

Teleconferencing for FAT follow up

N°001/201/SSV/SAWIDRA/ACMAD

| DATE/Time/PERIOD | 06th March 2020, Friday(KST) | | |
|------------------|------------------------------|----------------------------------|--|
| DURATION | Approx. 1hours from 6:00PM | | |
| PLACE | Used the ZOOM | | |
| AGENDA | FAT follow up | | |
| OWNER | SAWIDRA/ACMAD project | | |
| | EUMETSAT | Carlos Cabanas, Vincent Gabaglio | |
| PARTICIPANTS | ACMAD | R. Leon Guy, Ali ABANI | |
| | SOLETOP | Hyong 'Carlos' Ossi, Sam Bang | |

1. Introduction

EUMETSAT, ACMAD and SOLETOP have a meeting on FAT follow up and future progress.

2. Context

SOLETOP shared Agenda the day before the meeting and reviewed the comprehensive progress before installing SGS for the four sites.

SOLETOP will report to EUMETSAT and ACMAD what to do after the completion of FAT in December 2019.

In addition, the conference looks forward to a more stable SAWIDRA project by mutually negotiating methods and plans for current and future progress.

The meeting proceeds as follows;

- General Overview
- FAT follow up
- SITE Preparation and Planning
- RF survey report of Kenya (ICPAC)
- Risk & Issue

- Project schedule

3. Proceedings of the teleconference

| Agenda | Discussion |
|---------------------------------------|--|
| 1. Post-FAT and shipment | Since the FAT Soletop has worked on making shipping arrangements including purchase tools/supplies, packaging and loading. Number of pre-scheduled ship schedule has changed due to unexpected steamship cancellation, route changes. The shipping route to Africa is very different (and difficult) |
| | than other regions we operated on. This will be sorted out and will be made sure from Soletop. This point was explained by Mr. Ossi during the meeting. This was thoroughly understood by ACMAD and EUMETSAT. |
| 2. Receiving at the ports | Spare parts, supplies and ports are now moving toward their respective ports. It is on schedule and have no concerns with the delivery time and with overall project schedule. However, the speed of customs processing is going to affect the final outcome. Based on the progress of site prep and the cargo on site date, installation order is currently ICPAC, SANSA, AGEOS and ACMAD. Mr. Ossi thanked to ACMAD and each regional host who has been actively engaged in this matter with SOLETOP. ACMAD agreed to this plan and will support Soletop during this process. |
| 3. Members for project implementation | Schedules and members arriving at the sites are given through email and explained to the members at ACMAD. The members present during the meeting accepted this and told the process will be dealt smoothly. Local subcontractors has been selected and all contracts have been signed. Mr. Tony Dagbue being a subcon and assistance to David Lee to make all local arrangements and supply needed resources during the construction phase in addition to performing ACMAD, AGEOS civil works. These staff will overlook and make sure all the site prep. Work gets done on time with the quality expected. They will schedule and travel to each site in accordance with cargo arrival. This will be ensured by Soletop and was agreed by ACMAD. |
| 4. SW update | Soletop provided a server to be used with Orbital's test antenna. This has been set up toward the end of January 2020. Coincidently Orbital systems became a victim of ransomware which delayed PinkMatter's access to the machine. However, PinkMatter continue on the development progress without reliable access to the set up. |

| | 0.1% |
|------------------|---|
| | Orbital's ransomware recovery is still not 100% and having connecting issues since the ICT infrastructure had to be rebuilt as new. This unreliability has been somewhat delayed PinkMatter's development process. However, PinkMatter can start to have regular review meetings with Eumetsat. Valeska will initiate this and we will participate. The term "SIT session" is now considered "Review session". Method of "Review session" is really up to PinkMatter as long as 1) M&C system controls all identified components and 2) be able to demonstrate(visualize) the process of products are being generated and distributed. ACMAD has insisted that the software to be ready (or SIT completed) before SAT. |
| | FY processing software availability is reiterated. Carlos C. Immediately contacted their partner after the meeting. Soletop to add forces one the CMA contact in charge is identified. |
| | PinkMatter can contact EUMETSAT/ACMAD freely for any information required for the development. |
| 5. Deliverables | All additional spare parts are loaded into each container except server HDDs. These drives had arrived late missing the steamship but will |
| | be hand carried by David Lee next week. Orbital D-300 demodulator production has delayed and SOLETOP are now looking at delivering them in Q3 2020. This should not be a problem since EPS-SG and FY-3E is not launched. |
| | Soletop will deliver this and swap them with existing HRD200 as soon as it became available. |
| | A wind sensor is on order and Soletop will hand carry it to Kenya prior to the ICPAC installation. |
| | These details were confirmed by Soletop and accepted by ACMAD. |
| 6. Documentation | Soletop reviewed and redone most of pre-FAT documentation and is starting to release them. Quality of Initially released version was accepted. Soletop stated to continue on improving the quality. |
| 7. References | Reference documentation was also done and send through email to ACMAD. |

5. Summary of actions

| No. | Action | Responsible for | Timeline |
|-----|---|-----------------|-------------------------|
| 1 | VAT to be paid by Soletop (Indirect tax will be borne by Soletop under the given tax budget) | Soletop | At the time of shipment |
| 2 | Check 2 nd payment (Soletop has to check the bank account for the receipt of 2 nd payment and | Soletop | 2020.03.09 |

| | acknowledge) | | |
|---|--|---------------------------------|--|
| 3 | Scheduling next teleconference (Project progress to be discussed with respective site managers) | Soletop/ACMAD | TBD |
| 4 | Teleconference with Pinkmatter (FAT follow-up, SIT and training preparations. The overall software development status has to be discussed) | Soletop/EUMET SAT/Pinkmatter | 2020.03.12 |
| 5 | Push CMA together to receive processing package | Soletop/ACMAD /EUMETSAT | ASAP |
| 6 | Changes due to COVID-19 (There are too many changes politically happening in and across Korea. Hence, to be on schedule, Soletop will be on high alert if any slightest change during this process and inform it to ACMAD immediately) | Soletop | To be informed as soon as possible as and when changes happen. |