Akeem,

See CSD below as requested

|  |  |  |  |
| --- | --- | --- | --- |
|  | **2017 $'000** | **2018 $'000** | **2019 $'000** |
| CSD | 402.45 | 2,091.52 | 2,189.12 |

**From:** Adepoju, Akeem A SPDC-UPO/G/PW   
**Sent:** Monday, July 24, 2017 1:44 PM  
**To:** Falaye, Olatunbosun M SPDC-UPO/G/PSI <[Olatunbosun.Falaye@shell.com](mailto:Olatunbosun.Falaye@shell.com)>  
**Cc:** Nwoke, Linus A SPDC-UPO/G/PW <[Linus.Nwoke@shell.com](mailto:Linus.Nwoke@shell.com)>; Wordu, Emmanuel C SPDC-UPO/G/PW <[emma.wordu@shell.com](mailto:emma.wordu@shell.com)>; Akaka, Alphonsus E SPDC-UPO/G/PSI <[alphonsus.akaka@shell.com](mailto:alphonsus.akaka@shell.com)>; Agbaje, Taiwo O SPDC-UPO/G/PSSH <[taiwo.agbaje@shell.com](mailto:taiwo.agbaje@shell.com)>  
**Subject:** RE: BENS-04S\_TUNU-03T\_OPOM-01S Cost Estimate for BI and Cost Breakdown Request for CCB submission.

Dear Tunbosun,

Plan for this project reveals that estimated completion time is End Sept 2017.

Therefore, kindly calculate CSD from Oct 1, 2017.

Regards,

Akeem

**From:** Adepoju, Akeem A SPDC-UPO/G/PW   
**Sent:** Tuesday, July 11, 2017 9:46 AM  
**To:** Falaye, Olatunbosun M SPDC-UPO/G/PSI <[Olatunbosun.Falaye@shell.com](mailto:Olatunbosun.Falaye@shell.com)>  
**Cc:** Nwoke, Linus A SPDC-UPO/G/PW <[Linus.Nwoke@shell.com](mailto:Linus.Nwoke@shell.com)>; Wordu, Emmanuel C SPDC-UPO/G/PW <[emma.wordu@shell.com](mailto:emma.wordu@shell.com)>; Akaka, Alphonsus E SPDC-UPO/G/PSI <[alphonsus.akaka@shell.com](mailto:alphonsus.akaka@shell.com)>; Irem-Oko, Edith C SPDC-UPO/G/PW <[edith.irem-oko@shell.com](mailto:edith.irem-oko@shell.com)>  
**Subject:** FW: BENS-04S\_TUNU-03T\_OPOM-01S Cost Estimate for BI and Cost Breakdown Request for CCB submission.  
**Importance:** High

Tunbosun,

Kindly help calculate CSD for Swamp West IPSC Improvement Project:

* Total Volume from the project = 1871 bopd
* Cost of executing work = $664,578

Thanks in anticipation of your help.

Regards,

Akeem

**From:** Nwoke, Linus A SPDC-UPO/G/PW   
**Sent:** Tuesday, July 11, 2017 9:13 AM  
**To:** Adepoju, Akeem A SPDC-UPO/G/PW <[Akeem.Adepoju@shell.com](mailto:Akeem.Adepoju@shell.com)>; Ayoku, Abbas O SPDC-PTW/O/NG <[abbas.ayoku@shell.com](mailto:abbas.ayoku@shell.com)>  
**Cc:** Agbaje, Taiwo O SPDC-UPO/G/PSSH <[taiwo.agbaje@shell.com](mailto:taiwo.agbaje@shell.com)>; Cookey, Gabriel D SPDC-FUP/OG <[Gabriel.Cookey@shell.com](mailto:Gabriel.Cookey@shell.com)>; Adediran, Adewale M SPDC-FUP/OG <[Adewale.Adediran@shell.com](mailto:Adewale.Adediran@shell.com)>; Okonkwo, Ngozi R SPDC-PTW/O/NG <[ngozi.okonkwo@shell.com](mailto:ngozi.okonkwo@shell.com)>; Wordu, Emmanuel C SPDC-UPO/G/PW <[emma.wordu@shell.com](mailto:emma.wordu@shell.com)>; Maichibi, Meshach C SPDC-UPO/G/PW <[Meshach.Maichibi@shell.com](mailto:Meshach.Maichibi@shell.com)>  
**Subject:** BENS-04S\_TUNU-03T\_OPOM-01S Cost Estimate for BI and Cost Breakdown Request for CCB submission.  
**Importance:** High

Akeem,

Please, find the input to the IPSC Work-stream activities for CSD calculation. The onstream date is projected to be 31st August 2017.

* BENS 4S – PBV Installation: **$237,289** (Net = 519 bopd).
* TUNU 3T – PBV Installation: $237,289 + XMT Valves repair: $10,000 **= $247,289** (Net = 573 bopd).
* OPOM 1S – MV Drilling: **$180,000** (Net = 779 bopd).

**Abbas………. Please, do send to me the cost break down for each of the 3 activities above to enable me to progress the request for fund under Well Integrity GAP Closure Plan and CCB submission. A sample of what is required for each of these wells is as attached.**

Best regards,

Linus.

**From:** Ayoku, Abbas O SPDC-PTW/O/NG   
**Sent:** Friday, July 07, 2017 5:03 PM  
**To:** Nwoke, Linus A SPDC-UPO/G/PW <[Linus.Nwoke@shell.com](mailto:Linus.Nwoke@shell.com)>; Cookey, Gabriel D SPDC-FUP/OG <[Gabriel.Cookey@shell.com](mailto:Gabriel.Cookey@shell.com)>  
**Cc:** Agbaje, Taiwo O SPDC-UPO/G/PSSH <[taiwo.agbaje@shell.com](mailto:taiwo.agbaje@shell.com)>; Adepoju, Akeem A SPDC-UPO/G/PW <[Akeem.Adepoju@shell.com](mailto:Akeem.Adepoju@shell.com)>  
**Subject:** RE: Tunu Node Ageing Deferments

Hi Linus,

We can work with the following rough cost estimates for planning purposes:

* BENS 4S – PBV Installation: $237,289
* TUNU 3T – PBV Installation: $237,289

* **OPOM 1S – MV Drilling: $180,000**
* **TUNU 3T – XMT Valves repair: $10,000**

Thanks,

Abbas

**From:** Ayoku, Abbas O SPDC-PTW/O/NG   
**Sent:** Thursday, June 29, 2017 3:33 PM  
**To:** Onuoha, Chinedu M SPDC-PTW/O/NG <[Chinedu.Onuoha@shell.com](mailto:Chinedu.Onuoha@shell.com)>; Nwoji, Chimere O SPDC-PTW/O/NG <[Chimere.Nwoji@shell.com](mailto:Chimere.Nwoji@shell.com)>; Ivrogbo, Daniel E SPDC-PTW/O/NG <[Daniel.Ivrogbo@shell.com](mailto:Daniel.Ivrogbo@shell.com)>  
**Cc:** Otutu, Friday SPDC-PTW/O/NG <[friday.otutu@shell.com](mailto:friday.otutu@shell.com)>; Williams, Olatunji B SPDC-PTW/O/NG <[olatunji.williams@shell.com](mailto:olatunji.williams@shell.com)>; Abadebenghan, Nelson I SPDC-PTW/O/NG <[Nelson.Abadebenghan@shell.com](mailto:Nelson.Abadebenghan@shell.com)>; Eta, Edirhin O SPDC-PTW/O/NG <[edirhin.eta@shell.com](mailto:edirhin.eta@shell.com)>  
**Subject:** RE: Tunu Node Ageing Deferments

Gents,

Mail below refers.

BENS 4S, OPOM 1S and TUNU 3T (about 2000 bopd) will be removed from the IPSC if they remain on deferment for over 90 days and they may then be considered for AF. The cost of execution is now required to make this decision.

I already got from the W/L team **$237,289 per well for BENS 4S and TUNU 3T PBV installation** remaining that of **OPOM 1S (MV drilling) and TUNU 3T (XMT Valves repair).**

Thanks,

Abbas

**From:** Nwoke, Linus A SPDC-UPO/G/PW   
**Sent:** Thursday, June 29, 2017 11:50 AM  
**To:** Agbaje, Taiwo O SPDC-UPO/G/PSSH <[taiwo.agbaje@shell.com](mailto:taiwo.agbaje@shell.com)>; Ayoku, Abbas O SPDC-PTW/O/NG <[abbas.ayoku@shell.com](mailto:abbas.ayoku@shell.com)>  
**Cc:** Otutu, Friday SPDC-PTW/O/NG <[friday.otutu@shell.com](mailto:friday.otutu@shell.com)>; Umoh, Magdalene M SPDC-UPO/G/DNW <[magdalene.umoh@shell.com](mailto:magdalene.umoh@shell.com)>; Ezeike, Emeka A SPDC-UPO/G/DNW <[Emeka.Ezeike@shell.com](mailto:Emeka.Ezeike@shell.com)>; Wordu, Emmanuel C SPDC-UPO/G/PW <[emma.wordu@shell.com](mailto:emma.wordu@shell.com)>; Oyagbesan, Francis I SPDC-UPO/G/PWU <[francis.oyagbesan@shell.com](mailto:francis.oyagbesan@shell.com)>; Orola, Olabanji O SPDC-UPO/G/PWU <[olabanji.orola@shell.com](mailto:olabanji.orola@shell.com)>; Adediran, Adewale M SPDC-FUP/OG <[Adewale.Adediran@shell.com](mailto:Adewale.Adediran@shell.com)>  
**Subject:** RE: Tunu Node Ageing Deferments  
**Importance:** High

Abbas,

Good morning.

Please, assist to provide cost estimates to fix these 3 candidates as they are mostly well integrity issues. We have an opportunity to fix them now before they are moved out of IPSC.

Treat as urgent and possibly respond before tomorrow’s lunch time so that we can get necessary internal approval and prepare documentation for CCB submission for Monday/Tuesday next week.

**Wale…… These 3 wells have integrity issues and will also be restoring production at same time. Once Abbas come up with cost estimate tomorrow, we will review and decide on the way forward.**

Best regards,

Linus.

**From:** Agbaje, Taiwo O SPDC-UPO/G/PSSH   
**Sent:** Thursday, June 29, 2017 11:38 AM  
**To:** Nwoke, Linus A SPDC-UPO/G/PW <[Linus.Nwoke@shell.com](mailto:Linus.Nwoke@shell.com)>  
**Cc:** Otutu, Friday SPDC-PTW/O/NG <[friday.otutu@shell.com](mailto:friday.otutu@shell.com)>; Ayoku, Abbas O SPDC-PTW/O/NG <[abbas.ayoku@shell.com](mailto:abbas.ayoku@shell.com)>; Umoh, Magdalene M SPDC-UPO/G/DNW <[magdalene.umoh@shell.com](mailto:magdalene.umoh@shell.com)>; Ezeike, Emeka A SPDC-UPO/G/DNW <[Emeka.Ezeike@shell.com](mailto:Emeka.Ezeike@shell.com)>; Wordu, Emmanuel C SPDC-UPO/G/PW <[emma.wordu@shell.com](mailto:emma.wordu@shell.com)>; Oyagbesan, Francis I SPDC-UPO/G/PWU <[francis.oyagbesan@shell.com](mailto:francis.oyagbesan@shell.com)>; Orola, Olabanji O SPDC-UPO/G/PWU <[olabanji.orola@shell.com](mailto:olabanji.orola@shell.com)>  
**Subject:** Tunu Node Ageing Deferments

Linus,

As per the discussions at the DPR meeting this morning, please find below status of ageing wells in Tunu node for further action.

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Well Code** | **Net Oil Potential** | **Initial Deferment Reason** | **Action Party** | **Def duration, days** | **Latest Estimate Completion Date** | **Status – Daily Production Review notes** |
| **BENS004S** | **519** | **Leaking OB 6** | **CWI** | **238 days** | **7-Aug** | 28Jun: CWI note: Wireline barge is currently in Tunu axis after which it will proceed to BENS004S ( PB Valve installation) and then to BENS011S (AVA unit top sub replacement) 21Jun: Abass to organise challenge session on planned completion date. //  PB Valve on order.  **12Jun: Proposal signed off by CWI.**  24May: Proposal ready/Costing in progress. 21May: Carried out wellhead activities on W4S. The SCSSV was changed but the control line could still not hold pressure, hence the well was shut in. 30Apr: Visited W4S and installed a new SCSSSV. But could not open the well as it was observed that there was a disconnect between the pressurising tubing and the SCSSV.  28Apr: commenced Bens 4S leaking SCSSSV troubleshooting.  14Apr: Commenced wellhead activities on Well 4S. Only leaking OB6 to be fixed. COM unit in place. |
| **OPOM001S** | **779** | **Freewheeling Master valve stuck (requires milling  / Faulty AVA unit** | **CWI** | **28 days**    *(Actual Def duration is 500 days – deferment coding was changed from “Third Party” to “Unscheduled” from 01-Jun-2017, post Forcados export line availability)* | **15-Sep** | 21Jun: Abass to organise challenge session on planned completion date.  May: Narrowed down to a contractor, awaiting Tech Evaluation from contractor. Drilling tool to be provided by contractor.  26Apr: Attempted to Open up Opomoyo1S after installing AVA unit on the well, but had to abort the operation due to freewheeling master valve. |
| **TUNU003T** | **573** | **Control line not holding pressure.** | **CWI** | **257 days** | **30-Jun** | 28Jun: CWI note: All Xmas tree valves are passing may require well kill as wellhead is veto gray and we do not have the gate/bushing and NRV for the valves at the moment. **12Jun: Proposal signed off by CWI.** PB Valve on order. 05May: Proposal launched for signatures.  30May: CWI & PT  review at proposal stage. 26May: SCSSSV confirmed not holding pressure. On pumping to about 4000psi in order to open the SCSSSV, it didn’t hold. Several attempts were made even at slightly higher pressures but once you pause, it rapidly drops. Indicating that there may be a leak downhole. |

Regards,   
**Taiwo Agbaje**   
Snr Production Programmer, Swamp

Office: B2-209, Shell PHC IA.

**☏ Office:** +234 80702 24817

*'Trust, but Verify...'*