WSRC/Westinghouse Safety Management Solutions

Task Authorization Document

IWR Number C001~~428W~~ 2198W

Rev. 3 (9/10/02)

1. PO No.	2. WSRC TAD No.	3. Revision No.	4. Auth Start Date	5. Completion Date
KM87970	60PH - 001	0	2/1/2006	9/30/2006

6. Task Description Title	7. WSMS Work Type/Org.	8. Total Auth Amt.
Operation of 484 D Powerhouse		~~$9,300,000~~ 5,475,000

9. Prepared By (Print Name)	9.1 Phone	9.2 Address	9.3 Date
Butch Randall/Jeff Selvey	502-9786/9624	CCC-3	1/26/2006

10. WBS Code (Terminal for Direct Activity Code)	10.1 Requesting Org. Code/(Division)

11. Item	Activity Code	Cost Element	TWC	Statement of Work (can be continued on page 2)	Hours	Dollar Amount
1	XRWSMSONM		C27	Provide operations of the 484D Powerhouse	~~93000~~	~~$9,300,000~~ $5,475,000

NOTE: The above TAD activity includes cost for local and outside travel to provide the stated services.

12. Quality Assurance Requirements - Check the Applicable Block — Specify Other Below

☒ Standard WSRC 1Q Requirements apply ☐ 10CFR71 ☐ DOE-RW/0333P ☐ Other

All requirements of Memorandum of Understanding WSRC-RP-2002-00351 must be implemented.

Division CQF: * Signature _____ Date _____

13. Is access to classified matter required: Yes ☐ No ☒ Potential ☐ | Maximum Clearance Level required: (Info or Access) Q ☐ L ☐ None ☒

14. Item	Milestones/Deliverables (can be continued on Page 2)	Completion Date
	Refer to MOA OBU-ISD-2006-00014	

Approvals

	Sign and Date	Phone No.
15. WSMS Cognizant Manager Jeff Selvey	Jeffrey A Selvey 1/26/06	502-9624
16. WSRC Responsible Org. CAM Joe Scherpenberg	for Joe Scherpenberg 1/27/06	557-6726
17. WSRC Controller Responsible Org. John Cantwell	1/30/06	557-5792
18. WSRC Div. TOR Joe Scherpenberg	for Joe Scherpenberg 1/27/06	557-6726
19. WSRC STR/ASTR Neil Cushman	1-30-06	557-4353
20. WSRC Procurement Representative Bill Bowers	William C. Bowers 1-31-06	952-9995

21. Work Completed (WSMS) Sign and Date	22. Work Accepted - TOR (WSRC) Sign and Date

23. Closure (WSRC STR) Sign and Date _____

* Division CQF Signature & Date required if other than Standard WSRC 1Q Requirements is checked.

Task Authorization Document

IWR Number ~~C001428W~~ C002198W WCB 1/31/06

Rev. 3 (9/10/02)

TAD No.: _____ – _____

Statement of Work (Cont.), Milestones/Deliverables (Cont.), Travel Requirements (Details/Cost), and Other QA Requirements to be entered on this Continuation Sheet.

WSMS will operate and maintain the 484-D Powerhouse and ancillary equipment in accordance with the Memorandum of Agreement between WSRC and WSMS, Document OBU-ISD-2006-00014, as amended. This TAD will be revised if additional funding is required due to changes in the MOA. ~~Be~~ THE FOLLOWING ATTACHMENTS ARE INCORPORATED INTO ~~AAA~~ AND MADE PART OF THE TAD. WCB 1/31/06

ATTACHMENTS:

1 – MEMORANDUM OF AGREEMENT OBU-ISD-2006-00014

2 – SRID STATEMENT OF WORK CLAUSES

3 – SUBCONTRACT FIELD CONDITIONS

WCB 1/31/06

ATTACHMENT 1

Document: OBU-ISD-2006-00014

Effective Date: February 1, 2006
Expiration Date: Until Rescinded

Memorandum of Agreement
Between
Washington Savannah River Company (WSRC)/Infrastructure and Services (I&S) and
Washington Safety Management Solutions (WSMS)

This Memorandum of Agreement (MOA) is to establish a formal understanding and agreement between the WSRC and WSMS and describes the responsibilities and requirements for the operation and maintenance of the 484-D powerhouse and ancillary equipment.

Signature Date

Approvals

Dane A. Anderson, WSRC/I&S, Utilities and Services Manager — 1-26-06

Jeffrey A. Selvey, WSMS Transition Manager — 1/26/06

Vincent Maivelett, WSMS Contracts/Procurement Manager — 1-26-06

William Bowers, WSRC Purchasing Representative — 1-26-06

No change here of shall be of any force or effect unless reduced to writing and signed by all parties.

1.0 PURPOSE

This Memorandum of Agreement (MOA) establishes a formal agreement between Washington Savannah River Company (WSRC) and Washington Safety Management Solutions (WSMS) for the operation and maintenance (O&M) of the 484-D powerhouse and associated auxiliary equipment.

2.0 SCOPE

This MOA includes the 484-D powerhouse and ancillary equipment scope currently identified in Contract No. DE-AC09-96SR18500 – Steam and Electrical Operations at D-Area Powerhouse with the following noted exceptions.

WSRC will assume responsibility for O&M of:
Inter-area steam lines beginning with isolation valves:
D1-802-EXPS-V-001
D1-802-EXPS-V-002

WSRC operates and maintains the 13.8kV process feeders downstream of the following locations in 484-D:
13.8kV Breaker 1-11, Process feeder #2
13.8kV Breaker 3-2, Process feeder #5
13.8kV Breaker 4-9, Process feeder #7
13.8kV Breaker 1-2, River Pump house feeder #1
13.8kV Breaker 2-2, River Pump house feeder #2

WSRC operates and maintains the corresponding 13.8kV feeder breakers and associated control and protective relaying circuitry and components in the feeder breaker switchgear cubicles.

At 681-5G pump house, WSRC operates and maintains the 13.8kV electrical system including the overhead lines from 484-D, four aerial 13.8kV switches and T-1 and T-2 13.8kV/480V transformers down to the transformer secondary bushing terminals.

WSMS operates and maintains the T1 and T2 13.8kV/480V transformer secondary breakers, the 480V bus and all equipment downstream of the 13.8kV transformers at 681-5G.

WSMS and WSRC will double-lock the 681-5G perimeter fence. In the event WSRC needs access to the facility, a notification call to the 484-D control room will be made upon entry and exit.

WSRC will operate and maintain the steam metering associated with 484-D

WSRC will provide:

Breaker calibration services
Pressure protection device calibration
Major maintenance (e.g. Turbines)
Shop support and other services inherent to WSRC on an as needed basis.
Predictive Maintenance technology

WSRC and WSMS will share switchgear responsibility depending on ownership of the equipment to be isolated.

3.0 TERMS AND DEFINITIONS

Task Authorization Document (TAD) – document authorizing WSMS to operate and maintain the 484-D powerhouse.

4.0 EQUIPMENT DESCRIPTION

This MOA pertains to the equipment and associated spare parts currently located at 484-D powerhouse and ancillary equipment.

5.0 REQUIREMENTS/ RESPONSIBILITIES

In general, WSRC will assume overall responsibility for design authority, operations and maintenance of 484-D powerhouse and ancillary equipment. WSMS will provide management and resources necessary for the day-to-day operation and maintenance the 484-D Powerhouse.

5.1 Conduct of Operations

WSRC will provide WSMS operational direction on electrical generation and steam load requirements for the operation of 484-D Powerhouse.

WSMS will be responsible for the day-to-day operation of the 484-D facilities using its safety and health plan and operating procedures.

WSMS will appoint an operations point of contact (POC). This POC will have matrixed operational responsibility to the WSRC Manager, Utilities and Operating Services. This responsibility will include daily plant status updates, immediate event reporting, major planned evolutions and a monthly business meeting focused on 484-D specific issues and cost review.

Any planned operation or system evolution that will or has a significant likelihood to affect the availability of utility supply will be preceded by notification to and authorization of WSRC. Any unplanned event affecting the availability of utility supply will be followed as soon as reasonably possible by notification to WSRC.

WSMS will provide appropriately trained operations and maintenance personnel to perform all O&M of the 484-D powerhouse. Staffing levels will be reviewed and approved by WSRC. Subsequent hiring of personnel associated with the 484-D scope will be a collaborative effort between WSRC and WSMS.

Current long term plans include a replacement co-generation facility, resulting in the closure of 484-D. WSRC expects the O&M strategy to evolve as 484-D approaches closure and will provide subsequent direction to WSMS regarding this strategy. Specific scope reductions resulting from the implementation of this strategy will be agreed upon by both WSRC and WSMS.

5.2 Conduct of Maintenance

WSMS will be responsible for the maintenance of 484-D boilers, turbines, 5G pump house, cooling tower and all associated auxiliary equipment utilizing their work management and maintenance procedures. A preventive maintenance program will be developed and implemented by WSMS.

WSRC and WSMS will collaborate on all long term major maintenance planning activities, as well as adjustments to the PM plan.

WSMS will be responsible for maintaining baseline staffing sufficient to implement the maintenance program as agreed. Additional maintenance staffing or subcontracts for major maintenance work will be coordinated with and approved by WSRC. Staff augmentation for major or specialty maintenance activities may be provided by WSRC.

WSRC will negotiate with the current 484-D operating contractor to provide an initial spare parts inventory to WSMS. Replacement parts after initial inventory will be the responsibility of WSRC. Process related parts and commodities may be attained through either the WSMS or WSRC procurement process. This will be discussed on a case-by-case basis and will be determined by such factors as availability on site, delivery time and cost. Additionally, non-process related commodities will be the responsibility of WSMS.

WSRC will be responsible for the coal supply.

WSMS will have general landlord responsibility for maintenance and upkeep of the buildings they occupy.

5.3 Conduct of Engineering/technical support

WSRC will be responsible for providing all engineering support for 484-D and ancillary equipment.

The performance of any activity that is not part of the day-to-day operation of the 484D Powerhouse will be coordinated with WSMS and WSRC management prior to performance.

Project and design support will also be provided by WSRC as requested by WSMS.

5.4 Construction/Start-Up

Not applicable.

5.5 Department Funding (Budget)

A budget change proposal (BCP) will be approved between WSRC and DOE to accomplish this scope.

A Task Authorization Document (TAD) will be developed by WSRC requesting WSMS to perform the 484-D O&M responsibilities as outlined in this MOA.

5.6 Environmental Permitting, Reporting Requirements (Air, Water, etc.)

WSRC/DOE will maintain any environmental permits required and perform all environmental reporting regarding the operation of the equipment. All permit ownership and responsibility will reside with WSRC.

WSRC will provide engineering support for all environmental issues associated with the operation of 484-D and its associated permits. This support will include the development of compliance reports to SCDHEC.

Any required compliance sampling will be supplied by WSRC.

WSMS will be responsible to WSRC for operating and maintaining all permitted equipment/outfalls within established limits and permit conditions.

5.7 Safety

WSMS will work under their company worker protection plan to include an ES&H staff member responsible for oversight of their program.

All work performed by WSRC for WSMS in the 484-D powerhouse and ancillary facilities will be performed using the WSRC safety requirements.

WSRC will only work defined scopes of work in the Powerhouse and will not provide staff augmentation services to WSMS without prior approval and training on the applicable worker protection plan.

WSMS will comply with S/RIDs that are deemed to apply to a Category C subcontract managed by WSRC. This scope was designated for WSMS implementation late in transition process therefore, WSMS will provide WSRC with an SRID implementation plan that will provide the impact within 60 days of transition.

5.8 Documentation/Records

WSRC will be responsible to retain documents such as modifications and drawings necessary to maintain configuration control.

WSMS will be responsible for maintaining regulatory documentation as specified by the conditions of the environmental permits or other regulatory agencies. (e.g. logbooks, round sheets, strip charts, etc.)

5.9 Occurrence Reporting and Processing System (SIRIM)

WSRC will have reporting responsibility for the equipment covered by this MOA. That responsibility will include meeting all requirements to report, critique, track, and resolve any reportable events associated with the equipment covered by this MOA.

WSRC will have responsibility for DOE notification of any reportable events associated with 484-D.

WSMS will make immediate notification to SRSOC for all emergencies. WSMS may utilize the Utilities dispatcher (5-3133) for such notifications but must notify the Shift Operations manager or dispatcher after initial notification to SRSOC.

SRSSOC will notify the Powerhouse Control Room of any site wide conditions or events which would pose a hazard to Powerhouse personnel or equipment.

5.10 Waste Certification and Waste Handling

WSMS will be responsible to perform any required waste characterization and packaging. WSRC will be responsible for disposal of this waste using existing site waste streams.

5.11 Interface

WSRC will appoint a Task Order Representative (TOR) to interface directly with the WSMS representative in carrying out the TAD and this MOA.

5.12 Performance Tracking

Primary performance indicators will be uninterrupted steam supply to the major process areas, safety, production of electricity in accordance with the directed load and cost reports. A monthly business review meeting will be held with WSRC and WSMS management attendance. This meeting will include a review of the WSMS and WSRC performance indicators to ensure the business goals are being met. This meeting will also be used to discuss significant upcoming events or issues.

5.13 Quality Assurance

WSMS will work to their company quality assurance plan and procedures.

5.14 Training

WSMS will be responsible for the qualification and training of the 484-D operations and maintenance staff.

References: None