

REVISED STATEMENT OF WORK
Egyptian Remanufacture

1.0 SCOPE

1.1 The Contractor shall provide the supplies and services necessary to perform contractor depot level refurbishment of Image Control Unit (ICU), p/n 12271800. This shall include the maintenance required to correct material damaged or failed, and restoration/replacement of the components, subassemblies, or assemblies to a "like new" condition. A "like new" asset is defined as one that contains mandatory replacement parts, meets all performance requirements of SC12271800J, and cannot be visually distinguished from an asset that has never been used.

1.2 Remanufacture/Upgrade shall conform to the ICU production configuration p/n 12271800, specification SC1227180 J, and any ECPs added by separate attachment to this contract.

1.3 Failure-Free Through Tank Assembly The contractor shall be responsible for the correction of all failures that occur on components provided under this contract through tank production and final acceptance at the Egyptian Tank Plant. *(See Paragraph 8 for further detail)*

2.0 REQUIREMENTS

2.1 General

2.1.1 The Govt shall deliver repairables consisting of entities and/or components of the ICU (12271800) to the Contractor at his facility, unless otherwise authorized by the Contracting-Officer (CO).

All Line Replaceable Units (LRUs) shall be provided in Serviceable Condition . Units will be shipped in individual shipping containers. A form DD1149 will accompany the ICUs for tracking purposes.

2.1.2 The Contractor shall perform a functional test of the units prior to induction and will advise the Government should a replacement from the Govt provided float quantity be needed because an asset is deemed unserviceable or excessively damaged. The Contractor shall expend no further resources on any ICU that is not determined to be economical to remanufacture.

2.1.3 Upon completion of remanufacture/upgrade the Contractor shall deliver all ICUs to Anniston Army Depot. A form DD1149 shall be sent with the ICUs being shipped. The Contractor is to bear the transportation costs to ANAD. *(See delivery schedule, in Section B of the solicitation)*

2.2 Task A : Remanufacture/Time and Material

2.2.1 The Contractor shall induct the item for remanufacture and proceed in accordance with the following subparagraphs.

2.2.1.1 Only those parts, assemblies and subassemblies that will be reused and are not mandatory replacement parts listed in Exhibits A or B shall be repaired. The remanufacture process may be witnessed by the authorized Government representative located at the Contractor facility should he so elect.

2.2.1.2 During "Remanufacture", any parts in **Exhibit A** that are disturbed or removed shall be replaced with new parts. This includes any repair/rework for those items that fail during final acceptance test. The contractor's final proposed repair action may be subject to a Government representative's review and verification.

2.2.1.3 The remanufacture effort is dependent on the use of float units, which are to be provided to the Contractor by the Government as necessary to accomplish the effort. An initial quantity of 10(ten) ICU LRUs will be provided.

2.2.1.4 The requirements for GFP repair parts or float units shall not impact or be the cause of any delay in the delivery schedule without prior approval of the cognizant Government Contracting Officer. The Contractor shall notify the Government upon determining that additional GFP floats or repair parts are required due to the condition of the GFP assets.

2.2.1.5 In the event ICU assets are returned for remanufacture that contain different anomalies or malfunctions, serviceable parts from one failed asset may be removed and installed on a second failed asset, thereby restoring it to an operational condition.

2.2.1.6 All remanufacture will be based on production level operating characteristics and will include repair efforts intended to return the asset to a "like new" condition and appearance to the maximum extent possible. The restoration of service life shall include performance of preventative maintenance, which shall provide for removal of all foreign matter, corrosion, deep scars, scratches, and CARC painting shall be assured (IAW product specifications). All disturbed mandatory replacement parts shall be replaced during the remanufacture effort IAW the applicable DMWR. This process shall include the restoration of all exterior functional identification markings to a legible condition, using a permanent marking technique.

2.2.1.7 The Contractor is authorized to maintain bench stock to support the remanufacture and upgrade effort. Material declared excess during the performance and completion of the contract will be disposed IAW the Contractor's plant clearance procedures.

3.0 Task B : Upgrade/Firm Fixed Price

3.1 All efforts described in Paragraph 3.0 and sub-paragraphs will be accomplished as part of the "Upgrade" effort. The integrity of all exterior metal surfaces, as stated in the ICU specification by CARC painting per drawing 12344343 Rev B, shall be assured. Repaint/touch-up shall be IAW MIL-C-53072A with MIL-P-23377F (primer) and MIL-C-22750E(1) (epoxy coating kit, or its components in bulk).

3.2 The 12271804 chassis will be modified to the latest configuration by adding the machined notch into the mounting flange.

3.3 Mandatory replacement parts for the upgrade portion of this effort are shown in **Exhibit B**.

3.4 A new identification plate shall be applied to each ICU. The plates are to reflect a new manufactured date and not reference the date from the original plate when the ICU was inducted. New serial numbers shall be established beginning with the number E001.

3.5 Unrepairable, unusable parts and components are the property of the Government and shall be disposed of as directed by the Contracting Officer. Shipping charges on removed assets shall be under Government Bill of Lading.

4.0 PACKAGING AND MARKING

4.1 Preservation/packaging/packing shall conform to commercial level per the requirements of ASTM-D3951-95. If any ICUs are received in a polystyrene container, the ICUs shall be returned in the polystyrene containers provided the containers are not damaged. Lens tissues shall be applied to optical surfaces.

5.0 QUALITY

5.1 The remanufacture and upgrade effort shall be performed at a level no lower than ISO 9002 or equivalent.

5.2 **Environmental Stress Screening:** Every ICU will be subjected to two axes 1.7 G rms random vibrations per the call outs found in Table 1. Use the X axis and Y axis.

Frequency (Hz)		Input Level (G ² /Hz)
From	To	
20	80	0.0024
80	350	0.0096

OVERALL INPUT 1.7 G rms
 Axes: X=Tranverse, Y=Longitudinal, Z=Vertical
 Simultaneous Vibration in both axes. 10 minutes for each vibration.

5.3 Final Acceptance Testing will be accomplished with the requirements set forth in SC12271800J.

6.0 Control Test

6.1 Control Testing will consist of two (2) units being subjected to the tests outlined in paragraph 4.2.3.3.2 of SC12271800J

7.0 Task C : Support Equipment

7.1 Government-owned tools and test equipment required to provide support are authorized for use on a rent-free, noninterference basis. The Contractor shall provide the Contracting Officer with a list of all Government-owned tools and test equipment (i.e., nomenclature and accountable contract) with their solicitation.

7.1.1 The Contractor shall provide for the movement, qualification, maintenance and repair of any Government-owned support equipment currently not in place for used in conjunction with this contract.

7.1.2 The cost of administration, equipment update, equipment calibration and other management activities necessary to perform the remanufacture and upgrade effort will be charged against the appropriate CLIN for contract administration and will not be included in the economical repair determination.

8.0 Schedule

8.1 The Contractor shall meet the contract delivery schedule in Section B.

9.0 Warranty: Failure Free Through the Egypt Tank Plant

9.1 The Contractor is responsible under this contract for the correction of all failures that occur during ICU integration/operation at Anniston Army Depot, the U.S. Army Lima Tank Plant and the Egyptian Tank Plant (ETP) prior to the tank's final acceptance.

9.2 Any failed assets will be returned to the Contractor's facility for rework at no additional cost to the Government.

9.3 The Contractor shall be liable for all transportation costs associated with return, receipt, rework, and re-shipment of repaired assets back to the Government facility involved.

9.4 The Contractor is authorized to maintain bench stock at the repair facility to support the warranty effort. The stock will be based on previous warranty experience, obsolescence and range and depth of U.S. Army supply support. Material declared excess during the performance and completion of the contract will be disposed of IAW the Contractor's plant clearance procedures.

9.5 The contractor's warranty liability excludes prime contractor induced damage, or damage resulting from abuse, shipment, or improper handling.

10.0 Minor Waiver and Deviations

10.1 Contractor authority for minor waivers and deviations and for corrective action and disposition of non-conforming material by a Material Review Board (MRB) is granted for the subject program. The Contractor is authorized to invoke previously approved Standard Repair Procedures (SRP).

11.0 Progress/Asset Status Reports (CDRL A001, DI-MGMT-80368)

11.1 The Contractor shall report GFE status and remanufacture/upgrade progress in contractor format to include the following information:

- a. Item Name
- b. Item Part Number/NSN
- c. Number of GFE assets received from the Government
 - Receiver document number
 - Serial numbers received and date of receipt
 - Location received from
- d. Number of remanufactured assets shipped to Anniston Army Depot
 - Shipping document number
 - Date shipped and serial number of units shipped
- e. Serial numbers of assets on-hand for repair/refurbishment and upgrade.

EXHIBIT A

Mandatory Replacement Parts

“Task A”
REMANUFACTURE

Part Number	Description	LRU QTY
12271813	Cathode Ray Tube	1
12271805	Washer, Key	2
12271807	Retainer, Front	1
12271808	Retainer, Rear	1
12271820	Panel, Front Control	1
12271835	Isolator	1
12272294	Gasket, Access Cover	2
12272341	Mount, ABMM-A	2
12271804-GFP-R	Chassis (GFP Reworked)	1
12272177-1	Dial	2
180T001	Jumper MS25083-2CCB	1
190T001	Cap MS20813-1	1
227T001	O-Ring MS9068-145	1
227T002	O-Ring MS9068-136	1
365T00	Housing LH89/1	2
400T002	Knob MS91528-2E2B	4
420T001	Lamp MS25237-387	2
422T001	Lens LC35GN2	1
422T002	Lens LC35YN2	1
620T004	Boot M5423/16-01	2
640T001	Screw MSS3212-27	4
640T009	Screw MS3212-30	5
640T010	Screw NAS1635-08-7	25
640T011	Screw MS51957-43	4
640T022	Screw NAS 1635-06-04	1
705T001	Strap MS3367-4-9	15
770T001	Valve Stem MS51607-1	1
770T002	Valve Core MS51377-2	1
780T010	Washer NAS620C8L	28
780T012	Washer MS35338-74	2
780T014	Washer MS35338-135	4
780T017	Washer MS35338-136	4
780T020	Washer NAS620C6	1
780T021	Washer AN960C816L	3
999T040	Caplug CEC-24 NAS-813-24 BI	2
999T069	Caplug SF-24	1

EXHIBIT B

Mandatory Replacement Parts

“Task B”

UPGRADE

<u>Part Number</u>	<u>Description</u>	<u>LRU Qty</u>
12271823	Cover Access	1
12272176	Valve P75-673	1
400T008	Knob MS91528-3F4B	1
640T012	Screw MS51957-78	1
640T024	Screw MS16995-40	6
780T008	Washer MS35338-138	6
780T011	Washer AN960C416L	1
780T023	Washer NAS620C10	6
K15882	ID Plate 12271890	1

SECTION L

L.1 PROPOSAL INSTRUCTIONS

Offerors shall submit proposals in accordance with this section. To avoid unnecessary expense to both the Government and the offeror, offerors are advised to thoroughly review Section M prior to submitting a proposal. Section M sets forth evaluation criteria the Government will use to select a contractor. There are two evaluation areas: (1) Past Performance and (2) Price.

L.2 PRICE

1. The offeror will enter prices for Clins 0001AC, 0001AD and 0001AE in Section B of the solicitation. CLIN 0001AC is a Firm Fixed price clin for First Article Testing. CLIN 0001AD is a Time and Material Clin for Remanufacture. CLIN 0001AE is a Firm Fixed Price Clin for Upgrade

2. Cost support for CLIN 0001AD Remanufacture

Offerors shall submit cost and pricing data supporting their estimated unit prices for CLIN 0001AD in a format that facilitates evaluation. For evaluation purposes, proposed labor rates for the estimated unit prices shall be based on the Government's Estimate of 13 Labor hours per unit. The allocation of these hours among the different labor categories and grades is at the discretion of the offeror. The allocation of the hours will be reviewed for realism, and the Government reserves the right in its final evaluation to adjust for realism in the dispersion of hours among the labor categories and grades. The Government's Estimate is for evaluation purposes only. It does not necessarily reflect the actual hours which will be required since the actual condition of the units to be repaired is unknown.

An offeror's Evaluated Price for CLIN 0001AD may have adjustments (plus or minus) due to the Government's cost realism analysis.

For each ordering period (basic and option), offerors shall provide fully loaded rates, including profit, for all proposed labor categories. These rates will be incorporated into any resultant contract. Offerors shall provide a narrative and mathematical analysis of the method and rationale used to develop all loaded rates proposed. The chart shown below reflects the desired format for the data supporting, the Time and Material proposal for each ordering period.

	Base Rate	All O/H's	G&A	Profit	Total Rate Per hour	No. of Hours	Total Price
All Labor	\$	%&\$	%&\$	%&\$	\$		\$

Materials

(a) Material – Any anticipated purchased material items, (reference Exhibit A within Scope of Work (Sow). All associated material burdens shall be set forth and easily discernible.

(b) Direct Labor – Hands-on effort estimated to physically accomplish tasks set forth in the Scope of Work. Submission shall take the form of estimated hours by labor classification, extended to estimated value by associated labor rates. The value of estimated labor shall be summed for all accounting periods wherein performance is anticipated. Any fringe benefit, Labor Overhead, or other rate directly associated with labor shall be easily severable and discerned.

Offerors are requested to structure their proposals to address, at a minimum, the severable elements listed in the above chart. The chart contains examples of the detail necessary to enable the Government to adequately review the submissions. If an offeror's accounting system necessitates a further subdivision of cost, then it may do so in an Appendix to the Cost Proposal.

2. The Government reserves the right to require the submission of any data necessary to validate the reasonableness of an offer.

L.3 PAST PERFORMANCE

a. The offeror shall detail and describe his quality and delivery performance on prior Government or commercial contracts during the last three years, which are the same or similar to the effort required on this solicitation. The contract is considered "similar" if it is materially related to the effort required by this solicitation, to include production, repair, retrofit and upgrade programs.

b. The offeror shall identify both price contracts and major subcontracts for similar items as defined above. Both Government and Commercial contract description shall include the information requested below in the following format:

1. Identify in specific detail for each contract listed, why or how you consider the effort relevant or similar to the effort required by this solicitation. This would include in identifying a commercial customer and any additional information required to evaluate the offeror's commercial work.

2. Your (and your subcontractor's) CAGE &CEC (DUNNS) Number.

3. Government or commercial contacting activity address and telephone number.

4. Procuring Contracting Officer's (PCO's) name and telephone number if Government Contract.

5. Government or commercial contract administration activity and the name and telephone number of the Administrative Contracting Officer (ACO) if Government Contract.

6. Contract Number

7. Contract Award Date

8. Contract Type

9. Final or projected final price/cost.

10. Original delivery schedule.

11. Final or projected final delivery schedules.

12. A narrative explanation on each previous contract listed describing the objectives achieved and any schedule delays encountered. For any government contracts, which did not/do not meet original requirement with regard to either schedule or technical performance, a brief explanation of the reason(s) for such shortcomings and demonstrated corrective actions taken to avoid recurrence. The offeror shall provide a copy of any cure notices or show cause letter received on each previous contract listed and description of any corrective action by the offeror or proposed subcontractor.

13. The offeror shall also provide the above required information for any and all contracts it has had terminated for default in whole or in part, during the past 3 years, to include those currently in the process of such termination as well as those which are NOT similar to the proposed effort. The contractor shall list each time the delivery schedule was revised and provide an explanation of why the revision was necessary.

14. If the offeror intends to subcontract major portion of the requirements of the solicitation, the offeror shall identify the proposed subcontractors and provide adequate information as to allow the Government to perform an evaluation of the subcontractors' capabilities and ability to perform the required tasks.

15. Offerors shall include in their proposal the written consent of their proposed subcontractors to allow the Government to discuss the subcontractor's past performance evaluation with the offeror during negotiation, if applicable.

NOTE: Offerors are reminded that both independent data and data provided by offerors in their proposals may be used to evaluate offerors past performance. Since the Government may not necessarily interview all sources provided by the offerors, it is incumbent upon the offer to explain the relevance of data provided. The burden of providing thorough and complete past performance information remains with the offerors. Proposals that do not contain the information requested, by this paragraph risk rejection or high risk rating by the Government.

SECTION M

M.1 BASIS FOR AWARD

Selection of an offeror for award will be based on an evaluation of proposals in two areas: (1) Past Performance and (2) Price. Each area is separately described below. The Past Performance Area will not be numerically scored but, rather will be rated in an adjectival and narrative manner. The award of a Contract will be made to the offeror whose proposal offers the best value to the Government based on an integrated assessment of Price and Past Performance; consequently, the government may award to other than the low offeror. The area of Past Performance is more important than the area of Price. Any proposal, which is unrealistically high or low in price may be deemed indicative of a failure to comprehend the Government's requirements and may be rejected for such a reason. Offerors are urged to ensure that their proposals are submitted in the most favorable terms in order to reflect their best possible potential, since less than the optimal initial proposal could result in the exclusion of the offeror from further consideration.

Price: The offeror shall be evaluated based on the proposal's total overall evaluated price to the Government. The proposed contract price to include CLIN 0001AD, will also be evaluated for reasonableness. Reasonableness means that the cost does not exceed what would be incurred by a prudent businessperson in the conduct of competitive business.

Past Performance: Past Performance is an important consideration in the award decision; however, price may be controlling where an overall higher evaluated proposal is unaffordable. Similarly, the closer the ratings in past performance area are between offerors, the more significant price becomes.

M.3 PRICE AREA

M.2.1

1. The Government will consider the Total Evaluated Cost by adding the price for CLIN 0001AC, unless waived by the Government, the cost for CLIN 0001AD, the price of CLIN 0001AE and the option prices provided in Clause IF6080 to any other price related factor required by the RFP.

M.3 PAST PERFORMANCE

M.3.1 The Government will conduct a performance risk assessment based upon the quality of the offeror's past performance as it relates to the probability of successful accomplishment of the required effort. Performance risks are those associated with an offeror's likelihood of success in performing the solicitation's requirements as indicated by that offeror's record of past performance. Consideration will be given to the degree to which the offeror has met quality of performance, and delivery schedule conformance/timeliness contracts (within the past three years) for similar, related efforts. On-time deliveries and Quality will be the factors evaluated under Past Performance and both are of equal importance. A significant achievement, problem, or lack of relevant data in any element of the work can become an important consideration in the selection process. Therefore, offeror's are reminded to include all relevant past efforts, including demonstrated corrective actions, in their proposal. As part of this effort, evaluators will consider relevant data intrinsic to the proposal, which is otherwise available to the government. The information will then be assessed along with the offeror's proposal to determine the performance risk. Offerors are reminded that while the government may elect to consider data obtained from other sources, the burden of providing thorough and complete past performance information rests with the offerors.

M.4 EVALUATION CRITERIA/STANDARDS FOR RATING

M.4.1 During the best value source selection process, the Government will assess the relative performance risks associated with each offeror and proposal. The Past Performance assessment will evaluate the risk of successful quality of performance and delivery schedule performance.

Performance Risk: Performance risks are those risks associated with an offeror's likelihood of success in performing the solicitation's requirements indicated by that offeror's record of past performance. Past performance will be adjectivally/narratively assessed with a risk rating applied to each offeror as follows:

- a. **Excellent/Very Low Risk:** Essentially no doubt exists that the offeror will successfully perform the required effort based on its past performance record.
- b. **Good/Low Risk:** Little doubt exists, based on past performance, that the offeror will successfully perform the required effort.
- c. **Adequate/Moderate Risk:** Some doubt exists, based on past performance, that the offeror will successfully perform the required effort.
- d. **Marginal/High Risk:** Substantial doubt exists, based on past performance, that the offeror will successfully perform the required effort.
- e. **Poor/Very High Risk:** Extremely doubtful that the offeror will successfully perform the required effort based on its past performance record.
- f. **Unknown/Unknown Risk:** No meaningfully relevant record of past performance.

The Government will conduct a performance risk assessment based on the quality and delivery schedule performance of the offeror's and significant Subcontractor's past performance as it relates to the probability of successful accomplishment of the required effort. When assessing performance risk, the Government will focus its inquiry on the past performance of the offeror as it relates to solicitation requirements, including quality and contract schedules.

A significant achievement, problem, or lack of relevant data in any element of the work can become an important consideration in the source selection process. A negative finding under an element may result in an overall high performance risk rating. Therefore, offerors are reminded to include all relevant past efforts, including demonstrated corrective actions, in their proposals. The lack of a meaningful relevant past performance record may result in an unknown performance risk rating.