On-line access to contract ordering information, terms and conditions, up-to-date pricing, and the option to create an electronic delivery order are available through GSA Advantage!, a menu-driven database system via www.gsaadvantage.gov.

Schedule 084
Total Solutions for Law Enforcement, Security, Facilities Management, Fire, Rescue, Special Purpose Clothing, Marine Craft, and Emergency/Disaster Response

Contract Number: GS-07F-0052U
Contract Period: October 18, 2007 through October 17, 2022
Contractor: Wärtsilä Dynamic Positioning, Inc.
12131 Community Road, Suite A
Poway, CA 92064
Phone: (858) 679-5500
Fax: (858) 679-5501
Website: http://www.wartsila.com/dp

Contact for Contract Administration: Michael Ford
Phone: (858) 679-5500
Fax: (858) 679-5501
Website: Michael.ford@wartsila.com

Business Size: Other than small business

Prices shown herein are net. [Discounts have been deducted and the IFF (currently 0.75%) has been added to the discounted prices.]

Updated through Contract Modification #PA-0020 (September 27, 2017)
Customer Information Page

1a. Awarded Special Item Numbers (SINs)

SIN 336611  Marine Craft Repairing – includes all repair and maintenance services for marine crafts and products such as boats (all types), floating marine barriers and booms, inboard and outboard engines, etc.

SIN 336612  Marine Craft – includes marine crafts and products such as boats (all types), floating marine barriers and booms, inboard and outboard engines, etc.

Cross-reference to Item and Labor Category Descriptions: See Exhibit A, below
Cross-reference to Pricing: See Exhibit B, below

1b. Lowest Priced Model Number and Price for Each SIN

(Government Net Price based on a unit of one)

<table>
<thead>
<tr>
<th>SIN</th>
<th>Model</th>
<th>Net Price*</th>
</tr>
</thead>
<tbody>
<tr>
<td>336612</td>
<td>27003061PL-xxx</td>
<td>$53,576.66</td>
</tr>
</tbody>
</table>

* Discount has been deducted and the IFF (currently 0.75% has been added to the discounted price.

1c. Services Offered

<table>
<thead>
<tr>
<th>SIN</th>
<th>Position</th>
</tr>
</thead>
<tbody>
<tr>
<td>336611</td>
<td>GNC (Guidance, Navigation, Controls) Engineer</td>
</tr>
<tr>
<td>336611</td>
<td>ICS (Integrated Controls Service) Engineer</td>
</tr>
</tbody>
</table>

Cross-reference to Labor Category Descriptions: See Exhibit A, below
Cross-reference to Pricing: See Exhibit B, below

2. Maximum Order

The “Maximum Order” for SIN 336612 is $100,000; for SIN 336611 it is $150,000. These are not limits on the size of any order under this contract. If the best value selection places your order over the indicated values, the contractor can decline the order if done so on a timely basis.

3. Minimum Order

<table>
<thead>
<tr>
<th>SIN</th>
<th>Minimum Order</th>
</tr>
</thead>
<tbody>
<tr>
<td>336612</td>
<td>None</td>
</tr>
<tr>
<td>336611</td>
<td>$2,000</td>
</tr>
</tbody>
</table>

4. Geographic Coverage (delivery area)

Domestic, 48 contiguous states, Washington DC, Point of Embarkation to nearest coast for Alaska, Hawaii, Puerto Rico, US Territories

5. Point(s) of Production

Poway, CA 92064 (County of San Diego)

6. Discount from List Prices of Statement of Net Price

All prices in this catalog are net. [Discounts have been deducted and the IFF (currently at 0.75%) has been added to the discounted prices.]

For prices, see Exhibit B-1.

7. Quantity Discounts

SIN 336611, Marine Craft Repairing:

None

SIN 336612, Marine Craft:

None
8. **Prompt Payment Terms**
   Net 30 DARO

9a. **Government Purchase Cards accepted at or below the micro-purchase threshold?**
   Yes

9b. **Government Purchase Cards accepted above the micro-purchase threshold?**
   No

10. **Foreign Items**
    None

11a. **Time of Delivery**
    SIN 336612, Marine Craft:
    120 Days ARO
    SIN 336611, Marine Craft Repairing:
    5-75 Days ARO

11b. ** Expedited Delivery**
    Will be reviewed on a case-by-case basis

11c. **Overnight and 2-Day Delivery**
    N/A

11d. **Urgent Requirements**
    See Contract Clause I-FSS-140-B. Agencies can contact the Contact for Contract Administration on a case-by-case basis to determine whether accelerated delivery is possible.

12. **F.O.B. Point(s)**
    SIN 336612, Marine Craft:
    Destination
    SIN 336611, Marine Craft Repairing:
    Origin to the 48 Contiguous States and the District of Columbia. Delivery will be F.O.B. inland carrier, point of exportation, with the transportation charges to be paid by the Government from the point of exportation to Alaska, Hawaii, the Commonwealth of Puerto Rico and U.S Territories as designated by the ordering office.

13a. **Ordering Address**
    Same as contractor

13b. **Ordering Procedures**
    For supplies and services, the ordering procedures, information on blanket purchase agreements (BPAs), and a sample BPA can be found at the GSA/FSS Schedule homepage ([http://fss.gsa.gov/schedules](http://fss.gsa.gov/schedules)).

14. **Payment Address**
    Ordering agencies that want to use Electronic Funds Transfer (EFT) payment can contact the Contact for Contract Administration for routing instructions. The address for mailed remittances is: Wärtsilä Dynamic Positioning, Inc., 12131 Community Road, Suite A, Poway, CA  92064.

15. **Warranty Provision**
    Standard Commercial Warranty

16. **Export Packaging Charges**
    N/A
17. Terms and Conditions of Government Commercial Credit Card Acceptance (any thresholds above the micro-purchase level)
   Will not accept above the micro-purchase threshold.
18. Terms and Conditions of Rental, Maintenance, and Repair
   N/A
19. Terms and Conditions of Installation
   N/A
20a. Terms and Conditions of Repair Parts
   N/A
20b. Terms and Conditions of Any Other Services
   N/A
21. List of Service and Distribution Points
   N/A
22. List of Participating Dealers
   N/A
23. Preventive Maintenance
   N/A
24a. Special Attributes such as Environmental Attributes
   N/A
24b. Section 508 Compliance for EIT
   N/A
25. Data Universal Numbering System (DUNS) Number
   60-619-7606
26. Notification regarding Registration in Central Contract Registration (CCR)
   Active
### Exhibit A
Awarded Items (under SIN 336612, Marine Craft) and Labor Categories (under 336611, Marine Craft Repairing)

<table>
<thead>
<tr>
<th>SIN:</th>
<th>336612</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Items:</strong></td>
<td>NMS6000 Upgrade Dynamic Positioning System for WLB Class of Vessels; Item #27003061PL-xxx</td>
</tr>
<tr>
<td></td>
<td>NMS6000 Upgrade Dynamic Positioning System for WLM Class of Vessels; Item #27003061PL-xxx</td>
</tr>
</tbody>
</table>

These Dynamic Positioning System upgrades are designed to smoothly bring the WLB and WLM operating systems up to the current commercial standard, both in hardware and operational software. The Control Console is designed to replace the existing console and overcome the existing display obsolescence issue. The upgrade hardware uses standard display technology, enabling optional displays to be fitted for the outboard stations and continual upgrades as technology improves. The CPU is designed to fit in the space used for the existing VME/SBC unit. The software is designed on Wärtsilä's 9th generation SmartMove platform, enabling the Coast Guard to take advantage of Wärtsilä's mainstream development and software support. In addition, it provides substantially more flexibility for incorporating additional systems and sensors. Another benefit is substantially improved controls and additional operational modes, including Hold Area.

<table>
<thead>
<tr>
<th>SIN:</th>
<th>336611</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Labor Category:</strong></td>
<td>Superintendent</td>
</tr>
</tbody>
</table>

An engineering position requiring knowledge of computer and information system programming/configuration and development of real-time software applications using object-oriented programming – experience should include Visual C++ and MFC in Windows XP/7/10/IoT Environment. PLC, HMI, and related control system programming/configuration; troubleshooting multi-axis, coordinated thrusters control and sensor processing algorithms as necessary; provide technical reports as required; support of advanced control and automation systems. Control theory and experience with open loop, closed loop, linear, and non-linear control systems. This includes 6-DOF and 3-DOF systems, sensor blending algorithms, and Kalman Filtering. Work involvement is in the areas of Dynamic Positioning (DP) and vessel automation. Must be well organized; have the ability to support multiple projects/assignments and interface with customers, employees, and regulatory bodies. Offshore marine experience preferred with a minimum educational/experience requirement of MS or PhD in Engineering. Travel domestic and international (30% to 50%). Offshore/Shipboard system commissioning required. Must be able to travel to and obtain visas for destinations including Southwest Asia, South American, West Africa, and Mexico.
SIN: 336611

Labor Category: Service Engineer

Under general supervision and with considerable responsibility for work output, the successful candidate will install and support advanced vessel control and automation systems and act as a back-up trainer of DP systems. Key responsibilities are to service and install marine equipment including controls systems at offshore sites. The ICS Engineer will tune, calibrate, program, update, and modify equipment as necessary. Maintain detailed service records, instruct customers and workers on the operation and proper use of equipment. When offshore, may be required to act as a liaison between employer, customer, and regulatory bodies, provide equipment and trainer instruction on-site and at customer locations, assist in developing and maintaining Operation and Maintenance (O&M) manuals, perform all other duties as assigned, working knowledge of PLC-based control and automation systems. GUI development, serial communications, and PC troubleshooting (including Marine experience) a plus. Minimum educational/experience requirements: AA degree, technical certificate, diploma, or 3 years experience in related field including experience with electrical cable install, termination, instrumentation layout & connections along with standard electronic test equipment, computer hardware/software, and network systems. Travel domestic and international (30% to 50%). Must be able to travel to and obtain visas for destinations including Southwest Asia, South American, West Africa, and Mexico.
## Exhibit B-1

**GSA Pricing**

<table>
<thead>
<tr>
<th>Product or Labor Category</th>
<th>GSA Price (Net)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Platinum Upgrade Dynamic Positioning System for <strong>WLB</strong> Class of Vessels SIN 336612</td>
<td>$90,390.45 per item</td>
</tr>
<tr>
<td>Platinum Upgrade Dynamic Positioning System for <strong>WLM</strong> Class of Vessels (Item #24003061PL-260) SIN 336612</td>
<td>$112,389.95 per item</td>
</tr>
<tr>
<td>Service Engineer - Normal Time SIN 336611</td>
<td>$197 per hour + expenses</td>
</tr>
<tr>
<td>Service Engineer - Over Time A SIN 336611</td>
<td>$265 per hour + expenses</td>
</tr>
<tr>
<td>Service Engineer - Over Time B SIN 336611</td>
<td>$295 per hour + expenses</td>
</tr>
<tr>
<td>Superintendent SIN 336611</td>
<td>$207 per hour + expenses</td>
</tr>
<tr>
<td>Superintendent SIN 336611</td>
<td>$280 per hour + expenses</td>
</tr>
<tr>
<td>Superintendent SIN 336611</td>
<td>$311 per hour + expenses</td>
</tr>
</tbody>
</table>

[Discounts have been deducted and the IFF (currently at 0.75%) has been added to the discounted prices.]