



Request for Quotations

Notice

Notice is hereby given that the Cedar Rapids/Linn County Solid Waste Agency will receive sealed quotations for the purchase of Landfill Global Positioning System Equipment and Service for landfill grading and compaction meeting the requirements set forth in the Request for Quotations.

Quotations shall be submitted on the forms provided by the Cedar Rapids/Linn County Solid Waste Agency as part of this Request for Quotations. All quotes shall be placed in a sealed envelope clearly identified as "*Landfill Global Positioning System Equipment and Service.*"

FAXED OR EMAILED QUOTATIONS WILL NOT BE CONSIDERED.

Quotations shall be received up to, but no later than 4 p.m. June 13, 2017, at

Cedar Rapids/Linn County Solid Waste Agency
1954 County Home Road
Marion, IA 52302

Quotations received by the deadline shall be opened and evaluated by staff. A recommendation will be presented during the meeting of the Board of Directors of the Cedar Rapids/Linn County Solid Waste Agency scheduled for 1:30 p.m., June 20, 2017. The Board may choose to act upon the recommendation during that meeting or delay action.

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REQUEST FOR QUOTATIONS

May 26, 2017

For LANDFILL GLOBAL POSITIONING SYSTEM EQUIPMENT AND SERVICE

Prepared by
Cedar Rapids/Linn County Solid Waste Agency

CEDAR RAPIDS/LINN COUNTY SOLID WASTE AGENCY

REQUEST FOR QUOTATIONS

LANDFILL GLOBAL POSITIONS SYSTEM EQUIPMENT AND SERVICE

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Overview

The Cedar Rapids/Linn County Solid Waste Agency (CRLCSWA) is seeking quotations for Landfill Global Positioning System Equipment and Service for landfill grading and compaction that must be an integrated system of software, computer, GPS receiving, and communications to provide the staff of the CRLCSWA with better tools to design lifts, slopes, benches, interim surface levels, pipe systems, roadways, and monitor compaction efforts.

The GPS equipment shall be provided and installed for use on one of the site's compactors and one of the site's bulldozers. In addition, a wiring harness shall be provided and installed on a second bulldozer to allow GPS equipment to be easily transferred between bulldozers. The following list shows the CRLCSWA heavy equipment that will likely utilize the GPS equipment:

- Bomag BC772 RB-4
- JD850K FT4
- Caterpillar D6T (Wiring harness only so that GPS equipment may be easily transferred from the JD850K FT4 dozer)

Landfill GPS Equipment Requirements

The products and services offered by the Vendor in their quotation shall meet the requirements set forth in this section. If the Vendor's products and services offered in their quotation deviates from the requirements of this section, the Vendor shall provide details of the deviations as required in **Attachment B**. Deviations may be waived at the sole discretion of the CRLCSWA.

Specifications

All quotations must include a complete and operational system for landfill density management and landfill construction. The offered system in the Vendor's quotation shall meet the following requirements, unless waived by the CRLCSWA during the evaluation process:

1. The system shall consist of equipment mounted in both a landfill compactor and a bulldozer, as well as an office monitoring station including:
 - Mobile GPS receiver.
 - Communication system.
 - Field equipment mounted computers
 - A software package capable of analyzing GPS data to show density achieved; wheel patterns traveled; northing and easting; and elevation, relative to the landfill construction plan contained in the system memory.
 - All necessary cabling, wiring, hardware mounts, antennas and repeaters.
2. The software shall have the ability to control grade, show compaction patterns as color-coded wheel tracks, indicating path of travel and surface deflection. The software shall have the capabilities of showing the operator the boundaries for planned airspace, including grading and slopes. Surface deflection, as illustrated with color change in wheel tracks, shall be based on change in machine elevation and layer thickness. Pass counting systems are not acceptable.
3. The software should have an integrated 3D Visualizer to view the project as an interactive 3D model.
4. Software shall provide a Cloud-Based platform. The system should operate so that data can be accessible from remote locations in real time.

5. All field equipment shall be capable of interfacing with the office computer through a Wi-Fi or cellular data link for further processing of compaction, position data, and archiving.
6. The GPS equipment shall be fully functional at all points of the landfill. The Vendor shall provide equipment necessary to ensure that the GPS equipment is functional at remote locations and lower elevations of the landfill.
7. The software package shall be compatible with Windows 7, Windows 8 and Windows 10 64-bit operating systems.
8. All field equipment mounted computers and GPS equipment shall meet MIL-STD-810E for shock, vibration, and acceleration. All equipment shall be heavy duty, designed for mobile equipment use and capable of operating between -22 degrees F and 158 degrees F.
9. The software for the compactor and bulldozer should start up automatically in the morning, be ready to operate, and shall save data automatically at the end of each day.
10. The software system should, at the end of each day, automatically update the true terrain model of the existing grades, be capable of computing cover material, as needed, and compile data to generate a report that will indicate daily machine activity, calculate available airspace, and calculate the daily compacted volume of waste.
11. The system must be able to easily import or export surveying data. The system shall be able to import design data and export data collected in a format readable by AutoCAD, DXF, DWG or as a Microsoft Excel format.
12. System shall display real-time waste compaction including pass after pass surface deflection measurements to determine when the compactor achieves no appreciable compaction for the latest pass.
13. System shall be capable of checking grades, conducting surveys, locating stakes and display cut and fill information.
14. System shall have the ability for the operator to establish and record points with user defined text descriptions, actual elevation, and actual location (northing and easting).
15. The software shall allow for the addition of areas to warn equipment operators of hazards. When equipment passes into a hazard area, the equipment should notify the operator and log the information for later retrieval.
16. System shall perform basic diagnostics and troubleshooting via software.
17. System shall have the capability of being transferred to one additional onsite bulldozer.
18. Entire system shall be usable in any brand of standard construction equipment.
19. Landfill equipment monitors shall be 10-inch or larger with touchscreen displays that are visible under high light and low light working conditions.
20. System shall have the ability for the operator and the office staff member to input/create multiple flat and incline plane designs independently.
21. The system should be equipped with a dual-heading antenna to allow for vehicle heading information without additional operator input.
22. The system should come equipped with a sensor to measure pitch and roll. This information should be displayed in a value on the main screen of the system. This information should also be reflected in a visual representation on equipment monitor.

Delivery and Setup

Delivery and setup shall occur on a date mutually acceptable by the CRLCSWA and the selected Vendor. The CRLCSWA wishes to receive the system as soon as possible, and a guaranteed date of delivery will be considered during the evaluation of quotations. Delivery will be to the Cedar Rapids/Linn County Solid Waste Agency, 1954 County Home Road, Marion, IA 52302. The Vendor shall deliver equipment, assemble equipment, adjust all equipment standard and supplemental, complete installation, and have the system made ready for continuous operation. The equipment must be fully functional upon completion. Instruction manuals shall be included for all equipment purchased.

Training

The Vendor must provide two days of time allotted for the training of the equipment to the CRLCSWA operators, managers, and engineering staff. Training shall take place immediately after the equipment has been installed and is fully functional on the CRLCSWA's heavy equipment. An additional one day of follow-up training shall be held six to eight weeks after the initial training period to allow for the correction of problems staff may encounter with the software or hardware. The Vendor must have ready access to manufacturer's technical resources for problems beyond their ability. All cost for this training program must be included in the proposal.

Service

The Vendor shall describe the manufacturer's technical support, software updates, troubleshooting, and technician proximity and availability. Availability of representatives to assist in proper application and to resolve technical problems is a requirement of this quotation (See **Attachment A**). No award will be made to any Vendor, regardless of the proposed price, that has not demonstrated to the CRLCSWA's satisfaction that they have the capabilities to effectively troubleshoot and service equipment in an expedient manner. The Vendor shall maintain sufficient service facilities and qualified personnel to service the equipment. The Vendor shall include a price for an annual service package that at a minimum, includes unlimited telephonic and remote support. This price shall be included as part of Other Annual Fees in **Attachment B**.

The selected Vendor must be available to provide technical assistance in the operation and maintenance of the equipment upon request. Such assistance must be available within 24 hours and without additional cost.

Product Warranties

Warranty coverage shall be included in the quotation. The Vendor shall provide detailed warranty information for each applicable component of the system. The Vendor should describe fully the duration and extent of equipment warranties and indicate if loaner equipment is offered when repairs are required. All hardware provided shall have a minimum three-year warranty.

Performance Bond

Upon approval of the contract, the successful Vendor is required to provide a performance bond in favor of the CRLCSWA, in an amount equal to 50% of the purchase price of the system for the period of the warranty to protect the CRLCSWA against any breach of contract and ensure the performance of the unit for its intended purpose.

If any equipment is inoperative due to equipment failure, through no fault or negligence of the user, and the total number of hours of downtime exceeds 10% of the total productive time for three consecutive calendar months, the CRLCSWA reserves the right to require the Vendor to replace the equipment or terminate the order with no termination or removal charges being assessed to the CRLCSWA. In addition, the Vendor must reimburse the CRLCSWA for any funds that were paid on this equipment. The Vendor will be notified to remove and replace the defective product(s) within ten business days at no cost to the CRLCSWA. Failure to respond in good faith may result in termination of the contract.

Total productive time will be computed by multiplying 8 hours per day by the number of working days in the month, excluding Sundays and CRLCSWA holidays. The effectiveness level of the GPS equipment shall be computed by dividing the total productive time by the total available time multiplied

by 100. Scheduled preventative maintenance calls neither related to, nor coinciding with repair/breakdown calls, will not be considered downtime.

Should the CRLCSWA determine the cause for the service call to be an operator error or misuse by the CRLCSWA, downtime will not be a factor in determining machine performance and the CRLCSWA Environmental Engineer will determine the facts and try to resolve the situation to the satisfaction of all parties.

The Vendor must certify that all products offered through this contract are fully functional. The occurrence of any problems which cannot be resolved quickly and satisfactorily may result in a full refund of all funds which have been paid for the equipment that has failed to perform.

Submittal Instructions

The quotation shall be the purchase price, in full, as outlined on **Attachment B**. Quotations shall include delivery to Cedar Rapids Linn County Solid Waste Agency, 1954 County Home Road, Marion, Iowa. Invoices may not be submitted until equipment has been delivered, setup, and is fully operational at the CRLCSWA's facility.

Sealed quotations shall be delivered by hand or in mail to the following address:

Cedar Rapids/Linn County Solid Waste Agency
1954 County Home Road
Marion, IA 52302

Sealed quotations shall be received no later than **4:00 PM Central Time, Thursday, June 13th, 2017**. It is suggested that respondents allow a minimum of four (4) days for delivery through U.S. mail. Overnight courier is acceptable provided timely receipt of quotations. Any quotation received by the CRLCSWA after 4:00 PM central time on June 13, 2017, shall be rejected and returned unopened. Vendors may not withdraw their quotations after quotations are opened without the written approval of the CRLCSWA. Requests to withdraw a quotation must be in writing and properly signed. Vendors may, however, withdraw their quotation at any time prior to the scheduled opening. No quotation will be opened which is received after the time and date scheduled for the quotations to be received.

The specifications and requirements outlined in this Request for Quotations are intended to allow equipment vendors of varied manufacturers to quote this equipment. Standard specifications of this equipment will be consulted if any questions arise during the evaluation of these quotations. All prices and quotations must be typed or clearly printed. No erasures are permitted. Errors may be crossed out and corrections typed or clearly printed adjacent and initialed by the authorized representative signing the quotation. All line items on **Attachment A** and **Attachment B** must be filled out for the quotation to be valid. This includes requests for the Vendor to provide supplemental information. All quotations must be dated and signed with the Vendor's name, address, and authorized representative name. All quotations shall remain firm for at least ninety (90) days from the opening date.

Cedar Rapids/Linn County Solid Waste Agency reserves the right to reject any and all quotes, waive any formality and accept in whole or in part any quotation or quotations as may be deemed to be in the best interest of the CRLCSWA.

The Vendor's service capabilities are a part of this quotation and the Vendor must demonstrate they can meet the service requirements of this Request for Quotations by including necessary information with **Attachment A**. The delivery date is a part of the quotation and must be specified on **Attachment B**.

It is the Vendor's responsibility to seek clarification of any ambiguities or other issues regarding this Request for Quotations that are not fully understood. Questions regarding this Request for Quotations must be submitted in writing by email to Garrett Prestegard at gprestegard@solidwasteagency.org. The deadline for questions is **June 6, 2017**. All questions and responses from the CRLCSWA will be posted on the CRLCSWA's website at www.solidwasteagency.org.

Quotation Evaluations

The CRLCSWA will review information provided in the Request for Quotations and award the project to the lowest responsible Vendor. A responsible Vendor is one who in the sole opinion of the CRLCSWA possesses the products, skill, ability, integrity, responsiveness, and service capabilities to meet the requirements of this Request for Quotations. The CRLCSWA reserves the right to waive discrepancies between a Vendor's submitted quotation and requirements outlined in this Request for Quotations if doing so is determined to be in the best interest of the CRLCSWA, as deemed by the CRLCSWA.

The CRLCSWA reserves the right to withdraw or amend this Request for Quotations at any time. The CRLCSWA further reserves the right to waive irregularities and informalities in quotations submitted by Vendors.

Available Information and Follow-up

The CRLCSWA is not responsible for locating or securing any information which is not included in a Vendor's submittal. Accordingly, to ensure sufficient information is available, the Vendor must furnish in conjunction with its quotation, descriptive material (such as illustrations, drawings, manufacturer information, service facility information, or other data) needed for the CRLCSWA to determine whether the equipment and services offered meets the minimum requirements of this Request for Quotations.

Reservations

The Vendor must not have any unresolved performance issues with the CRLCSWA. The Vendor's performance as a prime in previous agreements may be considered when evaluating quotations. The CRLCSWA may contact other agencies during the evaluation period to ensure that the Vendor does not have any unresolved or unsatisfactory performance issues.

The CRLCSWA reserves the right to ask for additional information or clarifications during the period between quotation opening and award. The CRLCSWA reserves the right to accept or reject any or all quotations, or to waive any irregularities or informalities in the quotations, and may re-advertise for such upon any conditions or for any reasons deemed appropriate by the CRLCSWA.

Terms & Conditions

ASSIGNMENT - The CRLCSWA and the Vendor are hereby bound and the partners, successors, executors, administrators and legal representatives of the CRLCSWA and the Vendor are hereby bound to the other Party to the Project and to the partners, successors, executors, administrators and legal representatives (and said assigns) of such other Party, in respect of all covenants, agreements and obligations of the Project. Any assignment or attempt at assignment made without prior written consent of the CRLCSWA shall be void.

PROPOSAL CURRENCY/LANGUAGE - All quotation prices shall be shown in US Dollars (\$). All prices must remain firm for the duration of the contract regardless of the exchange rate. All proposals must be submitted in English.

QUOTATION INFORMATION IS PUBLIC - All documents submitted with a proposal shall become public documents and subject to Iowa Code Chapter 22, which is otherwise known as the “Iowa Open Records Law”. By submitting a quotation to the CRLCSWA, the submitting party recognizes this and waives claim against the CRLCSWA and any of its officers and employees relating to the release of documents or submitted information. Each submitting party shall hold the CRLCSWA and its officers and employees harmless from claims arising from the release of documents or information made available to the CRLCSWA.

QUOTATION REJECTION OR PARTIAL ACCEPTANCE - The CRLCSWA reserves the right to accept or reject any or all quotation or parts thereof. The CRLCSWA further reserves the right to waive technicalities and formalities in quotations, as well as accept in whole or in part such proposals where it is deemed in the best interests of the CRLCSWA.

CONFLICT OF INTEREST – The Vendor represents, warrants, and covenants that no relationship exists or will exist during the Project period between the Vendor and the CRLCSWA that is a conflict of interest. No employee, officer or agent of the Vendor shall participate in the selection or in the award if a conflict of interest, real or apparent, exists. The provisions of Iowa Code ch. 68B shall apply to the Project. If a conflict of interest is proven to the CRLCSWA, the CRLCSWA may terminate the Project, and the Vendor shall be liable for any excess costs to the CRLCSWA. The Vendor shall establish safeguards to prevent employees, consultants, or members of governing bodies from using their positions for purposes that are, or give the appearance of being, motivated by the desire for private gain for themselves or others with whom they have family, business, or other ties. The Vendor shall report any potential, real, or apparent conflict of interest to the CRLCSWA.

DISPUTES - Should any disputes arise with respect to agreements; the Parties agree to act immediately to resolve such disputes. Time is of the essence in the resolution of disputes. The Vendor agrees that, the existence of a dispute notwithstanding, it will continue without delay to carry out all responsibilities under the Project that are not affected by the dispute and the CRLCSWA shall continue to make payment for all Services properly performed. Should the Vendor fail to continue to perform its responsibilities regarding all non-disputed Services, without delay, any additional costs incurred by the CRLCSWA or the Vendor shall be borne by the Vendor. The unintentional delayed payment by the CRLCSWA to the Vendor of one or more invoices not in dispute in accordance with the terms of the Contract will not be cause for the Vendor to stop or delay Services.

INDEMNIFICATION - The Vendor shall, and hereby agrees to, protect, defend, indemnify and hold harmless the CRLCSWA, its officers and employees from any and all claims, settlements, judgments, and damages of every kind and nature made, to include all costs associated with the investigation and defense of any claim, rendered or incurred by or on behalf of the CRLCSWA, its officers, and employees, that may arise, occur, or grow out of any errors, omissions, or negligent acts, done by the Vendor, its employees, or any independent Party working under the direction of the Vendor in the performance of the Project.

LAWS AND REGULATIONS - The Vendor shall be governed, interpreted and enforced in accordance with all applicable federal, State of Iowa, and local laws, ordinances, licenses and regulations of a governmental body having jurisdiction and shall apply to any agreements throughout. The Vendor certifies that in working with the CRLCSWA, they will comply with all applicable provisions of the federal, state, and local laws, regulations, rules, and orders.

NO GIFT STANDARD - The CRLCSWA is committed to upholding the highest ethical standards in all business practices. This standard recognizes the need to avoid even the perception of improper gifts or favors to employees. Therefore, all Vendors have been asked to abide by the CRLCSWA's "No Gift" standard. The "No Gift" standard also applies to all offers of discounts or free items at any place of business targeted toward an CRLCSWA employee and not available to the public, regardless of the value.

NON-COLLUSION STATEMENT – The Vendor, or anyone in the employment of the Vendor, does not have a contract, agreement or arrangement, either oral or written, expressed or implied, contemplating any division of compensation for Services rendered under the Contract or participation therein, directly or indirectly, by any other person, firm or corporation, except as documented for the Project. Neither the Vendor, nor anyone in the employment of the Vendor, has either directly or indirectly entered into any agreement, participated in any collusion or otherwise taken any action in restraint of free competitive procurement.

NON-DISCRIMINATION AND EQUAL OPPORTUNITY - All Vendors that engage in agreements with the CRLCSWA agree as follows: The Vendor will not discriminate against any employee or applicant for employment because of race, creed, color, sex, religion, national origin, age, marital status, families with children, sexual orientation, disability or handicap, except where age and sex are essential bona fide occupational requirements, or where disability or handicap is a bona fide occupational disqualification. Such action shall include, but not be limited to the following; (a) Employment, (b) Upgrading, (c) Demotion or transfer, (d) Recruitment and advertising, (e) Layoff or termination, (f) Rate of pay or other forms of compensation, and (g) Selection for training, including apprenticeship. The Vendor further assures that managers and employees comply with both the spirit and intent of federal, state, and local legislation, government regulation, and executive orders in providing affirmative action as well as equal opportunity without regard to race, creed, color, sex, religion, national origin, age, marital status, families with children, sexual orientation, disability or handicap.

REGULATORY AGENCY COMPLIANCE - Compliance with laws and regulations set forth by regulatory agencies is required. These agencies include, but are not limited to, OSHA – Occupational Safety & Health Agency, EPA – Environmental Protection Agency, ICC – Interstate Commerce Commission, DNR – Department of Natural Resources, and DOT – Department of Transportation. The CRLCSWA expects that Vendors will offer expertise on conformance of regulations applying to the services they provide.

SUBCONTRACTING – The Services relating to this Project, or any portion thereof, may not be subcontracted without written approval from the CRLCSWA.

TAXES – The CRLCSWA is exempt from sales tax and certain other use taxes. Any charges for taxes from which the CRLCSWA is exempt will be deducted from invoices before payment is made. The CRLCSWA Tax ID number is 42-1416197.

WARRANTIES – The Vendor shall be responsible for all damages to property or persons resulting from the Vendor's negligent acts, errors, or omissions, and for any losses or costs to repair or remedy any services undertaken by CRLCSWA based upon the services because of any such negligent acts, errors, or omissions. The Vendor's obligations shall exist without regard to, and shall not be construed to be waived by, the availability or unavailability of any insurance, either of CRLCSWA or the Vendor.

ATTACHMENT A – GENERAL COMPANY INFORMATION FORM

Company Name _____

Company Address _____

General Description of the Company: _____

Type of Organization (franchise, corporation, partnership, etc.) _____

Number of years in business: _____

References

List three (3) customers who are current or have been served by your company within the last three (3) years with projects of similar scopes. (Name of firm, address, contact person, phone number)

Reference #1 - Name: _____

Address: _____

Contact Person & Phone: _____

Date & Description of Job: _____

Contract Value: _____

Reference #2 - Name: _____

Address: _____

Contact Person & Phone: _____

Date & Description of Job: _____

Contract Value: _____

Reference #3 - Name: _____

Address: _____

Contact Person & Phone: _____

Date & Description of Job: _____

Contract Value: _____

Personnel

Name and title of person overseeing the Agency account: _____

Office Phone: _____ Mobile: _____ Email: _____

Please attached information to this form demonstrating the Vendor's ability to meet the Service requirements outlined in the Request for Quotations.

ATTACHMENT B – VENDOR ACKNOWLEDGEMENT & PRICING SUBMITTAL FORM

Vendor Acknowledgements

Please acknowledge whether your quotation meets the items listed below. If not, please provide details and/or equivalency information for your quotation. Please attach additional information as needed:

1. The system shall consist of equipment mounted in a landfill compactor and a bulldozer, as well as an office monitoring station including:
 - Mobile GPS receivers.
 - Communication system.
 - Field equipment mounted computers.
 - A software package capable of analyzing GPS data to show density achieved; wheel patterns traveled; northing and easting; and elevation, relative to the landfill construction plan contained in the system memory.
 - All necessary cabling, wiring, hardware mounts, antennas and repeaters._____ Yes _____ No
If No, Detail _____

2. The software shall have the ability to control grade, show compaction patterns as color-coded wheel tracks, indicating path of travel and surface deflection. The software shall have the capabilities of showing the operator the boundaries for planned airspace, including grading and slopes. Surface deflection, as illustrated with color change in wheel tracks, shall be based on change in machine elevation and layer thickness. Pass counting systems are not acceptable.
_____ Yes _____ No
If No, Detail _____

3. The software should have an integrated 3D Visualizer to view the project as an interactive 3D model.
_____ Yes _____ No
If No, Detail _____

4. Software shall provide a Cloud-Based platform. The system should operate so that data can be accessible from remote locations in real time.
_____ Yes _____ No
If No, Detail _____

5. All field equipment shall be capable of interfacing with the office computer through a Wi-Fi or cellular data link for further processing of compaction, position data, and archiving.
_____ Yes _____ No
If No, Detail _____

6. The GPS equipment shall be fully functional at all points of the landfill. The Vendor shall provide equipment necessary to ensure that the GPS equipment is functional at remote locations and lower elevations of the landfill.
 Yes No
 If No, Detail _____

7. The software package shall be compatible with Windows 7, Windows 8 or Windows 10 64-bit operating systems.
 Yes No
 If No, Detail _____

8. All field equipment mounted computers and GPS equipment shall meet MIL-STD-810E for shock, vibration, and acceleration. All equipment shall be heavy duty, designed for mobile equipment use and capable of operating between -22 degrees F and 158 degrees F.
 Yes No
 If No, Detail _____

9. The software for the compactor and bulldozer should start up automatically in the morning, be ready to operate, and shall save data automatically at the end of each day.
 Yes No
 If No, Detail _____

10. The software system should, at the end of each day, automatically update the true terrain model of the existing grades, be capable of computing cover material, as needed, and compile data to generate a report that will indicate daily machine activity, calculate available airspace, and calculate the daily compacted volume of waste.
 Yes No
 If No, Detail _____

11. The system must be able to easily import or export surveying data. The system shall be able to import design data and export data collected in a format readable by AutoCAD, DXF, DWG or as a Microsoft Excel format.
 Yes No
 If No, Detail _____

12. System shall display real-time waste compaction including pass after pass surface deflection measurements to determine when the compactor achieves no appreciable compaction for the latest pass.
 Yes No
 If No, Detail _____

13. System shall be capable of checking grades, conducting surveys, locating stakes and display cut and fill information.
 Yes No
 If No, Detail _____

14. System shall have the ability for the operator to establish and record points with user defined text descriptions, actual elevation, and actual location (northing and easting).
 _____ Yes _____ No
 If No, Detail _____
15. The software shall allow for the addition of areas to warn equipment operators of hazards. When equipment passes into a hazard area, the equipment should notify the operator and log the information for later retrieval.
 _____ Yes _____ No
 If No, Detail _____
16. System shall perform basic diagnostics and troubleshooting via software.
 _____ Yes _____ No
 If No, Detail _____
17. System shall have the capability of being transferred to one additional onsite bulldozer
 _____ Yes _____ No
 If No, Detail _____
18. Entire system and each mobile component shall be usable in any brand of standard construction equipment.
 _____ Yes _____ No
 If No, Detail _____
19. Landfill equipment monitors shall be 10-inch or larger with touchscreen displays that are visible under high light and low light working conditions.
 _____ Yes _____ No
 If No, Detail _____
20. System shall have the ability for the operator and the office staff member to input/create multiple flat and incline plane designs independently.
 _____ Yes _____ No
 If No, Detail _____
21. The system should be equipped with a dual-heading antenna to allow for vehicle heading information without additional operator input.
 _____ Yes _____ No
 If No, Detail _____
22. The system should come equipped with a sensor to measure pitch and roll. This information should be displayed in a value on the main screen of the system. This information should also be reflected in a visual representation on equipment monitor.
 _____ Yes _____ No
 If No, Detail _____

23. The Vendor agrees to the Delivery and Setup; Service; Training; Warrantee; and Performance Bond requirements outlined in the Request for Quotations.

_____ Yes _____ No

If No, Detail _____

24. The Vendor agrees to the Terms and Conditions outlined in the Request for Quotations.

_____ Yes _____ No

If No, Detail _____

Vendor Pricing

The Vendor shall, at its sole cost and expense, provide, perform and complete in the manner described and specified in this Request for Quotations all necessary labor, services, transportation, equipment, materials, apparatus, information, data, freight and other items necessary to accomplish the Project as defined below, in accordance with the requirements described in this document. The Services will also include procuring and furnishing all approvals and authorizations, permits, and certificates and policies of insurance as specified herein necessary to complete the Project.

Description of Services	Firm Fixed Price
Price for Compactor GPS System (price shall include delivery, setup/installation, 3-year warrantee, and performance bond)	\$
Price for Bulldozer GPS System (including delivery, setup/installation, 3-year warrantee, performance bond, and additional machine wiring harness for transfer of system to a second piece of equipment)	\$
Onsite Training	\$
Other Annual Fees (fees associated with remote support, subscription for cloud-based software package, and other annual services, as needed for the system)	\$

Name of Company: _____

Company Address: _____

Authorized Signature: _____

Date: _____