



Blue Valley Golf and Country Estate

P O Box 116, Blue Valley Golf Estate, 0096
Mitrajaya Development Office; 72 Beaulieu Avenue
Blue Valley Golf and Country Estate, Rooihuiskraal Road, Centurion
Tel: (011) 318 1899
Reg No. 1999/018250/08

BLUE VALLEY GOLF AND COUNTRY ESTATE HOA NPC

PROCUREMENT POLICY

REQUEST FOR QUOTE (RFQ)

PHASE 2 CONTROL ROOM UPGRADE

RFQ Number:	BV/RFP/2021/10/03
RFQ Issue date:	10 November 2021
Deadline – Bid submissions:	23 November 2021 @ 12h00.
Contact person	Infrastructure Manager
Email address:	infrastructure@bvhoa.co.za
Enquiries:	Email questions to infrastructure@bvhoa.co.za . All questions should be emailed on or before 15 November 2021 @ 12h00 . No late questions will be attended to after this deadline.
Submission:	Submission must be done electronically to infrastructure@bvhoa.co.za ; no hand delivery will be accepted

INTRODUCTION

Blue Valley Golf and Country Estate is a private, secure residential estate comprised of one thousand five hundred (1500) residential stands. The Estate is managed by Blue Valley Homeowners Association (BVHOA), set up for the specific purpose of managing the Estate's affairs on behalf of its members.

TECHNICAL SPECIFICATION FOR ROAD MARKING MACHINE – FOR ENQUIRY INTRODUCTION

As part of the road maintenance strategy, BVHOA intend to procure road marking equipment and machinery. This document details some of the key technical requirements for the proposed road marking machine.

1. SCOPE OF WORK

The scope of work must be executed in accordance with BVHOA procurement Terms and Condition and this technical specification.

Supplier/Bidder to indicate that the minimum requirements as set out in this specification are met, BVHOA reserves the right to return any product(s) that do not meet the specification.

1.1. Supply of 1x road marking machine with the following features (table 1).

Table 1

Item	Specification
Machine Type	Mobile trolley with petrol/diesel generator compressor
Paint Tank	Minimum 20L Capacity Tank and agitator with vertically mounted agitating arm.
Paint Type	Road Marking Paint or equivalent. Cold application.
Glass Bead	<ul style="list-style-type: none"> - Bead storage minimum 15kg - Automatic quantitative dispenser synchronous with paint screeding system.
Spray	<ul style="list-style-type: none"> - 1x handheld spray with connecting hose containing minimum length of 6m - 1x trolley handle operated spray.
Marking	Manual Screeding with marking shoe (100 mm and 150 mm marking shoe). Marking thickness of 1.0mm - 3.0 mm

Pointer Guide	Front Mounted Pointer Guide adjustable according to laying shoe size.
Rear Wheel	Lockable directional device
Mass and Size (footprint)	Tool Box Kit & Storage. Typical extent = 1200 X1000x1000mm or less. Net mass = 200kg or less
Delivery/Packaging	Standard Export Packing in Wooden Box.

2. SCOPE OF SUPPLY

- 2.1. 1 off road marking machine.
- 2.2. Operation and Maintenance manual.
- 2.3. Machine packaging for transportation.
- 2.4. Delivery to Blue Valley Golf and Country Estate.
- 2.5. Onsite training and demonstration.
- 2.6. Warranties and Guaranties.

3. BATTERY LIMITS

- 3.1. N/A

4. EXCLUSIONS

The following items to be supplied by BVHOA.

- 4.1. Tarred Road for testing.
- 4.2. Paint and Glass Bead for testing.

5. OPERATIONAL AND ENVIRONMENTAL CONDITIONS

- 5.1. The design will apply to Blue Valley Golf and Country Estate, Kosmosdal Centurion, Tshwane Gauteng.
- 5.2. General Conditions of Area:
 - 5.2.1. Site Altitude : 1489m above sea level.
 - 5.2.2. Atmospheric Pressure : 102.7kPa
 - 5.2.3. Minimum Temperature : -3°C
 - 5.2.4. Maximum Temperature : 33°C
 - 5.2.5. Average relative humidity : 30%
 - 5.2.6. Average total annual precipitation : 725mm

6. GENERAL REQUIREMENTS, SPECIFICATION, STANDARDS AND REGULATIONS

- 6.1. The following specifications, standards and regulations shall form part of this specification and shall be the basis of any contractual agreement between Contractor and the Employer.
 - 6.1.1. OCCUPATIONAL HEALTH AND SAFETY ACT No. 85 of 1993

6.1.2. SOUTH AFRICAN ROAD TRAFFIC SIGNS MANUAL SARTSM – VOL 2
Road Markings.

6.1.3. ASME B31.1 – CODE FOR PRESSURE PIPING

6.1.4. ASME B16.34 – VALVES – FLANGED, THREADED AND WELDING
END.

6.1.5. ISO 9001 – QUALITY MANAGEMENT SYSTEMS.

6.1.6. ISO 14001 – ENVIRONMENTAL MANAGEMENT SYSTEMS.

6.1.7. ISO 45001 – OCCUPATIONAL HEALTH AND SAFETY MANAGEMENT
SYSTEMS.

6.2. Where conflict may exist between various general specifications, standards, and codes of practice, etc., the most stringent requirement (as defined by the *Employer*) shall apply. For any deviation from specifications, the *Contractor* to state on proposal letter. *Employer* to approve any deviation.

7. DESIGN AND FABRICATION

7.1. Supplied equipment to comply to the requirements highlighted in this specification.

7.2. Ensure the minimum life expectancy of the machine assembly and its constituent parts must be eighteen (18) months before inspection is required and Thirty-six (36) months before any component replacement will be necessary.

7.3. Guarantee the workmanship and general fabrication procedures shall be in accordance with the best modern practice.

8. CORROSION PROTECTION AND PAINTING

8.1. Equipment must be painted using an approved painting procedure.

8.2. Painting to be guaranteed as per paint manufacture specification used.

8.3. Machine to be used outdoors, note conditions in section 5.

9. ASSEMBLY, INSPECTION/TESTING AND OPERATING

9.1. Contractor to satisfy himself that all fabrication quality control measures were followed.

9.2. Contractor to schedule a test demonstration with Employer before the contract/purchase order can be closed.

9.3. Contractor to give comprehensive operating and maintenance manual as part of hand over documentation.

9.4. Contractor to give Spare list with brand, part number and current price of spares required.

9.5. The *Contractor* must advise on any special precautions that must be taken during lifting, assembly and operation of the equipment provided.

9.6. The *Contractor* must provide a detailed lubrication instruction for the equipment if applicable. The specification of the lubrication and frequency of re-lubrication shall also be specified by the *Contractor*

10. PACKING AND MARKING



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- 10.1. Machine to be packaged in a safe manner for shipping and transportation.
Loose items to be secured in a neat manner.
- 10.2. Equipment shall be marked with the following:
 - 10.2.1. *Contractor's* name.
 - 10.2.2. *Employer's* Contract number.
 - 10.2.3. *Employer's* Order number.
 - 10.2.4. Drawing and item number.

11. QUESTIONS REGARDING THE CONTENTS OF THE RFP DOCUMENT

- 11.1. The Service Providers have a responsibility to go through this RFQ document and raise any questions or clarifications with BVHOA Infrastructure Manager via email at infrastructure@bvhoa.co.za. BVHOA will not accept any liability whatsoever regarding misinterpretations, or wrong assumptions that could have been clarified with the Infrastructure Manager.
- 11.2. The deadline for submitting questions for clarifications is **15 November 2021 at 12h00**. After this deadline, no further questions will be entertained. Answers to questions will be forwarded to all Tenderers.

12. SUBMISSION

- 12.1. Submission must be done electronically; no hand delivery will be accepted.
- 12.2. All submissions must be emailed to infrastructure@bvhoa.co.za.
- 12.3. **Closing date: 23.11.2021 @14h00.**
- 12.4. No late submission will be accepted.