

# Royce Bulk SMS API

Features:

- Uses REST API.
- Authentication is done via Bearer token in the header.
- To send an sms we expect the data:
  - sender\_id
  - text\_message
  - phone\_number

## Sample code

python request

```
import requests
token=""
url = "https://roycebulksms.com/api/sendmessage"
# Headers including Authorization
headers = {
    "Authorization": f"Bearer {token}",
    "Content-Type": "application/json"
}
# Data to be sent in the POST request
data = {
    'sender_id': 'RoyceLtd',
    'text_message': "Thank you testing our bulk sms service",
    'phone_number': "+254713727937"
}

# Make the POST request
response = requests.post(url, json=data, headers=headers)

# Check the response
if response.status_code == 200:
    print("Request successful:", response.json())
else:
    print(f"Request failed with status code {response.status_code}: {response.text}")
```

**Expected response**

```
{  
  'message': 'Messages sent successfully',  
  'code': 1, 'status': 'Sent To Network',  
  'response_description': 'Sent To Network',  
  'message_id': '9e1e12fa-9bed-4bf6-af8e-53e0e7474b4a'}  
}
```

Sample code in php CURL

```
<?php

$url = "https://roycebulksms.com/api/sendmessage";

// Bearer token
$token = "";

// Data to be sent in the POST request
$data = [
    'sender_id'=> 'RoyceLtd',
    'text_message'=>"Thank you testing our bulk sms service",
    'phone_number'=>"254713727937"
];

// Initialize cURL session
$ch = curl_init();

// Set cURL options
curl_setopt($ch, CURLOPT_URL, $url); // Set the URL
curl_setopt($ch, CURLOPT_RETURNTRANSFER, true); // Return the response as a string
curl_setopt($ch, CURLOPT_POST, true); // Specify it's a POST request
curl_setopt($ch, CURLOPT_POSTFIELDS, json_encode($data)); // Send the data as JSON
curl_setopt($ch, CURLOPT_HTTPHEADER, [
    'Authorization: Bearer ' . $token, // Add Bearer token
    'Content-Type: application/json', // Set content type to JSON
]);

// Execute the request and capture the response
$response = curl_exec($ch);

// Check for cURL errors
if ($response === false) {
    echo "cURL Error: " . curl_error($ch);
} else {
    // Print the response from the server
    echo "Response: " . $response;
}

// Close the cURL session
curl_close($ch);
```

### Expected response

```
{  
  "message": "Messages sent successfully",  
  "code": 1, "status": "Sent To Network",  
  "response_description": "Sent To Network",  
  "message_id": "9e1e17e1-6026-44fb-8c67-1672c8bfae3b"  
}
```