AIIMS, BHOPAL
CENTRAL STORES DEPARTMENT
Dispatch No........2983
Date:.....23./12./2023

Ref. No.: AIIMS/BPL/Stores/HA/Navigation/166(i)/23-24/ 2983   Dated: 23/12/2023

Subject: Proposal for the procurement of " Hardware free Navigation Software App for AIIMS Campus (Outdoor) & Hospital Building (Indoor) Proprietary basis for AIIMS Hospital Bhopal Inviting comments there on.

The request received from Hospital Administration Department, AIIMS Bhopal, for the purchase of captioned Item **from (OEM) M/s Mapsted Corp.Suite 200,200,Matheson Blvd W, Mississauga, Ontario, Canada through its authorized sales and servicing distributor M/s Mapsted Technologies India Pvt Ltd. Ludhiana on proprietary basis.**

The Notice is being uploaded for general information of Aspirant Manufacturer/Dealer/Distributor to submit their objections/proposal, if any, on proprietorship of these items.

In case, the product of any Manufacturer/Authorized distributor/dealer conforms to the enclosed specifications, they may submit their proposal for the supply of the same along with the following:-

(i)   Details of the required product Brochure;
(ii) Point-by-point compliance of the enclosed specifications, along with all relevant documentary evidence;

The objection/ proposal should be sent in sealed cover to **The I/c Sr. Procurement cum Stores Officer, Central Store, First Floor, Service Building, AIIMS, Saket Nagar, Bhopal- 462020** so as to reach on or **before 01./01./2024 upto17:00 Hrs.,** failing which it will be presumed that no any other vendor is interested to offer comments/protest and case will be decided accordingly on its merit.

The reference number: AIIMS/BPL/Stores/HA/Navigation/166(i)/23-24/2983/dated23./12./2023 Due on 01./01./2024/ should be super scribed on sealed envelope.

I/c Sr. Procurement cum Stores Officer.
For and on behalf of the Executive Director, AIIMS Bhopal.
वरिष्ठ क्रय सह भंडार अधिकारी
Sr. Procurement Cum Stores Officer
केन्द्रीय भंडार विभाग
Central Stores Department
एम्स, साकेत नगर, भोपाल (म.प्र.)
AIIMS, Saket Nagar, Bhopal (M.P.)

Encl: 1. PAC Certificate
      2. Schedule of requirement
      3. Detailed Scope of Work

Proprietary Certificate

We Mapsted Corp. Suite 200, 200 Matheson Blvd W, Mississauga, Ontario, Canada , hereby certify that below mentioned product is proprietary item of Mapsted Corp Canada.

The below mentioned product are developed by and only for Mapsted Corp Canada

S. No	Article no	Items
1	AIIMS Bhopal	Mapsted Indoor location navigation system

M/s Mapsted Technologies India Pvt Ltd 315, Bhai Randhir Singh Nagar Ludhiana Punjab 141001, providing IT support services of Indoor location navigation system to Mapsted Corp, is an associated company of Mapsted Corp Canada.

Only Mapsted Technologies India Pvt Ltd or any other authorised representative as a appointed by Mapsted Technologies India Pvt Ltd is authorised to bid, negotiate, sell and conclude the contract in regard to this business in India.

Date 04/12/2023

For and on behalf of We

Mapsted Corp. Suite 200, 200 Matheson Blvd W, Mississauga, Ontario, Canada

Paramvir Nagpal
Digitally signed by Paramvir Nagpal
Date: 2023.12.04 21:34:48 -05'00'

Paramvir Singh Nagpal

CEO

Mapsted Corp.

Schedule of requirement

S.No.	Items	Required items
1	Mapsted Indoor Location Navigation System	1

Detailed Scope of Work

Outdoor mapping -

The campus is spread over 143 Acres of land with multiple buildings including Academic Building, Hospital Building, Central Library, Ayush Building, Hostel Buildings, Residence Complex and Service Buildings etc and any other new buildings coming up in future to be mapped in the proposed solution.

Indoor mapping -

The AIIMS Hospital Building is a five-story structure with an area of around 1,14,383 square meters with all clinical departments and other support services.

Smooth transition from Indoor to Outdoor and vice versa to be facilitated in the solution

Features of the Indoor Mapping Solution:

- Digital Complete hard ware free Solution with 2D & 3D and 205D/3D map support for way finding with localization, IPS and navigation facility blue dot support within 1,14,383 square meters stand-alone 5 stories hospital building, AIIMS Bhopal. The users will choose 2D and 205D/3D maps based on their mobile phone capabilities. Supports multi floor Plans.

- Server provision will be provided by AIIMS Bhopal if the vendor, the safety and security risk AIIMS Bhopal stands indemnified.

- **Complete hard ware free** solution with way finding, localization, navigation throughout the building. Server provision will be provided by AIIMS Bhopal.

- Web Based and App based (Android and iOS) solution with outdoor support navigation between building and indoor navigation support hospital building

- **Project Details :**

- Good and easy to operate user interface, easy to search and find facility to locate clinical services, staircases, lifts, wash room etc through proper colour coding. The internal circulation routes to be prominently displayed along with designated point A to point B route. Floor directories to be created and floor wise facilities to be mapped for choosing origin point & destination points.

- Voice and text (English and Hindi) support to facilitate navigation from point A to point B. Shortest route to destination automatically calculated and directions to be available in text and voice mode. Track Intended vs Actual Navigation and Alert if deviated. Messages to the targeted groups marked as 'reached your destination etc.

- A console to AIIMS Bhopal to effect minor changes in the floor directory from time to time.

- In built SLA monitoring tool provision along with complete data analytic of the solution.

- Incorporation of a specific provision like a panic button- to locate emergency fire exits, fire assembly points etc.
- Provision for push messages - disseminating information relevant to the health care and of the Institution.
- Area of interest to be in the landing page
- Room Numbers if provided the same to be incorporated at any stage of project duration of 5 years apart from updating outdoor and indoor maps time to time as required including of any new building in the outdoor maps.
- Identifiers of different places and ability to pin or select any place
- 5000 Concurrent user session
- 10000 Simultaneous Peak Users
- The app will be available in both English and Hindi primarily.
- The Digital solution should be upgraded with latest technology as needed and available with the vendor, to enhance the user convenience without any additional charge to AIIMS Bhopal within the contract period.
- Suitable administration Module covering :

Easy to update room numbers/ building reference incase of any change

Update any temporary blockage or construction

Data collection, Master monitoring system for all active personnel using indoor navigation system

Service request capability to raise any concern to support team

Go live criteria and other prerequisites for User acceptance

- Response time of mobile application will be<5 seconds
- Fulfilling the technical Specification.
- All functionality of Web and mobile application to be tested
- Hardware (AIIMS Server) and software (As provided by Service provider) integration to be tested
- All functionality of Admin module to be tested
- SLA monitoring tool functionality to be tested
- Third party security audit report to be submitted before going live
- Third party performance testing report to be submitted before going live
- Third party functional testing report to be submitted before going live