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ADDENDUM FOR SUPPLY, DELIVERY AND INSTALLATION OF DISASTER MANAGEMENT COMMUNICATION AND INFORMATION SYSTEM OVER A PERIOD OF 3 YEARS
BID NO: COMM-B030/23/24

Date: 18/09/2023

The addendum serves to add specification for hardware, correct pricing schedule by adding sms, tablet and extend the closing date for supply, delivery and installation of Disaster management communication and information system over a period of 3 YEARS. The municipality has extended the closing date to 6th October 2023 before 12h00

1. See attached revised Specification.
2. See attached amended pricing schedule.
3. Due to complains from suppliers that the scope of work needs more time for them to gather required items:
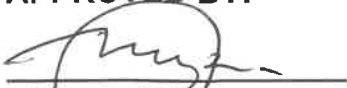
See below extended date:

PROJECT NAME	CONTRACT NO.	EXTENDED DATE AND TIME FOR CLOSING
SUPPLY, DELIVERY AND INSTALLATION OF DISASTER MANAGEMENT COMMUNICATION AND INFORMATION SYSTEM OVER A PERIOD OF 3 YEARS	COMM-B030/23/24	06th October 2023 before 12h00

RECOMMENDED BY:

MISS N. HOLIWE
SCM MANAGER

APPROVED BY:

MR. N.C. VEZI
MUNICIPAL MANAGER
I acknowledge receipt of this Addendum No.1

Name:...

Signature:..

Date:...

Name of Tenderer (Company Name):..

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SPECIFICATION

The Dr Nkosazana Dlamini – Zuma Municipality hereby requests quotations from suitably qualified and experienced service providers to Supply, Deliver and Installation of the Disaster Management Communication and Information System over a period of 3 years. The successful bidder will be required to deliver as per the following specification:

Enabler 1 focuses specifically on priorities related to the establishment of an integrated and comprehensive information management and communication system for disaster risk management. The system must address the information and communication requirements as well as the need to establish integrated communication links with all disaster risk management role players in national, provincial and local spheres of government. The priorities related to the establishment of an integrated and comprehensive information management and communication system for disaster risk management are as follows:

- Identify data needs and data sources.
- Ensure that the information management and communication system supports the objectives of the key performance areas and enablers identified in the national disaster management framework.
- Identify and incorporate additional specialized functionalities in the design of the information management and communication system for disaster risk management.
- Develop an integrated information management and communication system for disaster risk management.

- The application will serve as a basis and core for further development of the Municipal DMIS that address all the key performance areas (KPAs) of the National Disaster Management Framework of 2005 and that of the Dr. NDZ municipality.

- The system must be extensible to enable integration with other applications such as the national and Provincial disaster management information systems, emergency response computer aided dispatch systems, fire services, traffic management systems, SAWS and meteorological and hydrological early warning systems which will allow for the automated receipt of incident reports and other relevant information.

- The Disaster Management Communication and Information Systems must further be designed to facilitate the integration of digital technology for the disaster management environment. It must be a configurable platform that integrates mobile data collection tools with web data management, workflow and web GIS to support disaster management role-players.

- The system must make provision to facilitate Response & Recovery Operations supporting a coordinated and integrated response and recovery effort, encompassing the dissemination of early warnings, guidelines for the assessment, classification, declaration and review of a disaster, establishing standardized and regulated relief measures and ensuring integrated rehabilitation and reconstruction activities conducted in a developmental manner.
- The system must be able to integrate with 3rd party applications and other legacy municipal systems in support of a fully integrated approach to both emergency and non-emergency functions required of the municipality

FRS ID	REQUIREMENTS	DESCRIPTION
FR1- MOBILE APPLICATION		
FR 1.1	Android based	A fully customizable Android based mobile application with data validation options for capturing assessment data.
FR 1.2	GPS	The mobile application must be able to capture GPS co-ordinates.
FR 1.3	Photographs	The mobile application must be able to have capture photographs.
FR 1.4	Online/offline capability.	The mobile application must have online/offline capability.
FR2- DAMAGE AND NEEDS ASSESSMENTS		
FR 2.1	Mobile Data Capture	Capture Damage and Needs Assessments using mobile application. Information must be automatically uploaded and ready to view and edit within the DMIS.
FR 2.2	Dashboard views	Dashboard views to monitor assessment teams and importance indices.
FR 2.3	Data View	Data view to edit entries in the web-based system
FR 2.4	Spatial View	Spatial (GIS) interface to view, add and edit spatial maps
FR 2.5	Automated reporting	Reporting options to draw reports based on their own filter criteria
FR 3- HAZARD IDENTIFICATION		
FR 3.1	Mobile data capture	Capture hazard-related data, including photos and GPS locations, using mobile application. Information must be automatically uploaded and ready to view and edit within the DMIS
FR 3.2	Hazard Identification	Fieldworkers will be able to use the mobile application to Once an assessment is

		complete, it is automatically uploaded to the portal a printable/exportable excel report and online map is available on the system. Through this process, the client ensures that for each hazard identified there is documentation to support the analysis and risk reduction plans related to its outcome. Further, the assessments offer an opportunity to take photos of the areas that are vulnerable to the hazards.
FR 4: RISK ASSESSMENT		
FR 4.1	Risk Assessment	This supports the process of assessing of disaster risk as well as prioritization of risks based on the likelihood and consequences of occurrence. Disaster Risk Assessment is used to initiate research activity and provides the corporate knowledge base for known risks and mitigations.
FR 4.2	Risk Mapping	Supports the mapping of areas/communities that are most vulnerable in the municipality, maps generated by the GIS system will assist the Municipality to know the exact areas/communities affected by the different hazards identified.
FR 5- RISK REDUCTION PROJECTS		
FR 5.1	Risk Reduction Projects	Supports the planning and implementation of risk reduction initiatives through capturing information such as the priority rating, risk category, description of the project, location of the project, estimated budget, sector responsible and project duration.
FR 6- COMMUNICATION AND EARLY WARNING		
FR 6.1	Emails and SMS notifications (Bulk)	Dissemination of automated and custom email and SMS notifications.
FR 6.2	Auto-generated reports	Sending of autogenerated reports, including incident and damage assessment information, to management.

FR 6.3	Bulk communication and early warning	Dissemination of bulk communication such as early warnings to predefined groups.
FR 6.4	Hardware	Computer Name: DESKTOP-5909UB
		Operating System: Windows 10 Enterprise 64-bit (10.0, Build 19045)
		Language: English (Regional Setting: English)
		System Manufacturer: Micro-Star International Co., Ltd.
		System Model: MS-7B79
		BIOS: H.CO
		Processor: AM Ryzen 5 solO b-ore Processor
		Memory: 16 GB RAM
		Page file: 16 GB
		Direct Version: Direct 12
		Name: NVIDIA GeForce GTX 1660
		Manufacturer: NVIDIA
		Chip Type: NVIDIA GeForce TX 1660
		DAC Type: Integrated RAMDAC
		Device Type: Full Display Device
		Approx. Total Memory: 14133 MB
		Display Memory (VRAM): 5980 MB
		Shared Memory: 8153 MB
FR 7- DOCUMENT STORAGE AND SHARING		
FR 7.1	Document storage and sharing	The system should provide a centralized, customizable and secure document

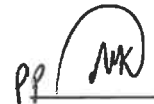|		repository, for the sharing and storing of information.
FR 8 – LIVE MONITORING		
FR 8.1	Live monitoring	Common operating view to monitor data in real-time.

FR 8.2	Computer aided dispatching	The CAD- Emergency Dispatch System must seamlessly integrate with the Disaster Management Platform and must include:
		    -GIS-Maps and Data Display System
		    -LBS-Multi-vendor GPS-location tracking data
		    -MS- Bulk Alerting system
		    -MDTM- Mobile Data Terminal Management

FR- 9 MONITORING AND EVALUATION		
FR 9.1	Monitoring and Evaluation	Section 21 of the Disaster Management Act, Act 57 of 2002 (as amended) requires that the National Disaster Management Centre must – (a) monitor (iii) compliance with key performance indicators envisaged in Section 7(2)(m) of the Act. The system should have the functionality to allow users to evaluate the status of the level of compliance per the specific Organ of State's Disaster Management Programs as set out for each key performance indicators and enablers in the National Disaster Management Framework.
FR 10- EVENTS MANAGEMENT		
FR 10.1	Events Management	The system should allow users to capture new events and easily complete the SASREA event Compliance Safety Checklist.
FR 11- GENERAL		

FR 11.1	Hosting	Cloud based
FR 11.2	User access	To ensure that data remains accurate, there must be various levels of user access. The system must allow users to have different levels of access per stakeholder.
FR 11.3	Permission types	Each user must be assigned a Permission Type. The System must make provision for different Permission Types as each User has a different need and purpose when using the System.

RECOMENDED / NOT RECOMMENDED

APROVED /NOT APPROVED

Miss Z Mata
Senior Manager:CSS

Mr N.C Vezi
Municipal Manager

MBD 3 – PRICING SCHEDULE

SUPPLY, DELIVERY AND INSTALLATION OF THE DISASTER MANAGEMENT COMMUNICATION AND INFORMATION SYSTEM OVER A PERIOD OF 3 YEARS

The installation of the system must be projected over a period of three years with special outline of implementation requirements for each year starting in 2023/2024.

			YEAR 1	YEAR 2	YEAR 3
item	Units	Unit Price	Total Price	Total Price	Total Price
DIMS license fee	1				
Integration of CAD with DIMS license fee	1				
Configuration and set up	1				
Hardware (See specification on page	1				
Maintenance and support	1				
SMS	1				
Android Tablet	1				
Training	1				
Sub-total					
VAT					
Total					