

Computer No. : 65981  
INFORMATION TECHNOLOGY DEPARTMENT  
NEW DELHI MUNICIPAL COUNCIL  
PALIKA KENDRA: NEW DELHI

No. D-DFA/ 1118

Dated: 25.01.2021

M/s \_\_\_\_\_

**Sub: Budgetary Quotation for Implementation/develop Block chain base infrastructure for record management system and migrate Birth and death, Estate and property tax database in block chain technology**

Dear Sir,

Please quote your Budgetary Quotation for Implementation/develop block chain base infrastructure for record management system and migrate Birth and death, Estate and property tax database in block chain technology in NDMC Data Center with quotation no. and date. Your sealed quotation must reach this office by 3:00 P.M. on due date i.e. 05/02/2021. Quotation received shall be opened at 3:30 P.M. on same date in the presence of suppliers or their authorize representative who may desire to attend in room of Joint Director (IT) at Room No. 7001, 7th Floor NDMC, Palika Kendra, New Delhi-110001.

**It shall be responsibility of quotationer to ensure that their quotation reaches in time. As quotation received after the due date and time will not be entertained.**

**Project implementation financial with timeline for implementation of Block chain Technology in NDMC:-**

<b>Sr No</b>	<b>Description</b>	<b>Time Line (Approx)</b>	<b>Total Price (Tax Extra)</b>
1	Block chain base infrastructure for record management system (One time cost)	T+2 (Month)	To be quoted by the Bidder
2	Birth and Death database will be migrated in block chain technology With 1 year Technical Support (after Go Live)	T+3 (Month)	
3	Estate and property tax data will be migrated in block chain technology With 1 year Technical Support (after Go Live)	T+ 5 (Month)	

	Total Price (Tax Extra)		

**Scope of Work:**

NDMC move ahead in the area of digitization of citizen centric services and department fully dependent on functional of application to provide services to citizens. In this regard, IT department is intended to migrate all record related database in block chain technology and to implement/develop the block chain based database environment for Record management system (RMS) for all the application related to keeping records for prevention of tempering the records. Once the environment will be created for the block chain technology, the vendor/OEM has to be migrate all records related to databases in block chain technology in phase manner. Initially, following applications will be migrated in block chain technology in phase manner.

1. Birth & Death
2. Estate
3. Property Tax

These above applications are already ruing in NDMC data center. NDMC want to migrate above applications database in block chain technology without changing of citizen portal

1. Following minimum Features of Block chain Based System is required
2. Security in terms of integrity, authenticity and epoch of vital data
3. Seamless authentication
4. Physical submission of documents not essential
5. The platform records and maintains the hash of digital artifact in a tamper-proof manner
6. Issues receipts include hash and an embedded QR code which can be used for future verifications
7. Dashboard for indicating match/mismatch after verifying with block chain details
8. Malware Resistant
9. A trust across the parties

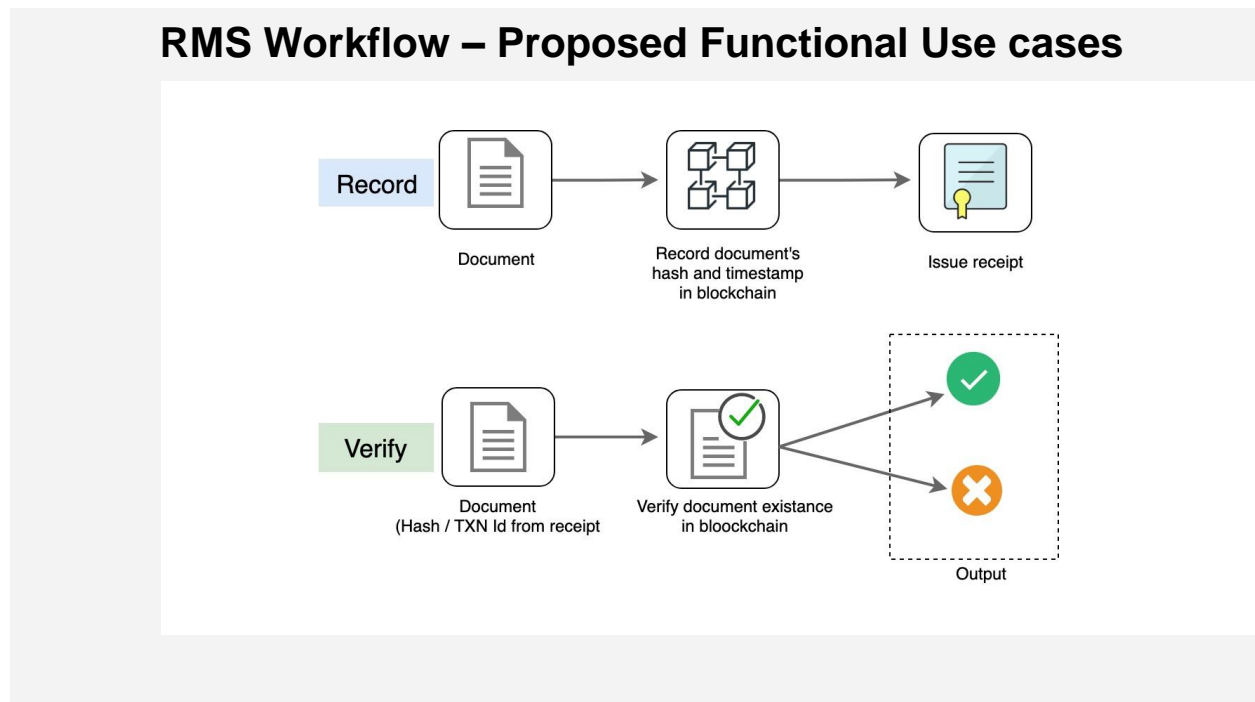
Following minimum Features of Block chain Based System is required

Features	Block chain Based System
Security	Secured distributed data storage
Immutability	Data is immutable
Transparency	Data Level Transparency

Flexibility	<ul style="list-style-type: none"> <li>Any digital asset can use block chain, including difficult-to-protect items like multimedia and email records.</li> </ul>
Efficiency	<ul style="list-style-type: none"> <li>Fewer people mean faster turnaround. Transactions that might take days waiting for multiple sign-offs can be concluded in seconds.</li> </ul>
Governance	Out-of-the-box available

### Technical Solution:

The Proposed Solution must have:



Vendor /OEM have to be providing following Documents/technical solutions which will be required for implementation of Block Chain Technology in NDMC: -

1. Complete solution document including no of nodes required, any license software required, work flow, process of migration of data, application dependency etc.
2. Since existing application is already running. The firm/OEM/Bidder has to provide the requirement of the changes required in respect of application etc.
3. The firm/OEM/Bidder has to be providing the details (technical & financial) if any missing in this budgetary quotation.
4. After Successful implementation of all the 3 above mentioned applications. if NDMC intend to migrate the similar type of application (for record management) .NDMC will pay separately after the codal formalities.
5. If firm/OEM/Bidder will not provide the complete solutions, dependency & requirement, NDMC will be reject their budgetary quotation.
6. The firm/OEM/Bidder having the turnover of at least 10 cr. In the last 3 financial years in IT sector.

**Terms & Conditions:**

**Rates:** Rates shall be written in figure as well as in words (English).

**Validity:** The rates should hold goods for three months from the date of opening of quotations the validity quoted less than three months will not be taken in to consideration.

**No hidden cost.**

**Applicable Taxes:** - The price quoted by quotationer should be exclusive of all taxes.

Quotationer may contact for any query or technical clarification to JD (IT), Room No. 7001, 7<sup>th</sup> Floor, IT Department, NDMC, Palika Kendra. The bidder may forward their queries regarding clarification to [jd.it@ndmc.gov.in](mailto:jd.it@ndmc.gov.in) or contact at 41501367 before 48 hours of last submission date & time of budgetary offer.

**Quotationer is requested to read the specification and other terms and conditions carefully and make offer very clear and specific in all respect. The quotation with any condition would be rejected out rightly. Any ambiguity noticed in the quotation will rendered not eligible and will therefore be ignored without making any further reference even if the firm may emerge the lowest quotationer.**

S/d

Joint Director (IT)  
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