STATEMENT OF CASE FOR DEVELOPMENT OF WEBSITE FOR ARMED FORCES MEMORIALS

1.	Unit/ Directorate/ Office initiating the SoC	IHQ of MoD (Army), AG/ CW-2
2.	Name of the items/ services being procured	Website for Armed Forces Memorials
3.	Aim	Development of Website for Armed Forces Memorials
4.	Justification	Based on the dirn of VCC, as also to highlight the the saga of valour, mil ethos & traditions enshrined in the archives of war memorials be made easily accessible to the citizen of the country which will act as a source of motivation, further str the sense of National Integration and to pay homage and in remembrance of Killed in Action. Issue has been discussed in VCC that in addn to e-Museum proj of the three services led by IA, there is a need to digitize all war memorials of the three services and link them with the NWM&M website. VCOAS remarked that proj can be initiated as part of 100 days agenda under a lead service and completion of the proj should be expedited. VCC dir the fwg:- (a) IA to be the lead Service for the project of 'Digitization War Memorial of three Services' incl linking with NWM website. Proj to be completed in a time bound manner. (b) The project may be initiated as part of 100 days agenda.
5.	Broad Purpose	To showcase the Armed Forces Memorials through internet to the general public
6.	Category of Proposal	Website on internet
7.	Current System	NA
8.	Estimated cost and timelines	
9.	(i) Cost	Approx 2 Cr (for 110-120 memorials if IA, Air Force and Navy)
	(ii) Timelines	12 months
10.	Availability of funds	Through DG IS
11.	Competent Financial Authority	DG DC&W
12.	Mode of Tendering	GeM
13.	Purpose	To highlight the saga of valour, mil ethos & traditions enshrined in the archives of war memorials be made easily accessible to the citizen of the country which will act as a source of

		motivation, further str the sense of National Integration and to pay homage and in remembrance of Killed in Action.
14.	Beneficiaries and Mgt Users	Gen public
15.	Name of Organisation	Armed Forces
16.	Hosted on	Internet and to be linked with NWM&M website
17.	Brief details of SW platform and tech stack proposed for devp of appl incl op sys dependences (if any)	The Software is a web application being devp to showcase memorials of Armed Forces to general public. **Platform overview** Operating system (OS) Requirements • Window server 2016 or later • Windows 10 or later System software requirements • NET Framework or 4.7 or above (c#) • SQL server 2008 R2 or above • Web server ..IIS7 or above • Libraries needed (jquery 3.5,bootstrap4.5, Amchart, spirepdf, Rezorengine) • HTML, CSS, , Javascript, Angular, Vue.js, React • Python, PHP, Ruby & Java alongwith frameworks like Django, Mango, Larvel, Ruby on Rails. • Browser compatibility : Compatible with all major browsers viz Google chrome, Safari or Mozilla Firefox etc Hardware requirements • Minimum RAM 16 GB for server and processor intel i5 or above • Disk space 60 GB or above (for storage of data base) Recommended Screen resolution (for client 1080 X1920) • Hosting: NIC-C
18.	Brief details of proposed network and bandwidth reqmts	To be hosted on NIC-Cloud
19.	Brief details of OS & Sys software reqmts	**Operating System (OS) Requirements**: • Windows Server 2016 or later • Windows 10 or later **System Software Requirements**: • NET Framework 4.7 or above • Sql Server 2016 or above • Web server:IIS7 or above • Libraries needed (jquery 3.5, bootstrap4.5 amchart, spriepdf, razoreginc) **Hardware Requirements**: • Minimum RAM 16 for server and CPU specifications intel i5 or above • Disk space 60 GB or above
20.	Brief details of proposed data	**Encryption and Secure Communication:**

		security measures incl backup of data	• Will use the strong encryption technique to protect sensitive data in transit and also use SSL/TLS certificates to ensure secure communication over HTTPS. **Authentication and Authorization**: • Application is fully protected with the user rts based on defined user roles. **Password Policy**: • The password policy used as per CERT-IN user policy. **Secure Database Access** • Application using the OEM provided data base connection provider which is not dependent on the database platform database connection strings securely stored. Used secure storage mechanism like environment variables, key vault, or configuration managers **Data Back up and Disaster Recovery**: • Windows based tool (exe) takes database backup as bkp format every 3 hours automatically. The backup file is store in specified path. **Session Management**: • Session cont management for logging users. • Controlled URL hijacking.
21.		Brief details of proposed database engine to be used in the appl	MS SQL Server using Sql Server with ASP NET MVC.
22.		Details of SW architecture and COTS SW proposed to be utilized	Open source MVC PHP Framework
23.		Details of Proposed architecture centralize/ Federated/ hybrid	Hybrid software/ MVC architecture
24.		Brief details of proposed ultization of Public Key Infra (PK) and Iden and Access Mgt (IAM)	Public Key Infrastructure and identity and Access Management are two important components in the fields of cyber security and identity management • **Public Key Infrastructure** : PKI framework has been impl as a part of SQL security mgt to apply technologies, polices, and procedures for managing digital identities, encryption and authentication, data integrity and authentication in network environment
25.		Technology dependencies (if any)	As mentioned in pt no 17
26.		Database reqmts	As mentioned in pt no 17
27.		Enhancement/upgradation (incl patch mgt/SW updt procedure and mechanism)	Through SW upgradation application
28.		Details of licensing (if any)	NA

RECOMMENDATION OF DIRECTOR GENERAL DISCIPLINE, CEREMONIAL AND WELFARE ON THE STATEMENT OF CASE FOR THE PROJ OF WEBSITE FOR ARMED FORCES MEMORIALS

Recommended

Station : New Delhi

Dated :   May 2024

(Neeraj Gosain)
Lt Gen
DG DC&W

Tele: 2301 9809/ 33977

B/01813/ VCC/AG Sectt

30 Apr 2024

एडजुटेन्ट जनरल शाखा / **ADJUTANT GENERAL's BRANCH**
एजी सचिवालय/**AG SECTT**

EXTRACTS OF MINUTES: VCC (03/2024)

1.   Ref: VCC Sectt Note No VCC/03/2024 (TP-V) dt 24 Apr 2024 along with AGs remarks on overleaf. (copy encl)

2.   Extract of Minutes of talking pt V: **'Update on e-Museum and War Memorial'** of the VCC mtg held on 27 Mar 2024 is fwd herewith for info and necy action pl.

3.   Further as per AGs remark, it is requested to ensure Coord with IN & IAF.

4.   **This note may be 'un-class' on detaching its enclosures.**

(Hirdyesh Mishra)
Dy Director
AG Sectt

Encl: As stated

PPS to DG DC&W

Tele: 23006265, ASCON: 35016

VCC/03/2024 (TP-V)

24 Apr 2024

HEADQUARTERS INTEGRATED DEFENCE STAFF
(VICE CHIEFS COMMITTEE SECRETARIAT)

EXTRACT OF MINUTES : VCC (03/2024)

Extract of Minutes of Talking Point V : **'Update on e-Museum and War Memorial'** of the VCC meeting held on 27 Mar 2024 is fwd herewith for info and necessary action, please.

(Dayanand Sharma)
Col
Col (MS & SD)
Secy VCC

Encl :- (One page).

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EXTRACT OF MINUTES OF VCC MEETING No 03/2024
HELD ON 27 MAR 2024

XXX.

TALKING POINT : UPDATE ON E-MUSEUM AND WAR MEMORIAL

17. **Update on e-Museum and War Memorial**. CISC apprised the VCC that in addition to e Museum project of the three Services led by IA, there is a need to digitize all war memorials of the three Services and link them with the National War Memorial (NWM) website. VCOAS remarked that project can be initiated as part of 100 Days Agenda under a lead Service and completion of the project should be expedited. VCC directed following: -

    (a)   IA be lead Service and project of digitisation of War Memorial of three Services including linking with NWM website be completed in a time bound manner.

    (b)   Update on the progress be given by PPOC to VCC in Jun 2024.

                          Action: AG
                                              DCIDS (DOT) &
                                              Chairman PPOC

                          Info: COP
                                              AOA

XXX.