

**STATEMENT OF CASE FOR REDESIGNING OF EQUIPMENT HELP LINE
(EHL) WEB APPLICATION OF EME**

1.	Unit/Directorate/Office Initiating the SOC	:	HQ TG EME
2.	Name of the item (s)/services being procured. (Category – Ex- ordnance, Medical, IT, Engineering, MT, Electrical, Electronic, Clothing, Aviation, General, FOL, Machinery, Spares, Communications, Navigational, Provisions, Weapons, Armament, Ammunition, Repairs, Services and other categories (to be specified))	:	SW for Equipment Helpline for compilation of Equipment Policies and EMERs for hosting on Army Data Network (ADN)
3.	Justification for procurement		
	(a) Authority	:	IT- PPP 2024-25
	(b) If it is scaled item	:	No
	(c) If it is a non-scaled item, the fwg information be provided:-		
	(i) Which item was serving the purpose till date ?	:	Equipment Help Line web application hosted on Army Internet was developed with in-house expertise in the yr 2004-05 using open sources. Web application was developed under the overall ageis of Software Development Centre (SDC) which was functioning under IM Wing, HQ Tech Gp EME. However it has been non-compliant with the present CERT policies.
	(ii) How the present proposal will serve the purpose?	:	Redesigning of Equipment Help Line (EHL) Web Application
	(iii) Whether scaling action has been initiated? If yes, reference number to be given. If not, reasons for not doing so to be given.	:	NA
	(d) Broad purpose of item being procured.	:	The upgraded Equipment Help Line web application will act as a platform for the EME units in IA to provide effective engg sp to fd fmns by expl the EMERs and equipment related policies available as a ready reckoner.
	(e) Detailed Justification from user:-	:	
	(i) Category of proposal-	:	
	• Fresh purchase	:	Yes
	• Up-gradation	:	NA
	• Replacement	:	NA
	• Maintenance	:	NA
	• Repair	:	NA
	• Any other (to be specified)	:	NA

	<p>(ii) If it is a fresh purchase, the fwg information to be provided :-</p> <ul style="list-style-type: none"> • How was the purpose being served till date? • Why it can't be served with up-gradation of the existing items? 	:	Equipment Help Line web application hosted on Army Intranet was developed with in-house expertise in the yr 2004-05 using open sources. Web application was developed under the overall aegis of Software Development Centre (SDC) which was functioning under IM Wing, HQ Tech Gp EME. However it has been non-compliant with the present CERT policies.
	<p>(iii) If it is a case of up-gradation, the fwg information to be provided:-</p> <ul style="list-style-type: none"> • Details of original purchase viz, year, cost, quantity, residual life left, residual life after up-gradation, etc. • Confirmation that issues of standardization and compatibility have been taken care of. 	:	The upgraded Equipment Help Line web application will act as a platform for the EME units in IA to provide effective engg sp to fd fmns by expl the EMERs and equipment related policies available as a ready reckoner.
	<p>(iv) If is a case of replacement, the fwg information to be provided:-</p> <ul style="list-style-type: none"> • What will be done with the items being replaced? • Details of proposal for disposal of existing items (BER certificate, etc to be enclosed). • Possibility of buy-back or otherwise, along with reasons. 	:	NA
4.	Quantity	:	
	(a) Basis for working out the quantity against each item- (formula, methodology etc)	:	One integrated proj is required to be proc via GeM portal as per availability of funds. The same shall be utilised by all stake holders in the IA.
	(b) Details like authorized holdings existing holdings, Dues-in, Dues-out, etc	:	NA
	(c) Calculation sheets/PR documents to be enclosed with the SOC (Net Quality to be shown in Annexure A)	:	NA
	(d) Proposed distribution of items being bought with justification.	:	The software will be hosted on ADN and utilised by all stake holders in the IA.
5.	Estimated cost of proposal-various elements of cost, such as the basic cost, training cost, AMC, etc should be shown separately and the grand total should also be indicated).	:	The approximate cost of project for initial procurement will be Rs. 13,00,000/- (Rupees Thirteen Lakhs Only). Calculation sheet for estimated cost of the project is attached as Appx 'B'

6.	Basis for working out the estimated cost of proposal to be indicated as follows:-	:	NA being first time proposed.
	(a) Last purchase price, year, escalation factor, source, quantity to be mentioned.	:	
	(b) Budgetary quotes, source, period etc to be mentioned along with copy of budgetary quotes.	:	Budgetary quotes att. Source - IT (Software) fund (Code Head 433/02)
	(c) Market Intelligence – Source, period etc to be mentioned along with copy of budgetary quotes.	:	NA
	(d) Rates obtained from other Organizations – Source, period etc to be mentioned along with copy of budgetary quotes.	:	NA, being customized reqmt of IA.
	(e) Professional Officer's Evaluation – Detailed reasoning and puts used to be enclosed.	:	NA
7.	(f) Any other method adopted (to be specified and explained along with the reasons)	:	NA
	Details of the Last Purchase:-	:	
	(a) The Quantity and dates on which similar items were procured in last one year	:	NA
	(b) If it is a recurring item, the total period for which the items are being procured.	:	NA
	(c) The mode of tendering in respect last purchase.	:	NA
	(d) The source of last purchase	:	NA
8.	(e) Any other relevant information	:	NA
	Availability of Funds	:	
	(a) Is it included in the PPP (if applicable) ?	:	Yes, IT PPP 2024-25
	(b) If yes , relevant serial number or PPP to be quoted	:	
	(c) Major Head, Minor Head, Sub Head and Detailed Head under which expenditure in respect of the instant proposal is to be booked	:	Major Head - 2076 Minor Head- 110(H)
	(d) Code Head, as mentioned in Classification Hand Book	:	Code Head-433/02
	(e) Fund Availability certificate as per format given in Appx 'C'	:	Fund will be provided by Dte Gen of EME
9.	(f) Name of the paying agency	:	PCDA, 'A' Block Africa Avenue, New Delhi
	Competent Financial Authority	:	Cdr, HQ Tech Gp EME in consultation with IFA
	Mode of Tendering	:	It is proposed to undertake the project through online bidding on GeM portal.

CHECKLIST : PRE APVL STG

1. Ref Appx C of DDG IT letter No B/04001/Policy/Whitelisting SOP/DDG IT (T&P) dt 28 May 2024.
2. Details of proposed SW as per provided checklist are as follows:-

Ser	Mandatory Details	Remarks
(a)	Name of Proj	Re-designing of EHL Web Application SW.
(b)	Name of Sponsor	Dte Gen of EME
(c)	Type of SW	Bespoke
(d)	Brief justification/ endorsement on reqmt for devp of SW appl.	The upgraded Equipment Help Line web application will act as a platform for the EME units in IA to provide effective engg sp to fd fmns by expl the EMERs and equipment related policies available as a ready reckoner
(e)	Aim & Scope (Purpose incl utility, beneficiaries and tgt users).	To Re-designing of EHL web based appl to be hosted on AND to act as a platform for the EME units in IA to provide effective engg sp to fd fmns by expl the EMERs and equipment related policies available as a ready reckoner. Beneficiaries and tgt users : All EME units in IA.
(f)	To be hosted on intranet/ADN with brief justification.	Army Data Network (ADN), as the application software will be used EME Units and various stakeholders for referring to Equipment policies and EMERs.
(g)	Being devp in house or through IT funds.	Being devp through IT funds (SW) ex trade.
(h)	Usability of proposed appts by other arms/services/org/est	This SW is intended to be used by the offrs of EME, auth to view the important data on auth of EME units.
(i)	HW and IT infrastructure reqd.	Existing IT infra to be utilised.
(k)	Brief details of content of the proposed SW appl.	The web application will incorporate all the equipment related policies and EMERs pertaining to the eqpt being maint on load by corps of EME. The web will store the data in a database for further analysis. It will assist in Re-designing of EHL web application.
(l)	Endorsement by Head of Br/Svc/Fmn in Appx 'D'	Approved for whitelisting by Cdr, HQ Tech Gp EME.
(m)	Details of user base.	User base includes technician and officers responsible for maint of wpn & eqpt to provide reliable engg sp to the fd fmns.
(n)	Envisaged Cost of Entire Proj incl License, Fees & Maint.	The approximate cost of project for initial procurement will be Rs. 13,00,000/- (Rupees Thirteen Lakhs Only).

Ser	Mandatory Details	Remarks
(o)	Projected Dt of Completion Incl Maj Timelines	(a) <u>Sw Devp Pd.</u> Appx three months (b) <u>Testing and Trials.</u> Appx two months
(p)	Brief details of SW platform and Tech Stack Proposed for Devp of Appl Incl Op Sys Dependencies (if any)	The details of Tech Stack is below:- (a) <u>OS.</u> Windows server/ Linux (b) <u>Web Hosting Server.</u> Apache 2.0/ nginx/11510 (c) <u>Language.</u> Java Script/ PHP & .Net Core 8 (d) <u>Database.</u> MySQL/SQL server (e) <u>Software Tool.</u> PHP Myadmin/ SQLYog, IDE (Eclipse)
(q)	Brief Details of Proposed Network and Band width Reqmts	Appl is devp to be light to wk on existing avbl ADN resources, min 1 Mbps
(r)	Brief details of OS & Sys Software Reqmts	The software will be hosted on a server running on Windows OS as utilised by ADN. And the client can access the sw using Windows OS presently in use with the Indian Army.
(s)	Brief Details of Proposed Data Security Measure and Backup of Data	SSL (Secure Sockets Layer) and TLS (Transport Layer Security) for Data Security and also Column Encryption at Database side will be done. Data will be backed up on a daily basis. In addition to the inherent security of the appln, the proposed sw will also have secure accessibility linked with user login ID and password as per existing cyber policy of IA. Security and backup of Data will be maint by AHCC.
(t)	Brief Details of Proposed Database Engine to be Used in the Appl	MySQL is an ACID compliant Object Relational Database Management System. It runs on nearly any OS incl Linux, Unix, Windows. It is high performance and highly scalable.
(u)	Details of SW Architecture and COTS SW Proposed to be Utilized	(a) <u>OS.</u> Windows server/ Linux (b) <u>Web Hosting Server.</u> Apache 2.0/ nginx/11510 (c) <u>Database.</u> MySQL/SQL server (d) <u>Software Tool.</u> PHP Myadmin/ SQLYog, IDE (Eclipse)
(v)	Details of Proposed architecture	Centralized
(w)	Brief Details of Proposed Utilization of Public Key Infra (PKI) and Iden and Access Mgt (IAM)	The website is proposed to be hosted on ADN and IAM integration of web appln as per AHCC guidelines.
(x)	Tech dependencies (if any)	NA
(y)	Database Reqmt	MySQL/ SQL server
(z)	Enhancement/ Upgradation/ Patch Mgt/ SW updt Procedure and Mechanism	It will be part of the arrangement with the Re-designing of the web appln.
(aa)	Details of the Licensing (if any)	NA

Appx 'D'

(Ref paragraph 2 (I) of Checklist)


RE-DESIGNING OF EHL WEB APPLICATION SW

REMARKS OF HEAD OF DEPT

"Re-designing of EHL web application as a comprehensive SW application" is an inescapable reqmt for the Corps of EME. The web appln is recom to be developed and hosted on ADN to be used by authorized pers in the IA.

Station : c/o 56 APO

Date : 04 Jul 2024



(Vikas Tomar)
Col
CIME (IM & NSC)

RECOMMENDATION OF CSE (ACQN & TRIALS)

Recommended/ Not Recommended

Station : c/o 56 APO

Date : 05 Jul 2024



P Rajasekhhar
Brig
CSE (Acqn & Trials)
HQ Tech Gp EME
Delhi Cantt-110010

APPROVAL OF CDR, HQ TG EME

Approved/ Not Approved

Station : c/o 56 APO

Date : 05 Jul 2024


(IS Rathore)
Maj Gen
Commander
HQ Technical Group EME