

SUB DEVELOPMENT OF APPLICATION - COMPLETE HEALTH & ACCLN MONITORING PROGRAM (CHAMP)"

Appts	Contents	Remarks
	<u>1</u>	
<u>CO,</u> <u>14 COSR</u>	<p>1. Units of 14 Corps Z are dply in HAA which poses several challenges to pers posted in Corps Z. One of the most imp challenge is the adverse effect on health due to low atm pressure, low oxygen level and harsh climatic conditions. A proper accln during induction and pers returning from lve/TD is therefore a must to ensure good health of tps and reduce non op cas.</p> <p>2. GOC 14 Corps has directed devp of an appl that can facilitate tracking of accln and med history of pers posted in 14 Corps Z. To this effect, 14 COSR has under taken devp of a/m web based appl with salient features as fwg:-</p> <p>(a) Role based access to units, med staff and Fmn HQ.</p> <p>(b) <i>Tracking of accln records as per laid down policies with real time updates.</i></p> <p>(c) Dashboard to derive analytics out of the data.</p> <p>3. The appl is reqd to be hosted on ADN and needs to be whitelisted post AoN/IPA by DGIS, followed by vetting from ACG (Cyber Security), AHCC (layout and architecture) and DGMI (Content). Fwg docus are encl:-</p> <p>(a) Checklist.</p> <p>(b) Statement of Case.</p> <p>(c) Recommendation of CO</p> <p>(d) BoM.</p> <p>4. Case file fwd for processing of IPA by DGIS pl.</p>	<p>Flag 1A</p> <p>Flag 1B</p> <p>Flag 1C</p> <p>Flag 1D</p>
	<p>(Vishal Sharma) Col Commanding Officer</p> <p>19 Jan 2025</p>	
	<u>2</u>	
<u>CSO,</u> <u>HQ 14</u> <u>Corps</u>	<p>1. Ref note ante.</p> <p>2. For your perusal p.l.</p>	
	<u>3</u>	
<u>BGS (IS)</u> <u>Through Col G S (IS)</u>	<p>1. Ref note ante.</p> <p>2. p/w and IT infra reqd for the Appl will be incl in IT PPP-202521 and procured thru IT HW.</p>	<p><i>22/01</i></p>

NOTING SHEET

File No : 805/S. IT PPP/CHAMP/ADDENDUM-II/24-25

Sheet No: Two

SUB: "DEVELOPMENT OF APPLICATION - COMPLETE HEALTH & ACCLN MONITORING PROGRAM (CHAMP)"

Appts	Contents	Remarks
	<p>3. White listing of Appr may be processed online on DAIS site by the user unit.</p> <p>4. for proposal pr.</p> <p style="text-align: right;"><u>Pradeep</u> 23/01</p> <p style="text-align: center;"><u>4</u></p> <p><u>BGS/SS</u> <u>Am</u> 25/1</p> <p><u>CSG</u> 28/1</p> <p style="text-align: center;"><u>5</u></p>	



### CHECKLIST: PRE APVL STG

Ser No	Mandatory Details	Remarks
1.	Name of proj (incl ver).	Complete Health & Accln Monitoring Program (CHAMP).
2.	Name of sponsor.	14 Corps Op Sig Regt
3.	Type of Sw (Bespoke/ COTS/ Customized).	Web Appl.
4.	Brief justification/ endorsement on reqmt for devp of Sw appl.	HQ 14 Corps (A) proj a reqmt for devp of an appl that will facilitate the tracking of accln history and med records of pers posted in HAA in AoR of HQ 14 Corps. This appl will enable staff to monitor and enforce accln policies and also give real time analytics in terms of trends and compliance to laid down procedures.
5.	Aim & Scope purpose incl utility, beneficiaries and tgt users).	To devp an appl that will facilitate health & accln monitoring in HQ 14 Corps. The appl devp will automate the records of accln for all pers, keep track of sick reports and also map each lve/TD of indl to corresponding accln record and raise alarms for improper accln. The appl will provide a role based access for units who will feed pers and lve detls of indls. Med offr will have access to med as well as accln detls of indls and staff at fmn HQ will have vis to each accln record and raise obsn if they find any discrepancy.
6.	To be hosted on internet/ ADN with brief justification.	The appl will be made accessible to all units, fmn HQ, MH/GH and TC under 14 Corps through ADN.
7.	Being devp in house or through IT funds.	In house.
8.	Usability of proposed appls by other arms/ services/ org/ est.	The appl is intended to be used by all fmns/Arms/Services/Org & Est under 14 Corps as the health monitoring tool for all pers posted in the Corps Z.
9.	Hw and IT infrastructure reqd.	<p>The software is being devp using open source appls viz MySQL and PHP. Fwg IT HW infra is reqd (Post IPA by DG IS) :-</p> <div><div>(a)</div><div>Server Grade machine :-</div><div><div>(i)</div><div>Storage</div><div>-</div><div>1 TB SDD</div></div><div><div>(ii)</div><div>CPU</div><div>-</div><div>16 Cores</div></div><div><div>(iii)</div><div>RAM</div><div>-</div><div>64 GB</div></div><div><div>(iv)</div><div>NIC</div><div>-</div><div>02 x 1 Gigabit Ports</div></div><div><div>(v)</div><div>RAID config</div><div>-</div><div>RAID-5</div></div></div>



10.	Brief details of content of the proposed Sw appl.	MySQL database containing pers detls, lve details, med details, accln records and mapping of units to HQ's, Arms and dependent GH/MH.
11.	Endorsement by Head of Br/ Svc/ Fmn.	Yes
12.	Details of user base.	As per para 6 above
<b>Addl Details (Optional in Pre Apvl Stg : Mandatory in Post Apvl Stg)</b>		
13.	Envisaged cost of entire proj incl license fees and maint.	Rs 3,79,000/- (Cost of Server).
14.	Projected dt of completion incl maj timelines	Appl devp by Aug 2024.
15.	Brief details of Sw platform and tech stack proposed for devp of appl incl op sys dependencies (if any).	The web appl is based on :- (a) HTML, CSS, JS & PHP. (b) MySQL database. (c) XAMPP to run the server.
16.	Brief details of proposed nw and bandwidth reqmts.	The web appl can run on common user bandwidth.
17.	Brief details of OS & Sys software reqmts.	(a) Windows Server 2022. (b) XAMPP
18.	Brief details of proposed data security measures incl backup of data.	(a) Encryption of credentials is done. Data tfr will be encrypted using SSL (TLS Version). (b) Weekly data backup is proposed. (c) Logging of every activity will be impl.
19.	Brief Details of proposed Database Engine to be used in the appl.	MySQL.
20.	Detls of Sw architecture and COTS Sw proposed to be utilised.	No COTS Sw is being utilised.
21.	Detls of proposed architecture-Centralised/ Federated/ Hybrid.	Centralised architecture.
22.	Brief details of proposed utilisation of public key infra (PKI) and iden an access Mgt (IAM).	Integration with AHCC IAM is proposed.
23.	Tech dependencies (if any).	NA
24.	Database reqmts.	NA
25.	Enhancement/ upgradation (incl patch mgt/ Sw updt procedure and mechanism).	Integration with RFID based tr is proposed.
26.	Details of licensing (if any).	NA

**STATEMENT OF CASE FOR "DEVELOPMENT OF APPLICATION  
CHAMP – COMPLETE HEALTH & ACCLN MONITORING PROGRAM"  
FOR FY 2024-25.**

1.	<b>Unit/ Directorate/ Office initiating the SoC.</b>	14 Corps Op Sig Regt
2.	<b>Name of the item(s)/services being procured</b> 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)]  (Nomenclature of items with details like part numbers, etc to be shown in Annexure I to the Statement of Case)	<b>Development of Application CHAMP – Complete Health &amp; Accln Monitoring Program.</b>  BoM attached at Appx 'A'.
3.	<b><u>Justification for Procurement.</u></b>	
	(a) <b><u>Authority, if any, under which the proposal is being initiated</u></b> – Govt Rules/ Orders, Service specific instructions, Subsidiary instructions, etc.to be quoted.	Nil
	(b) <b>If it is a scaled item</b>	Non-Scaled
	(c) <b>If it is a non-scaled item, the following information to be provided :-</b>	
	(i) Which item was serving the purpose till the date?	Manually.
	(ii) How the present proposal will serve the purpose?	The proposed appl will automate the accln records, making them visible to auth in real time and reduce discrepancies. In addn, it will also track complete med history of an indl.
	(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 items being procured		A reqmt was proj by HQ 14 Corps (A) to devp an appl that will facilitate tracking of accln status & track med history of pers deployed in HAA in AoR of 14 Corps. The appl will mitigate the delay as faced in traditional corres by giving updates in real time and allow analysis of data using data visualisation.
(e) <b><u>Detailed Justification from user</u></b>			
(i)		<b><u>Category of proposal :-</u></b>	
(aa)	Fresh purchase	No	
(ab)	Up gradation	No	
(ac)	Replacement	No	
(ad)	Maintenance	No	
(ae)	Repair	No	
(af)	Any other (to be specified)	This is an in-house devp software based appl.	
<b><u>If it is a fresh purchase, the following information to be provided :-</u></b>			
(ii)		(aa) How was the purpose being served till date?	NA
		(ab) Why it can't be served with up-gradation of the existing items?	NA
(iii)		<b><u>If it is a case of up-gradation, the following information to be provided</u></b>	
(aa)	Details of original purchase viz., year, cost, quantity, residual life left, residual life after up gradation, etc		NA
(ab)	Confirmation that issues of standardization and compatibility have been taken care of		NA
(iv)		<b><u>If it is a case of replacement, the following information to be provided</u></b>	
(aa)	What will be done with the items being replaced		NA

	(ab)	Details of proposal for disposal of existing items (BER certificate, etc. to be enclosed)?	NA
	(ac)	Possibility of buy-back or otherwise, along with reasons	NA
4	<b><u>Quantity :-</u></b>		
	(a)	Basis for working out the quantity against each item – (formula, methodology, etc.)	NA (Since the appl is being devp in house using open source software)
	(b)	Details like authorized holdings, existing holdings, Dues-in, Dues-out, etc.	NA
	(c)	Calculation sheets / PR documents to be enclosed with the SOC	NA (Since the appl is being devp in house using open source software)
	(d)	Proposed distribution of items being bought with justification	NA (Since the appl is being devp in house using open source software. The appln will be hosted on ADN for selected users)
5	Estimated cost of proposal – various elements of cost, such as the basic cost, taxes, transportation cost, training cost, AMC, etc., should be shown separately and the grand total should also be indicated) Basis for working out the estimated cost of proposal to be indicated as follows :-		Nil (As this is an in-house software based appl)
	(a)	Last Purchase Price – Year, Escalation factor, source, quantity to be mentioned	NA
	(b)	Budgetary quotes – Source, period, etc to be mentioned along with copy of budgetary quotes	NA
	(c)	Market Intelligence – Source, period, etc to be mentioned along with relevant enclosures	NA
	(d)	Rates obtained from other Organizations – Source, period, quantity, etc to be mentioned along with relevant enclosures	-
	(e)	Professional Officers' Evaluation – Detailed reasoning and inputs used to be enclosed	-




	(f) Any other method adopted (to be specified and explained, along with the reasons)	-
6	<b><u>Details of the last purchase :-</u></b>	
	(a) The Quantity and dates on which similar items were procured in last one year	No
	(b) If it is a recurring item, the total period for which the items are being procured	No
	(c) The mode of tendering in respect of last purchase	No
	(d) The source of last purchase	No
	(e) Any other relevant information	-
7.	<b><u>Availability of funds :-</u></b>	
	(a) Is it included in the PPP (if applicable)?	NA
	(b) If yes, relevant serial number of PPP to be quoted	NA
	(c) Major Head, Minor Head, Sub Head and Detailed Head under which expenditure in respect of the instant proposal is to be booked	NA
	(d) Code Head, as mentioned in Classification Hand Book	NA
	(e) Fund availability certificate	NA
	(f) Name of the paying agency	NA
8.	<b><u>Competent Financial Authority :-</u></b>	
	(a) (a) Sch- of DFPDS-2021	NA
	(b) (b) Name of CFA	NA
9.	<b><u>Mode of Tendering :-</u></b>	
	(a) Open tendering – Mention the websites and newspapers in which the advertisement is proposed to be published. (Draft advertisement to be enclosed)	NA



	(b)	Limited Tendering – Mention the reasons for LTE. (The list of vendors for LTE and reasons for including them to be enclosed)	NA
	(c)	PAC tendering – Enclose draft PAC certificate along with detailed justification for PAC tendering.	NA
	(d)	Single tendering – Mention the grounds of urgency / Operation reasons / technical requirements, etc. on which STE is being proposed.	NA
	(e)	GeM	NA
10.	<u>Draft RFP :-</u>		NA

Station : C/o 56 APO


Date : 07 Jan 2025

  
(Gaurav Yadav)  
Maj  
Project Officer

**COUNTERSIGNED**

Station : C/o 56 APO

Date : 15 Jan 2025

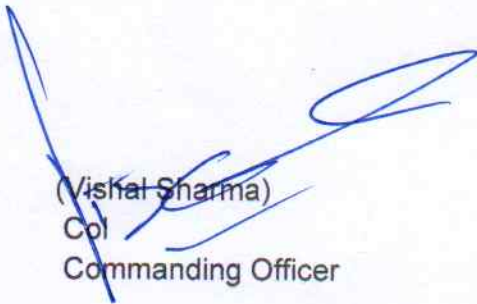
  
(Vishal Sharma)  
Col  
Commanding Officer

**RECOMMENDATIONS OF COMMANDING OFFICER, 14 CORPS OP SIGNAL  
REGIMENT FOR "DEVELOPMENT OF APPLICATION CHAMP – COMPLETE HEALTH  
& ACCLN MONITORING PROGRAM" FOR FY 2024-25**

1. The proj, "Development of Application CHAMP – Complete Health & Accln Monitoring Program" is minimum essential reqmt for monitoring and analysis of med and accln history of indls posted in HAA in AoR of HQ 14 Corps.
2. The approximate cost of Proj "Development of Application CHAMP – Complete Health & Accln Monitoring Program" is **Nil** as this is an in-house software based appl.
3. It is recommended that the appl may please be sanctioned for dply on ADN post vetting of the same by AHCC & ACG.

Station : C/o 56 APO

Date : 15 Jan 2025

  
(Vishal Sharma)  
Col  
Commanding Officer

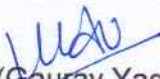


**CERTIFICATION BY PROJECT OFFICER, 14 CORPS OP SIGNAL REGIMENT FOR**  
**"DEVELOPMENT OF APPLICATION CHAMP – COMPLETE HEALTH & ACCLN**  
**MONITORING PROGRAM" FOR FY 2024-25**

It is certified that S of C has been made as per DPM 2009.

Station : c/o 99 APO

Dated : 07 Jan 2025

  
(Gaurav Yadav)  
Maj  
Project Officer

BILL OF MATERIAL

<u>S No</u>	<u>Eqpt/Nomenclature</u>	<u>A/U</u>	<u>Qty</u>	<u>Remarks</u>
1.	Appl CHAMP (Complete Health & Accln Monitoring Program)	Nos	01	In house devp Software Database - MySQL Front end - HTML, CSS. Back end - PHP



**BASIS FOR WORKING OUT THE QUANTITY AGAINST EACH ITEM FOR THE PROJ**  
**"DEVELOPMENT OF APPLICATION CHAMP – COMPLETE HEALTH & ACCLN MONITORING**  
**PROGRAM" FOR FY 2024-25**

<u>Ser No</u>	<u>Items Description</u>	<u>A/U</u>	<u>Qty</u>	<u>Justification</u>
1.	Appln CHAMP – Complete Health & Accln Monitoring Program	Nos	01	A reqmt was projected by HQ 14 Corps (A) for devp of an apln that can facilitate the tracking of accln history and med records of pers posted in HAA in AoR of HQ 14 Corps. This appl will enable staff to monitor and enforce accln policies and also give out live analytics in terms of trends and compliance to accln policies laid out.

Appx 'C'

(Ref para 4(b) of SoC)

**COST CALCULATION SHEET FOR THE PROJ "DEVELOPMENT OF APPLICATION CHAMP -  
COMPLETE HEALTH & ACCLN MONITORING PROGRAM" FOR FY 2024-25**

<u>Ser No</u>	<u>Items Description</u>	<u>A/U</u>	<u>Qty</u>	<u>Total Cost</u>	<u>Remarks</u>
1.	Development of Application	Nos	01	Nil	

Approximate cost is **Nil** for the Proj "Development of application CHAMP - Complete Health & Accln Monitoring Program" for FY 2024-25.



**FUND AVAILABILITY CERT FOR THE FY 2024-25**

1.	Code head under which the expenditure is proposed.	NA
2.	Total allocation under the code head.	
3.	Cash outgo during the current financial year on account of committed liability carried forwarded from the previous year.	
4.	Balance available for fresh commitments in current financial year (b-c).	
5.	Cash outgo on account of the commitments already made during the current financial year based on schedule of delivery and payment terms in the supply orders / contracts.	
6.	Net balance available for further concurrence (d-e).	