

STATEMENT OF CASE FOR SANCTION OF INDEGENEOUS RESEARCH AND DEVELOPMENT PROJECT TO INTEGRATE E-NAR AND SURVEYAKSHAK SOFTWARE THROUGH INDEGENISATION RESEARCH AND DEVELOPMENT PROJECT FOR THE FINANCIAL YEAR 2024-25

1	Unit/ Directorate/ Office initiating the Statement of Case	:	426 Independent Field Company
2	Name of items (s) / Services being procured	:	Research and development project of software developed by integration of eNAR and surveykshak software.
3	Justification of procurement:-		
(a)	Authority, if any under which the proposal is being initiated (Govt Rules/ Orders/ Services specific instructions, Subsidiary instructions etc to be quoted)	:	Headquarters Central Comd letter Number 137412/IR&D/EME dt 10 Feb 2024 attached as Annexure I .
(b)	If it is a scaled items (Ref number and date of the Govt letter / service HQ letter auth the scale to be quoted)	:	Non – Scaled items.
(c)	If it is a non scaled item, the following information to be provided:-	:	
(i)	Which item was serving the purpose till date?	:	eNAR Software/ Numerical Asset Register.
(ii)	How the present proposal will serve the purpose?	:	Eliminates shortcomings of eNAR software and ab-initio integration with surveykshak.
(iii)	Whether scaling action has been initiated if yes, reference number to be given, if not reason for not doing so to be given.	:	Not Applicable
(d)	Broad purpose of items being procured	:	The objective of this project is to develop an innovative software with tools integrated from both eNAR and Surveykshak. The ideal solution, thus developed, should cater to operational necessity of all user units and provide accurate data for siting, maintenance analysis and report generation. Moreover, it should be intranet compatible and ensure data security, facilitate Headquarters areas to analyze, visualize and corroborate information with respect to operational assets at higher level. The successful development and integration of software will pave the way for wide spreaded option & implementation, thus contributing to safer and more effective data transfer between units and formation headquarters ultimately reducing human error in asset data management.

(e)	Detailed justification from user			
(i)	Category of Proposal			
	(aa)	Fresh Purchase	:	Yes
	(ab)	Upgradation	:	In due course of time when need arises.
	(ac)	Replacement	:	Not Applicable
	(ad)	Maintenance	:	Not Applicable
	(ae)	Repair	:	Not Applicable
	(af)	Any other (to be specified)	:	<p>1. The integrated software shall also boast advance features tailored to engineer unit's needs: -</p> <p>(a) <u>Ab-Initio Integration of Two Software.</u> Software contains features of both eNAR and Suveykshak software.</p> <p>(b) <u>Intranet Compatible.</u> Log-in id and password enable user to view report on Intranet.</p> <p>(c) <u>2D/3D Visualization.</u> Assets will be visualized based on location and in respect of terrain.</p> <p>(d) <u>Different Admin and Super Admin Rights.</u> Based on user units and functionality.</p> <p>(e) <u>Secure Data Transfer.</u> Intranet/ADN compatibility makes data transfer secure and report generated at higher headquarters and printed will be recorded.</p> <p>2. For the integrated software development, the Unit had reached out to various Academic Institutions and Private Industries and BISAG-N has expressed their interest in joint development of the project.</p>
(ii)	If it is fresh purchase the following information to be provide: - Yes, it is a fresh purchase			

		(aa)	How was the purpose being served till date:-	:	(a)	The present software for digitization of e-NAR has certain inherent limitations. The software is compatible only on systems containing Windows 8 Operating System or lower, requires manual entry of data of each asset, does not permit analysis of data and the data on standalone PC cannot be shared on Army Data Network. Surveyakshak software and data held with the formation does not have operational works assets marked and updated record for analysis at higher formation level and visualization with respect to terrain.
		(ab)	Why it can't be served with up gradation of the existing items?	:	(b)	To overcome these limitations, BISAG proposed to augment the features of the existing software and develop a new one, thus enabling the integration of e-NAR Software with Surveykshak for data storage, analysis and visualization.
	(iii)	It is a case of upgradation, the following to be provided:-				
		(aa)	Details of original purchase viz, year, cost quantity, residual life left, after upgradation etc.	:		Not Applicable
		(ab)	Confirmation that issues of standardization and compali bility have been taken care of	:		Not Applicable
	(iv)	If it is a case of replacement, the following information to be provide:-				
		(aa)	What will be done with the one being replaced.	:		Previous version of software will be un-installed subsequently
		(ab)	Details of proposal for disposal of existing items (BER cert etc to be enclosed)	:		Not Applicable
		(ac)	Possibility of buy-back or otherwise along with reasons.	:		Not Applicable

4	Quantity of proposal :-		
	(a)	Basis for working out the quantity against each item (Formula, Methodology, etc)	Headquarters Central Comd letter Number 137412/IR&D/EME
	(b)	Details like authorised holding, Dues-in, Dues out etc)	Not Applicable
	(c)	Calculation Sheets/ PR documents to be enclosed with the SoC (Net Quantity to be shown in Annexure A)	Total Required - 01 quantity
	(d)	Proposed distribution of items being bought with justification	426 independent Field Company - 01 x software
5	Estimated cost of proposal- various elements of cost such as the basic cost, taxes transportation cost, training cost, AMC, etc. should be separately and the grant total should also be indicated Basis for working out the estimated cost of proposal to be indicated as follows:-		BISAG being a government entity has proposed to develop this project for Indian Army without any Financial Implication.
	(a)	Last Purchase Price- year, Escalation factor, Source, quantity to be mentioned	Not Applicable
	(b)	Budgetary quotes- Source, Period, etc to be mentioned along with copy of budgetary quotes	Not Applicable
	(c)	Market intelligence- Source, Period, etc to be mentioned alongwith relevant enclosures	Not Applicable
	(d)	Rates obtained from other organization, source, period , quantity, etc to be mentioned alongwith relevant enclosures	Not Applicable
	(e)	Professional Officer's Evaluation- Detailed reasoning and inputs used to be enclosed.	Not Applicable
	(f)	Any other method adopted (to be specified and explained alongwith the reasons	Not Applicable
6	Details of Last Purchase:-		
	(a)	The quantity and date on which the similar items were procured in last one year	Not Applicable
	(b)	If it is a recurring item, the total period for which the items are being procured	Not Applicable
	(c)	The mode of tendering in respect of last purchase	Not Applicable
	(d)	The source of last purchase	Not Applicable
	(e)	Any other relevant information	Not Applicable

7 Availability of Funds:-

(a)	Is it included in the (PPP) (if applicable)?	:	Not Applicable
(b)	If yes, relevant Serial number of PPP to quoted	:	Not Applicable
(c)	Major Head, Minor Head, Sub Head and detailed Head under which expenditure in respect of the instant proposal it to be booked.	:	Major Head – 2076 Minor Head – 110 (I) Sub Head – 9.2 of schedule 9 of DFPDS 2021
(d)	Code Head, as mentioned in classification hand book	:	9.2 schedule 9 of DFPDS 2021
(e)	Fund availability certificate as per format given in Annexure 'B'	:	Not Applicable
(f)	Name of paying agency	:	Not Applicable

8 Competent Financial Authority:-

(a)	Particular of the schedule / Sub-schedule the serial number thereof under which power are being exercised	:	9.2 schedule 9 of DFPDS 2021
(b)	Name/ level of the CFA as mentioned in the schedule, under whom the proposal falls	:	Army Commander, Headquarter Central Command.


9 Mode of Tendering:-

(a)	Open tendering – Mention the website and newspapers in which the advertisement is proposed to be published. (Draft advertisement to be enclosed).	:	Open domain contract for Research and Development. Hence, no tender is required.
(b)	Limited tendering – Mention the reason for LTE if avalue of th proposal is more than Rs 25 lakhs, (The list of vendors for LTE and reasons for including them to be enclosed).	:	
(c)	PAC tendering – Enclose draft PAC certificate alongwith detailed justification for PAC tendering.	:	
(d)	Single tendering- Mention the grounds of urgency / Operation reasons/ technical reqmts, etc on which STE is being proposed.	:	
(e)	Rate Contract Enclose Copy of relevant RC under which the items are being proposed to be bought	:	
(f)	Mode of procurement through GeM	:	

10	Draft RFP:-		
(a)	Draft RFP is to be enclosed	:	Not Applicable
(b)	Special conditions applicable to the proposal, which have been proposed in draft RFP, to be highlighted in the SOC		Not Applicable

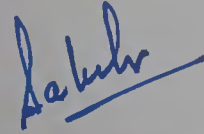
Station : C/o 56 APO

Dated : 24 Jun 2024


(Sakshi Chaturvedi)
Capt
Initiating Officer

CERTIFICATE

It is certified that statement of case for sanction of Indigenous research and development project has been prepared as per Defence Procurement Manual 2009.



(Sakshi Chaturvedi)
Capt
Project Officer

Station : c/o 56 APO

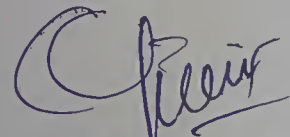
Dated : 24 Jun 2024

RECOMMENDATION OF OFFICER COMMANDING, 426 (INDEPENDENT) FIELD COMPANY
FOR SANCTION OF INDIGENOUS RESEARCH AND DEVELOPMENT PROJECT TO
INTEGRATE ENAR AND SURVEYAKSHAK SOFTWARE
FOR THE FINANCIAL YEAR 2024-25

It is recommended that sanction for procurement of software developed by integration of eNAR and surveykshak through IR &D project for the FY-2024-25 may please be accorded.

Station : c/o 56 APO

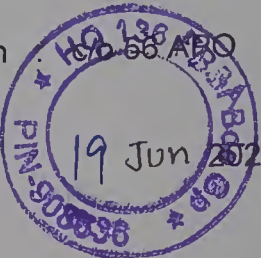
Dated : 24 Jun 2024

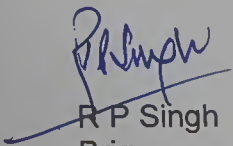


(Wasnik Manish E)
Maj
Officer Commanding

**RECOMMENDATION OF COMMANDER, 136 (INDEPENDENT) INFANTRY BRIGADE
GROUP FOR SANCTION OF INDIGENOUS RESEARCH AND DEVELOPMENT PROJECT
TO INTEGRATE ENAR AND SURVEYAKSHAK SOFTWARE
FOR THE FINANCIAL YEAR 2024-25**

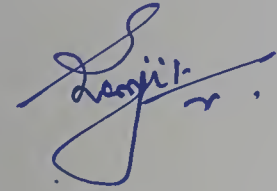
Development of a new software with integration of eNAR and Surveykshak through Indigenisation Research and Development Project by 426 (I) Fd Coy in Financial Year 2024-25 is strongly recommended as it is an essential Operational requirement and would enhance the op wks management capability of the fmn manifolds.

Station  19 Jun 2024
Dated


R P Singh
Brig
Cdr, 136 (I) Inf Bde Gp

REMARKS OF HQ UB AREA (ENGRS)

Dep of E-NAR through BISAG alongwith integration with
SurveyKshak is recommended.



ब्रिगेडियर

Brig

सी.ई.

C.E.

मुख्यालय यू बी एरिया

HQ UB Area

Station : c/o 56 APO

Dated : 05JW 2024



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INTEGRATE E-NAR AND SURVEYKSHAK SOFTWARE18

1. Ref Notes ante.

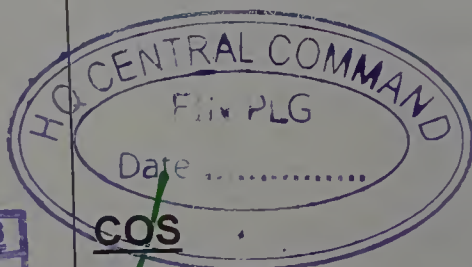
2. The proposal seeks to obtain in principle approval (IPA) of COS to undertake devp of **'Software by integratation of e-NAR and Surveyakshak Software'** under IR & D Funds.

3. There is no financial implication in the proposal as the devp is proposed to be undertaken by BISAG-N, which is a Govt agency, under Sub-Sch 9.2 of ASP 21 of DFPDS 2021.

4. The state of IR&D proposals as on dt is placed at **Flag '18A'**, as obtained from IR&D cell for perusal. **'18A'**

✓ 5. Recom. It is recom that In Principle Approval (IPA) of the COS be accorded to undertake devp of **'Software by integratation of e-NAR and Surveyakshak Software'** under IR & D Funds.

Grishnay
(HG Krishnan)
Col
Col FP
31 Aug 2024

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Para-5, Hote-18 approved.

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Col/FP

Grishnay

Boy EME 8219

MGM

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