## TBES Eol Queries' Response

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification		Response
1	Section 9.2, Point 9a, Page 16	customizable as per the	examination will undergo a change. We request that some high level direction on this matter:	Detailed Scope of Work has been given in clause 9.2, page 16 to 22. High level customisation requirement will be detailed in RFP after seeing demonstration of your various solutions.
įŽ	29 & 32	Pre-Qualification Requirements	relaxed for accommodating more players with relevant / similar experience?	kindly specify your requirements. This will be decided after receiving inputs from all Eol participants,
3	Section 10.3, Page 24	for this project is Examination as a Service (EaaS), where all	appropriate examination fee per candidate will be the only revenue model for the vendor? Or will there be a setup fee in addition to the above?	Please refer to EoI clause 19, page 35- Payment System Service Provider / vendor will be paid against Invoice raised per user per examination basis by DGS. Service Provider will not be collecting any fee from the candidate
± <b>4</b>	Section 9.3, Page 20	Functional Modules of TBES System	Can we assume that the vendor will provide the IT infrastructure for the "Pro Examination Services" and "Post Evaluation Services" and these services will actually be	T .
5	Section 9.4, Point 1, Page 21	following features  a. Provision for external stakeholders to apply for User IDs and temporary password to access to the interface for availing DGS services  b. Access to DGS contact information, FAQ's and "Help"	requirement would be applicable for legacy and new eGovernance system?	s The examination system has to be integrated with DGS e-Governance System

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
6	Page 8	EOI Processing Fee	submitted	Please refer to EoI clause 6, page 8 - EoI Processing Fee. There is no EoI processing fee.
7'	30	Pre-qualification — point 3(a)	To be fair to all participants we request you to remove / reduce this criteria of 3 Turnkey IT Projects worth Rs 30 Crores each - as this is not in keeping with the Tender project requirement . A criteria kept as a pre-requisite should be in line with the Project requirement both in terms of expected value of the project and scope of work	
,8;	33	Point 18:6 – Proof of Certification point ©	PI confirm why Certificate for Online training is required given this tender is for Conduct of Examination – hence proof of having conducted computer based exams should suffice pl remove this point	Any relevant certificate for online examination is sufficient.
g	35	Point 19. – payment terms	We assume that price to be quoted would be on the basis of Per user per examination meaning per Scheduled candidate per exam and that Taxes/ GST if applicable would be extra over and above the quoted rate – pl	
10	Page No. 15, Clause 9.2 Detailed Scope of Work	examinations (CoC examination) through additional MMDs'	cities of the examination centers other than existing 7 MMD examination centers and the likely candidate counts at these locations/cities	implementation of EaaS at mentioned 7 MMD

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Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
ij	Page No. 35, Clause 19 Penalties		agency shall be restricted to 10% of the	
12	Page No. 38  20.1 Form   Covering Letter	comply that on verification, if any of the information provided here	heard to be given to the Bidder before dismissing the Bidder from the Assessment process or before the termination of the contract during the project	
13	Page No. 14 , & point 2	(CoC examination) through existing Seven (7) MMD's		Yes, please refer to EoI Clause 9.2, page 15 to 19 Scope of work & clause 9.4, page 20 to 22 - Functional architecture for TBES System, Which is self-explanatory
14	Page No. 14 & point 2	(CoC examination) through existing Seven (7) MMD'sexamination centres at various locations in India	Frisking, CCTV, Help desk, Photo capture, Biometricetc. If required there will be impact in cost estimated. Please confirm	Sufficient details have been provided in Eol clause 9.2, page 15- Detailed Scope of work, Eol clause 9.3, page 20 - Functional Modules and Eol clause 9.4, page 20 to 22- Functional Architecture.
15,	Page No. 14 & point 6	Palm resistant Tablet as device for handling Descriptive, MCQ and Drawing examinations	examination  B. Please share the number of Descriptive, MCQ and Drawing questions per exam  C. Please confirm the Descriptive exam	B) The type of questions and nos. will change

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
16	Page No. 14 & point 10	application on MietY approved	We request that instead of only MietY approved Cloud DC & DRC any high security DC & DRC can be used also - Please confirm	
17	Page No. 17 & point 12	bandwidth of minimum 4 Mbps MPLS connectivity (2		Currently EoI clause 12, page 17 stands and best practices can be demonstrated during presentation
18	1 1	Governance system for all required data (user profile &		
19	& point 18	adequate devices (10% of the seating capacity) for conducting the training. Service provider is	requirement and where this would be conducted and the Service provider's role B. Please provide the time period (no of days) required for training/keeping the	(A) Training requirement is that the seafarer accustoming for writing the examination using tablet and Stylus in the MMD examination Centre only. Role of Service provider is Preparing model exam with a duration of half an hr using the same tablet and stylus  (B) It has to be available in the MMD examination centre all the time during working hrs of examination
20	& point 19	12.60	required – would this be system based or	Support required to the Evaluator / Examiner for any application quarries during online Answer paper evaluation based on Phone and email within a agreed period.

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
21	Page No. 19 & point 20		break up of the expected candidates across Cities for various exams	Details of MMD Examination Centre wise No. of Examinee appeared for examination in year, 2018 is below  1. Mumbal = 14000  2. Noida = 8000  3. Kolkata = 13000  4. Chennal = 7000  5. Kochi = 7000  6. Kandia = 1000  7. Visakhapatnam - 1000
22	Page No. 25 &point 10.4			77
23	Page No. 46 & point 20.8			
	9.2 Detailed Scope of Work. Point# 6 & 9 Page# 16	Detailed Scope of Work		Currently DGS is conductiong paper based examination with descriptive type questions and answers. Ther is no OMR test format





Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
25		Detailed Scope of Work	exams that are conducted every year? If Yes, can we have the list of exams, questions format, question types and weightage? Can	a. List of CoC examination papers are provided in Annexure A of this TBES Eol Queries' Response. CoC examinations will be conducted per month using TBES from morning 10 AM to 1 PM and 2 PM to 5 PM for 25 days in a month.  b. The Current model question papers are available from DGS website-http://www.dgshipping.gov.in/Content/Exam CertificSeatarersView.aspx?modul_id=5.  c. Any changes can be discussed during implementation phase.
26	9.2 Point# 6 & 9 Page# 16	Detailed Scope of Work	being conducted as of today eg. ePariksha Engg, Nautical etc.? Shoud the proposed system include even them? Will the existing	All the CoC examination will be conducted at MMD Examination Centres across India through TBES. Yes, the existing e-Pariksha system will be discontinued.
27	9.2,Point# 11 Page# 17	Detailed Scope of Work	Can we have any indication of what kind of cloud platforms/servers approved by Miet??	The Meiry approved Cloud DC & DRC details can be obtained from https://meity.gov.in/content/gi-cloud-
28.	9.2. Point# 6 & 9 Page# 16	Detailed Scope of Work	Is it safe to assume that wherever possible, the assessments will be evaluated automatically by the system for specific types like MCQ and for subjective questions, the examiner will assess?	
29	9.2, Point# 6 & 9Page# 16	Detailed Scope of Work	Are there any other question types other than MCQ, Descriptive, Drawing in the exams supported by the system?	JI.

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
30	9.2, Point# 8 & 12, Page# 16 & 17	Detailed Scope of Work	4Mbps MPLS connectivity, is there a specific use case for offline usage scenarios? Is it	The online - offline capabilities required so that application will be available in local server (offline) for conducting examination at the MMD Examination centres. The Seafarer credential and question paper shall be downloaded from central server for conducting the examination and synchronizing the data with the central server before and after each examination respectively.
31	9.2, Point# 2 & 20, Page# 15 & 19	Detailed Scope of Work	each of the MMDs? What is the frequency of these tests?	(A) Details of MMD Examination Centre wise No. of Examinee appeared for examination in year, 2018 is below  1. Mumbai = 14000  2. Noida = 8000  3. Kolkata = 13000  4. Cheunal = 7000  5. Kochi = 7000  6. Kandia = 1000  7. Visakhapatnam - 1000  8) It will be conducted every month morning 10 am to 1 pm and 2 pm to 5 pm. 25 days in a month
32	9.2, Point# 20, Page# 19	Detailed Scope of Work	exams in a given month / year, seafarers who got admit cards for the exam, centers for the exam and other details?	DGS e-Governance System shall push MMD examination centre wise details of examination schedule & Seafarers details to TBES Central Server.  Please refer Eol clause 9.2, point 13, page 17-Integration with existing DGS e-Governance system for all required data

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Sr. Na.	EOI Document Reference (s) (Page Number and Section Number)		EOI	Requiring	Points of Clarification	Response
33	.2, Point# 18 ; Page# 17	Détailed Scope	of Work			

	EOI Document Reference (s) (Page Number and Section Number)	Clarification		Response
34	9.2, Point# 19, Page# 19	Detailed Scope of Work	system, is it in PDF form or in a Itemized individual form? This will help us define how we can render these questions on Tab	
35	9.2 Detailed Scope of Work. Point# 16, Page# 18	Detailed Scope of Work	What is the current manpower required to run the existing MMDs?	Please refer Eol clause 20.8, Page 46, Annexure I - Details of Resource Requirements - (Indicative) and looking forward for your resource plan during presentation. The existing system is manual mode (Paper based), so requirement is
36	9.2 Detailed Scope of Work. Point# 13, Page# 17	Detailed Scope of Work	attendance be captured in the system?	yes, attendance has to be captured Please refer EoI clause clause 9.2, point 13 (a), Page 17- Examination schedule along with candidate credentials will be updated in Central Server, which can be verified.
37	8.2,Page# 12	Directorate General of Shipping Initiative.	Do the evaluation of answers happen on the system? Will the evaluator just adds marks or record any comments? Will there be any	Max two stages of evaluation
38	8.2, Page# 12	Directorate General of Shipping Initiative	Will there be any Oral examinations that have to be supported by the new system? If Yes, what role does a tablet have in an Oral exam? Are the answers evaluated as the candidate is giving the exam in front of an examiner OR are they saved (may be electronically) and evaluated later?	
39	9.2, Point# 4 Page# 15	Detailed Scope of Work	External exams? If so, what is the difference	There is no classification like internal & external examination. There is only one type of examination and applicable to all types of Certificate of Competency examinations.
40	9.2, Point# 4 Page# 15	Detailed Scope of Work	for model exam? Are the questions standard	Model Questions will be stored in MMD Examination centre local server provided by Service Provider / vendor for Seafarer's

Sr. No.	EOI Document	Content of EOI Requiring	Points of Clarification	Response
	Reference (s) (Page Number and Section Number)	Clarification		
41	9.2, Point# 21, Page# 19	Detailed Scope of Work	Should the tablets contain only the examination app? Should we restrict	Yes, Talet should contain the examination appointy
42	Section: 16, Page#30	Pre-qualification Criteria	Can the response to this RFP be done by a consortium of companies having expertise	It is not a RFP. It is a EOI. Consortium allowed for bidding
43	Section: 16, Page# 30	Pre-qualification Criteria	company responding to the REP should have	This will be discussed during the TBES Project Pre EoI Conference
44	Section: 9.4, Page# 20	Functional Architecture for TBES System	What is the technology stack of the existing legacy systems in DGS?	Details of existing DGS e-Governance Application Tools and Servers are provided in Annexure B of this TBES EoI Queries'
.45	100	Functional Modules for TBES System		It will be taken care by DGS, Please refer to EoI clause 9.2, point 1, Page 15 & Clause 9.4, page 20 to 22
46	Criteria Page No. 30	have successfully executed three (3) 'Turnkey IT projects' (including both application development and hardware commissioning) during the last 3 years, worth a contract value of at least INR 30 Crores each	requisite expertise and experience to address the requiremen of DGS we would request for changes in this particular clause	

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Sr. No.	EOI Document Reference (s) (Page	and the second of the second o	Points of Clarification	Response
	Number and Section			
	Number)			
47	9.2 Detailed Scope of Work Page No. 15	examinations (CoC examination) through existing Seven (7) MMD's examination centres at various locations in India.  3. DGS has decided to conduct all their CoC examination through their Mercantile Marine Department examination centres which are located at Mumbal, Chennai, Kolkata, Vishakhapatnam, Kochi, Kandla and Noida using state of the art	We understand that the 7 (or more if required by DGS) MMDs needs to be completely managed by the Service Provider for conducting the exams. This includes supplying, installing and supporting the complete hardware and software required for conducting the exams.  Please confirm our understanding.	
48	9.2 Detailed Scope of Work Page No. 15	examinations (CoC examination) through additional MMDs' examination centre at various locations in India other than existing 7 MMD examination	more MMDs.  Please clarify if the per candidate rate would be allowed to be increased with the increase of number of MMDs which needs to be	Quoted rate will be considered during O&M period. Please refer Eal dause 19, Page 35 - Payment terms

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
49	9.2 Detailed Scope of Work Page No. 16		CCTV, furniture and other facilities required for conducting exams.	examination hall, tables & chairs, power
50	9.2 Detailed Scope of Work Page No. 17	Governance system for all	Please elaborate the technical details of the e-Governance system such as platform and databse used which would help us to estimate the integration effort.	Details of existing DGS e-Governance Application Tools and Servers are provided in Annexure B of this TBES Eol Queries Response
51	9.1 Scope of TBES Project Page No. 15	period of 5 years and extendable	request DGS to allow an upward revision of the per candidate rate after every 2 years.	This will be discussed during the TBES Project Pre EoI Conference
52	clause no. 16 " Pre- qualification Criteria"	Service Provider should be a profitable company for the last three financial years and must have an annual turnover of not less than INR 50 Cr for each of the last three financial years ending 31st March, 2018. Documents required Financial statements of the last three financial years;	read as - Bidder/Consortium Partner/Service Provider shall have an average turnover of minimum 50 Cr in last three years and shall enclose self attested copy of CA certificate confirming average turnover in last 3 financial years ending as on 31st march 2018. Note: We as a Government PSU, BECIL have positive net worth in last 3 years and average turnover of more than INR 150 crs for the last three financial years	· ·

Sr. No.	EOI Document Reference (s) (Page Number and Section	Clarification	Points of Clarification	Response
	Number)			
53	3 (b) technical Capabilities of Clause no. 16 " Pre-	Service Provider must have sucessfully executed one (1) online examination Project during the last 3 years, worth a contract value of at least INR 5 crs. Documents required: Work order or Agreements or Completion	as given below: The Bidder/Consortium Partner / Service Provider must have successful executed one (1) Human resource consultancy project and /or three (3) projects for the supply, Hardware & Software of minimum INR 5 Crs for any Government of India Ministry / Department/PSU or Automous body in India/abroad	
54	(1)	based examination as a service	documnetation of the existing system. This will helf us to understand the integration	The Details of existing DGS e-Governance Application Tools and Servers are provided in <b>Annexure B</b> of this TBES EoI Quesries Response

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Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
55	Page 13, Section 9.1 (3)	(COC examination) through additional MMDs' examination centre at various locations in India other than existing 7 MMD	DGS/MMD during the examination. Or would the successful bidder/ Services provider shall be given the full nodal	Over all examination administration responsibility lies with DGS/MMD during examination. Service Provider should refer Eol to clause 9.2 page 15 to 19 - Detailed Scope of work. The Service provider have to mange and provide support for all delieverable during the examination
56	Page 34, Section 19, Payment Terms	paid against monthly invoice raise	the various paymnet milestones at this stage itself to avoid confusuion at the latter stage	This will be discussed during the TBES Project Pre Eol Conference
57	Page No. 12	Examination sitting capacity	Kindly confirm the redundant not of tablets required at each site:	Service Provider should plan as per MMD examination Centre seating capacity mentioned in Eol clause 8.2, page 13 and please refer clause 9.2, pint 18, page 19
58	(1)	based examination as a service		Any tablet with palm resistance to meet the Examination requirements, reliable, secure and should be able to perform without any problem during examination including wring on tablet response time. (Data capturing), please refer EoI to clause 9.2, point 7, page 16 - Palm resistant Tablet as device for handling Descriptive, MCQ and Drawing examinations. The details specification will be give in RFP after taking specification from TBES Project EoI vendors

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
59	Page 14, Section 9.1 (10)	application on MietY approved Cloud DC & DRC for supporting the examination application. (The database and application has to be on DG servers). Request participant organization to suggest suitable model during the presentation	It is revested to de a minimum specification for cloud DC and DRC, as well as provide a list of MeitY approved DCs. It is further requested that DC be certified against the industry standard specification such as ISO 27000, PCI DSS, HIPAA, TIA 942 or AICPA SOCprov	https://meity-gov-in/content/gi-cloud- meghraj
60		application on MietY approved Cloud DC & DRC for supporting the examination application. (The database and application has to be on DG servers). Request participant organization to suggest suitable model during the presentation	other infrastructure provisions that would be provided by MMDs at the MMD centres. It is requested that a detailed layout plan, A/C coverage, bokup coverage be shared	The Service Provider/vendor should make provision for power backup taking into account the number of tablets in a particular MMD examination centre and other infrastructure provided by vendor for un interrupted conduct of examination. Please refer Eol clause 20.9, page 47 indicative BoQ — 5 KVA UPS specified but seating capacity also listed clause 8.2, page 13 and layout plan will be given during implementation period
		application on Miety approved Cloud DC & DRC for supporting the examination application. (The database and application has to be on DG servers). Request participant organization to suggest suitable model during the presentation.		Details of existing DGS e-Governance Application Tools and Servers are provided in Annexure B of this TBES EoI Queries Response
62	(13)	necessary support to Evaluator / in examiner for any error during f	connectivity levels and the computer	DGS empanelled evaluator is familiar using basic internet & computer. Assistance is required in case of any error occurred with the solution provided by the Service Provider

Sr. No.	EQI Document	Content of EOI Requiring	Points of Clarification	Response
	Reference (s) (Page Number and Section Number)			
63			is noticed that charging cart for tablets is missiong in BoQ. Kindly confirm the distribution of Tablets in each location	
64	Page no. 47 (Annexure II)	Annexure II	specification at this stages to have a fair technical comparision on hardware at latter	
65	Criteria:	Work Order issued by client duly	signed by Authorized Signatory/ Company Secretary" as we have confidentiality obligations with our customers	
<b>66</b>	Criteria;	Documents Required: Work Order OR Agreements OR Completion Certificate issued by client duly indicating the salient points like cost, period, scope and successful completion of the projects. If the Service Provider has indicated the same project for point a) above (under 3 turnkey IT projects) and this b) point, then the project will be considered valid, if it meets the conditions under both the points.	signed by Authorized Signatory/ Company Secretary" as we have confidentiality obligations with our customers	This will be discussed during the TBES Project Pre Eol Conference

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
67	20.4 Form IV: Turnkey IT Project Experience on page no. 41 of 47	client b. Mandatory Supporting Documents: a) Letter from the client duly indicating the salient points like cost, period, scope of services like software, hardware, networking, O&M etc and successful completion of the projects	contact person detials due to confidentiality obligations. However, other relevant information related to the project as given in Form IV will be provided.  Request you to accept Form IV without	=
68	20.5 Form V: Online Examination Project Experience on page no. 43 & 44 OF 47	client b. Mandatory Supporting Documents: a) Work Order OR Agreements OR Completion Certificate issued by client duly indicating the salient points like cost, period, scope of services like software, hardware, networking, O&M etc.	contact person detials due to confidentiality obligations. However, other relevant information related to the project as given in Form V will be provided.  Request you to accept Form V without	
69	Point no. 22 on page no. 19 of 47	(hardware / software) is the responsibility of Service Provider	phase, should be carried out via a Change Request (on mutual agreement)	No change request required As DGS is going to EaaS model, The service provider will be responsible for any change / upgrade in hardware / Software during O&M Phase.

Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
	which this EoI; Point no. 1 on page		Please confirm if this disqualification would be restricted to the current tendering process only.	
	Content on page no. 27 of 47	The DGS shall not be bound by any language in the response indicating the confidentiality of the response or any other restriction on its use or		The EoI clause stands

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Sr. No.	EOI Document	Content of EOI Requiring	Points of Clarification	Response
	Reference (s) (Page	Clarification		*
	Number and Section			
	Number)			
72				This will be discussed during the TBES Project
Į.	page 35 of 47		made within 30 working days only on	
1			receipt of involces along with following	
		along with following supporting		
1		documents:	a. A confirmation report from the head of	
		a. A confirmation report from the		
		I	b. Any other document necessary in support	
		centre	of the service performance acceptable to	
		b. Any other document necessary		
		in support of the service		
			Services and/or deliverables shall be	
			deemed to be fully and finally accepted by	
			Customer in the event when Customer has	
		l	not submitted its acceptance or rejection	
			response in writing to bidder within 15 days	
			from the date of installation/commissioning	
		[ 5 0 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	or when Customer uses the Deliverable in Its	
			business, whichever occurs earlier. Parties agree that bidder shall have 15 days' time to	
		any penalties.	correct in case of any rejection by Customer.	
			(I) The payment period shall be for the	
			contract period of 5 years from the date of	
			acceptance TBES project.	
			(II) Payment to The Implementing Agency	
			for each month shall be paid only after due	
			deduction of any penalties.	
73	Section 8.2 on page	A. Examination Seating Capacity	As per details shared there is capacity of 615	Please elaborate your calculation and
		at MMD examination Centre	across 7 centers. Considering exams every	
				every year DGS conducts examinations for
			participants. Can you please provide target	
			capacity of exam centers?	"

		Content of EOI Requiring	Points of Clarification	Response
	Reference (s) (Page Number and Section	Clarification		
	Number			
74	9.1 Scope of TBES	1) DGS is looking for complete	Please help in sharing Legacy system details	Details of existing DGS e-Governance
B. 11	110 mg 1101	casice odsed examination as a	Legacy system location details hardware	Application Tools and Servers are provided in
	13 & 14 of 47	service functioning rapietz,	alid US details, application running on it	Annexure B of this TBES Eal Queries
		hardware at MMD examination centres, MPLS connectivity	l .	Response:
	ľ	- Confidentially		DGS will share API for integration with existing
		between Data Centre to respective MMD centres, system		DGS e-Governance System
1		software, application software,		(
1		customization, integration with		
		legacy system, security, training		
		and manpower and application		
l		support for 5 years) in offline-		
		online modes		
75		6) Palm resistant Tablet as device	Can you please share few sample question	Model Question Papers can be seen from DGS
	W.	of the lighting beautiphive, lyico	papers and answers to check various types	website:
1		and Drawing examinations	of questions?	http://www.dgshipping.gov.in/Content/Exam
				CertificSeafarersView.aspx?modul_id=5
76		10) Provisioning to host TBES	a. Please let us know details about DG	(A) DGS Server is hosted at C-DAC, Mumbai
- 1	T'	obbucedout ou mierr abbloxed	servers, this is referring to On oreituses	and charges are born by DGS, details are
1	1.	cross of a pict tot subbottuBli	serverr riease elaborate	provided in Apposition 5 of this Torre can
	1	the examination application. (The	b. Please clarify if charges of infra hosting	Oueries' Reserves
	lic lice	database and application has to	etc. of DC and DR will be borne by bidder or	(B) For TBES project MeitY approved cloud DC
	l <sub>z</sub>	oc on bo, servers), Requesti	DG Shipping.	DRC charges will be borne by Service
		participant organization to		provider/ Vendor
	ļ <sup>a</sup>	suggest suitable model during the presentation.		
77	Ĺ			<u>                                     </u>
	ן ו	necessary support for hosting [	OGS cloud referes to Public Cloud or existing	DGS Data Centre refers to MeitY approved
	10	of application at DGS Cloud / Data of Centre & Disaster Recovery		Cloud DC & DRC
				l)
78	1	4) Providing support during third A	Audit will be performed from DGS location	Third party audit of the application will be
1	JP	service of the abbitration attalo	or physical audit in DC	performed either from DGS locations or
	e	xecute necessary bug fixing in		Service Provider's locations or at DC & DRC
	įti	he application		ocations
	<del>_</del>			

Sr. No.	EOI Document	Content of EOI Requiring	Points of Clarification	Response
	Reference (s) (Page	,		
	Number and Section			
	Number)	are being the analysis and a second	merid es vans campany. Ses velversmo	BAC BAT II THEREWAY IS THANKS IN
79				DGS has no experience in counduct of examination on tablets, So can't provide the
		1.2		exact information. However please refer to
		support staff for smooth	tomatables will be regarded at each termen	Eol clause 20:8, page 46, Annexure-I (only
		management of the Examination		technical support staff required)
		Centre and smooth conduct of		, , , , , , , , , , , , , , , , , , , ,
		examination at each examination		
	1	centre. (suggest qualification and		
		certification for the proposed		
		resources)		
80		I '		A) Fol clause 9.2, point 17, page 18 - trainings
		TBES application effectively		to DGS & MMD officials (at least 3 times in a
			l	year) during the O&M phase at their respective locations and no. of participant will
			at the 7 centers.	be around 10 nos.
			active / centers.	or mount to has,
8.7				A) At present approx around 100 evaluators
		Evaluator / Examiner for any		are available, but this may increase in future
1		I	will also be at the Exam centers	B) DGS empanelled Evaluator will evaluate from anywhere using tablet/laptop
		Ariswei poper evaluation	Will also be at the exametemens	mornianywhere using Labley laptop
82	Q 7 Detailed Francist	II The system shall be integrated	Please advise if this will be one time load of	Please refer to Eol clause 9.2, point 13 (b)- ii.
.02	Wark;			page 13 - The Question Bank will be available
			paper bank will be maintained in TBES.	on DGS e Governance System and prior
I	no. 17 & 18 of 47	question papers. The Question		comencement of examination questions will
		Bank will be available on DGS e-		be fetched in to local server provider by
		Governance System.		Service Provider/ vendor
83		IV. The system shall integrate	Is complete answer details required to be	Yes;
		h .		Question with Answer (bundled) shall be
		for storing answer sheets and		pushed to the DGS eGovernance System.
		question paper post examination		Please refer to EoI clause 9.2, point 13 (b) - iv,
1		(bundled together)		ране 18
	1	<b>.</b>		

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Sr. No.	EOI Document Reference (s) (Page Number and Section Number)	Clarification	Points of Clarification	Response
84	9.4 Functional Architecture for TBES System on page no. 21 & 22 of 47	5. Pre-evaluation services should include following modules such as a. Empanelment of Examiner/Evaluator	Examiner/Evaluator data will come from e- Governance system. But if empanelment of Examiner/Evaluator is happening in TBES,	List of evaluator will be fetched form DGS eGovernance system and Answer sheet should be distributed for evaluation by TBES application system. Please refer EoI clause 9.4, point 5, page 21 of functional Architecture
85	9.4 Functional Architecture for TBES System on page no. 21 & 22 of 47	<ol> <li>Evaluation Services should include scoring and remarks module for MCQ, Subjective and drawing examinations</li> </ol>	question types and no other question types	There will be Descriptive, Multiple choice questions and Drawing questions.
86	9.4 Functional Architecture for TBES System on page no. 21 & 22 of 47	have the following features including, but not limited to: c. Uploading of question paper,	question paper , answer paper & credential"	The intension here is transferring the evaluated Qestion paper & answer sheet (bundled) from Service provider's server to DGS eGovernance server.
87	General Queries	prem data to cloud post	Please let us know if there is any dependency of capturing data from on premises	we will discuss during demonstration of your product and request you to kindly come with your suggestions
88	General Queries		allowed to run in on prem for infra assessment	we will discuss during demonstration of your product and request you to kindly come with your suggestions
89	General Queries	Requirement	archival policy for both RAPDRP and IPDS	we will discuss during demonstration of your product and request you to kindly come with your suggestions
90	General Queries	Details	Please help in sharing CPU, RAM. Storage utilization of each individual application	we will discuss thiring demonstration of your product and request you to kindly come with your suggestions

Sr. No.	EOI Document	Content of EOI Requiring	Points of Clarification	Response
	Reference (s) (Page			,
	Number and Section			
	Number)			
91	Page 30, Clause No. 2	The Service Provider should be a	We request DG Shipping to change the	This will be discussed during the TBES Project
		profitable company for the last	clause as below:	Pre Eal Conference
		three financial years and must	The Service Provider should be a profitable	
		have an annual turnover of not	company for the last three financial years.	
		less than INR 50 Crores for each	and must have an annual turnover of not	
		of the last three financial years	less than INR 25 Crores for each of the last	
		ending 31st March 2018.	three financial years ending 31st March	
l			2018.	
l			Eduquity has proven experience in	
l .			conducting online/computer based	
		,	examinations since 2000 and has	
ļ.,			successfully demonstrated and piloted the	
ľ			solution for over 2 years to DG Shipping. The	
			turnover indicated in EOI will not allow the	
			bidders like us having the technology,	Y
			domain experience and skilled manpower	
			especially for companies which are purely	
			into assessment business.	
92	Page 30 Section No.	The Service Provider must have	We best very set DC Shipping to thouse	This will be discussed during the TBES Project
.52	3.a		the clause as below: a) The Service Provider	
	7.5		must have successfully executed three (3)	Col Fre-pic (MBeTill®
			'Turnkey IT projects' (including both	
			application development and hardware	
			commissioning for assessment delivery)	
			during the last 3 years, worth an annual	
		Crores each	contract value of at least INR 3 Crores early.	
93	Page 30 Clause No.	4) The Service Provider should	We request this to book anged to	No diverse
] ===			The Service Provider should have the	No change
			following certificates:	
		ioi scremini level s alla abbite	- CMMi Level 3 and above for Examination	
		[	Process Management	
			- CERT IN by Gol approved agency.	I
	Y		The above certifications are more relevant	i
	[		for the Assessment Industry unlike the one	
			stated in the Eol, which is more relevant for	l
			Software Development Companies	
			= 5 = 6 = 6 = 22 = 10 = 10	

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Sr. No.	EOI Document	Content of EOI Requiring	Points of Clarification	(Control of the Control of the Contr
	Reference (s) (Page Number and Section Number)	Clarification	Folias of Clarification	Response
94	Page 35, Clause 19	19 Payment Terms	We hereby request for advance payment of 40% of annual billing towards. Hardware/IT Infra deployment. This amount can be calculated based on the expected total number of tests to be delivered per annum. (Test implies – test taken per single continuous sitting per candidate). Balance can be paid monthly based on per test per participant basis during the month with the advance being amortised in each	
95	Page 17, Section 9.2	(DGS eGovernance) for validationg seafarer's login credentials	Based on the block diagram provided, e- Pariksha has one set of login details and eGovernance has second set of login details. Would they be merged with only eGovernance system? Or do we need to factor in for two level of Integration	One level of Integration with DGS e- Governance System only
96		e-Governance) for downnloading question papers. The Question Bank will be available on DGS e Governance System.	currently except for class IV examination, all other examinations happen in the manual mode. The document also outlines that the integration would need to fetch questions from the eGovernance system. Please clarify if PGS would be populating this question bank prior to integration or will the service provider be required to populate the same.	DGS is planning to conduct the all the examination including class IV at their MMD examination. Centres with new selected Service Provider Question bank will be available in DGS eGovernannee System Question paper authoring system will have to be developed by service provider and the question paper will be set by DGS. Based on the pattern set by DGS, the question paper will be generated for a particular examination.

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5r. No.	EOI Document Reference (s) (Page Number and Section Number) Page 18, Section 9.2	Clarification  The system shall integrate with DGS e-Governance system for storing answer sheets and	Points of Clarification  Request that the current encryption details be provided. Further, it is advisable that the question paper and answers post examination be stored in the same server provided by the service provider. This will ensure there is no connectivity or uptime issue between to disjoint servers	
98		necessary manpower at all	centres if added would be at an additional cost. The current price quote needs to factor in only 7 MMD centres.	In case of any new additional MMD centre, the Service provider will be paid as per quoted value i.e per user per examination basis.
99	Page 24, Section 10.4	- =	and unrealistic for the integration of this nature. It is recommended that the schedule be relaxed to have final Go live and sign off in T + 51 weeks.	
100	Criteria	sucessfully executed one (1) online examination project during the last 3 years, worth a coontract value of at least INR 5	We request you to please modify this clause as given below: The bidder/ consortium partner / Service provider must have successfully executed on line examination project for a client in the last 5 years having a cumulative value of INR 3 Crores	This will be discussed during the TBES Project Pre Eol Conference

# ANNEXURE - A

# Detailed list of Engineering & Nautical Stream Certificate of Competency (CoC) Examination Papers

# 1) Engineering Stream

For	Class eign Going	Name of CoC Examination Papers	Types of Examination
Class I		Engineering Management	Descriptive / Written
Class II	Part A = 2	Mechanics & Hydromechanics     Thermo dynamics & Heat Transmission	Descriptive / Written Examination
	Part 8 = 6	Naval Architecture     Ship safety & Environment protection & Personal care     Marine Engineering Knowledge (General)     Marine Engineering Knowledge (Motor)     Marine Electro Technology     Marine Engineering Practice	Examination
Class IV	Part Á = 3	Heat Engine     Applied Mechanics     Mathematics	(Existing MCQ) To change over to Descriptive
	Part B =5	Marine Engineering Knowledge (General)     Marine Engineering Knowledge (Motor)     Marine Engineering Practice     Marine technology     Ship construction & Stability, ship safety, Environmental protection	
Costal			
Class IV	NCV - 4	Marine Engineering Knowledge (General)     Marine Engineering Knowledge (Motor)	
Class III	CEO (NCV) - 1 SEO (NCV) <4	Marine Engineering Practice     Marine technology     Ship construction & Stability, ship safety, Environmental protection	Descriptive / Written
ETO	Electro Tech Officer - 1	Electrical Technology	Descriptive / Written



## 2) Nautical Stream

Class	Name of CoC Examination Papers	Types of Examination
	Foreign Going	
Phase- I	Naval Architecture Paper 1	Descriptive / Written
1 Hase 1	Cargo handling & Storage	Examination
	• TCN	230/11/12/2017
	Ship safety, emergency maintenance & Managerial skill	
	Meteorology	
Phase-II	Naval Architecture Paper II	Descriptive / Written
	<ul> <li>Bridge watch keeping, ship handling &amp; Emergencies</li> </ul>	Examination
	<ul> <li>Navigational, AIDS including compass</li> </ul>	
	<ul> <li>Engineering, Knowledge, Instruments &amp; Control system</li> </ul>	
	Maritime legislation	
2nd Mate	<ul> <li>Ship instruction, stability, ship safety &amp; environment</li> </ul>	Descriptive / Written
	protection	Examination
	• TCN	
	<ul> <li>Bridge watch keeping, emergency</li> </ul>	
	Meteorology	
	Cargo handling & storage     Calcation Maniantian	
	Celestial Navigation     Signal	
ASM	Advance Ship board Management	Descriptive / Written
Main	Appende 2mb poeto Menegement	Examination
Coastal		ENG(III) IGENOTE
Phase I	Naval Architecture	Descriptive / Written
	Cargo handling & storage	Examination
	Terrestrial & Celestial Navigation	
	Meteorology\Ship safety, Damage control, Movement of	
	vessel	
Phase II	Navigational AIDS	Descriptive / Written
Phase II	Navigational AIDS     Maritime legislation	Descriptive / Written Examination
Phase II	<ul> <li>Navigational AIDS</li> <li>Maritime legislation</li> <li>Bridge watch keeping, Ship handling &amp; Emergencies</li> </ul>	
	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system	Examination
Phase II	<ul> <li>Navigational AIDS</li> <li>Maritime legislation</li> <li>Bridge watch keeping, Ship handling &amp; Emergencies</li> </ul>	Examination  Descriptive / Written
	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system	Examination
ASM	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management	Descriptive / Written Examination
	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management  TCN	Examination  Descriptive / Written
ASM	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management      TCN     Practical Navigation	Descriptive / Written Examination  Descriptive / Written
ASM	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management      TCN     Practical Navigation	Descriptive / Written Examination  Descriptive / Written
ASM	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management      TCN     Practical Navigation     Meteorology	Descriptive / Written Examination  Descriptive / Written
ASM	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management  TCN     Practical Navigation     Meteorology     Dredge Watch Keeping	Descriptive / Written Examination  Descriptive / Written
ASM	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management  TCN     Practical Navigation     Meteorology     Dredge Watch Keeping     Cargo     SSPE	Descriptive / Written Examination  Descriptive / Written
ASM	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management  TCN     Practical Navigation     Meteorology     Dredge Watch Keeping     Cargo     SSPE	Descriptive / Written Examination  Descriptive / Written
ASM NWKO Dredge Gra	Navigational AIDS     Maritime legislation     Bridge watch keeping, Ship handling & Emergencies     Engineering Knowledge, Instrument & Control system     Advance Ship board Management      TCN     Practical Navigation     Meteorology     Dredge Watch Keeping     Cargo     SSPE	Descriptive / Written Examination  Descriptive / Written Examination

	Engineering Knowledge     Commercial Knowledge & Stability	
Master II	<ul> <li>Dredge Construction &amp; stability</li> </ul>	Descriptive / Written
	<ul> <li>Safety &amp; Dredge Maintenance</li> </ul>	Examination
	Dredge Knowledge	
	<ul> <li>Practical Navigation</li> </ul>	
	Radio & Electronics	
	Meteorology	
	Chart Work & Plotter	
Mate I	<ul> <li>Nautical Physics</li> </ul>	Descriptive / Written
	<ul> <li>Naval Architecture</li> </ul>	Examination
	<ul> <li>Dredge Knowledge</li> </ul>	
	<ul> <li>Electrical technology</li> </ul>	
	Naval Mathematics	
	<ul> <li>Principal of Navigation</li> </ul>	
	Dredge Watch-keeper	
	Meteorology	
	Chart work	
Mate II	Naval Architecture	Descriptive / Written
	Dredge Knowledge	Examination
	Elementary Physics	
	Practical Navigation	
Foundatio	in Course	
Mate II	Nautical Mathematics	Descriptive / Written
	<ul> <li>Nautical Physics</li> </ul>	Examination
	<ul> <li>Nautical Chemistry</li> </ul>	1
	<ul> <li>Nautical Electricity &amp; Electronics</li> </ul>	
Skipper Gr	rade	
Grade I	Practical and Principal Navigation	Descriptive / Written
	Chart work	Examination
	Construction and stability	
	<ul> <li>Navigation AIDS</li> </ul>	
Grade II	Practical and Principal Navigation	Descriptive / Written
	Chart work	Examination
	Construction and stability	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
	Navigation AIDS	
Mate of	Swimming ship safety	Descriptive / Written
		The second production of the production of the second of t
Fishing	Meteorology	Examination
Fishing Vessel	Meteorology     Navigation	Examination

#### Annexure B

Here is detail list of Existing DGS e-Governance Application tools/technology and Servers

### A) DGS E-Governance Application Tools / Technology

For External User- J2EE: Struts 1.0, EJB 2.0

Report tool: Jasper 3.5.3, Oracle Reports 10g

For Internal User to Process the application - Oracle Forms, Oracle Reports 10g

Data Base : Oracle 11

Application Server : Oracle AS 10g (10.1.2.0.2)

OS Red Hat Linux

### B) Servers details

The DGS e-Governance servers are hosted at CDAC data centre and following are details

Sr. No.	Services	Configurations
1.	Dedicated server	Processor: 2x6 core RAM: 16GB HDD: 3x300 GB
2.	Dedicated server	Processor: 2x6 core RAM: 8GB HDD: 3x300 GB
3.	SAN storage	Space: 2TB
4,.	Internet Bandwidth	12 Mbps
5.	Dedicated server	Processor: 8vCore RAM: 8GB HDD: 2 TB
6.	Load balancing services	2 Nodes
7.	Backup service	Backup server