Response to Pre-Bid Queries – UMANG Frontend (Vendor 2)

Date: 08.07.2019

Response to Pre-Bid Queries against RFP for Appointment for Partner Agency (Vendor 2) For UMANG – Frontend (Unified Mobile Application For New-Age Governance) published by National e-Governance Division (NeGD) on 06.06.2019

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	Page 29, Eligibility Criteria clause 10.1, Table No. 7, Sr. no. 4, subclause b & C	b) Developing min. 5 mobile applications; each shall have been developed, deployed and operational on Android and/or iOS on the date of the Bid. c) At least one of the applications shall have a net install of min. 100,000 out of 5(five) or otherwise (1 lakh)	Wanted to know if this clause can be relaxed for companies, considering their experience in developing high end enterprise level apps.	No change
2	Page 31, Evaluation Criteria Point 1.i	4 marks for each app with at least 100K installs for each app on Google Play store (Max. 20 marks)	Kindly limit this to 2 PO's instead of 5 and help to Count Each PO as 10 Marks.	No change
	Page 31, Evaluation Criteria Point 3	Android Apps: (Max. 12	Kindly consider Google Play Store Rating for Android App as 3 and Above and limit this to 2 Mobile App's developed for Government Department only.	No change
4	Page no 29, Section 10	Experience/turnover criteria	exemption in experience/turnover criteria as per attached circular. We do have MSME certificate from Govt of India. Also find the attached circular (pdf) from Govt of India, where they are stated that "The Startups are normally	This is a prestigious project of Government of India already operational from last 3 years with huge user base, hence minimum experience

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			Micro and Small Enterprises which may not have a track record. These will have technical capability to deliver the goods and services as per prescribed technical & quality specifications and may not be able to meet the qualification criterion relating to prior experience-prior turnover." Please confirm, can we use this circular and MSME cert along with our tender documents. Ref - http://dcmsme.gov.in/Office%20memorandom_10316.pdf	criteria, as specified is a must. No change in requirement.
	Page no 6, Section 4.4	Entire Section (UMANG Front-end Key Functionalities and Features)	Will existing vendor train and certify our developers for usage of platform developed by them? What is typical time required to learn UMANG platform (mobile side) AND Server API call for UMANG backend? What are historical time lines of a typical application development e.g. NPS/ BPCL.	- To get the handover from the existing vendor is prime responsibility of selected Partner Agency where existing vendor will not certify the developers. To ensure the handover process, selected Partner Agency shall refer the RFP Partner Agency can refer the UMANG app and RFP for complete understanding and can identify the time required to learn UMANG Platform. Please refer the RFP/Corrigendum for Go-Live timelines/deliverables Service levels have been defined based on the complexities of the deliverables which can be directly proportionate to timelines. Partner Agency can identify the deliverables based on their own experience. Assumptions and summary of current system is shared in the RFP. However, due diligence may be done by the bidder before bidding. The Bidders are requested to visit the current existing UMANG mobile application.

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6	Page 16, Section 5.2.1	Service Enablement Process, v. Create comprehensive test cases and QA report for every service/core delivery made.	Will we get Test Cases for already deployed 400+ services ?	Yes, it will be shared post issue of LOI.
7	Page 16, Section 5.2.1 and Above :	Service Enablement Timelines	3a. How many resources for each service type? These are calendar dayscan you provide person days? 3b. What is (commercial) recourse if S1 is delayed due to reason beyond our control? 3c. What is (commercial) recourse if interfaces are changed &/or unavailable during development process? 3d. What is recourse if S1 is found to be S3 (or other category) after actual development starts? 3e. For O & M, what if 4 resources (to be deployed on site) are not enough for bug resolution within stated SLA periodwill the penalty be waived off and additional resources are allowed?	based and therefore due diligence may be done by the bidder before bidding by referring the service types provided in the RFP and UMANG Application. LD is for the delays caused by partner agency (vendor 2) in delivering the target service allocated to them. For service enablement on Frontend we don't see any dependency after publication of APIs and documents by backend. However, still if there any delay not attributable to Vendor-2 they will be handled suitably on case to case basis. Categorization shall happen before the service starts. It is expected that Vendor-2 is experienced enough to know the scope and type of service. However, in case of discrepancy in service category NeGD will draw parallels from the existing listing of service and their type and decision of NeGD shall be final in categorizing the service. The number of resources are tentative
				and can be ramped up or down on

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				need basis. For Resources deployment as per need refer section 6 of RFP
8	Section: 5.3	UMANG Website Enhancement and Maintenance	What is underlying technology/ framework or CMS for Website? Can brief architecture diagram be made available?	If the query refers to UMANG Web, the stack used is JSP, Javascript - AngularJS, HTML, CSS etc. Any off-the-shelf CMS is not used. The Bidder is requested to visit the current existing UMANG website and Frontend RFP for reference. Due diligence may be done by the bidder before bidding
Ğ	General	For raising Production defects (/tickets) or QA defects	Do we have provide for Defect management tool (like JIRA OR Remedy) OR will we be given subscription/login of existing defect management system?	NeGD will provide ONLY Defect reporting tool (JIRA or some other tool depending on the need). For any other software/tool etc. used, must be procured in the name of NeGD but cost to be borne by Vendor 2.
10	Section 10.2 Evaluation Criteria	10.2.1 Technical Evaluation	As per the criteria minimum 75 marks are required for qualification. Out of which 35 marks are for downloads from Google PlayStore and Apple AppStore (Item 1 Table 8) 20 marks are for ratings given by users on Google PlayStore and Apple AppStore. We have been developing complex mobile applications for Insurance, Packaged Consumer Goods as well as last mile delivery (including navigational Maps). However, these are Enterprise Applications and hence do not have presence on store. Can you consider above mentioned 55 marks to be evaluated for these applications instead of parameter of Goole PlayStore and Apple AppStore? (In fact, we will not qualify if answer is "NO").	No change
11	10.2.1 Table 8 – Sl No: 1	Technical Evaluation Live and Operational Mobile Application For Apps of type Government, e-governance, Financial Services and Insurance(BFSI)	It is requested to add "FMCG" sector as well.It is requested to add "FMCG" sector as well.	The clause stands modified as, For Apps of type Government, eCommerce, Banking, Financial services and Insurance (BFSI), FMCG

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12	10.2.1 Table 8 – Sl No: 3	Performance of Live and Operational Mobile Application on Android & iOS For Apps of type Government, e-governance, Financial Services and Insurance(BFSI)	FMCG sector may please be added here as well for the purpose of performance and marking.	The clause stands modified as, For Apps of type Government, eCommerce, Banking, Financial services and Insurance (BFSI), FMCG
13	5 (ix)	Development/Customization and implementation of web- based Project Management Tool(s) as per need of NeGD/MeitY	Do we have to propose a project management tool. If yes then who will pay for price/subscription fee for the tool?	NeGD will provide ONLY Defect reporting tool (JIRA or some other tool depending on the need). For any other software/tool etc. used, must be procured in the name of NeGD but cost to be borne by the Vendor 2.
14	5(xxvi)	Search Engine Optimization for App/mobile web/web app: The Partner Agency (Bidder) shall create SEO Program that results in an increase in overall visitors.	Who will bear the cost of SEO?	Cost to be borne by NeGD. However, the technical requirements have to be fulfilled by Vendor 2 and all other work related to this will also have to be carried out by Vendor 2.
15	5.1(iii)b	i. Fix 5 bugs handed over by NeGD (including all platforms Android, iOS, Web, KaiOS) ii. Undertake 5 enhancements/changes proposed by NeGD (including all platforms Android, iOS, Web, KaiOS)	Timeline is limited to 90days for all these activities along with 10 new services development, but bugs/enhancements/changes are not mentioned. Timeline for resolving any issue should be a joint call between NeGD and vendor2. Please include such dependency.	No change, however, any dependency beyond the control on implementing vendor shall be considered by NeGD and suitably handled by NeGD.
16	5.2.4	Service Enablement Timelines - The Partner Agency (Vendor 2) should be able to ramp up the capacity to deliver 240 services in an year i.e. ~60 services per quarter (after the go-live period).	There should be a commitment for minimum number of services. What if vendor 2 does not get 60 services per quarter while keeping resources accordingly?	No change. Service enablement is delivery based and NeGD does not require these resources to be deployed at NeGD. Vendor 2 is expected to do the sizing and load management. 60 services is a tentative target for a quarter which may go up or down.

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17	5.4(vi)	The resources deployed for O&M shall work extra hours to fix critical Bugs such as outage of services etc. for ticket resolution.	Do we need to quote for extra hours rates separately?	There is no provision of extra hourly rates under this RFP. Due diligence may be done by the bidder before bidding.
18	5.8(v)	The cost of Security Audit will be borne by Partner Agency (Vendor 2)	There is no mention of this item in financial quotes table. Since the security audit agency will be selected by NeGD, it is requested to keep the audit cost borne by NeGD only.	No change. Partner agency has to get the complete work audited by an external CertIn or empaneled agency through STQC and Partner Agency shall bear the complete cost of such audits activities. NeGD at its Cost/discretion can get the work audited from a separate independent nominated agency apart from regular audits done by Frontend Partner Agency.
19	5.9	The test conducted should be through an industry used tool across platforms and not manual. The device specifications (OS, memory, processor etc.) used for these tests (both Android and iOS and other applicable platforms including web) must be among the most used category across the nation. The cost of any tool used will be borne by Partner Agency (Vendor 2)	We understand the tool to be used for testing is not a deliverable. Please confirm.	The software must be procured in the name of NeGD but cost to be borne by the vendor. All tools to be handed over at the time of exit to NeGD.
20	9.1	Resource Fees for Operations and Maintenance (per Month) (C)	Can we have minimum number of resources in each resource category those will be permanently deployed during the O&M period? This will help us in offering a competitive pricing.	The tentative number of resources will be 4 as laid out in RFP. However, the number can be ramped up or down. For Resources deployment as per need refer section 6 of RFP

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21	9.1.2.1 (a)	The Partner Agency (Vendor 2) has to enable and make live all services published by UMANG backend (Vendor 1) and assigned to the Partner Agency (Vendor 2) in the first two months of that quarter by NeGD/ NeGD nominated Agency.	Can we consider this statement as services developed by Vendor 1 in 3rd month of previous quarter plus services developed in first 2 months of current quarter has to be consumed and develop frontend by Vendor 2 in current quarter?	Clause is self explanatory
22	9.1.2.1 (b)	For payment of Service Enablement Fees for these services, at least 80% of the total count of the services in the first two months of that quarter handed over to the Partner Agency (Vendor 2) should be complete (i.e. live on production on all frontend apps) within that quarter.	Will there be any penalty imposed in case 80% of the total count of services not enabled in a quarter?	Yes, if the target for the given quarter is not achieved as per LD clauses under section 12.3 given in the RFP.
23	10.1	Eligibility Criteria-Legal Entity 1. A company incorporated in India under the relevant Companies Act, 1956 or 2013 and subsequent amendments thereto	Request for inclusion of Limited Liability Partnership firms under this criteria.	The clause stands modified as, "A company incorporated in India under the Companies Act, 1956/LLP registered under LLP Act 2008 or 2013 and subsequent amendments thereto
24	4.3/Page No 10	UMANG Client Apps (Frontend)	Do we need to port existing ~90 departments to KaiOS retroactively?	Detailed list of services available on UMANG are given in the RFP. For KaiOS work i.e. number pf services enabled beyond the existing services, the bidder will be paid extra as per section 10.2.2 of this RFP
25		General	What is the payment process for any changes/enhancements to older services/departments	Changes, wherever applicable are to be handled by the Partner Agency (Bidder)

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				through resources stationed at NeGD. No Additional cost shall be paid for change requests. Please refer section 5 of this RFP for details.
26	10.2.2/Page No 41	Resources Fee (C) for Operations and Maintenance	As resources of O&M are fixed for operations and enhancements/ Changes, priority of bugs would be higher than the CRs.	Changes, wherever applicable are to be handled by the Partner Agency (Bidder) through resources stationed at NeGD. No Additional cost shall be paid for change requests. Please refer Frontend RFP for details.
27	5.8/Page No 27	Security	If the cost of the security audit is to be borne by the partner agency, will NeGD assign the auditor?	Partner agency has to get the complete work audited by an external agency and Partner Agency shall bear the complete cost of such audit's activities. NeGD at its cost/ discretion can get the work audited from a separate independent nominated agency apart from regular audits done by Frontend Partner Agency.
28		General	As change requests are not chargeable, how is the effort/costing envisioned for any integration/changes impacting multiple services (DigiLocker, design guidelines, RAS etc.)?	Due diligence may be done by the bidder before bidding
29	5/Page No 19	Scope of Work for Frontend Partner (Vendor 2)	What will be the scope of trainings/type of trainings to be provided by the front-end vendor	Clause is self-explanatory
30	5.2.4/Page No 24	Service Enablement Timelines (Indicative)	If NeGD resources are partially deployed (along with vendor's resources) to fast-track delivery, will the entire service (where these resources have been engaged) not be counted against the target or payments?	Yes, those services developed by NeGD shall not be counted for Payment to Vendor 2.
31	5.3/Page No 25	UMANG Website Enhancement and Maintenance	Could you please elaborate on the "themes" to be developed by the partner agency for the website	The Bidder is requested to visit the current existing UMANG website and Frontend RFP for reference. Due diligence may be done by the bidder before bidding.

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32	Annexure IV/ Page No 136	Responsibility Matrix of 03 UMANG Vendors-Testing	As per our understanding, the backend vendor will be responsible for creating and testing of APIs as part of the service On-boarding process. After the APIs are tested, these will be passed onto the front-end vendor for integration. Once the APIs are integrated on the front-end, the vendor will be required to do complete testing of the service flow. If any API related issues are identified during integration or testing, the backend vendor will need to resolve these issues and confirm back to the front-end vendor, who will then need to re-test the flow again. How will this be factored in while calculating the SLAs & TATs for the backend and front-end vendors.	All testing as well as re-testing is part of the scope of Vendor 2. The vendor is supposed to raise any issue related to APIs/documentation before they start the development in which case the issue of re-testing will be rare. however, if there is still such scenario SLA/TAT for Vendor 2 will be relaxed to such extent.
33	3.e.(i) Page.10 (Backend) 3.v.(a) Page.3	If the same vendor applies to more than 1 RFP and technically qualifies for more than 1 bid, its choice of preference shall be taken before opening of financial bids.	We suggest that, technically qualified bidder should be allowed to participate in more than 1 bid and preference should be asked post opening of financial bid.	No change
34	5.2.2/Page No 22	Service Types	Severity of service was defined on service level. What is the case where service will have multiple sub-services? Will sub-services will also be considered as separate service only.	Service types are defined in detail in RFP against category S1-S6. NeGD decision shall be final in categorization of service in case of any issue.
35	5.1/Page No 27	Go-Live (With specified Works)	Definition or average effort is required for 5 BUGS to be resolved as part of Go Live Criteria	Please refer to Table 13 in Clause 11.1.4 where SLAs are defined for different severity, which are in hours, whereas 'Go-Live' period is 3 months (90-days). This provides the reasonable estimate for the effort required.
36		General	Any service which is put on hold post UAT, will it impact vendor SLA. What will be the impact on billing as development is complete in this case.	No, it will not impact Vendor SLA.
37	4.4.4 Multilingual	Languages are selected from the list of Scheduled Languages as per Census	Are supported languages and the translation are pre bundled in the application? Or is there any API to get these translations?	There are no APIs for language translation. Bidder has to get the work translated in different languages as per

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		2001. Current Languages supported by Application are:		requirement of different states/services.
38	4.4.13 Caching	To ensure quick response time and better user experience, the below caching strategies are employed but not limited to:	Is there any limit on the cache size? What would the priority order of deletion?	As experts, Partner Agency (Vendor 2) is supposed to devise and implement the best strategy.
39	4.4.13 Caching	UMANG application maintains the citizens data in cache. Citizens need not to fill the forms every	There is inconsistency in caching the Data in the current iOS Application. For some department it is caching the data while for others it is not caching any data. For instance under "Pradhan mantri kaushal vikas yojna" Add Candidate & Training Center options aren't caching any data. So Is there any guidelines regarding caching of data for departments.	The Bidder is requested to visit UMANG website and app on respective stores for complete understanding of the existing work. The caching of data should be consistent across platform and there are standard design guidelines followed for development. Due diligence may be done by the bidder before bidding.
40	4.4.14 Branding	Mobile/Web	Does UMANG app support (Access control list) ACL feature? Is it possible to show some feature to some particular user?	Yes
41	Generic	Mobile/Web	Please elaborate the current limitations of existing system for better understanding of the business drivers. Are future state processes clearly defined/documented?	The Bidder is requested to visit UMANG website and app on respective stores for complete understanding of the existing work. Due diligence may be done by the bidder before bidding.
42	Functional/Technical	Mobile/Web	What systems are we integrating data from? Need more insight into integration points with current Systems. Are the APIs available to support the same or do they need to be developed?	Please refer section 5.2 of RFP for details.
43	Functional/Technical	Mobile/Web	Please provide us the high level technical workflow diagram if possible	Please refer section 4 of RFP for getting overview of existing system.
44	Functional/Technical	Mobile/Web	Please provide the functional level workflow diagrams if possible	Please refer section 4 of RFP for getting overview of existing system.

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45	Functional/Technical	Mobile/Web	Please provide user volume per platform for the application. (eg. IOS, Android, Web Mobile app, Web app, KaiOS). if possible please share user volume bases on browser in case of web	As on July 4th, 2019, Total registered users on UMANG are ~13.4 Mn. across different channels. The App downloads on Android is ~ 13 Mn. and iOS is ~7 lakhs.
46	Functional/Technical	Mobile/Web	Please provide the current user registration and active user data. Need to understand the size (number of records) in the database and the growth rate.	As on July 4th, 2019, Total registered users on UMANG are ~13.4 Mn. across different channels.
47	Functional/Technical	Mobile/Web	Provide the daily and monthly installation data for iOS, Android and KaiOS	In the month of June-July 2019 roughly around 20-30k installs are happening each day.
48	Functional/Technical	Mobile/Web	Provide the current release process details (Weekly, Monthly, Quarterly etc.)	As per industry standard may be taken
49	Functional/Technical	Mobile/Web	Provide the current release flow. (eg. dev > staging > qa > prod)	As per industry standard may be taken
50	Functional/Technical	Mobile/Web	Provide the current available environment (eg. Dev, Staging, QA, Prod)	There are 3 environments currently Dev, Staging/QA, and Production.
51	Functional/Technical	Mobile/Web	Who does the business testing currently?	The existing vendor does the Business testing for complete service flow. Once the services are QA approved by existing Partner Agency NeGD at it discretion gets the work audited from an external third party agency. The new Partner Agency is required to thoroughly test and validate complete functionality before offering for UAT or demo to NeGD/Department/NeGD Nominated Agency failing which the LD will be applicable as mentioned in the RFP.
52	Functional/Technical	Mobile	What Android/iOS version devices support is required? Please mention the minimum OS version support as well.	The App should work on All Android, iOS devices with the versions of operating systems released by them in

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				last three years at any given point of time.
53	Functional/Technical	Mobile	We are assuming no specific screens are developed for Tablet/iPad. Same Screen UI screens have been used for both mobile and Tablet/iPad. Please confirm.	The UMANG mobile app/web is designed to work on different form factors/devices etc. without compromising on User experience and providing an optimal viewing and interaction experience—easy reading and navigation with a minimum of resizing, panning, and scrolling—across a wide range of devices (from desktop, Laptop, tablet to mobile phones). Due diligence may be done by the bidder before bidding.
54	Functional/Technical	Mobile/Web	Assuming that managing content is out of scope. Please confirm	Managing any content on app/web is within the scope of this RFP. Please refer Section 5.3 of this RFP for information.
55	Section 5. 19 Pag no. 20	The App should work on All Android, iOS devices with the versions of operating systems released by them in last three years and all future releases at any given point of time	This is subjective. Is it possible to be specific on the versions and releases?	The App should work on All Android, iOS devices with the versions of operating systems released by them in last three years at any given point of time.
56	Section 5.22 Page no. 20	Change Requests, wherever applicable are to be handled by the Partner Agency (Bidder) through resources stationed at NeGD	Is there a fixed "TAT" for these requests?	As per timelines communicated by NeGD and SLAs defined. Please refer Section 11 of this RFP for SLAs defined.
57	Section 5.26 Page no. 20	"The Partner Agency (Bidder) shall create SEO Program that results in an increase in overall visitors"	Is there a fixed target to achieve for the count of visitors	Modified: "The Partner Agency (Bidder) shall support SEO Program that results in an increase in overall visitors"

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58	Section 5.1.3 Page no. 21	Develop, Test and make live on production 10 new services assigned by NeGD on Android, iOS, Web and KaiOS	Is there a turn around time fixed for this?	Please refer Section 5 and Section 9 of RFP for complete details.
59	Section 5.1.3 Page no. 21	Fix 5 bugs handed over by NeGD (including all platforms Android, iOS, Web, KaiOS	Is there a turn around time fixed for this?	Please refer Section 5 and Section 9 of RFP for complete details.
60	Section 5.1.3 Page no. 21	Undertake 5 enhancements/changes proposed by NeGD (including all platforms Android, iOS, Web, KaiOS	Is there a turn around time fixed for this?	Please refer Section 5 and Section 9 of RFP for complete details.
61	Schedule II - Page 75	List of documents	Request you to please clarify if all these documents are required to be submitted as a part of 'Envelope 2 – Technical Proposal' in Section 13.8 , Page no 54	Clause is self explanatory.
62	Section S3.3 – Page 81	CERTIFICATE AS TO AUTHORISED SIGNATORIES	Request you to kindly clarify if board resolution for authorized signatory in our format can be submitted	The formats are clearly defined in the RFP and needs to be submitted accordingly.
63	Section 4.4.19 – Page 17	Single page application architecture	Request you to kindly clarify if we need to use the current code, then the need of SPA (Single page application) might not get satisfied as it is implemented using AngularJS, so moving to the newer code base/version of Angular (preferably 7) might take time as we need to start from scratch.	Due diligence may be done by the bidder before bidding.
64	Section 5 (xxix) – Page 20	Scope of Work for Frontend Partner (Vendor 2)	Please clarify if there would be a limit to the web elements that needs to be included in the prescribed screen resolution limit, which will not have a vertical scroll.	The UMANG mobile app/web is designed to work on different form factors/devices etc. without compromising on User experience and providing an optimal viewing and interaction experience—easy reading and navigation with a minimum of resizing, panning, and scrolling—across a wide range of devices (from

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				desktop, Laptop, tablet to mobile phones). Due diligence may be done by the bidder before bidding.
65	Section 5 (xxxi) – Page 21	Scope of Work for Frontend Partner (Vendor 2)	We need in depth understanding of what exactly is expected out of the Akamai CDN. Is it only for images or the entire project will be part of Akamai CDN?	Static assets under the project is part of CDN. Bidder is required to take necessary support from concerned Akamai and NIC teams wherever required subject to existing arrangements between NIC and Akamai.
66	Section 4.4 (4.4.7) – Page 14	UMANG Front-end Key Functionalities and Features (Ratings and Feedback)	As there could be multiple services available on the website depending on the user preferences, how would the API's like Top Rated, Trending Services etc. would send the data and how can it be managed from the UI?	The users are going to access the services from the UI, rate the services from UI. Placement corresponding to user ratings, usage statistics should be done at UI level.
67	Section 4.4 (4.4.10) – Page 14	UMANG Front-end Key Functionalities and Features (Profile Management)	As there could be multiple fields which would be dynamic, how would we manage the data validation part?	Due diligence may be done by the bidder before bidding.