

## Pre Bid Response and Corrigendum Document – Tender No. 42/CEO/CHiPS/CECB/2017

Date : 31/07/2017

Corrigendum Reference Number	42/CEO/CHiPS/CECB/2017/Corrig1
Tender Reference Number	42/CEO/CHiPS/CECB/2017
Project Name	Selection of Vendor for Supply, Commission and Maintenance of Real Time Data Acquisition and Handling of CAAQMS/CEMS/EQMS data through Client-Server System from Industries located across Chhattisgarh State
Last Date and time for submission of bids	Wednesday, 16/08/2017 up to 03 :00PM
Physical submission of EMD/DD	Wednesday, 16/08/2017 between 03 :00 PM to 05 :00 PM
Date of Technical Bid Opening	Wednesday, 16/08/2017 up to 05 :01 PM

**Note:** Bidder has to submit the signed copy of this corrigendum with the Technical Bid in envelope B.



**Chhattisgarh Infotech & Biotech Promotion Society  
(CHiPS)**

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## Pre Bid Query Response

S.NO	Section No	Page No.	RFP Clause	Query	Remark	Response
1	3.1	10	1. Legal Entity	Please permit partnership firms to participate in the tender		Partnership firms are allowed. Please refer corrigendum.
2	3.1	10	2.a. Turnover	Average turnover of 40 crores over three years is very high. Kindly reduce the same in line with the criteria used by other state pollution control boards for carrying out similar works.		As per RFP
3	3.1	10	2.b. Profit	Kindly relax the qualifying criteria	The condition maybe appropriately be relaxed. Perhaps, 2 years positive profits	As per RFP
4	3.1	10 & 11	3. Past experience	Kindly relax the qualifying criteria with respect to orders	You may permit work orders pertaining to private companies also towards qualifying	As per RFP
5	3.1	11	4. CMMi Certification	Kindly permit ISO certification in software development lieu of CMMi		As per RFP

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6	3.2	14	4. Demonstration	Please specific the type of analyzer that should be calibrated remotely. - CEMS or CAAQMS	Also - Do we have to setup the analyzer + calibrator at the CECB premises during the demonstration. If no, how will the same be examined?	System should be capable of performing remote calibration for analysers that can be remotely calibrated and connected to the system.  Yes, it is expected that the vendor will bring in an analyser and calibrator for demonstration of its solution.
7	4.21	32	1. Delivery and Installation of equipment	Please evaluate the option of "Cloud" infrastructure	"Cloud" based IT deployments are easier to maintain as these solutions will avoid the cost of managing the hardware support. We can deploy the solutions at	It is left to the bidder to propose the most appropriate solution.

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					NIC or any other Govt approved cloud services provider	
8	4.21	32	3. Maintenance of Systems	Please clarify the scope. Is the vendor expected to repair the analyzers??		Vendor will be responsible for only items supplied by it.
9	4.26.2	34	4,5,6, Payments	Please link the payment to the readiness of the software and factors that are within the scope of vendor	What happens if the analyzers are not in a working condition at Industry? What happens if the Industry does not co-operate or the necessary infrastructure is not available e.g. good internet connectivity.	These issues will be dealt by CECB with the industry however, vendor is expected to inform CECB with evidence of such incidences
10	5.2.1	43	5.2.1.3 Database	Include proprietary & non-proprietary databases	Let us choose the database most appropriate to our application. There are pros	It is left to the bidder to propose the most appropriate solution.

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					& cons for both types of databases	
11	5.2.3	47	xvi	Kindly clarify as ISO-7168 is data protocol while the other are communication protocol		Please refer corrigendum
12	5.2.3	47	xix Software particulars	Remove restriction on database types	Let us choose the database most appropriate to our application. There are pros & cons for both types of databases	See response to S.No 10 (Section 5.2.1)
13	Annexure - 111	59	3. Supply & Installation	Is the scope of travel to analyzer locations under the vendor?		Any travel to industry for the purpose of this assignment is within the scope of the vendor
14	Others		PTZ camera	Is the integration of PTZ camera in scope of the project or out of scope?		Yes, all cameras installed for the purpose of pollution control, is included in the scope. Please

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						refer corrigendum
15	3. Eligibility Criteria, 3.1 Pre-Qualification	10	<p>Past Experience: The Bidder must have a proven track record of successfully implementing at least one of the following for Supply, Commission &amp; Maintenance of Web Based Solution for Real Time Data Acquisition and Handling System:</p> <p>1. At least one of the project should be an integrated turnkey IT- projects of a value not less than Rs. 6 Crores OR.</p> <p>2. At least two (2) projects should be an integrated turnkey IT- projects of a value not less than Rs. 4 Crores each OR</p> <p>3. At least three (3) projects should be an integrated turnkey IT- projects of a value not less than Rs. 3 Crores each For International/National/State/UT Government Depts./ PSUs in last five years.</p>	<p>Please clarify the following:</p> <p>1. Project implemented for any international client and implemented outside Indian geography will be considered.</p> <p>2. Experience of consortium partner to establish this criteria will be considered.</p> <p>3. Kindly clarify that "Supply, Commission &amp; Maintenance of Web Based Solution for Real Time Data Acquisition and Handling System Project" implemented for any sector / domain will be considered.</p>		<p>1. Yes, provided it has been implemented for similar large organisation and geographical area 2. Yes 3. Yes</p>

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16	3. Eligibility Criteria, 3.1 Pre-Qualification	10	<p>Past Experience: The Bidder must have a proven track record of successfully implementing at least one of the following for Supply, Commission &amp; Maintenance of Web Based Solution for Real Time Data Acquisition and Handling System:1. At least one of the project should be an integrated turnkey IT- projects of a value not less than Rs. 6 CroresOR.2. At least two (2) projects should be an integrated turnkey IT- projects of a value not less than Rs. 4 Crores eachOR3. At least three (3) projects should be an integrated turnkey IT- projects of a value not less than Rs. 3 Crores eachFor International/National/State/UT Government Depts./ PSUs in last five years.</p>	<p>We request you to amend this as:Past Experience: The Bidder must have a proven track record of successfully implementing at least one of the following for Supply, Commission &amp; Maintenance of Web Based Solution for Real Time Data Acquisition and Handling System:1. At least one of the project should be an integrated turnkey IT- projects of a <b>value not less than Rs. 3 Crores</b>OR.2. At least two (2) projects should be an integrated turnkey IT- projects of a <b>value not less than Rs. 2 Crores each</b>OR3. At least three (3) projects should be an integrated turnkey IT- projects of a <b>value not less than Rs. 1 Crores each</b>This will allow more participation.</p>		As per RFP

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17	3. Eligibility Criteria, 3.2 Technical Evaluation Criteria	13	The Prime bidder or Consortium partner whose solution is proposed in the proposal should possess certifications on CMMi-3 (or above), evidence to be submitted in the form of certificate copy submitted CMMi- Level 3 Certification – 5 Mark	Maximum marks to be given to CMMi Level 3 Certified organization. Kindly amend this as: <b>CMMi- Level 3 Certification - 10 Marks</b>		as per RFP
18	3. Eligibility Criteria, 3.2 Technical Evaluation Criteria	17	Similar Project Experience of Web Based Solution for Environment Monitoring, Real Time Data Acquisition and Handling System for International/National/State/UT Government Depts./ PSUs. 1 Project – 5 Marks 2 Project – 10 Marks	Kindly clarify that experience of consortium partner to establish this criteria will be considered.  Please clarify that project implemented for any international client and implemented outside Indian geography will be considered.		Yes.  Yes, provided it has been implemented for similar large organization and geographical area
19	4.26.2 Payment Milestones and Timeline	34	4.26.2 Payment Milestones and Timeline	We request you to amend the payment terms as 1. Capital Expenditure to be reimbursed on signing of the agreement or mobilization advance of 20- 30% of total project to be given for deployment of project on signing of the agreement 2. Operational expenditure to be reimbursed on milestones based		as per RFP



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20	TECHNICAL SPECIFICATION AND COMPLIANCE SHEET	55	Hardware Items	We request you to provide the item wise quantity (Bill of Quantity) of each hardware item to be procured by the successful bidder. This will bring the uniformity among the bidders.		Bill of quantity for hardware will depend on the solution proposed; hence it will vary from bidder to bidder.
21	ANNEXURE-III Price Schedule	59	Item 3	Does this include the hardware and software that is to be supplied at the 34 location/industries mentioned? Is the installation and commissioning of the hardware /client software is to be carried out by the bidder at these 34 locations?		Yes, installation and commissioning of the hardware /client software that would be part of this project and procured by the bidder is to be carried out by the bidder at these 34 locations
22	ANNEXURE-III Price Schedule	60	Item 4	Does the O&M include the hardware supplied as per item 3 as well? Please confirm		Yes

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23	ANNEXURE-III Price Schedule	60	Point 8  Other than.....	This clause has a potential to make the bidding non-uniform. We are assuming that Item 1 to 4 are sufficient for the successful project execution. This clause should be removed		As per RFP
24	Annexure IV	61, 62	Resources # 1 to 7	Are all the resources asked from #1 to #7 required for the full duration of 3 years? In our opinion, once the development is complete, the resources # 1 to 4 and 7 are not required for the O & M phase. Please confirm our understanding against this.		Bidder to propose manning schedule
25	6. Penalty	52	Clause iii, Sub clause A)	On what basis will the 99.5% efficiency and uptime be calculated?		Number of minutes in a day as typical data generation frequency is per minute by the analysers
26	6. Penalty	52	Clause iii, Sub clause B)	Does this include the equipment/hardware deployed at the 34 locations mentioned in Annexure XIV as well?		It includes only the hardware/ software deployed by the vendor

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27	3.1	10	The Bidder should have a minimum turnover of Rs. 40.00 crores from IT based project with Software Application Development and Maintenance, Real Time Data Analysis Tools, average during the last three financial years i.e., 2013-14, 2014-15 and 2015-16.	Request you to kindly consider the 40.00 crores in any IT based project with software application development and maintenance and not to make it specific to Real time data analysis tool		Please refer corrigendum.
28	4.26.1	34	Payment Milestone and Timeline	We request you to kindly initiate the part payment of the project within 120 days instead of the mentioned 150 days subject to the software and hardware delivery conditions		As per RFP
29	5.2.3	46	Central server software requirements (Regulator Side Software)	Is it possible to host the entire software on a premium cloud hosting provider like Micorsoft Azure	Microsoft Azure is approved by ministry of Electronics and Information Technology for providing cloud services to government enterprise. Request you to authorize only approved cloud providers.	Bidder to propose and justify choice

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30	Annexure 1		Hardware components	Can this be hosted on secure cloud as per our earlier query for section 5.2.3		Bidder to propose and justify choice
31	Annexure 1		Internet Connectivity	Is the leased line for the data center in bidder's or CECB scope?		CECB Scope
32	2(a)	10	The Bidder should have a minimum turnover of Rs. 40.00 crores from IT based project with Software Application Development and Maintenance, Real Time Data Analysis Tools, average during the last three financial years i.e., 2013-14, 2014-15 and 2015-16.	Request for relaxation on real time data analysis tools should removed or evaluate only for software application development and maintenance		Please refer corrigendum.
33	2(b)	10	Bidder should have positive net profit after tax during each of the last three financial years namely 2013-2014, 2014-2015 and 2015-16	This clause should be removed.		As per RFP
34	3.1 Pre-Qualification	10	The Bidder should have a minimum turnover of Rs. 40.00 crores from IT based project with Software Application Development and Maintenance, Real Time Data Analysis Tools, average during the last three financial years i.e., 2013-14, 2014-15 and 2015-16.	Request to amend the clause as : The bidder should have a minimum turnover of Rs 40.00 Crores from IT/ITeS average during the last three financial years i.e. 2013-14, 2014-15, and 2015-16		Please refer corrigendum.

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35	3.2 Technical Evaluations Criteria	11	The Prime bidder or Consortium Partner whose solution (application software) is proposed must have been assessed and certified for CMMi Level 3 or above. The certificate should be valid for at least a period of one year from the date of submission of the bid.	Request to amend the clause as : CMMi - Level 3 Certification - 5 marks CMMi - Level 3 & ISO 27001 certification - 7 marks CMMi - Level 3 & ISO 27001 certification & ISO 20000 certification - 10 marks		As per RFP
36	4.26.2 Payment Milestones and Timeline	34	Payment Milestones and Timeline	Request to kindly issue User acceptance and training payment within 120 days accordingly delivery time lines can be reduced to 90 days for 50% locations, 120 days for 75% and 120 days for 100% location		As per RFP
37	4.26.2		No mobilization amount is mentioned in the payment terms of the RFP	We would request to incorporate 5% as mobilization advance as the S.I. will be submitting a PBG of 10% of the project value.		As per RFP.
38	4.26.2 (Point 1)	34	Submission of system requirement specification 5%	We would request for the percentage payment to be escalated to 10%		As per RFP
39	4.26.2 (Point 5)	34	Supply and installation of necessary equipment's and Software at 75% locations and generation of report. 15%	We would request for the percentage payment to be consider to 10%		as per RFP
40	4.26.2 (Point 6)	34	Supply and installation of necessary equipment's and Software at 100 % locations and generation of report. 15%	We would request for the percentage payment to be consider to 10%		as per RFP

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41	5.2.1 (point 1)	46	can accept real time data from any installed analysers (make or model)(may be customized in accordance with analysers already installed) in the industry	Need to get the models of the analyzers for data collection.		Yes, it is available and will be provided.
42	5.2.1 (point 3)	47	2000 analyzers	What will be the data volume and will the frequency of collecting the data confined to 10 secs		Bidder to estimate
43	5.2.1 (point 12)	44	Source Code	Need to be handover to client?		Yes
44	5.2.1 (point 13)	44	Encryption Key	Require encryption type		Bidder to propose and justify choice
45	5.2.3(point viii)	51	Asking for rep configured templates for email & SMS	Need the volume of SMS and responsibility of Email Server		Volume - Bidder to calculate based on the SOP provided.  Email Server responsibility - Vendor
46	3.2 Eligibility Criteria (Turnover)	13	The Prime Bidder, a single legal entity registered in India, and must have an minimum average annual turnover of not less than Rs. 40 Crore (Forty Crore) in IT/ ITeS Services for the last three financial years (2013-14,2014-15, 2015-16).	Not less than 10 crores in IT/ITeS services for last three financial years		As per RFP.

**Corrigendum – Tendor No – 42/CEO/CHiPS/CECB/2017**

S.No	Section No	Page No	RFP Clause	Please read as below
1	3.1	10	Legal Entity: The Prime bidder (In case of Consortium not more than 1) should be a company registered in India under companies Act 1956, registered with the Service Tax Authorities and operating for the last Five years in IT/ITeS Services as of 31st March 2017.	Legal Entity: The Prime bidder (In case of Consortium not more than 1) should be a company registered in India under companies Act 1956 or partnership firm registered under companies Act 1932 or Indian LLP act 2008, registered with the Service Tax Authorities and operating for the last Five years in IT/ITeS Services as of 31st March 2017.
2	3.1	10	a. The Bidder should have a minimum turnover of Rs. 40.00 crores from IT based project with Software Application Development and Maintenance, Real Time Data Analysis Tools, average during the last three financial years i.e., 2013-14, 2014-15 and 2015-16.	The Prime Bidder, a single legal entity registered in India, and must have an minimum average annual turnover of not less than Rs. 40 Crore (Forty Crore) in IT/ ITeS Services for the last three financial years (2013-14,2014-15, 2015-16).
3	5.2.1(3)	43	Provide a highly scalable system that can connect more than 2000 analysers simultaneously in real time with a non-proprietary backend database suitable for storing Time-Series Data.	Provide a highly scalable system that can connect more than 2000 analysers simultaneously in real time with a non-proprietary backend database suitable for storing Time-Series Data. In addition to the analysers, the system should be capable of live streaming of feeds from all IP-PTZ cameras installed in the industry for the purpose of pollution control. Users should have the option of viewing analyser data from a particular environmental monitoring system (e.g. AAQMS/CEMS/EQMS) along with the live footage from such cameras, if installed.

S.No	Section No	Page No	RFP Clause	Please read as below
4	5.2.3(xvi)	47	The Central Server Module should support data export in ISO -7168/RS232/RS 486/xml/text format.	The Central Server Module should support data export in RS232/RS 486/xml/text format. The communication protocol for this system should be as per ISO - 7168.
5	Annexure X (2)	77	This Guarantee shall remain in full force and effect for a period of 120 (One hundred and Twenty) days from the _____ (Proposal Due Date).	This Guarantee shall remain in full force and effect for a period of 180 (One hundred and Eighty) days from the _____ (Proposal Due Date).