

**REQUEST FOR PROPOSALS (RFP)
MARKET MANAGEMENT SYSTEM (MMS) IMPLEMENTATION
FOR INDEPENDENT SYSTEM AND MARKET OPERATOR (ISMO)**

PRE-BID CONFERENCE DATED: 21-06-2021

All prospective bidders,

The purpose of this document is to provide the answers to questions submitted by prospective bidders.

The questions submitted by M/s Premier Systems (Pvt) Ltd are hereby answered as follows.

S. No	Question	Answer
1	Please elaborate on the charges that will be raised. Will these be flat amounts, or is there any specific calculation method?	The charges may be flat rate amounts or contains the formulas for calculations. You may find reference CPPA-G tariff determination on NEPRA Website.
2	All modules (where relevant) shall be capable to automatically publish data on /the Market Operator website. It is assumed that the requirement asks for capability of publishing data to external websites when such websites invoke the APIs offered by the Oracle standard product, and that actual implementation of this requirement is not in current scope. Please confirm.	As described in the RFP the publishing of data of all required dissemination points are part of scope of work. However, the same may be executed using the APIs / Services etc.
3	Please elaborate on this requirement as to what are the legal and regulatory framework requirements to be met	The system should be such configurable and flexible that it can configure/ update the existing and future legal and regulatory framework requirements. Further, the system shall be configured in a manner that complies the requirements of the market design and the regulatory framework.

4	Since the details around this requirement are not known, it cannot be assessed at this stage if the system can offer configurable functionality. We propose to keep this requirement out of scope presently and to treat it through a separate scoping process when the details are known.	This requirement is essential part of the scope and the purpose is that the formulas and flows shall be flexible to adopt to new changes in the market design and the regulatory framework
5	In RFP payment milestone its mentioned to deliver the source code, since RFP demands off-the-shelf solution so please elaborate this point.	The successful bidder must submit complete source code of the solution as part of deliverables of Build & UAT Acceptance Testing and Transition to Production and Go Live.
6	One time license payment is not shown in payment milestone phase, since 1 Year performance guarantee require after contract signing so license payment delivery and its payment needs to add in milestone table.	The licenses payment will be made in 100% on submission of licenses and invoice.
7	What is the desired RTO and RPO desired for the system in order to understand what type of Disaster Recovery architecture we need to propose?	Keeping in view the importance, sensitivity and business continuity requirements of ISMO business as described in the RFP, the bidders are expected to propose the desirable RTO, RPO and DR architecture accordingly.
8	Performance evaluation period is mentioned 90 days after the Go-Live / cut over date, so 1 Year warranty of post-production will start including performance evaluation period or after the live/ cutoff	1 year warranty period will start after the completion of Transition to Production and Go Live project phase inclusive of Performance Evaluation Period.

The questions submitted by M/s Ora-Tech Systems (Pvt) Ltd are hereby answered as follows.

S. No	Question	Answer
1	Please elaborate on the charges that will be raised. Will these be flat amounts, or is there any specific calculation method?	The charges may be flat rate amounts or contains the formulas for calculations. You may find reference CPPA-G tariff determination on NEPRA Website.

2	<p>"All modules (where relevant) shall be capable to automatically publish data on /the Market Operator website".</p> <p>It is assumed that the requirement asks for capability of publishing data to external websites when such websites invoke the APIs offered by the Oracle standard product, and that actual implementation of this requirement is not in current scope. Please confirm.</p>	<p>As described in the RFP the publishing of data of all required dissemination points are part of scope of work. However, the same may be executed using the APIs / Services etc.</p>
3	<p>Please elaborate on this requirement as to what are the legal and regulatory framework requirements to be met</p>	<p>The system should be such configurable and flexible that it can configure/ update the existing and future legal and regulatory framework requirements. Further, the system shall be configured in a manner that complies the requirements of the market design and the regulatory framework.</p>
4	<p>Since the details around this requirement are not known, it cannot be assessed at this stage if the system can offer configurable functionality. We propose to keep this requirement out of scope presently and to treat it through a separate scoping process when the details are known.</p>	<p>This requirement is essential part of the scope and the purpose is that the formulas and flows shall be flexible to adopt to new changes in the market design and the regulatory framework</p>

The questions submitted by M/s Infotech (Pvt) Ltd. are hereby answered as follows.

S. No	Question	Answer
1	<p>NTDC will be performing the role of metering service provider and as such will be responsible to transfer this data to Market Operator. There are no more references about the metering system. Is it mandatory to access the metering devices?</p>	<p>It is not required to access the metering devices.</p>

2	How many contracts are registered (volume)? And how many types (PPA, Hedging, etc.)?	The system should be such configurable and flexible that it can configure/ update the existing and future contract without any limitations.
3	Has CPPA an accounting system already?	Yes, but with reference to RFP of MMS the CPPA accounting system has no relationship.
4	CPPA generates only 4 Reports although it is required a Reporting tool so end user can extract the data for analysis as per requirement. At the beginning do they really need a Reporting tool?	The reporting tool is the part of scope of work of RFP.
5	How many metering points we are considering for this project?	The system should be such configurable and flexible that it can configure/ update the existing and future metering points without any limitations.
6	Kindly share the contract draft for the awarded company.	The contract will be drafted after the selection of a successful bidder.
7	Please confirm sworn statements by the OEM will serve as a “Completion Certification and documentary proof of implementation of suggested product as Market Management System at any similar organization in Pakistan or Worldwide CVs of project”	Completion Certification and documentary proof of implementation of suggested product as Market Management System at any similar organization in Pakistan or Worldwide is required/mandatory.
8	Apart from data conversion required for UAT sessions and Production Environment Go Live (based on from Pre-production Environment), is it required any additional data loading into system? If so, could you specify type of information and volumetric?	All the data conversion will be limited to the scope of work as described in the RFP.
9	Prototype of the Solution Do prototype sessions correspond to UAT sessions, or do you require any other sessions to present functionality in advance to users? If so, please detail expected activities / objectives for these sessions and project stage in which they have to be planned.	The prototype of the Solution is a separate project phase from Build & UAT Acceptance Testing. Please see clause 9.4 of RFP for details.
10	Is there a minimum set /priority requirement to fulfill company business expectation and regulatory commitments?	As per the scope of work described in RFP.

11	<p>The MMS Processes description refers in several of the processes to Load forecast, actual dispatching of services, and marginal prices.</p> <p>The RFP documentation does not explicitly include in the scope of the MMS delivery the supply of demand forecast models nor optimal market clearing or dispatching models. Please confirm that those models are not in the scope of the supply (MMS) and confirm which system will be providing this information</p> <p>Please confirm the Process 11 System Operator information requires the integration in the MMS of this confirmation from the previous external models.</p>	<p>The marginal prices calculation is the part of scope of the project, however the load forecast, optimal market clearing and dispatch models are out of scope.</p>
12	<p>Could you please detail what you expect at section Delivery Approach?</p>	<p>The guidelines are given section 9.1 and 9.2, however the bidder may propose a suitable delivery approach for the successful implementation of the project.</p>
13	<p>We have an understanding that if there will be any subcontracting then agreement will not be provided at the time of bidding. Please confirm.</p> <p>How many subcontractors will be allowed?</p>	<p>Subcontracting agreements are not required at the time of bidding. As per RFP.</p>
14	<p>What is meant by certified/pricing data cost and what will be expectation of CPPA against this requirement?</p>	<p>The bidder must certify cost or pricing data as required for this proposal.</p>
15	<p>We have an understanding that the logistics of trainings will be handled by the client, e.g., training lab space, required equipment etc. Please confirm.</p> <p>We believe that training session shall be conducted only at main location in Islamabad. Please confirm</p>	<p>The successful and complete delivery of the solution is the responsibility of the bidder, however the CPPA may provide its premises for training purposes.</p>
16	<p>Please advise no. of trainees for user trainings and technical trainings. We understand that trainings will be limited to the proposed application system?</p>	<p>At the stage the exact number of trainees cannot be provided, however the user and technical trainings are limited to the proposed MMS solution.</p>

17	“Any changes suggested by CPPA-G will need to be incorporated in the above Training material accordingly.” For above mentioned clause, who would bear the cost if any changes suggested by CPPA-G?	As per RFP.
18	We believe that vendor of hardware/other equipment will be responsible for 90 days performance evaluation period not application vendor? Please confirm.	In the light of section# 2.2 (vii) of RFP, the provision of hardware is not the responsibility of the bidder.
19	How can be it possible for the bidder to provide the post warranty (If required) with same rates as for warranty period (1 year)?	As per RFP.
20	Who will bear the cost if there will be any development & implementation other than the scope provided in this RFP? Please elaborate and share the details of expected further enhancement of the system which CPPA meant to be expected against this requirement.	The scope of work is limited to the section# 2 of RFP.
21	We understand that the procurement and installation of 3rd party software (OS, DB, Middleware) required to deploy system will be the responsibility of the CPPA and no price shall be added in the financial proposal. Please confirm.	For third party software please see the section# 2.2 (vi) of the RFP.
22	We understand that required infrastructure (Hardware & Software) to deploy the system shall be made available by the customer and bidder shall only provide the specifications of third party HW & SW required to deploy the system software. No price shall be added in the financial proposal. Please confirm	As above.
23	The standard OEM warranty of the hardware is 3 years, then how can bidder be proposed warranty for ten years? What will be the expected data size for ten years?	In the light of section# 2.2 (vii) of RFP, the provision of hardware is not the responsibility of the bidder.

24	We understand that payment terms will be negotiated at the time of contract signing. Please confirm.	As per Annexure A of RFP.
25	The CPPA-G is providing the following documents as illustrative references (but not limited) to demonstrate the business processes of Market Operator which are required to be implemented:” We have not found any related documents in the RFP for the above-mentioned clause. Please share the details.	CTBCM Detailed Design Report is available at following link: https://nepra.org.pk/licensing/Licences/CTBCM/2020/LAM-01%20Determination%20CTBCM%2012-11-2020.PDF The remaining documents will be provided as per the section# 2 of RFP.
26	Customization Source Code Delivery: No errors and sign off by Manager ERP and/or his/her nominee after code review and testing.” Please explain the above mentioned deliverable, is the handing over of source code part of scope? Normally OEMs do not give source code of their products please advise.	As described above.
27	Can we propose different payment terms?	As described above.
28	Would it be possible to fix the bid security amount rather a %age as finalizing a quoting number requires approvals at multiple levels hence delaying the BB process?	No, the bidder will provide the bid security as described in the RFP.
29	License shall be considered valid from the date of delivery or the date of performance evaluation period approval?	The licenses should be available before the Go Live date.
30	Do we have a count of number of users?	It is anticipated that there will be 15 users which will grow with the passage of time.
31	Can we provide bid bond (2%) in shape of Bank Guarantee?	No.
32	What will be the Payment Terms of One Time License Cost and its yearly renewal?	The licenses payment will be made in 100% on submission of licenses and invoice.

33	Performance Bond amount should be applicable for services part (Implementation) only not for One Time License Cost & its renewal and exclusive of Sales tax. We will provide PG on yearly basis and amount of PG will be reduced after Go-Live for Warranty & Support Period. Please confirm.	As described in the section# 8.10 of the RFP.
34	As per RFP, we must submit Performance Bond after acceptance of Lol, can we provide it after signing of Contract?	As described in the section# 14 of the RFP.

ALL OTHER TERMS AND CONDITIONS REMAIN UNCHANGED AND IN FULL FORCE AND EFFECT

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