

Ref. No.: CC-CS/TWT/Clar-10

Date: 08.09.2022

<< TO ALL THE BIDDERS THROUGH PORTAL >>

Sub: Package for procurement of Smart Meters including associated Communication Infrastructure, Head End System (HES), Meter Data Management system (MDM) for implementation of Advanced Metering Infrastructure Project(s) in Central & Western India; Specification No.: RTN1001566/OTHERS/DOM/A02; GeM Bid Number: GEM/2022/B/2006757 dated 08.03.2022

...Reg. Clarification No 10 to the Bidding Documents

Dear Sir(s),

- 1.0 This has reference to the bidding documents for the subject package uploaded on Government e-Marketplace (GeM) Portal [GeM Bid No. GEM/2022/B/2006757 dated 08.03.2022] and subsequently issued Corrigendum/Amendments/Clarifications.
- 2.0 **Clarification No. 10** to the bidding documents enclosed herewith are uploaded on the GeM Portal.
- 3.0 Save and Except for the changes brought-out in the above-mentioned clarifications, all other terms and conditions of the original bidding documents shall remain unaltered.

Thanking you,

For and On behalf of
Power Grid Corporation of India Limited

9/8/2022

X Aakash Khandelwal

Aakash Khandelwal
Manager (CS)
Signed by: AAKASH KHANDELWAL

Encl: As above

Clarification No.-10 (Commercial Part) dated 08/09/2022 to the Bidding Documents for Package for procurement of Smart Meters including associated Communication Infrastructure, Head End System (HES), Meter Data Management system (MDM) for implementation of Advanced Metering Infrastructure Project(s) in Central & Western India; Specification No.: RTN1001566/OTHERS/DOM/A02; GeM Bid Number: GEM/2022/B/2006757 dated 08.03.2022

S. No.	Clause No. /Doc. Ref.	Description of Clause	Bidder's Query/Comments	POWERGRID'S Reply/Clarification
1.	IFB Clause 8.1, Vol.-I of the Bidding Documents Bid Security for the subject package - Rs. 5,00,00,000/-	EMD requirement: The RFP prescribes submission of EMD of Rs. 5Crores. Since xxx being a Central Public Sector Undertaking, many Central / State Government Departments have exempted us from payment of EMD. Therefore, we request you to kindly exempt us from submission of EMD.	The provisions of the Bidding Documents shall remain unchanged.
2.	ITB/BDS Clause 5.4 & 5.5, Section-III, Vol.-I of the Bidding Documents	Stands Deleted	Applicable Tender cost for subject tender as nothing is mentioned anywhere in the tender documents and it is showing "0" on Power Grid portal.	The provisions of the Bidding Documents are amply clear in this regard.
3.	General	-	Tender documents pages itself are more than 4000 Nos. pages, pl. confirm need not to submit with the bid documents.	Bidders are not required to submit complete bidding documents along with their bid for the subject.
4.	General	-	Please confirm number of copies of bid documents to be submitted in hard copies.	The provisions of the Bidding Documents are amply clear in this regard.

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S. No.	Clause Ref.	Provisions of Existing Bidding Documents	Bidder's Query/ Comments	POWERGRID's Reply/ Clarification
1.	-	-	Is our understanding correct that 2gbps internet connectivity is to be provided at 4 NOMCs and it needs to be MPLS or ILL?	Each NOMC requires 2gbps internet connectivity.
2.	-	-	Does the bidder need to provide MPLS or ILL at all the 40 ROs of 1gbps?	Yes, in line with the bidding document requirement.
3.	-	-	Any specific MPLS bandwidth requirement for DC & DR?	Suitable bandwidth requirement to be maintained in order to meet DC-DR operations and RTO- RPO requirements.
4.	-	-	We have one DC and one DR for all the 4 lots?	Bidder has to provide cloud services for its allocated lot.
5.	Volume-II, Section-5, Clause 2	(A) Qualifying Requirement for HES Solution Provider (i) Should have experience of successfully integrating proposed solution with at least two (2) different MDMS/other utility IT Solution in Indian / Global Utility(ies)	The Clause may be modified in accordance with the latest Standard Bid Document v4.0 Dated 20.08.2022 i.e. 'The HES solution should have been successfully integrated with at least 2 (two) different MDMS/ other utility IT Solution in Indian/ Global Utility(ies) (power/ water/natural gas/ telecom) in last 7 (seven) years' to allow greater number of competent HES Solution Providers to participate in PGCIL's prestigious tender.	In this regard, provisions of the bidding document shall prevail.

Clarification No.-10 dated 08/09/2022 to the Bidding Documents for Package for procurement of Smart Meters including associated Communication Infrastructure, Head End System (HES), Meter Data Management system (MDM) for implementation of Advanced Metering Infrastructure Project(s) in Central & Western India; Specification No.: RTN1001566/OTHERS/DOM/A02; GeM Bid Number: GEM/2022/B/2006757 dated 08.03.2022

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		<p>(power/water/natural gas/telecom) in last seven (7) years which are in operation for at least 1 (one) year as on the re-scheduled date of 'Bid Opening'.</p> <p>(ii) Certificate issued by Client shall be furnished as documentary evidence in support of qualifying requirement stipulated above.</p>		
6.	Volume-II, Section-5, Clause 2	<p>(A) Qualifying Requirement for HES Solution Provider</p> <p>(i) Should have experience of successfully integrating proposed solution with at least two (2) different MDMS/other utility IT Solution in Indian / Global Utility(ies) (power/water/natural gas/telecom) in last seven (7) years which are in operation for at least 1 (one) year as on the re-scheduled date of 'Bid</p>	<p>The Clause may be modified in accordance with the latest Standard Bid Document v4.0 Dated 20.08.2022</p> <p><u>Head End System (HES) solution provider – Technical Requirements</u></p> <p>'The HES solution should have been successfully integrated with at least 2 (two) different MDMS/ other utility IT Solution in Indian/ Global Utility(ies) (power/ water/natural gas/ telecom) in last 7 (seven) years.</p> <p><u>Supporting Documents:</u> Certificate / report issued by Client / MDMS OEM / MDMS solution provider. In case the HES solution provider, has integrated with their own MDMS, then a self-certification shall be provided.</p>	In this regard, provisions of the bidding document shall prevail.

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		Opening'. (ii) Certificate issued by Client shall be furnished as documentary evidence in support of qualifying requirement stipulated above.		
7.	Volume II, Technical Specifications, Section 3, Clause 1.4 Communication Module	In case of GPRS meters communication shall happen primarily on 4G; In case of contingency communication module/SIM card shall be able to communicate over any other frequency band or any other Technology	We presumed that NB-IoT is also applicable along with other Technology, please clarify.	Existing provision of the bidding document is amply clear. Volume II, Technical Specifications, Section 3, Clause 1.4 Communication Module (Amendment no.-12) may be referred.
8.	Volume-II, Section-5, Clause 2	(A) Qualifying Requirement for HES Solution Provider (i) Should have experience of successfully integrating proposed solution with at least two (2) different MDMS/other utility IT Solution in Indian / Global Utility(ies) (power/water/natural gas/telecom) in last seven	The Clause may be modified in accordance with the latest Standard Bid Document v4.0 Dated 20.08.2022 i.e. 'The HES solution should have been successfully integrated with at least 2 (two) different MDMS/ other utility IT Solution in Indian/ Global Utility(ies) (power/ water/natural gas/ telecom) in last 7 (seven) years'	In this regard, provisions of the bidding document shall prevail.

Clarification No.-10 dated 08/09/2022 to the Bidding Documents for Package for procurement of Smart Meters including associated Communication Infrastructure, Head End System (HES), Meter Data Management system (MDM) for implementation of Advanced Metering Infrastructure Project(s) in Central & Western India; Specification No.: RTN1001566/OTHERS/DOM/A02; GeM Bid Number: GEM/2022/B/2006757 dated 08.03.2022

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		<p>(7) years which are in operation for at least 1 (one) year as on the re-scheduled date of 'Bid Opening'.</p> <p>(ii) Certificate issued by Client shall be furnished as documentary evidence in support of qualifying requirement stipulated above.</p>		
9.	ITB/BDS Clause 24.1(i), Section-III, Vol.-I of the Bidding Documents	<p>....</p> <p>In first envelope of their bid, the bidder is required to submit 'Certificate(s) for Empanelment' issued on them against the above RFE issued by M/s. REC Limited for both (i) RF and (ii) Cellular Communication Technology. In case bidder has not already been issued the said Certificate(s) for Empanelment, then bidder is required to submit undertaking in first envelope of their bid declaring that they have</p>	<p>We have already applied for empanelment under RDSS and our application is under consideration. However, we are not yet called for demonstration by REC as the applications are being considered as per queue. We are expecting it to be completed by September end. Hence, we request you to please waive off the empanelment under RDSS as a pre-qualification requirement rather make it as a pre supply requirement.</p>	<p>Existing provision of the bidding document is amply clear. ITB/BDS Clause 24.1(i), Section-III, Vol.-I of the Bidding Documents (Amendment no.-11) may be referred.</p>

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		<p>submitted their application for Empanelment in the above RFE issued by M/s. REC Limited for both (i) RF and (ii) Cellular Communication Technology and that their Empanelment is under process.</p> <p>Preliminary responsive bidders who have not already submitted 'Certificate(s) for Empanelment' shall be asked to submit the said 'Certificate(s) for Empanelment' for both (i) RF and (ii) Cellular Communication Technology issued in their name within stipulated period, before opening of Second Envelope Bids i.e. Price Bids for the subject package.</p> <p>.....</p>		

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10.	Volume II, Technical Specifications, Section 5	-	Since the OEMs of the Head End System Provider have global credentials, allowing use of the credentials of the principal / OEM of HES provider may kindly be allowed.	In this regard, provisions of the bidding document shall prevail.
11.	Volume II, Technical Specifications, Section 7, Clause 1.2 (f) Licenses	All application-level licenses shall be valid perpetually and ownership of such licenses shall be with POWERGRID during the contract period. In case of deployment of the lot in multiple utilities, contractor shall provide Utility Specific licenses. At the end of the contract/termination such licenses shall be handed over to utility(ies).	<p>The given clause refrains our capability to offer the cloud services for the Applications as Cloud Service that SaaS (Software as Service model) as all platform licenses other than Application such as Virtualization, Database, Middleware, SOA for integration on cloud are not required perpetual, we will be restrained to offer cloud services as PaaS (limited to Platform as Service on model on cloud). As we could offer superior services on cloud as SaaS, you may please allow application as well on cloud subscription.</p> <p>The current model will restrain us offering yesteryear's perpetual apps those were designed for on premise data centers). The perpetual hosted applications at the term end or termination won't be of any use unless platform subscription (PaaS) is continued on cloud and hence both application and platform shall be allowed as cloud services as subscription to keep consistency in offering.</p> <p>This will also help us to work with bidders to bring down the per meter year cost substantially as we can do away with Part C Schedule 1 of Attachment 28 that is costs of license supply. All the costs can be quoted as cloud services as Part C of Schedule 3 in the given attachment on per meter year.</p> <p>We had similar issued in the NFMS MDM RFP invited by REC wherein upon understanding the benefits of cloud services subscription of application as in Amendment 3, a snip of that is attached</p>	In this regard, provisions of the bidding document shall prevail.

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			<table border="1" data-bbox="789 448 1625 548"> <thead> <tr> <th data-bbox="789 448 835 477">S#</th> <th data-bbox="835 448 1056 477">RFP Clause</th> <th data-bbox="1056 448 1325 477">Existing Clause</th> <th data-bbox="1325 448 1625 477">Amended Clause</th> </tr> </thead> <tbody> <tr> <td data-bbox="789 477 835 548">6.</td> <td data-bbox="835 477 1056 548">Amendment 1 - Form 7: Format for Manufacturer's Authorization Form</td> <td data-bbox="1056 477 1325 548">..... The software licenses shall be perpetual in nature and.....</td> <td data-bbox="1325 477 1625 548">..... The software licenses shall be perpetual/Subscription <to be selected by the OEM provider as the case may be> basis in nature and.....</td> </tr> </tbody> </table> <p data-bbox="768 602 1654 664">In view of this we request you to consider allowing subscription of software application to be offered on cloud.</p>	S#	RFP Clause	Existing Clause	Amended Clause	6.	Amendment 1 - Form 7: Format for Manufacturer's Authorization Form The software licenses shall be perpetual in nature and..... The software licenses shall be perpetual/Subscription <to be selected by the OEM provider as the case may be> basis in nature and.....	
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