

Sr no.	Page no.	Topic	Tender Point	Vendor- Query/ Request	EESL Response
1	3 and 106	Bid Details and section 4 - Part A: General information	<p>1. Bid Fee/EMD may also be submitted online through RTGS. The detail of RTGS is as mentioned below: Account No.: 2164002100012319 Bank name: Punjab National Bank IFSC CODE: PUNB0216400 MICR Code: 110751001 BRANCH: DELHI NEW</p> <p>2. Bid Fee may also be submitted online through RTGS. The detail of RTGS is as mentioned below: Account No.: 10000001816 Bank Name : IDFC Bank IFSC CODE: IDFB0020101 MICR Code: 110751001 BRANCH: Barakhamba Road, New Delhi</p>	<p>For Bid fee/ Bidding document cost payment, we have found two different bank details for RTGS payment on page no. 3 and page no. 106 of tender document. Please confirm on which account we should transfer the Bid fee.</p>	<p>Clarification :Remain same as per RfP. Bid Fee/EMD may also be submitted online through RTGS. The detail of RTGS is as mentioned below: Account No.: 2164002100012319 Bank name: Punjab National Bank , IFSC CODE: PUNB0216400 MICR Code: 110751001 BRANCH: DELHI NEW</p>
2	111	PART-B: 1. Name of work	EESL has planned to implement energy management system in 06 government medical colleges and hospitals of Punjab. It is the process of identifying and analysing data.	<p>Please share location address where the required solution is to be implemented. If the solution is going to be installed at multiple locations; please share the address/ details</p>	<p>Clarification : Remain same as per RfP. Government hospital & medical college of Amritsar, Faridkot and Patiala district of Punjab</p>



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PB : p.kumar(Prasanth Kumar)
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3	111	Part-B: 2. Scope of work:	Design, Supply, Installation, Commissioning and configuration of IoT based Energy Management System along with a comprehensive warranty period of 2 years	Please confirm if the total project contract period will be only 2 years and there will be no extra 2 years AMC included in scope after 2 years of comprehensive warranty period.	Clarification :Remain same as per RfP. Only 02 years comprehensive warranty
4	111	Part-B: 2. Scope of work:	Bidder shall also ensure the repair of minor damages, civil work or electric work, if any. No additional cost will be made on this account.	Please explain the scope of Civil work mentioned in this point.	Clarification :Remain same as per RfP. It include repaing of damaged building parts during installation of system
5	112	Part-B: 2. Scope of work:	2.2 Timelines: The project shall be executed within 30 days from the date of issuance of LoA and completed in all respect including design, Supply, Delivery, Installation & Commissioning of IoT based system within the specified	In this post covid situation the raw material timelines are increased. Also the Timelines should be given as "after the site handover." We request EESL to increase	Amended as: Project shall be executed within 45 days from the date of issuance of LOA instead of 30 days.
6	112	Part-B: 3. Technical specification:	Digital Three Phase MultiMeter	- What is the accuracy class needed for the energy meter?	Clarification :Remain same as per RfP. class 1 as per IEC 62053-21
7	112	Part-B: 3. Technical specification:	Digital Three Phase MultiMeter	- Please confirm the scope of CT and PT's. - If CTs and PTs are in bidders scope, Please share the Ratings, VA burdon and dimentions required for CTs and PTs.	Clarification :Remain same as per RfP. CT and PT's are in bidders scope, Accuracy class 0.5, rated primay current 100-5000aA AC, Rated seconaday current 5A/1A, Accuracy 0.5, maximum rated vltage 720V AC, Mounting clip on, operating temp.- (-15 to 50'c) , 5VA; PT primay 100V to 500KV, PT secondary 100V to 500V



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8	112	Part-B: 3. Technical specification:	2. Temperature Sensor : Temperature measuring Sensor: NTC sensor, Accuracy: $\pm 1^{\circ} \text{C}$ ($-50^{\circ} \text{C} \sim 70^{\circ} \text{C}$);	- For Temperature sensor, two different temperature ranges are found. Kindly confirm only one temperature range required.	Clarification :Remain same as per RfP. temperature in between $(-50^{\circ}\text{C}$ to $70^{\circ}\text{C})$
9	112	Part-B: 3. Technical specification:	2. Temperature Sensor :	- Please confirm the output required for these Temperature sensors. RS485 or Analogue 4 to 20mA.	Clarification :Remain same as per RfP. output should be in RS 485
10	113 and 130	Part-B: 3. Technical specification: and Price bid format	3. Raspberry Pi	Raspberry pi is the processor (module) which generally used in Dataloggers/ Data Concentrator units/ RTU's. We assume this component is nothing but the Data Concentrator units/ RTU's with specified Raspberry Pi processor (module). Please confirm the same.	Clarification :Remain same as per RfP. Raspberry Pi/Gateway Rpi is working as a gateway, data logger for data collecting via MODBUS from the device in the field. Publishing of the data to the energy management software, on site and on the cloud
11	113 and 130	Part-B: 3. Technical specification: and Price bid format	3. Raspberry Pi Broadcom BCM2711, Quad core Cortex-A72 (ARM v8) 64-bit SoC @ 1.5GHz, 2GB, 4GB or 8GB LPDDR4-3200 SDRAM (depending on model),2.4 GHz and 5.0 GHz IEEE 802.11ac wireless, Bluetooth 5.0, BLE, Gigabit Ethernet	Please confirm one option for RAM. 2GB or 4GB or 8 GB. Each one option has different cost.	Clarification :Remain same as per RfP. Raspberry Pi model 4 is used and its RAM Size is 4GB



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12	113 and 130	Part-B: 3. Technical specification: and Price bid format	4. USB Converters 92 nos.	Please share the use case of these USB converters. If energy meters or other instruments could directly communicate to Gateways via RS485 then what is the use of separate USB Converters. Please confirm if Gateway has a capability to connect meters with RS485 modbus then there will be no need to supply these USB Converters. In that case what should we do while bid submission.	Clarification :Remain same as per RfP. Consider if required in system otherwise not counted
13	113 and 131	Part-B: 3. Technical specification: and Price bid format	6. RS485 Connector	With reference to the specs given, please confirm if the requirement is for RS485 connector or RS485 Converter. The specs given are confusing. Or else please confirm if we should consider DB9 RS485 connectors for this item.	Clarification :Remain same as per RfP. Consider if required in system otherwise not counted



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14	113 and 130	Part-B: 3. Technical specification: and Price bid format	8. Gateway	With reference to the specs given, please confirm if the requirement is for Data loggers or for Access point or for Network switch with RS485 interface. The specs given are confusing.	Clarification :Remain same as per RfP. Gateway data logger for data collecting via MODBUS from the device in the field. Publishing of the data to the energy management software, on site and on the cloud
15	113 and 131	Part-B: 3. Technical specification: and Price bid format	9. Enclosure Safety case for Raspberry Pi module	As the enclosures are to be used as Raspberry Pi modules. But there is a quantity difference. Required quantity are: Raspberry Pi: 15 nos. Enclosures: 55 nos. Please clarify the quantity difference. Or share the application case for remaining enclosures. Also, please share the dimension required for this enclosure.	Clarification :Remain same as per RfP Enclosure used for gateway and raspberry pi both so the quantity is 55
16	123	PART-C: SPECIAL CONDITIONS OF CONTRACT	6.0 Delivery Schedule and Timelines: The project shall be executed within 30 days from the date of issuance of LoA and completed in all respect including design, Supply, Delivery, Installation & Commissioning of IoT based system within the specified period of 30 days .	In this post covid situation the raw material timelines are increased. Also the Timelines should be given as "after the site handover." We request EESL to increase the completion timelines up to 90 days after site handover.	Amended as, keeping in view the situation stated by the vendor now project shall be executed and completed in all manner within 45 days from the date of issuance of LOA



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17	129	Part-B: 3. Technical specification: and Price bid format	Price bid format_ BOQ list	As per name of work and discription stated on page no. 111, the project / EMS is going to be implemented at 6 locations in Punjab. Please share the separate architecture or sensor list required for each location if possible.	Clarification :Remain same as per RfP Building architecture will be share after LOA
18	131	PRICE BID FORMAT Note: 1	Prices should be as per Scope of Work provided in this Tender document. While quoting the per unit price, the bidder may please take into consideration and include the cost towards the On- Site warranty for 2 years, Comprehensive AMC for 2 years and any other items as applicable to make the EMS (Energy Management System) operational.	Please confirm the contract period duration. Is it only 2 years after commissioning or (2 +2) 4 years?	Clarification :Remain same as per RfP only 02 years comprehensive warranty



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19			<p>Bidder should be in the field of Building automation, PLC SCADA, IOT based Energy Management system for past 3 years on the date of publication of the tender</p>	<p>Bidder should be in the field of IT/ITES/ Building automation/ PLC SCADA/ IOT based Energy Management system for past 3 years on the date of publication of the tender Documentary evidence shall be furnished along with the bid. Documentary evidence should be submitted in the form of copies of relevant work orders/ contract agreement/ purchase order/ MoU's/LoA's/ LoI's/ Invoice(s)/ any other documentary evidences which can substantiate that the bidder is in the field of IT/ITES/ Building automation /PLC SCADA/ IOT based Energy Management system for past 3 years on the date of publication of the tender.</p>	<p>Amended as: In qualifying requirements column no.3 Bidder should be in the field of IT/ITES/ Building automation/ PLC SCADA/ IOT based Energy Management system for past 3 years on the date of publication of the tender, and supported document related to above field.</p>
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