

ODISHA RENEWABLE ENERGY DEVELOPMENT AGENCY (Under Energy Department, Government of Odisha) S-59, Mancheswar Industrial Estate, Bhubaneswar-751010 Ph: 91-674-2588260, Fax: 2586368 Web site: <u>www.oredaorissa.com</u> E-mail: <u>ceoreda@oredaorissa.com</u>

Letter No <u>3934</u> OREDA

Dated 21 /12 / 2023

## Clarification to the consolidated queries/suggestions by participants in the pre-bid meeting

A pre-bid meeting through VC and physical mode was held on 29.11.2023, 12:30 hrs to the e-tender notice no- 3630 dated 21st November 2023, regarding Request for Empanelment (RFE) for Design, Supply, Testing, Installation, Commissioning and Maintenance of 10 MT Solar Cold Storage units in various districts of Odisha along with comprehensive maintenance for 5 years.

Considering the queries/suggestions received from the Bidders in the Pre-Bid Meeting, a consolidated clarification is hereby provided as per annexure-1.

All the prospective bidders are also advised to kindly keep referring <u>www.tenderwizard.com/OREDA</u> and <u>www.oredaorissa.com</u> website for any updation before submission of their bids.

All other terms and conditions of the original tender document shall be remain same.

Yours faithfully,

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Chief Executive



ODISHA RENEWABLE ENERGY DEVELOPMENT AGENCY (Under Energy Department, Government of Odisha) S-59, Mancheswar Industrial Estate, Bhubaneswar-751010 Ph: 91-674-2588260, Fax: 2586368 Web site: <u>www.oredaorissa.com</u> E-mail: <u>ceoreda@oredaorissa.com</u>

Letter No: 3935 /OREDA

Dated 21/12/2023

## Notice for time extension

Extension of date of bid submission to the e-tender notice no- 3630 dated 21<sup>st</sup> November 2023, regarding Request for Empanelment (RFE) for Design, Supply, Testing, Installation, Commissioning and Maintenance of 10 MT Solar Cold Storage units in various districts of Odisha along with comprehensive maintenance for 5 years.

It is for information of all concerned that, the due time for submission of online copies of the Technical Bid has been further extended up to 27.12.2023, Time 5:30 PM. Also, due date and time for submission of hardcopies of the technical bid has been further extended up to 29.12.2023, Time 5:30 PM. The Technical bid shall be opened on 30.12.2023, Time 4:00 PM.

All the prospective bidders are advised to kindly keep referring <u>www.tenderwizard.com/OREDA</u> and <u>www.oredaorissa.com</u> website for further updation.

Yours faithfully,

Chief Executive

Cummulative Clarification issued to the queries raised in the pre-bid meeting held on dated 29.11.2023 for the e-tender notice no-3630, dated 21.12.2023
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7.1	4.4.1	4 	Clause No
47	32	<u>3</u>	Page No
SI No. 21 in the Checklist table: Audited Balance Sheet in exclusively solar business for 2016-17 to 2018-19	The bidders must have minimum cumulative turnover of INR 5 Cr./- over last 3 financial years (FY 20-23) exclusively in this business. It is important to note that the annual turnover for each financial year shall be the income/ earning/ revenue from the solar cold storage business only; and other income (if any) shall not be considered for evaluation.	The bidder should have cumulative experience of executing contracts of supply of at least 10 nos. of Solar Cold Storage System of any capacity to any Central Govt/ Any State Govt/ PSUs/ Govt Agency/ Bodies, Registered Cooperative or Society in the last 5 years from the date of issue of this tender.	Clause
Request to accept balance sheet of the entire business of the bidder company and not specific to solar business	Request to allow turnover of the entire business of the bidder company and not specific to solar cold store business specific to solar cold store business	Request to allow cumulative experience of Bidder or OEM for 10 nos. of Solar Cold Storage in the last 5 years	Clarification sought
,			Clarification issued
Audited Balance Sheet of <b>last three financial years</b> (FY2020-21, FY 2021-22, FY 2022-23) is accepted	The bidders must have average annual turnover of INR 7.5 Cr./- over last 3 financial years (FY2020-21, FY 2021- 22, FY 2022-23). "Other income" shall not be considered for arriving at annual turnover.	<ol> <li>The bidder should have cumulative experience of supply and installation of at least 10 nos. of Solar Cold Storage System of any capacity, out of which at least 4 nos. should be supplied and installed at any Central Govt/ Any State Govt/ PSUs/ Govt Agency/ Bodies, Registered Cooperative or Society/ Multilateral agency in the last 5 years from the date of issue of this tender.</li> <li>The proof of reference plants of a cumulative minimum capacity of 40 MT, out of which at least 20 MT needs to be from any Govt./PSU/ Govt. Agency/ PSUs/Bodies, Registered Cooperative or Society/ Multi lateral agency, must have been in successful operation for at least one-year from the date of commissioning prior to the techno-commercial bid opening date.</li> </ol>	Ammendment issued

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4.1.1	4.4.1	7.6	7.6	7.6	Clause No
29	32	90			Page No
Can a consortium or joint venture of two entities be eligible for this?	Can this be revised to 4 Cr cumulative over last 3 years?	What is the rationale behind three different configurations? Should we quote for all 3 or just one of the 3 configurations in the bid?	Compressor and Thermal Battery capacity seems to be high for the mentioned system sizing. Can all the design parameters be clearly mentioned so that we can design system as per the actual need	For the grid power supply grid connected, would 3-phase or 1phase supply be available at the site? Also, is net-metering feature required?	Clause
	Many of the technology companies dedicated to this product have only started operations in last 5 years and there was significant impact of COVID pandemic on business 2020 onwards.	Clarity on this would help design standard solution.	Optimal design for the actual usage and requirement will help optimize cost of the system	The inverter and power system design depends on the grid availability and requirement for net metering.	<b>Clarification sought</b>
Consortiums or JVs are not allowed	d Please refer SI. No 2 of this document	Three configurations are asked for different applications and various end users requirements. The bidder can quote for any number of configurations (any one or all) as per its choice. The distribution of different configuration will be at OREDA's discretion.	Tender condition remain unchanged		Clarification issued
				New clause: (Last row in the component table) The cold storage should be capable of running on 415V three phase grid power, as available at site, for all configurations. In the absence of grid power bidder as to submit a proposal to OREDA for the grid connection. OREDA will provide the consent on basis of discussion with the beneficiary.	Ammendment issued

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4.3.	3.4.1	7.3.2	7.3.2	4 22 22	Clause No
31	28	78	78	3	Page No
The Bidder shall submit the letter of awards/ work orders/ contract agreement along with the Acceptance Certificate issued by the Government-	Commissioning: T2 = TI + sixty (60) days/ ninety (90) days/ one hundred twenty (120) days as per work order	Label E	Label D: unit cost of capacity building	There are no set tests/test certification modules by MNRE/NABL. Can this clause + ISO clause be set off against provision of proven track record of system operations and work with reputed government and multilateral organizations.	Clause
The installation experience of OEM is also requested to be considered.	Please specify the installation period as it is mentioned to 60 or 90 or 120 days	Details of Label E is missing	Details of capacity building is missing	In absence of standards for solar cold storages in terms of system specifications and performance, it would be ideal and fair to assess the technologies and products on performance of installed base.	Clarification sought
Didder can use the authorization of OEM, however the bidder can not change the OEM later at the stage.		Please refere amended Bid Form 19 (Price bid)	Please refere amended Bid Form 19 (Price bid)	The products offered by the bidder should confirm to the technical solar cold storage unit must a valid test certificate from OEM which must have been certified and verified by any of the MNRE/NABL accredited laboratory OR any Third Party Inspection Agency (TPIA) from the system-certification/ ) to be submitted along with the bid. The test certificate could be in the name of the OEM or the bidder. However during the validity of the tender, any gudielines issued by Govt/ MNRE/ BIS for technical standards/ testing procedure/ test certificates etc. related to Solar Cold Storage, the same must be adhered by the bidder and submit to OREDA for future work order under this tender/ rate contract.	Clarification issued
	Commissioning: T2 = T1 + ninety (90) days				Ammendment issued

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External dimensions (L x W x H): Indicative dimensions of internal volume 1500 CFT( 15' x 10' x 10'). The bidders can propose their own external dimensions which can perform as per required specfications.		' 20' x 8' X8' seems to be extemai dimensions of 5 MT and not 10 MT.	External dimensions (L x W x H): Indicative dimensions of 20' x 8' x 8'.	92	7.6	18
External Body: Prepainted Steel Body with minimum of 0.5 mm thickness (outer body)		Kindly change 2.5 mm thick external body to 0.5 mm thick PPGI 0.5 mm thick PPGI is now more of the standard in the industry. We believe that it was also approved in past solar cold storage tenders of OREDA	External Body: Prepainted Steel Body with minimum of 2.5 mm thickness	92	7.6	17
	Tender condition remain unchanged	It js requested to change the penalty from 1 % to 0.5% per week. The overall 5 weeks is a very short period for the entire project to be terminated. Aso requested to change the provision from entire work order to the left systems in the overall work order.	Once the maximum limit of five (5%) is reached, OREDA may consider terminating the Work Order and forfeit the Performance Security without prejudice to the other remedies of the Work Order	<u>з</u> б	5.5	16
	Payment shall be made after supply, installation and commissioing of all the systems allocated in the work order subejct to submission of all supporting documents and acceptance of all the systems, as per clause no 6.1.1.	Kindly specify if the payment term is per system basis or after supply of all systems. The payment shall be on the basis per system basis as it will reduce the financing burden of the overall project.	On achievement of 100% Supply under the Project on achievement of Acceptance of the Project	45	CCC Clause 5.2.2.1	15
	Please refer SI. No 2 of this document	It is requésted to consider the overall/cumuiative tumover of the company and not exclusively from solar cold storage business.	The bidders must have minimum cumulative tumover of INR 5 Cr./over last 3 financial years (FY 20-23) exclusively in this business. As proof of this, the bidder must submit the tumover certificate certified by Charted Accountant	32	44	14
Ammendment issued	Clarification issued	Clarification sought	Clause	No	No	No ST.

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	time at different tempratures.		Стапре			
	The Solar cold storage must have at least 2 chambers for provision of keeping different type of products	Need more clarity	Appendix to SOW – Solar cold storage Stated that Multi		25	25
	Current FY is ongoing and hence shall not be considered. Please refer Sr. No 2 of this document	"the bidders must have Request to consider current Financial minimum cumulative turnover of Year FY 23-24 up to the date of Bid INR 5 Cr./- over last 3 financial Submission, for Startup MSME years (FY 20-23) exclusively in Manufacturers may disqualify with this this business" condition, Solar Cold	"the bidders must have minimum cumulative turnover o INR 5 Cr./- over last 3 financial years (FY 20-23) exclusively in this business"		Clause No 4.4.1	24
	Tender conditions to prevail	Performance security timeline & percentage should be exempted for Startup MSME companies.			ITB Clause 1.6.3.	23
	Tender conditions to prevail	For Start-up MSME Manufacturers of Solar Cold Room should get Exemption based on Central Vigilance commission guidelines (ref 2).	The Bid Security is INR24,00,000		ITB Clause 1.3.3.2 and ITB Clause 1.3.3.3	22
The target temprature is 4 to 10 degree celcius. 250 MJ and 350 MJ systems should be able to cool 1000 kg and 1500 kg, respectively of agriculture commodities from 30 to 7 deg C primarily on thermal storage system assuming door is opened for maximum 8 times in 24 hours with each opening cycle is less than 30 seconds.		The target temperature of 3 C seems to be a typo error. It should be CC as the temperature range defined under technical specification on page no. 92 of the tender is 4 to 10 C	Cooling Storage Capacity: "Minimum 250 MJ enough to precool 1200 kg of agficulture commodities from 30 to cc."	93	7.6	21
	Please refere point 7 of section 7.6 Appendix to SOW –Solar cold storage.	The battery capacity is not specified	Battery capacity	94	7.6	20
	Please refer Sr. No 4 of this document	The gridpower supply capacity and type are not provided. Kindly specify it.	Grid supply capacity	94	7.6	19
Ammendment issued	<b>Clarification issued</b>	Clarification sought	Clause	Page No	Clause No	No Sr.

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	Tender condition remain unchanged	Request to allow Consortium / JV participation in the tender.			25	30
	Multiple bidders can submit the test certificates/ ISO certificates of single OEM. However, JV/ Consortium/ credential sharings (OEM can not provide same credential to different bidders) are not allowed. The bidder will not be allowed to change the OEM at the later stage.	Pls clarify that multiple bidders participate with Single OEM is acceptable or not??			25	29
	During unavailabilty of solar, the system should run with thermal storage and in the absence of required thermal storage it will operate on grid power	Component Sheet - we are recommending Configuration 3 & Configuration 1 as power source is mandatory for product, even if we increase the configuration but solar remain available 6hrs in a day.			25	28
	These are indicative layouts. Tender conditions remain same		In Product Layout outside structure is not advisable for 10MT cold room as it is not Portable design.		25	27
	Please refer point 1. Cold Storage in section 7.6 Appendix to SOW - Solar Cold Storage. It is mentioned that <i>"Appropriate</i> <i>concrete foundation is to be</i> <i>provided as a base for the cold</i> <i>storage system. The entire cold</i> <i>storage system needs to be grouted</i> <i>in concrete foundation through</i> <i>appropriate fasteners."</i>	Civil work Design not provided in the RFQ, request to specify the Civil Scope.			25	26
Ammendment issued	<b>Clarification issued</b>	Clarification sought	Clause	Page No	Clause No	No ST.
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32	<u>ل</u>	No Sr.
25	25	Clause No
29	23	Page No
The bidder's company/ firm must have established quality assurance systems and organization in line with the requirements under ISO 9001:2015 and ISO 140001:2015.	The solar based cold storage unit must have a valid test certificate in the name of the bidder from MNRE/ NABL accredited test laboratory.	Clause
It is requested to remove this clause. Although we have ISO 9001:2015 and we are in the process to obtain ISO 140001:2015. We are a subsidiary company of the larger Murugappa Group and following the policy on quality and environment.	The products offered by the bidder should confirm to the technical specification given in the tender. The solar cold storage unit must a valid test certificate from OEM which must have been certified and verified by any of the MNRE/NABL accredited laboratory OR any Third Party Inspection Agency (TPIA) from the system-certification/ ) to be submitted along with the bid. The test certificate could be in the name of the OEM or the bidder. However during the validity of the the orthorical standards/ testing procedure/ test certificates etc. related to Solar Cold Storage, the same must be adhered by the bidder	<b>Clarification sought</b>
,	The products offered by the bidder should confirm to the technical specification given in the tender. The solar cold storage unit must a valid test certificate from OEM which must have been certified and verified by any of the MNRE/NABL accredited laboratory OR any Third Party Inspection Agency (TPIA) from the system-certification/ ) to be submitted along with the bid. The test certificate could be in the name of the OEM or the bidder. However during the validity of the tender, any gudielines issued by Govt/ MNRE/ BIS for technical standards/ testing procedure/ test certificates etc. related to Solar Cold Storage, the same must be adhered by the bidder and submit to OREDA for future work order under this tender/ rate contract.	<b>Clarification issued</b>
Clause 4.2.2 Support document: The Bidder shall declare that it will possess the copy of the ISO 9001:2015 and ISO 14001:2015 certificates in the name of the Original Equipment Manufacturer (OEM), supported by a letter of authorization from the OEM.		Ammendment issued

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No Sr.	Clause No	Page No	Clause	Clarification sought	Clarification issued	Ammendment issued
<u>ມ</u>	25	ω 	The bidder should have cumulative experience of Executing contracts of supply of at least 10 nos. of Solar Cold Storage System of any capacity to any Central Govt/ Any State Govt/ PSUS/ Govt Agency/ Bodies, Registered Cooperative or Agency/ Bodies, Registered Cooperative Or Society in the last 5 years from the date of issue of this tender.	Experience of supply to private companies, NGOs, reputed international organizations such as IFC/UNDP, academic institutions is requested to be considered. Supply of at least 5 nos. of solar cold storage requested to be considered.	Please refer Sr. No. 1 of this document	
34	25	36	Once the maximum limit of five (5%) is reached, OREDA may consider terminating the Work Order and forfeit the Performance Security without prejudice to the other remedies of the Work Order	It is requested to change the penalty from 1% to 0.5% per week.	Tender condition remain unchanged	
35	25	92	External Body: Pre-painted Steel Body with minimum of 2.5 mm thickness	2.5 mm PPGI thickness is too heavy. 0.5 mm PPGI is well accepted in the market. It is requested to consider the external body to 0.5 mm thick PPGI.	Please refer seriel no 17	
36	25	92	External dimensions (L x W x H): Indicative dimensions of 20' x 8' x 8'.	The mentioned dimension is for 5MT cold storage. For 10 MT cold storage the dimension is requested to be 30' x 10' x 9'	Please refer Sr. No. 18 of this document	

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	Power Supply: The first priority will be given to solar, 2nd priority will be given to grid and 3rd priority will be given to storage. In case of insufficient thermal storage, power can be drawn from Solar PV as well as grid with auto- switching based on required power availability.	If we tell switch to Grid model if Sunlight will be not available then in night system will operate in grid mode throughout the life. In grid mode, the system draws power from the grid and does not use the thermal storage unit. The system can switch between the modes automatically or manually, depending on the availability of sunlight and the capacity of the thermal storage unit. If there is no sunlight at night or during cloudy days, the system will switch to grid mode automatically. If the thermal storage unit is not sufficient to switch to grid mode automatically. Alternatively, the user can manually operate the grid mode with a manual changeover switch We may ask for if thermal storage is not sufficient & Solar not available then it will switch to Grid mode / Manually operation of grid with manual change over.	Solar PV as well as grid with auto-switching based on power availability Remark: Please specify when to switch the Grid mode (if solar will be not available or thermal storage will be not available)	92	25	4 -
	Tender condition remain unchanged	If we compare the MNRE models all 10MT Cold storage must be with 4TR Compressor then if we are going with 2.7TR Compressor with reducing the solar module capacity then it may face problem			25	40
Ammendment issued	Clarification issued	Clarification sought	Clause	Page No	Clause No	No Sr.

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	It is towards the payment to tender wizard portal for online participation through its portal	The Bid Processing Fee shall be made in favor of "KSEDC Limited" payable at "Bengaluru"	The Bid Processing Fee shall The Bid Probe made in favor of "KSEDC favor of "KSL Limited" payable at "Bengaluru" "Bengaluru"	23	2.1.3	44
	Please refer to clrification issued in seriel no 17	Can we understood minimum 2.5mm thickness Pre painted MS structure to be used for construction of Cold storage or puff panel outer side thickness 2.5mm please clarify	External Body: Pre-painted Steel Body with minimum of 2.5 mm thickness		1. Page: 92 Technica I specifica tions:	43
	Please refere point 7 of section 7.6 Appendix to SOW –Solar cold storage. A minimun of 2 days.	A secondary back up required to operate the evaporator during night time hence battery back up required to operate the same. But in our tender the battery specification not available requesting you kindly provide the capacity to make it uniform for all bidders. A secondary back up required to operate the evaporator during night time hence battery back up required to operate the same. But in our tender the battery specification not available requesting you kindly provide the capacity to make it uniform for all bidders. A secondary back up required to operate the evaporator during night time hence battery back up required to operate the same. But in our tender the battery specification not available requesting you kindly provide the capacity to make it uniform for all bidders.	Battery capacity:		25	4 2
Ammendment issued	Clarification issued	Clarification sought	Clause	Page No	Clause No	No Sr.
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No No	Clause No	Page No	Clause	Clarification sought	Clarification issued	Ammendment issued
<b>4</b> 5	2.1.5	23	The unregistered Bidders are required to pay a registration fee in favor of M/s. KSEDCL Limited (Karnataka State Electronics Development Corporation Limited) payable at Bangalore on the Eprocurement Website through e-payment mode only as per the instruction given therein	The unregistered Bidders are required to pay a registration fee in favor of M/s. KSEDCL Limited (Karnataka State Electronics Development Corporation Limited) payable at Bangalore on the Eprocurement Website through e-payment mode only as per the instruction given thereinThe unregistered Bidders are required to pay a registration fee in favor of M/s. KSEDCL Limited (Karnataka State Electronics Development Corporation Corporation Limited) payable at Limited) payable at Bangalore on the Eprocurement Website through mode only as per the instruction given therein	Please refer to clrification issued in seriel no 44	
46	<b>4</b> 11 12	29		System integrators are allowed to participate in the bid. As its a new and emerging technology, to provide quality product and also to assure 5 years AMC work, Manufacturer to be made mandatory as a part of empanelment. Sls should be allowed to participate in consortium with Manufacturer only	System integrators meeting the qualification requirements as mentioned in Section 4 of the tender (and as amended subsequently),	
47	4 ω	31	The bidder should have cumulative experience of executing contracts of supply of at least 10 nos. of Solar Cold Storage System of any capacity	To ensure quality standards of Solar Cold Room and better executon capabilities, bidder must have atleast 25 units per year experience in last 3 years. This will prove commitment and capabilities of Bidder to maintain unit for atleast 5 years. Thus total 75 units cumulative experience in last 3 years and atleast 20 units experience in Odisha	Please refer point 1 of this document	

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52	51	50	4 9	48	No .
			5.5	4 	No
			36	32	No
		Storage business emerging in India so needed relaxations for Startup & MSME manufacturers. Vide reference (2) CVC guidelines indicated on relaxation for MSME Startup Manifactureres.	Once the maximum limit of five (5%) is reached, OREDA may consider terminating the Work Order and forfeit the Performance Security without prejudice to the other remedies of the Work Order	The bidders must have minimum cumulative tumover of INR 5 Cr./over last 3 financial years (FY 20-23) exclusively in this business. As proof of this, the bidder must submit the bidder certificate certified by Charted Accountant	Clause
Supply of 5 nos. of solar cold storage requested to be considered instead of 10 nos.	Experience of supply to private companies, NGOs, reputed international organizations such as IFC/UNDP, academic institutions is also requested to be considered.		It is requested to change the penalty from 1 % to 0.5% per week. The overall 5 weeks is a very short period for the entire project to be terminated. Also requested to change the provision from entire work order to the left systems in the overall work order. This equipment is not off the she\$f item and made to order.	It is requésted to consider the overall/cumuiative tumover of the company and not exclusively from solar cold storage business.	Clarification sought
Please refere Sr. No 1 of this document	Please refere Sr. No 1 of this document	Please refer to clarification issued in Sr number 22	Tender condition remain unchanged	Please refer Sr. No, 2 of this document	<b>Clarification Issued</b>
					Ammendment issued

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No No	Clause No	Page No	Clause	Clarification sought	<b>Clarification issued</b>	Ammendment issued
			The specification of the project will be based upon the			
			requirement from			1. In case of 5 bidders, the L1 bidder will be
			Field/horticulture department.			allocated entry and rest of the hidders.
			For different configuration of			2 The I 1 hidder will be allocated 40% of project. Rest of
			Solar cold storage, the projects			the projects will be allocated equivally for more than 3
			will be allocated			hiddore
			between all qualified bidder			3. In case of 3 bidders the L1 bidder will be allocated
			subject to matching L1 price as			50% of project. Rest of
			per below methodology.			the projects will be allocated equally between bidders
			Maximum bidders allocated the			4. In case of 2 bidders, the L1 bidder will be allocated
			project will be 5.			60% of project.
53	2.1.6	21.22				
						The allocation of project shall be at OREDA's discretion
			of the projects will be			only.
			allocated equally for more than			Note: The allotment of the districts and the areas shall be
			3 bidders.			at the discretion of OREDA only
			2. In case of 3 bidders, the L1			In case of poor performance by any selected bidder,
			bidder will be allocated 50% of			OREDA reserves to cancel the work order/ debar from
			project. Rest of			future work order and offer the work to other selected
			the projects will be allocated			bidders.
			equally between bidders			Note: The allotment of the districts and the areas shall be
			3. In case of 2 bidders, the L1			at the discretion of OREDA
			bidder will be allocated 60% of			only
			project			
			The Bidder must have a positive net worth in the last			The Bidder must have a positive net worth in the last
54	4.4.2	32	financial year [FY 21-22].			

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-	New clause	New Clause
The components of 10 MT capacity solar cold room shall	include provision for 1 MT pre cooling sy: rom staging equipment. The refrigeration condensing unit, expansion valve etc. pro storage back up (24 hours) shall be inclu all mandatory rules and regulations (BIS, all mandatory rules and regulations the the items must be compiled with during e	include provision for 1 MT pre cooling system, nd 9 MT cold rom staging equipment. The refrigeration system shall include condensing unit, expansion valve etc. provision of thermal storage back up (24 hours) shall be included in the cold room. all mandatory rules and regulations (BIS, ISO, IS etc) relevant to all mandatory rules and regulations (BIS, ISO, IS etc) relevant to the items must be compiled with during execution of the project Photographs shall be taken in 3 phases i.e before during & fler compilation of the work in the GPS enabled camera and to be uploaded in the homet portal

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