Government eProcurement System

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Government eProcurement System

TENDER MANAGEMENT

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Work Item PreBid Meeting Document List ▸ 4/5(49)25-Pur ▸ Upload Documents

Tender Reference Number :	4/5(49)25-Pur
Document Type :	pdf
Uploaded Document :	tech_prebid_262889.pdf
Document Size :	291.47 KBs
Document Description :	MINUTES OF PRE-BID MEETING HELD ON 21.04.2025. AFTER PRE-BID MEETING, MNOR MODIFICATIONS IN TECHNICAL SPECIFICATIONS HAVE BEEN MADE. ALL PROSPECTIVE BIDDERS ARE REQUESTED TO SUBMIT BID AS PER THE REVISED SPECIFICATIONS.
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Digital Signature Property :	Signed Property

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MINUTES OF PRE-BID MEETING

The online pre-bid meeting was conducted on 21-04-2025 and two vendors M/S Zeonics Systech Defence & Aerospace Engineering Ltd. And M/S Delgado Coating & Technology Solutions Pvt. Ltd. participated. Followings are the reply to their suggestions.

Supplier	Suggestions	Reply
Zeonics Systech Defence & Aerospace Engineers Pvt. Ltd., Bangalore, Karnataka	1) To extend the delivery time from 60 days to 40 weeks	1) Delivery time may be extended up to 180 days.
	2) The one unit of computer controlled oscilloscope is very expensive. we can give you a digital storage oscilloscope which will be included in your tender.	2) Suggestion accepted and specification revised as "One unit of a digital storage oscilloscope for recording the discharge voltage and current waveforms"
	3) The working table which you require separately we suggest, please don't go in for it. Our suggestion is the working table will be a platform below that only the HV Machine & all will be available.	3) This is a general specification and cannot be accepted.
	4) Our machine does not require any software & hence there is no software which will be provided.	4) Suggestion accepted and revised as "There should be provision for comprehensive training and sample demonstration of equipment for the full

		functioning of the equipment”
Delgado Coating & Technology Solutions Private Ltd., Kerala	1) Our request to extend the delivery time from 60 days to 150 days. 2) Our machine comes with a warranty of 1 year. The extended warranty comes with an additional cost per year basis, which makes the machine a bit expensive. We suggested about AMC on completing the Warranty period of 1 year.	1) Delivery time may be extended up to 180 days. 2) Suggestion not accepted

REVISED SPECIFICATIONS

Installation and commissioning of cold plasma reactor at CSIR-IHBT, Palampur with the following revised specifications

1. Table top, atmospheric pressure, cold plasma reactor for the treatment of foods (solid and liquid) and biomaterials by using open-air
2. A dielectric barrier discharge plasma system should have a discharge gap of at least 30 mm and a discharge area of 15,000 mm^2 or better
3. A multipin-plane plasma system should have a discharge gap of at least 30 mm and should be variable up to 60 mm or better
4. The multipin-plane plasma system should have an effective treatment area of at least 50,000 mm^2 or better
5. The electrodes of the dielectric barrier discharge reactor and multipin-plane plasma reactor must be made of non-corrosive food-grade stainless steel
6. Ability to make plasma-activated water using the same system
7. An enclosure should be provided to house the plasma reactor during operation. The enclosure should allow visualization of the plasma discharge
8. A plasma power supply with a control panel to power the cold plasma reactor
9. The power supply should operate using a standard single-phase input supply of 220 V to 250 V, 50 Hz or better
10. The power supply should have an in-built meter that displays the input voltage, current, power, and power factor
11. The frequency of the output should match the industrial/line frequency of 50 Hz
12. The voltage output of the plasma reactor should be variable between 0 to 50 kV
13. The user should be able to set the total process time. On completion of the process time, the power should shut down
14. The power supply should also feature overcurrent and short-circuit protection
15. There should be a provision for varying the overcurrent limit
16. One unit of all-in-one computer/laptop with minimum i7, 32 GB RAM, 512 GB SSD, Windows 11 pro or latest
17. One unit of online 2 KVA IGBT based online UPS with inbuilt battery backup of minimum 30 minutes or better
18. One unit of a digital storage oscilloscope for recording the discharge voltage and current waveforms

19. A suitable standalone modular table with a storage cabinet should be supplied for placing and working with cold plasma reactor, computer, and oscilloscope
20. There should be provision for comprehensive training and sample demonstration of equipment for the full functioning of the equipment
21. Safety gear for working personnel should be supplied, if any, is required for the full functioning of the cold plasma reactor
22. Equipment should have a minimum 3 year comprehensive warranty from the date of installation
23. After installation, a minimum of 10 years of support for spare parts and maintenance of equipment