Amendment-II

Tender No.-HSCC/PUR/MEA/SRILANKA/2013; 03.03.2013

Amendment after Pre-bid meeting held on 14.03.2013 for Supply, Installation, Testing and commissioning of CSSD, LAUNDRY, KITCHEN, BIO-MEDICAL WASTE MANAGEMENT SYSTEM for District General Hospital at Dickoya, Srilanka

Sl. No.	Queries received	Amended as
1	**CSSD**	
	a. Double Door Autoclave- Specification should change as per todays's requirement. The sterilizer should be vacuum pulsing/post treatment vacuum facility with automatic operation. The working temp. should be 121 to 135ºC corresponding to pressure 1.2 to 2.2 Kg/sq.cm	a. The sterilizer should be vacuum pulsing/post treatment vacuum facility with automatic operation. The working temp. should be 121 to 135ºC corresponding to pressure 1.2 to 2.2 Kg/sq.cm
	b. Item No. 13 & 14 i.e Glove Examiner & Glove Washer cum Drier – All hospitals are using disposables gloves so these items are not required.	b. Tender condition prevails
	c. Item No.-16 i.e Rapid Sterilizer (Table Top)- The Table Top sterilizer is not required in CSSD	c. Tender condition prevails
	d. The budget of the CSSD should be Rs.75 Lakh to Rs 100 Lakh	d. Tender condition prevails
2	**Biomedical Waste Management System**	
	Queries received	**Amended as**
	-The secondary sterilization system is required for treating the contaminated waste during the pulses.	-Secondary Sterilization system should be incorporated with the Waste Autoclave for sterilization of infected steam condensate of the Waste Autoclave.
	-The budget Bio-Medical Waste Management System should be Rs.50 to Rs.75 Lakh	- Tender condition prevails
	-The Product asked for in the Bio Medical Waste Management System	- Tender condition prevails

	is now outdated technology. In the TE document you have asked for Bio-Medical Waste Autoclave and Waste Shredder as separate units. In case you procure the autoclave and shredder separately, the infection from the waste remains an issue as shredding and autoclaving is done at two different points. First you would require to shred the waste and send it again for autoclaving. In this process the infections remain in the shredder and thus the purpose of waste management remains unsolved. Nowadays the technology is one which does not have to shred and autoclave separately as both the products are incorporated in one single machine. The shredder is inbuilt with autoclave and the whole machine gets sterilized on completion of every cycle. Hence preventing the bacteria from the waste to escape into environment. Globally, the technology used is of inbuilt shredder with autoclave, Separate shredder and autoclaves are not used anymore in all undeveloped countries. We request you to upgrade the specifications asked for as the products asked for are of outdated technology. Demerits of Incineration: A large source of highly toxic dioxin Dioxin is known carcinogen that has been linked to birth defects, immune system disorders and other harmful health effects. 10% of mercury emissions to the environment from human activities. Other pollutants from incineration include furans, acid gases, heavy metals and particulates. For 100 kg of burned waste -754 kg	

	of polluted discharges of which 670 kg are invisible. The Truth about open shredding & wrong with static Autoclaving Shredding is an effective way of bringing moist heat into contact with all of the surfaces of the waste materials. Plastic materials melt and form compact masses in which sterilization is enclosed. Sterilization is consequently shielded during the sterilization stage. Infectious agents inside the melted plastics may not be sterilized. Shredding contaminated waste in non sealed system leads to the contamination of a working environment by expelling aerosols and airborne particles. The design of the sterilization equipment shall include the sterilization of the shredder during a routine operation. Net result : Waste untreated/partially treated	
3	**Laundry**	
	The Budget of the Laundry system should be Rs.60 to Rs. 80 Lakh	- Tender condition prevails
4.	**Medical Gas Manifold System**	
Sl. No.	**Queries received**	**Amended as**
	-As per your tender specs asked approved makes for material Sl. No. 11 is copper pipe. You have provided two makes i.e Mehta/Maxflow. Both the companies are same and we would request you to incorporate more vendors in the list for purchase of copper pipe. We would request to incorporate name of Ms. Rajco and M/s. Precision as they also have high quality copper piping. Rest all the specification are very open for all bidders to quote	-Makes for copper pipe should be as Maxflow/Rajco/Precision.

2	-Bio-Medical Waste Management As per tender specs. You have asked for separate autoclave & shredder. There is no requirement for procuring separate autoclave & shredder as per updated technology, the shredder is inbuilt with autoclave with drainage system. As per your asked specs, the waste has to be manually transferred from shredder to autoclave. Whereas in the latest technology equipment where shredder is inbuilt, one need not manually handle the waste. As per tender specs, you have asked for incinerator, which is not required at all if you all plan to procure the system with inbuilt shredder as category 1 & 2 can be treated with this technology as per Central Pollution Board guidelines. We request you consider our representation and change specs as per updated technology.	- Tender condition prevails

Last date of Sale extended up to 25.04.2013 upto 16.00 hrs

Date of submission & Opening –Submission on 26.04.2013 up to 11.00 hrs & Opening on 26.04.2013 at 11.30 hrs.

DGM (Civil)