

AMENDMENT - I**Dated: 18.11.2011****Amendment in the Bid document after Pre Bid meeting held on 14.11.2011 at CDSCO with prospective bidders****BID REFERENCE: IFB No. HSCC/PUR/CDSCO/Equipment/2011 -12 dated 04.11.2011****General Information:**

- All the consignee sites mentioned in the bid document are ready for the delivery, installation and commissioning of the equipment.
- CDSCO will depute its technical committee within 4 weeks time for pre shipment inspection of the equipment from the date of receipt of the inspection call.
- Bid document fee can be submitted along with bid of the bidder in separate envelope within the stipulated date and time at HSCC India Ltd., E-6(A), Sector - 1 , Noida as mentioned in the bid document.
- Techno/ commercial suggestion incorporated based on pre - bid meeting held on 14.11.2011 at FDA Bhawan , New Delhi

Technical amendment:**Line Item No. 1 Fourier Transform Infra Red Spectrometer (FT-IR)****FT-IR SPECIFICATIONS WITH ACCESSORIES**

Existing Specification	Revised Specification
Wave number range: 7500 to 375 cm-1	Wave number range: 7000 to 375 cm-1
Resolution: 0.5 cm-1 to 64 cm-1	Resolution: 1 cm-1 to 64 cm-1
S/N Ratio:5000:1 P-P for 5 Sec Scan	S/N Ratio:10000:1 P-P

Line Item No. 2 UV-VIS SPECTROPHOTOMETER

Existing Specification	Revised Specification
SPECTRAL BAND WIDTH - 0.1,0.2,0.5,1,2,5 nm (6 steps)	SPECTRAL BAND WIDTH - 0.2,0.5,1,2,4 nm (5 steps)

Line Item No. 3 Liquid Particle Matter Counter

Existing Specification	Revised Specification
Capillary size - 0.5 x 0.7 mm	Capillary size - 0.5 x 0.5 mm

Line Item No. 4 Gas Chromatograph

GAS CHROMATOGRAPH: Fully Microprocessor controlled with FID, Head Space and Liquid Auto sampler

Existing Specification	Revised Specification
B) Two Nos. Injector with independent heating: One PSS(Programmable split/ splitless)injector and one packed column injector	B) Two Nos. Injector with independent heating: One Programmable split/ splitless injector and one packed column injector
1. HEAD SPACE (AUTOSAMPLER) The autosampler must be able to transfer sample vapour to the injector without requiring transfer line, sample loops and pressurization	1. HEAD SPACE (AUTOSAMPLER) The autosampler must be able to transfer sample vapour to the injector.
2. LIQUID AUTOSAMPLER Must be able to perform sequential injections in four inlets using different methods and injection modes, regardless the type of injector.	2. LIQUID AUTOSAMPLER Must be able to perform sequential injections in two inlets using different methods and injection modes, regardless the type of injector.
Column <ul style="list-style-type: none"> A fused - silica capillary column 30m x 0.32 or 0.53 mm coated with cross linked 6 % polycyanopropyl phenyl siloxane (Qty 1) and 94 % polydimethyl siloxane 	Column <ul style="list-style-type: none"> A fused - silica capillary column 30m x 0.32 or 0.53 mm coated with cross linked 6 % polycyanopropyl phenyl siloxane and 94 % polydimethyl siloxane - Qty - 1

Line Item No. 6 Atomic Absorption Spectrometer (AAS)

Existing Specification	Revised Specification
LAMP SETUP - 6 Lamps position Automatic Lamp Holder with computer controlled lamp selection its alignment and automatic optimization of energy using coded lamps. Built in power supply for 4 special Lamp to enhance sensitivity	LAMP SETUP - 6 or more Lamps position Automatic Lamp Holder with computer controlled lamp selection its alignment and automatic optimization of energy using coded lamps. Built in power supply for 4 special Lamp to enhance sensitivity
BURNER HEAD TYPE Acetylene and Nitrous Oxide Burner	BURNER HEAD TYPE Acetylene- 50 mm and Nitrous Oxide Burner - 100mm
NEBULIZER TIP Adjustable Gem Tip Nebulizer to take analysis with acids, corrosive samples including HF	NEBULIZER TIP Adjustable Nebulizer to take analysis with acids, corrosive samples including HF
CARBON FILLED PPS Spray chamber to analyze all types of samples, should have high mechanical strength & fast drainage characteristics.	CARBON FILLED PPS/ inert Spray chamber to analyze all types of samples, should have high mechanical strength & fast drainage characteristics.
AUTOSAMPLER Autosampler with sample delivery upto 50 µl with increment of 0.1 µl , automatic replicate analysis	AUTOSAMPLER Autosampler with sample delivery upto 5ml with increment of 1 ml , automatic replicate analysis

and automatic dilution	and automatic dilution
BACKGROUND CORRECTION Suitable background correction facility e.g. D ₂ /Zeeman technique or no polarisation	BACKGROUND CORRECTION D ₂ background correction facility

Commercial amendment:

Existing Clause	Revised Clause
ITB 6.1 - Within 10 days after the Supplier's receipt of award notification and order copies of the contract, the Supplier shall furnish performance Security to the Purchaser in the amount specified (IFB) in the document.	ITB 6.1 - Within 15 days after the Supplier's receipt of award notification and order copies of the contract, the Supplier shall furnish performance Security to the Purchaser in the amount specified (IFB) in the document.

All other terms and conditions of the bid document will remain unchanged.

**Chief General Manager (FA & Proc.)
HSCC (India) Limited
(A Government of India Enterprise)
Plot No. 6(A), Block –E, Sector-1,
Noida -201301**