



ALL INDIA NETWORK PROJECT ON PESTICIDE RESIDUES

Room No. 203, 2nd Floor, B-2 Block, LBS Building
ICAR- Indian Agricultural Research Institute, New Delhi –110 012

File No. ICAR-IARI/MPR/VT/CRM/2023-24/28

Dated: 18.2.2024

NOTICE FOR E-PROCUREMENT THROUGH GEM

On-line Bids on Gem are invited from reputed Manufactures/Supplier/Authorized dealer in two bid system (Technical bid & Financial bid) for purchase of following scientific Standard Kits on behalf of Director, ICAR-Indian Agricultural Research Institute, New Delhi. The last date for submission of Bid is 11.03.2024 at 17:00. The bid will be opened on 11.03.2024 at 17:30 by the prescribed committee.

Please visit www.iari.res.in for details Rules and Regulation and log in www.gem.gov.in for online bidding.




S.No	Name of the Product	Qty.	Earnest Money
1.	GC & LC Multiresidue Pesticide Standards Kit (CRMs)	19 Kits (2 box)	30,000/-

Detail of Gem Bid (Tender) are mentioned below:

Gem Bid (Tender) No.	GEM/2024/B/4659439
Bid Submission start date & time	18.02.2024
Last date & time for submission of bid	11.03.2024 at 17:00
Date & time for opening of technical bid	11.03.2024 at 17:30

Specifications of GC and LC Multiresidue Pesticide Standard Kit

Product Specifications	
Item Name	GC & LC Multiresidue Pesticide Standards Kit
Product / Analyte type	Parent Pesticide compound and/or Metabolite
Product format	Mixture of Pesticide
Solvent	Appropriate solvent as per the pesticide mixture
Unit	Kit
Concentration of analyte	100 µg/mL
Volume	1 mL per ampule
Compliance / Accreditation	ISO 17034
Minimum shelf life (Expiry date) of the CRM	6 to 12 months
Shipping Conditions	Ambient Temperature
Storage Temperature	≤10 °C


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GC Multiresidue Pesticide Standard Kit

Item Name	Pesticide Group	Number of Components	Name of Pesticides
GC Multiresidue Pesticide Standard #1	Organophosphorus Compounds	16	Azinphos ethyl, Azinphos methyl, Chlorpyrifos, Chlorpyrifos methyl, Diazinon, EPN, Fenitrothion, Isazophos, Phosalone, Phosmet, Pirimiphos ethyl, Pirimiphos methyl, Pyraclofos, Pyrazophos, Pyridaphenthion, Quinalphos
GC Multiresidue Pesticide Standard #2	Organochlorine Compounds	40	Aldrin, α -BHC, β -BHC, γ -BHC (Lindane), δ -BHC, Chlorbenside, <i>cis</i> -Chlordane, <i>trans</i> -Chlordane, Chlorfenson (Ovex), Chloroneb, 2,4'-DDD, 4,4'-DDD, 2,4'-DDE, 4,4'-DDE, 2,4'-DDT, 4,4'-DDT, 4,4'-Dichlorobenzophenone, Endosulfan I, Endosulfan II, Endosulfan ether, Endosulfan sulfate, Endrin, Endrin aldehyde, Endrin ketone, Ethylan (Perthane), Fenson, Heptachlor, Heptachlor epoxide (isomer B), Hexachlorobenzene, Isodrin, 2,4'-Methoxychlor, Dieldrin, 4,4'-Methoxychlor olefin, Mirex, <i>cis</i> -Nonachlor, <i>trans</i> -Nonachlor, Pentachloroanisole, Pentachlorobenzene, Pentachlorothioanisole, Tetradifon
GC Multiresidue Pesticide Standard #3	Organonitrogen Compounds	25	Benfluralin, Biphenyl, Chlorothalonil, Dichlofluanid, Dichloran, 3,4-Dichloroaniline, 2,6-Dichlorobenzonitrile (Dichlobenil), Diphenylamine, Ethalfuralin, Fluchloralin, Isopropalin, Nitratin, Nitrofen, Oxyfluorfen, Pendimethalin, Pentachloroaniline, Pentachlorobenzonitrile, Pentachloronitrobenzene (Quintozene), Prodiamine, Profluralin, 2,3,5,6-Tetrachloroaniline, Tetrachloronitrobenzene (Tecnazene), THPI (Tetrahydrophthalimide), Tolyfluanid, Trifluralin
GC Multiresidue Pesticide Standard #4	Organonitrogen Compounds	28	Acetochlor, Alachlor, Allidochlor, Clomazone (Command), Cycloate, Diallylate (<i>cis</i> & <i>trans</i>), Dimethachlor, Diphenamid, Fenpropathrin, Fluquinconazole, Flutolanil, Linuron, Metazachlor, Methoxychlor, Metolachlor, N-(2,4-Dimethylphenyl) formamide, Norflurazon, Oxadiazon, Pebulate, Pretilachlor, Prochloraz, Propachlor, Propanil, Propisochlor, Propyzamide, Pyridaben, Tebufenpyrad, Triallate
GC Multiresidue Pesticide Standard #5	Organonitrogen Compounds	34	Atrazine, Bupirimate, Captafol, Captan, Chlorfenapyr, Cyprodinil, Etofenprox, Etridiazole, Fenarimol, Fipronil, Fludioxonil, Fluridone (Sonar), Flusilazole, Flutriafol, Folpet, Hexazinone (Velpar), Iprodione, Lenacil, MGK- 264, Myclobutanil, Paclobutrazol, Penconazole, Procymidone, Propargite, Pyrimethanil, Pyriproxyfen, Tebuconazole, Terbacil, Terbutylazine, Triadimefon, Triadimenol, Tricyclazole (Beam), Triflumizole, Vinclozolin



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Item Name	Pesticide Group	Number of Components	Name of Pesticides
GC Multiresidue Pesticide Standard #6	Synthetic Pyrethroid Compounds	18	Acrinathrin, Anthraquinone, Bifenthrin, Bioallethrin, Cyfluthrin, lambda-Cyhalothrin, Cypermethrin, Deltamethrin, Fenvalerate, Flucythrinate, tau-Fluvalinate, <i>cis</i> -Permethrin, <i>trans</i> -Permethrin, Phenothrin (<i>cis</i> & <i>trans</i>), Resmethrin, Tefluthrin, Tetramethrin, Transfluthrin
GC Multiresidue Pesticide Standard #7	Herbicide Methyl Esters	10	Acequinocyl, Bromopropylate, Carfentrazone ethyl, Chlorobenzilate, Chlorpropham, Chlozolinatate, DCPA methyl ester (Chlorthal-dimethyl), Fluazifop- <i>p</i> -butyl, Metalaxyl, 2-Phenylphenol
GC Multiresidue Pesticide Standard #8	Organophosphorus Compounds	24	Bromfenvinfos-methyl, Bromfenvinphos, Bromophos ethyl, Bromophos methyl, Carbophenothion, Chlorfenvinphos, Chlorthiophos, Coumaphos, Edifenphos, Ethion, Fenamiphos, Fenchlorphos (Ronnell), Fenthion, Iodofenphos, Leptophos, Malathion, Methacrifos, Profenofos, Prothiofos, Sulfotepp, Sulprofos, Terbufos, Tetrachlorvinphos, Tolclofos-methyl
GC Multiresidue Pesticide Standard #9	Organophosphorus Compounds	8	Disulfoton, Fonofos, Methyl parathion, Mevinphos, Parathion (ethyl parathion), Phorate, Piperonyl butoxide, Triazophos

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LC Multiresidue Pesticide Standard Kit

Item Name	Pesticide Group	Number of Components	Name of Pesticides
LC Multiresidue Pesticide Standard #1	Organophosphorus Compounds	13	Acephate, Carbaryl, Dicrotophos, Dimethoate, Dimethomorph, Isocarbophos, Methamidophos, Mevinphos, Monocrotophos, Omethoate, Temephos (Abate), Trichlorfon, Vamidothion
LC Multiresidue Pesticide Standard #2	Carbamate/Uron Compounds	16	Alanycarb, Aldicarb, Aldicarb sulfone, Aldicarb sulfoxide, Benfuracarb, Butocarboxim, Butoxycarboxim, Ethiofencarb, Furathiocarb, Methabenzthiazuron, Methiocarb, Methomyl, Oxamyl, Tebuthiuron, Thidiazuron, Thiophanate-methyl
LC Multiresidue Pesticide Standard #3	Carbamate/Uron Compounds	38	Bendiocarb, Bifenazate, Carbofuran, Chlorfluazuron, Chloroxuron, Chlortoluron, Cycluron, Diethofencarb, Diflubenzuron, Dioxacarb, Diuron, Fenobucarb (BPMC), Fenoxycarb, Fenuron, Flufenoxuron, Fluometuron, Forchlorfenuron, Hexaflumuron, 3-Hydroxycarbofuran, Indoxacarb, Iprovalicarb, Isoprocab, Isoproturon, Linuron, Lufenuron, Metobromuron, Monolinuron, Neburon, Novaluron, Pirimicarb, Promecarb, Propham, Propoxur, Pyraclostrobin, Siduron, Teflubenzuron, Thiobencarb, Triflumuron
LC Multiresidue Pesticide Standard #4	Organonitrogen Compounds	63	Abamectin, Acetamiprid, Ametryn, Amitraz, Azoxystrobin, Benalaxyl, Benzoximate, Boscalid, Butafenacil, Carbetamide, Carfentrazone ethyl, Chlorantraniliprole, Clofentezine, Cymoxanil, Cyprodinil, Cyromazine, Dimoxystrobin, Dinotefuran, Doramectin, Eprinomectin, Famoxadon, Fenazaquin, Fenhexamid, (E)-Fenpyroximate, Fonicamid, Fluazinam, Fludioxonil, Fluoxastrobin, Flutolanil, Furalaxyl, Halofenozide, Imazalil, Imidacloprid, Ivermectin, Kresoxim methyl, Mandipropamid, Mepanipyrim, Mepronil, Metaflumizone, Metalaxyl, Methoxyfenozide, Moxidectin, Myclobutanil, Nitenpyram, Oxadixyl, Picoxystrobin, Piperonyl butoxide, Prochloraz, Prometon, Pymetrozine, Pyracarbolid, Pyrimethanil, Pyriproxyfen, Quinoxifen, Rotenone, Sebumeton, Spiroxamine, Tebufenozide, Tebufenpyrad, Terbumeton, Triadimefon, Trifloxystrobin, Zoxamide



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LC Multiresidue Pesticide Standard #5	Organonitrogen Compounds	30	Acibenzolar-S-methyl, Bupirimate, Buprofezin , Carboxin, Clethodim, Clothianidin, Cyazofamid, Ethiprole, Ethofumesate, Fenamidone, Fipronil, Flubendiamide, Flufenacet, Hexythiazox, Mefenacet, Mesotrione, Methoprotryne, Metribuzin, Prometryne, Propargite, Prothioconazole, Pyridaben, Simetryn, Sulfentrazone, Terbutryn, Thiabendazole, Thiacloprid, Thiamethoxam, Thiofanox, Tricyclazole
LC Multiresidue Pesticide Standard #6	Organonitrogen Compounds	28	Baycor, Bromuconazole, Cyproconazole, Diclobutrazol, Difenconazole, Diniconazole, Epoconazole, Etaconazole, Ethirimol, Etoazole, Fenarimol, Fenbuconazole, Fluquinconazole, Flusilazole, Flutriafol, Fuberidazole, Hexaconazole, Ipconazole, Metconazole, Nuarimol, Paclobutrazol, Penconazole, Propiconazole , Tebuconazole, Tetraconazole, Triadimenol, Triflumizole, Triticonazole
LC Multiresidue Pesticide Standard #7	Organonitrogen Compounds	7	Emamectin-benzoate, Fenpropimorph, Spinetoram, Spinosad, Spirodiclofen, Spiromesifen, Spirotetramat
LC Multiresidue Pesticide Standard #8	Carbamate/Uron Compounds	7	Aminocarb, Desmedipham, Formetanate HCL, Mexacarbate, Monceren, Phenmedipham, Propamocarb
LC Multiresidue Pesticide Standard #9	Multigroup Compounds	16	Metsulfuron-methyl, Pyrazosulfuron-ethyl Thiodicarb, Carbofuran-3-keto, Oxycarboxin, Carbosulfan, Diafenthion, Anilofos, Dichlorvos (DDVP), Phosphamidon, Malaoxon, (Malthion O Analog), Phorate-sulfone, Parathion-O-Analog (Paraoxon), Methyl Paraoxon (Parathion methyl-O-analog), Phenthoate, Phorate-sulfoxide
LC Multiresidue Pesticide Standard #10	Multigroup Compounds	9	Imazamox, Imazethapyr, Fenoxaprop-P-ethyl Quizalofop-ethyl, Propanil, Butachlor Tridemorph, Isoprothiolane, Fluopicolide

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