

YOGI VEMANA UNIVERSITY

Department of Chemistry, KADAPA – 516 003, Andhra Pradesh, INDIA

Dr. L. Subramanyam Sarma
Assistant Professor
Principal Investigator (SERB-DST Project)



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(Ref: YVU/DEVP/LSS/DST/Chem/Equip, Consum, Cont. & Travel/IQ/2014-15, Dt: 24-12-2014)

December 26, 2014

To
M/S Suppliers

Dear Sir/Madam,

Sub: SERB-DST project – Dep. Of Chemistry – Dr. L. Subramanyam Sarma, PI – Purchase of Chemicals/Glassware/Labware for the year 2014-2015 – Call for Quotations – Req. – Reg.
Ref: Proceedings of the Vice-Chancellor No: YVU/DEVP/LSS/DST/Chem/Equip, Cosum. Cont & Travel/IQ/2014-15, Dt: 24-12-2014.

You are requested to send your lowest quotation in triplicate towards the supply of Chemicals/Glassware/Labware/Fuel cell catalysts listed below along with your terms and conditions so as to reach to **The Registrar, Yogi Vemana University, KADAPA – 516 003, Andhra Pradesh** on or before **17-01-2015** by **Registered post/Speed post only**. Kindly note that quotations sent through courier/in person are not accepted. Please mention the last date and super scribe the reference number specified above on the cover.

Thanking you.

Sincerely

(LOKA SUBRAMANYAM SARMA)

Dr. L. SUBRAMANYAM SARMA
Principal Investigator DST Project
Assistant Professor
Department of Chemistry
YOGI VEMANA UNIVERSITY
KADAPA - 516 003.

Enclosure: List of items enclosed.

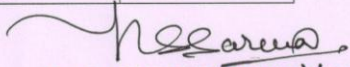
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Chemicals Required for the DST Project:

S No	Chemical Name	Product code (Brand Name)	Quantity
1.	Chloroplatinic acid ($H_2PtCl_6 \cdot 6H_2O$)	206083-1G (Sigma-Aldrich)	5 g
2.	Chloroauric acid ($HAuCl_4$)	520918 (Sigma-Aldrich)	1 g
3.	Palladium chloride	205885 (sigma-Aldrich)	2g
4.	Palladium Acetate	205869-2G (Sigma-Aldrich)	2 g
5.	Sodium hypophosphite monohydrate	10039-56-2 S5012-500G (Sigma-Aldrich)	500 g
6.	Methanol	322415 (sigma Aldrich)	1 lit
7.	Oleylamine	07805 SIGMA ALDRICH	100 gm
8.	Dodecylamine	124-22-1 (Merk)	100 g
9.	Hydrogen peroxide 30% for analysis	1.93007.0521 (MEREK)	1 Lit
10.	PDDA	409014 (Sigma-Aldrich)	1 Lit
11.	Hexadecyltrimethylammonium bromide (CTAB)	Merk	500 g
12.	Oleic acid (OA) pure	61821605001730 MERK	2.5 Lit
13.	1-Octadecene	112-88-9 MERK	100 ml
14.	Hexadecyltrimethylammonium Chloride (CTAC)	Merk	500 g

Glassware/Labware required for the DST project:

S. No	Glassware/Accessories	Make/Product No:	Quantity
1.	Reagent Bottles	Borosil/1501-50 ml	6
2.	Reagent Bottles	Borosil/1501-100 ml	4
3.	Reagent Bottles	Borosil/1501-250 ml	4
4.	Reagent Bottles	Borosil/1501-500 ml	2
5.	Reagent Bottles	Borosil/1501-1000 ml	2
6.	Weighing Bottles	Borosil/1630-5 ml	6
7.	Weighing Bottles	Borosil/1630-15 ml	3
8.	Beakers	Borosil/1000-25 ml	12
9.	Beakers	Borosil/1000-50 ml	12
10.	Beakers	Borosil/1000-100 ml	12
11.	Beakers	Borosil/1000-250 ml	12
12.	Beakers	Borosil/1000-500 ml	6
13.	Flasks-Round Bottom-Three Necks	Borosil/4383-D16-100 ml	3
14.	Flasks-Round Bottom-Three Necks	Borosil/4383-C21-250 ml	4
15.	Flasks-Round Bottom-Three Necks	Borosil/4383-D21-250 ml	4
16.	Flasks-Round Bottom-Three Necks	Borosil/4383-D24-500 ml	1
17.	Dishes	Borosil/3140081	6


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List of Fuel Cell Catalysts required for the DST project:

S.NO	Catalyst name	Make/Product No:	Quantity
1	20% Platinum/Carbon Black	35849 Alfa-Aesar	1g
2	40% Platinum/Carbon Black	42204 Alfa-Aesar	1 g
3	30 % Pt-Ru/Carbon Black	40473 Alfa-Aesar	250 mg
4	20 % Pd/Carbon	Alfa-Aesar	1 g
5	Platinum Black	12755 Alfa-Aesar	0.25 g



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