

### Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) (A Central University)

Website: www.ggu.ac.in, Phone: 07752- 260381 FAX: 07752-260154, 260148

Ref No.: 21/SERB-Startup Grant/Zoology/Store/2018 Dated: 17 -12-.2018

#### **LIMITED TENDER ENQUIRY (Under GFR 162 of 2017)**

Subject:- Limited tender enquiry for the supply of Minors Equipments /Instruments & Chemicals for Research Project (File No. SERB-YSS/2014/000073) to Dr. Santosh Singh in the Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.)

Sealed quotations are invited from the registered manufacturers/ suppliers in the Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.). The competitive rates for the supply and installation of instruments/ equipments & Chemicals /consumable (as applicable) with the desired specifications as mentioned in this tender (Schedule 1 & 2) on relevant page. Bidder must carefully peruse the general terms and conditions of the tender on the CPP portal <a href="www.eprocure.gov.in">www.eprocure.gov.in</a> and university website <a href="www.ggu.ac.in">www.ggu.ac.in</a>.

Mode of Submission will be Offline Under **Two Bid System**, A. **Technical Bid** (All documents other than Price bid) & B. **Financial Bid-Annexure-II** (Only Price Related Documents Page No-13 to 18). The sealed quotations with specifications and offer price (in two separate sealed envelopes put in a cover envelope) addressed to "Assistant Registrar (Store), Guru GhasidasVishwavidyalaya, Koni, Bilaspur-495009", should be reached on or before **27.12.2018 at 4 PM** only through speed /registered post/courier. The tender will be opened on same day at **4.30 PM**. University is not responsible for any delay in receiving the tender etc. GGV reserves all the right to accept/reject any or all tender without assigning any reason in favour of the University.

Registrar (Acting)



## Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) (A Central University)

Website: www.ggu.ac.in, Phone: 07752- 260381 FAX: 07752-260154, 260148

Ref No.: 21/SERB-Startup Grant/Zoology/Store/2018 Dated: 17 -12-.2018

### LIMITED TENDER ENQUIRY (LTE) (GFR-2017, Rule 162)

Dear Sir,

We intend to purchase Minors Equipments /Instruments & Chemicals for Research Project (File No. SERB-YSS/2014/000073) of Dr. Santosh Singh in the Department of Zoology, Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.) through Limited Tender Inquiry and invites tenders from the registered venders in accordance with the terms and conditions details in the bid documents. If you are interested, kindly send your offer for the supply with complete terms within the time mentioned as under-

### **Important Dates**

Event	Dates	Time
Last date for submission of sealed tender	27.12.2018	4.00 PM
Tender Opening	27.12.2018	4.30 PM

Please send your sealed bid only by Registered/Speed Post/Courier service to the following address.

### **Assistant Registrar (Store)**

Guru Ghasidas Vishwavidyalaya, Koni, Bilaspur (C.G.)-4950019

#### GENERAL TERMS AND CONDITIONS OF THE SUPPLY

- 1. The sealed quotation superscripted with "Quotation for supply of Equipment's & Chemicals under Research Project, Department of Zoology, GGV Bilaspur".
- **2. Quantity:** The quantities mentioned are indicative and may alter at the time of placing the purchase order as per availability of Fund and approved rates.

- **3. Product Leaflet/ Handbook:** Duly certified copy of the Technical brochure/leaflet etc. of the quoted equipment/ instrument (as applicable) be submitted along with the quotation, by the bidder
- **4. Authorization Certificate:** It is desired that the bidder submits, self attested latest & valid authorization certificate from the principal manufacturer, for which the rate has been quoted under this offer
- **5. Discount, if any:** special concession/discount (if any) applicable for educational institutions, be clearly mentioned in the price bid.
- **6. Excise duty exemption:** The University is exempted from Custom/Excise Duty by DSIR, Govt. of India. The exemption certificate of the same shall be issued by the University on demand, at the time of supply. Bidder must clearly mention if any basic custom duty/ excise duty etc. is chargeable, in spite of the GGV is exempted by DSIR certificate.
- **7.** If the item is under DGS&D rate contract, the quoted price should not be more than the DGS&D rate
- **8. FOR GGV**: The rate should be quoted on F.O.R University campus, Koni, Bilaspur basis. No packing/ forwarding, unloading, transit insurance charges will be paid extra to the bidder by the University. All extra charges have to be borne by the supplier/bidder only.
- **9. No Installation charges:** The Equipment/ Instrument must be delivered, installed and demonstrated without any extra charges from the GGV.
- **10.** Validity of the offered Rate: The quoted rate should be valid for a minimum period of 90 days from the date of opening of the financial bid of the tender.
- **11. Delivery period:** The Equipment/ Instrument, ordered will have to be delivered and installed in the Department at GGV, maximum within 30 days from the issue of the Purchase Order to the successful bidder.
- **12. Mode of Submission:** Offline under Two Bid System; A. Technical Bid (All documents other than Price bid); B. Financial Bid (Only Price Related Documents page no-13 to 18). The tender document can be downloaded from the websites www.ggu.ac.in or www.eprocure.gov.in. "Corrigendum, if any, would appear only on the above web sites and not be published anywhere else".

- **13. Liquidated Damages (LD):** Any delay in supplying the ordered equipment/instrument from the stipulated date of delivery will attract LD, which will be applicable at the rate of 0.5% per week and limited to 10% maximum. The authority reserves the right to cancel the purchase order when LD accumulates to 10%.
- **13. Warranty:** At least one year comprehensive on-site warranty shall be applicable to the supplied equipment/instrument for all manufacturing defects from the date of satisfactory installation, commissioning, demonstration by the supplier and acceptance by GGV.
- **14. Performance security:** The successful bidder must submit performance security of 5 % of the ordered value, on the goods/services supplied irrespective of the origin, within fifteen days of issue of purchase order in form of Demand Draft/TDR/Bank guarantee from any nationalized bank. Otherwise, the same amount will be deducted from the billed amount. On satisfactory completion of the warranty period of 01 year (12 months) or more period as offered by the bidder, Performance Security will be released without any interest on demand.
- **15. Payment:** Bidder should not ask for advance or part payment prior to supply and successful Installation. Payment to the firm shall be made, only after the supply in good condition, installation and demonstration of the equipment/instrument at GGV.
- **16. GST etc:** GST & Other charges must be clearly mentioned along with the quoted offer, whether to be paid extra or not. GGV shall pay the same as per prevailing government rules, if mentioned in the price bid. No taxes shall be paid if not mentioned in the bid and any correspondence in this regard shall be not entertained after the price bids are opened.
- **17. Unsealed quotations:** Quotation must be sealed properly. Unsealed envelopes/ offers are liable to be rejected by GGV.
- **18. Offer after due date:** GGV shall not be responsible for late postal delivery and any offer received after the due date shall be summarily rejected by GGV. Your Sealed offer must reach on or before the scheduled due date only by the speed/registered/ courier post. The selection of vendor will L1 basis for each equipment and cumulative for chemicals.
- **19.** GGV has all the rights reserved to accept / reject any /all the quotation(s) and not to procure any/all the equipments/instruments/chemicals without assigning any reason(s) thereof in favour of the university.

**20.** Any firm if wish to participate in the tender, then the firm should get registered under the relevant category before the last date of submitting the bid. Any bid received from the firm who has not a valid /live registration in the relevant clause will be auto rejected and no correspondence in this regard shall be entertained by the University. For detail of the vender registration, kindly visit to the university portal <a href="www.ggu.ac.in">www.ggu.ac.in</a> or contact Assistant Registrar Store for ant related information. E-Mail: <a href="marketaggu.ac.in">arstore@ggu.ac.in</a> PhoneNo.07752-260381

**21. Arbitration:** Any dispute arising out of this agreement shall be settled through mutual discussion and consultations among the parties. In case the parties would not come under fruitful conclusion on the disputes, the matter shall be referred to the Sole Arbitrator by either party. The Sole Arbitrator shall be the representative nominated by the Vice Chancellor of Guru Ghasidas Vishwavidyalaya, Bilaspur (C.G.). The decision of the sole arbitrator shall be final and binding upon the parties to the disputes.

- **22.** In case of any ambiguity /anything not contained in this document, GGV reserves the right to take discretionary decision without assigning any reason thereof and it will be binding on concerned/all bidders. The University also reserves the right to cancel/reject any bid due to any reason including human error in calculation incurred during process. The GGV shall be free to cancel the whole or part of tender without assigning any reason.
- 23. Court Jurisdiction: The University shall not be bound to give justification for any aspect of the selection process and the decision of the university shall be final and binding on all without any right of appeal. Further, in case of any dispute, any suite or legal proceedings against the university, the jurisdiction shall be restricted to the courts at Bilaspur, Chhattisgarh.

Name of the Tenderer:	 
Seal and Signature of Tenderer: .	 
Date:	 
Name of the Firm/Company:	 

## **Schedule-1: List of Equipments**

S.No	Name of Equipments	Quantity	Technical description			
01	pH Meter	01	Micro controller based; up to 5 point calibration for			
			pH; pH Range : 0 – 14; 0.001 pH Resolution; mV			
			Range: 0 - ±1999.9; 0.1 mV Resolution;			
			Temperature compensation : Auto / Manual;			
			Readout: 2 Line 20 character alphanumeric LCD;			
			Data storage: 80 Readings; Printer interface for 80			
			Column D.M. Printer			
02	Gel-Rocker	01	Speed: 0-50 Oscill/Min			
			Movement: See-Saw			
			Motor : PMDC Motor			
			Timer : 0 - 60 min3			
			Overall Dimension: 260 x 283 x 180 mm			
			Operating Volt : 230c AC @ 50Hz			
03	Homogenizer	01	Suitable for Homogenizing of Tissue at High Speed			
			Fitted with PTFE Grinding Pestle			
			Type: Teflon Pestle			
			Steering Shaft Length: 275mm			
			Steering Shaft Diameter: 8mm			
			Speed: Min 300RPM, Max 8000RPM			
			Max Volume : Upto 100ml			
04	Vortex Mixture	01	Power: 32 W			
			Shaking Moment : Orbital			
			Orbital Diameter : 4			
			Motor Type : Shaded Motor Type			
			Speed Range: 0-2500			
			Run Type : Continuous/Touch Operation			
			Dimension: 185 x 150 x 165mm			

			Weight: 2.8Kg			
			Protection Class: IP21			
05	Distillation Unit	01	Output: 4Ltr/Hr			
			Conductivity: 3.0 - 4.0 µS/cm			
			Distillate Quality: Pyrogen Free			
			3KW Chromium Heater with Cutoff			
			Teflon Screw Cork for easy draining and cleaning			
			of Boiling Chamber			
			Water Still with Metal Heater			
06	X-ray cassettes	01	Size: 10 x 12 Inch			
			Aluminum Alloy Frame			
07	Micropipette	01	100-1000 ul			
08	Micropipette		20-200 ul			
09	Oven	01	Inner Dimension: 300 x 300 x 300 mm			
			Inner: Stainless Steel			
			Heater Watt: 1.0 KW			
			Temp Range: Ambient to 200c			
			Control Panel: With Mains & Load Indicator			
			Temp Stability : ± 1c or Better			

Name of the Tenderer:	 		 
Seal and Signature of Tenderer:	 	•••••	 
Date:	 		 
Name of the Firm/Company:	 		 

**Schedule 2: List of Chemicals/Consumables** 

S.No.	Particulars	Grade	Make	Quantity
1	Sodium pyruvate	Molecular	SRL/Merck/Sigma/Equivalent	100g
2	Lithium Lactate	Molecular	SRL/Merck/Sigma/Equivalent	500g
3	NAD	Molecular	SRL/Merck/Sigma/Equivalent	1g
4	NBT	Molecular	Molecular SRL/Merck/Sigma/Equivalent	
5	Imidazole	Molecular	SRL/Merck/Sigma/Equivalent	100g
6	L-Glutamine	Molecular	SRL/Merck/Sigma/Equivalent	100g
7	Hydroxyl amine	Molecular	SRL/Merck/Sigma/Equivalent	500g
8	MnCl2	Molecular	SRL/Merck/Sigma/Equivalent	500g
9	Sodium arsenate	Molecular	SRL/Merck/Sigma/Equivalent	100g
	Gama glutamine		SRL/Merck/Sigma/Equivalent	100g
10	hydroxamate	Molecular		
11	NADP	Molecular	SRL/Merck/Sigma/Equivalent	500mg
12	Cumihydroperoxide	Molecular	SRL/Merck/Sigma/Equivalent	
13	NAD+	Molecular	SRL/Merck/Sigma/Equivalent	500mg
	Potassium Phosphate		SRL/Merck/Sigma/Equivalent	100ml
14	buffer	Molecular		
15	Dichromate acetic acid	Molecular	SRL/Merck/Sigma/Equivalent	500g
16	GR	Molecular	SRL/Merck/Sigma/Equivalent	500ml
17	DTNB	Molecular	SRL/Merck/Sigma/Equivalent	5g
18	Tris-malate buffer	Molecular	SRL/Merck/Sigma/Equivalent	500ml
19	TBA reagent	Molecular	SRL/Merck/Sigma/Equivalent	500ml
20	Per chloric acid	Molecular	SRL/Merck/Sigma/Equivalent	500ml
21	NaCN	Molecular	SRL/Merck/Sigma/Equivalent	25g
22	Methanol (absolute)	Molecular	SRL/Merck/Sigma/Equivalent	500ml
23	Streptromycinsulphate	Molecular	SRL/Merck/Sigma/Equivalent	25g
24	Guanidine HCl	Molecular	SRL/Merck/Sigma/Equivalent	500g
25	Heparine	Molecular	SRL/Merck/Sigma/Equivalent	100000U

26	КОН	Molecular	SRL/Merck/Sigma/Equivalent	1Kg
27	Ficoll	Molecular	SRL/Merck/Sigma/Equivalent	25g
28	Tween 20	Molecular	SRL/Merck/Sigma/Equivalent	100g
29	Ponceu S solution	Molecular	SRL/Merck/Sigma/Equivalent	100ml
	Super signal		SRL/Merck/Sigma/Equivalent	500ml
30	westpikochemolumicent	Molecular		
31	Developer & fixer	Molecular	SRL/Merck/Sigma/Equivalent	500ml
32	RNA isolation kit	Molecular	SRL/Merck/Sigma/Equivalent	25 Ex.
33	RNA solution	Molecular	SRL/Merck/Sigma/Equivalent	100ml
34	DNase I	Molecular	SRL/Merck/Sigma/Equivalent	5000U
35	Reverse trancriptase	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
36	dNTP	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
37	Primer	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
38	RNase inhibitor	Molecular	SRL/Merck/Sigma/Equivalent	1000U
	Taq polymerase (dNTP		SRL/Merck/Sigma/Equivalent	Min Pack
39	mix)	Molecular		
40	Mobs	Molecular	SRL/Merck/Sigma/Equivalent	25g
41	100 bp DNA ladder	Molecular	SRL/Merck/Sigma/Equivalent	50mg
42	Isopropanol	Molecular	SRL/Merck/Sigma/Equivalent	500ml
43	Ficoll 400	Molecular	SRL/Merck/Sigma/Equivalent	25g
44	Xylene cyanol FF	Molecular	SRL/Merck/Sigma/Equivalent	25g
45	Boric acid	Molecular	SRL/Merck/Sigma/Equivalent	500g
46	EtBr	Molecular	SRL/Merck/Sigma/Equivalent	1g
47	Tri reagent	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
48	1-bromo 2-chloro propen	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
49	Chloroform	Molecular	SRL/Merck/Sigma/Equivalent	500ml
50	DEPC water	Molecular	SRL/Merck/Sigma/Equivalent	100ml
51	DNase buffer	Molecular	SRL/Merck/Sigma/Equivalent	100ml
52	Sodium acetate	Molecular	SRL/Merck/Sigma/Equivalent	500g
53	Formaldehyde	Molecular	SRL/Merck/Sigma/Equivalent	500ml

54	Formamide	Molecular	SRL/Merck/Sigma/Equivalent	500ml
55	Agarose	Molecular	SRL/Merck/Sigma/Equivalent	25g
56	Acrylamide	Molecular	SRL/Merck/Sigma/Equivalent	100g
57	Bis-acrylamide	Molecular	SRL/Merck/Sigma/Equivalent	100g
58	Tris base	Molecular	SRL/Merck/Sigma/Equivalent	100g
59	Tris HCL	Molecular	SRL/Merck/Sigma/Equivalent	500g
60	APS	Molecular	SRL/Merck/Sigma/Equivalent	100g
61	MTT	Molecular	SRL/Merck/Sigma/Equivalent	100mg
62	Anti AMPA primary Ab	Molecular	Santa Cruz/Equivalent	Min Pack
63	HRB secondary Ab	Molecular	Santa Cruz/Equivalent	Min Pack
	Glutamate/glutamine		Himedia/Sigma/Equivalent	100R
64	determination kit	Molecular		
65	NO assay kit	Molecular	Himedia/Sigma/Equivalent	200R
66	cGMP assay kit	Molecular	Himedia/Sigma/Equivalent	Min Pack
	Guanylate cyclase activity		Himedia/Sigma/Equivalent	Min Pack
67	assay kit	Molecular		
	Whatman Filter Paper No.			1Pkt
68	1	Molecular	Whatman/Equivalent	

Name of the Tenderer:	 	 
Seal and Signature of Tenderer:	 	 
Date:	 	 
Name of the Firm/Company:	 	 

### TECHNICAL INFORMATION OF THE TENDERER

### **Tenderer's Profile**

# **Annexure I**

S.No	Desired Details	Information Furnished
1.	Name of the Firm	
2.	Registered Office address Telephone No- Mobile No- E-mail	
3.	Correspondence/ contact address	
4.	Details of Contact person (Name, designation, address etc.) Telephone No/Mobile No Mobile No- E-mail	
6.	Tenderer Bank Details Name of the Bank Bank Account No. IFSC Code Branch Address	

Dated:	Signature of Tenderer
	Name
	Designation
	Firm's seal

#### **Financial Details (last Three years)**

Sr.	Name of the	Turn Over ( Rs. in Lakhs) Total of 3 Financial Years					Average Turn Over		
NO	Tenderer	20	2014-15 2015-16 2016-17					For Three Years	
		Turnover	Profit	Turnover	Profit	Turnover	Profit	Turnover	Profit

Note: Please enclose audited sheet/ certificate issued by CA in this regard (as applicable)

Validity: The tenders should be valid for at least for Three months period from the date of opening of the financial tender.

Signature of Tenderer
Dated:
Name
Designation
Firm's seal



# Financial Bid

- i. Please quote rates for Instruments and chemicals as per detail specifications given in schedule-1 and 2 of this tender, in the financial bid as given below.
- ii. Quoted rates should be inclusive of all as detailed in the terms and conditions of this tender.
- iii. The Cost of the equipment should be inclusive of all taxes and statutory levies. Labour installation charges, packing, transporting, forwarding, transit insurance, loading, unloading commissioning, demonstration, freight etc. However, the details of the rates included is to be submitted in a separate sheet for purpose of clarification (if required).

	Name of	Qty	Techinical description	Make	Unit	GST	Total Price
S.No	<b>Equipments</b>				Price	%	(inclusive of
							all Taxes)
01	pH Meter	01	Micro controller based; up to 5				
			point calibration for pH; pH				
			Range: 0 – 14; 0.001 pH				
			Resolution; mV Range : 0 -				
			<u>+</u> 1999.9; 0.1 mV Resolution;				
			Temperature compensation : Auto				
			/ Manual; Readout : 2 Line 20				
			character alphanumeric LCD;				
			Data storage: 80 Readings;				
			Printer interface for 80 Column				
			D.M. Printer				
02	Gel-Rocker	01	Speed: 0-50 Oscill/Min				
			Movement: See-Saw				
			Motor : PMDC Motor				
			Timer: 0 - 60 min3				
			Overall Dimension: 260 x 283 x				
			180 mm				
			Operating Volt : 230c AC @				
			50Hz				

03	Homogenizer	01	Suitable for Homogenizing of		
			Tissue at High Speed		
			Fitted with PTFE Grinding Pestle		
			Type: Teflon Pestle		
			Steering Shaft Length: 275mm		
			Steering Shaft Diameter: 8mm		
			Speed: Min 300RPM, Max		
			8000RPM		
			Max Volume : Upto 100ml		
04	Vortex	01	Power: 32 W		
	Mixture		Shaking Moment : Orbital		
			Orbital Diameter: 4		
			Motor Type : Shaded Motor Type		
			Speed Range: 0-2500		
			Run Type: Continuous/Touch		
			Operation		
			Dimension : 185 x 150 x 165mm		
			Weight: 2.8Kg		
			Protection Class: IP21		
05	Distillation	01	Output: 4Ltr/Hr		
	Unit		Conductivity: 3.0 - 4.0 µS/cm		
			Distillate Quality: Pyrogen Free		
			3KW Chromium Heater with		
			Cutoff		
			Teflon Screw Cork for easy		
			draining and cleaning of Boiling		
			Chamber		
			Water Still with Metal Heater		
06	X-ray	01	Size : 10 x 12 Inch		
	cassettes		Aluminum Alloy Frame		
07	Micropipette	01	100-1000 ul		
08	Micropipette		20-200 ul		
09	Oven	01	Inner Dimension: 300 x 300 x		
			300 mm		

	Inner: Stainless Steel		
	Heater Watt: 1.0 KW		
	Temp Range : Ambient to 200c		
	Control Panel: With Mains &		
	Load Indicator		
	Temp Stability: ± 1c or Better		

Name of the Tenderer:	
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# Financial Bid

				Qty	Unit	GST	Total
S.No.	Particulars	Grade	Make		Price	<b>%</b>	Price
1	Sodium pyruvate	Molecular	SRL/Merck/Sigma/Equivalent	100g			
2	Lithim Lactate	Molecular	SRL/Merck/Sigma/Equivalent	500g			
3	NAD	Molecular	SRL/Merck/Sigma/Equivalent	1g			
4	NBT	Molecular	SRL/Merck/Sigma/Equivalent	1g			
5	Imidazole	Molecular	SRL/Merck/Sigma/Equivalent	100g			
6	L-Glutamine	Molecular	SRL/Merck/Sigma/Equivalent	100g			
7	Hydroxyl amine	Molecular	SRL/Merck/Sigma/Equivalent	500g			
8	MnCl2	Molecular	SRL/Merck/Sigma/Equivalent	500g			
9	Sodium arsenate	Molecular	SRL/Merck/Sigma/Equivalent	100g			
	Gama glutamine		SRL/Merck/Sigma/Equivalent	100g			
10	hydroxamate	Molecular					
11	NADP	Molecular	SRL/Merck/Sigma/Equivalent	500mg			
12	Cumihydroperoxide	Molecular	SRL/Merck/Sigma/Equivalent				
13	NAD+	Molecular	SRL/Merck/Sigma/Equivalent	500mg			
	Potassium Phosphate		SRL/Merck/Sigma/Equivalent	100ml			
14	buffer	Molecular					
15	Dichromate acetic acid	Molecular	SRL/Merck/Sigma/Equivalent	500g			
16	GR	Molecular	SRL/Merck/Sigma/Equivalent	500ml			
17	DTNB	Molecular	SRL/Merck/Sigma/Equivalent	5g			
18	Tris-malate buffer	Molecular	SRL/Merck/Sigma/Equivalent	500ml			
19	TBA reagent	Molecular	SRL/Merck/Sigma/Equivalent	500ml			
20	Per chloric acid	Molecular	SRL/Merck/Sigma/Equivalent	500ml			
21	NaCN	Molecular	SRL/Merck/Sigma/Equivalent	25g			
22	Methanol (absolute)	Molecular	SRL/Merck/Sigma/Equivalent	500ml			
23	Streptromycinsulphate	Molecular	SRL/Merck/Sigma/Equivalent	25g			
24	Guanidine HCl	Molecular	SRL/Merck/Sigma/Equivalent	500g			
25	Heparine	Molecular	SRL/Merck/Sigma/Equivalent	100000U			

27 Ficoll   Molecular   SRL/Merck/Sigma/Equivalent   100g	26	КОН	Molecular	SRL/Merck/Sigma/Equivalent	1Kg
29 Ponceu S solution Molecular SRL/Merck/Sigma/Equivalent 100ml Super signal 30 westpikochemolumicent Molecular 31 Developer & fixer Molecular 32 RNA isolation kit Molecular 32 RNA solution Molecular 33 RNA solution Molecular 34 Divase I Molecular 38 RL/Merck/Sigma/Equivalent 500ml 35 Reverse trancriptase Molecular 38 RL/Merck/Sigma/Equivalent 5000U 36 Reverse trancriptase Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 36 dNTP Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 37 Primer Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 38 RNase inhibitor Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 38 RNase inhibitor Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 39 mix) Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 39 mix) Molecular 38 RL/Merck/Sigma/Equivalent 500ml 40 Mobs Molecular 38 RL/Merck/Sigma/Equivalent 500ml 41 100 bp DNA ladder Molecular 38 RL/Merck/Sigma/Equivalent 500ml 42 Isopropanol Molecular 38 RL/Merck/Sigma/Equivalent 500ml 43 Ficoll 400 Molecular 38 RL/Merck/Sigma/Equivalent 25 g 44 Xylene cyanol FF Molecular 38 RL/Merck/Sigma/Equivalent 500ml 44 Sprice acid Molecular 38 RL/Merck/Sigma/Equivalent 12 Sp 44 Xylene cyanol FF Molecular 38 RL/Merck/Sigma/Equivalent 12 Sp 45 Boric acid Molecular 38 RL/Merck/Sigma/Equivalent 12 Sp 46 EtBr Molecular 38 RL/Merck/Sigma/Equivalent 12 Min Pack 47 Tri reagent Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 48 propen Molecular 38 RL/Merck/Sigma/Equivalent Min Pack 49 Chloroform Molecular 38 RL/Merck/Sigma/Equivalent 500ml 50 DEPC water Molecular 38 RL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular 38 RL/Merck/Sigma/Equivalent 500ml 52 Sodium acetate Molecular 38 RL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular 38 RL/Merck/Sigma/Equivalent 500ml 550 Molecular 58 RL/Merck/Sigma/Equivalent 500ml 550 M	27	Ficoll	Molecular	SRL/Merck/Sigma/Equivalent	25g
Super signal  Super signal  Westpikochemolumicent  Molecular  SRL/Merck/Sigma/Equivalent  SOOml  31 Developer & fixer  Molecular  SRL/Merck/Sigma/Equivalent  SRL/Merck/Sigma/Equivalent  SRL/Merck/Sigma/Equivalent  SRL/Merck/Sigma/Equivalent  SRL/Merck/Sigma/Equivalent  SRL/Merck/Sigma/Equivalent  Molecular  SRL/Merck/Sigma/Equivalent  SOOml  SRL/Merck/Sigma/Equivalent  SOOml  SRL/Merck/Sigma/Equivalent  SOOml  Molecular  SRL/Merck/Sigma/Equivalent  SOOml	28	Tween 20	Molecular	SRL/Merck/Sigma/Equivalent	100g
30 westpikochemolumicent Molecular 31 Developer & fixer Molecular SRL/Merck/Sigma/Equivalent 500ml 32 RNA isolation kit Molecular SRL/Merck/Sigma/Equivalent 100ml 33 RNA solution Molecular SRL/Merck/Sigma/Equivalent 100ml 34 DNase I Molecular SRL/Merck/Sigma/Equivalent 5000U 35 Reverse trancriptase Molecular SRL/Merck/Sigma/Equivalent Min Pack 36 dNTP Molecular SRL/Merck/Sigma/Equivalent Min Pack 37 Primer Molecular SRL/Merck/Sigma/Equivalent Min Pack 38 RNase inhibitor Molecular SRL/Merck/Sigma/Equivalent Min Pack 39 mix) Molecular SRL/Merck/Sigma/Equivalent Min Pack 40 Mobs Molecular SRL/Merck/Sigma/Equivalent 50mg 41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 50mg 42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 25g 43 Kylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g 44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g 45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 1g 47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent 1g 47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack 48 propen Molecular SRL/Merck/Sigma/Equivalent Min Pack 49 Chloroform Molecular SRL/Merck/Sigma/Equivalent Min Pack 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent Min Pack 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent Min Pack 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 100ml 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml 55 Formamide Molecular SRL/Merck/Sigma/Equivalent 100ml 56 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	29	Ponceu S solution	Molecular	SRL/Merck/Sigma/Equivalent	100ml
31   Developer & fixer   Molecular   SRL/Merck/Sigma/Equivalent   500ml     32   RNA isolation kit   Molecular   SRL/Merck/Sigma/Equivalent   25 Ex.     33   RNA solution   Molecular   SRL/Merck/Sigma/Equivalent   100ml     34   DNase I   Molecular   SRL/Merck/Sigma/Equivalent   5000U     35   Reverse trancriptase   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack     36   dNTP   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack     37   Primer   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack     38   RNase inhibitor   Molecular   SRL/Merck/Sigma/Equivalent   1000U     Taq polymerase (dNTP   SRL/Merck/Sigma/Equivalent   Min Pack     39   mix   Molecular   SRL/Merck/Sigma/Equivalent   25g     41   100 bp DNA ladder   Molecular   SRL/Merck/Sigma/Equivalent   50mg     42   Isopropanol   Molecular   SRL/Merck/Sigma/Equivalent   50ml     43   Ficoll 400   Molecular   SRL/Merck/Sigma/Equivalent   25g     44   Xylene cyanol FF   Molecular   SRL/Merck/Sigma/Equivalent   25g     45   Boric acid   Molecular   SRL/Merck/Sigma/Equivalent   1g     47   Tri reagent   Molecular   SRL/Merck/Sigma/Equivalent   1g     48   Propen   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 2-chloro   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 2-chloro   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 4-chloro   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 5-chloro   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 6-chloro   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 7-chloro   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 8-chloro   SRL/Merck/Sigma/Equivalent   Min Pack     1-bromo 9-chloro   SRL/Merck/Sigma/Equivalent   Min Pack		Super signal		SRL/Merck/Sigma/Equivalent	500ml
32 RNA isolation kit Molecular SRL/Merck/Sigma/Equivalent 25 Ex.  33 RNA solution Molecular SRL/Merck/Sigma/Equivalent 100ml  34 DNase I Molecular SRL/Merck/Sigma/Equivalent 5000U  35 Reverse trancriptase Molecular SRL/Merck/Sigma/Equivalent Min Pack  36 dNTP Molecular SRL/Merck/Sigma/Equivalent Min Pack  37 Primer Molecular SRL/Merck/Sigma/Equivalent Min Pack  38 RNase inhibitor Molecular SRL/Merck/Sigma/Equivalent 1000U  Taq polymerase (dNTP SRL/Merck/Sigma/Equivalent Min Pack  39 mix) Molecular SRL/Merck/Sigma/Equivalent 50mg  40 Mobs Molecular SRL/Merck/Sigma/Equivalent 50mg  41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 50mg  42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 25g  43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 500ml  43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g  44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 1g  45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 1g  47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack  1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack  48 propen Molecular SRL/Merck/Sigma/Equivalent Min Pack  49 Chloroform Molecular SRL/Merck/Sigma/Equivalent 500ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	30	westpikochemolumicent	Molecular		
33 RNA solution Molecular SRL/Merck/Sigma/Equivalent 100ml 34 DNase I Molecular SRL/Merck/Sigma/Equivalent 5000U 35 Reverse trancriptase Molecular SRL/Merck/Sigma/Equivalent Min Pack 36 dNTP Molecular SRL/Merck/Sigma/Equivalent Min Pack 37 Primer Molecular SRL/Merck/Sigma/Equivalent Min Pack 38 RNase inhibitor Molecular SRL/Merck/Sigma/Equivalent 1000U Taq polymerase (dNTP mix) Molecular SRL/Merck/Sigma/Equivalent Min Pack 40 Mobs Molecular SRL/Merck/Sigma/Equivalent 50mg 41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 50mg 42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 500ml 43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g 44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g 45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 1g 46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g 47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack 48 propen Molecular SRL/Merck/Sigma/Equivalent Min Pack 49 Chloroform Molecular SRL/Merck/Sigma/Equivalent Min Pack 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	31	Developer & fixer	Molecular	SRL/Merck/Sigma/Equivalent	500ml
34 DNase I Molecular SRL/Merck/Sigma/Equivalent 5000U 35 Reverse trancriptase Molecular SRL/Merck/Sigma/Equivalent Min Pack 36 dNTP Molecular SRL/Merck/Sigma/Equivalent Min Pack 37 Primer Molecular SRL/Merck/Sigma/Equivalent Min Pack 38 RNase inhibitor Molecular SRL/Merck/Sigma/Equivalent 1000U  Taq polymerase (dNTP mix) Molecular SRL/Merck/Sigma/Equivalent Min Pack 40 Mobs Molecular SRL/Merck/Sigma/Equivalent 25g 41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 500mg 42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 500ml 43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g 44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g 45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 1g 46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g 47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack 48 propen Molecular SRL/Merck/Sigma/Equivalent Min Pack 49 Chloroform Molecular SRL/Merck/Sigma/Equivalent Min Pack 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	32	RNA isolation kit	Molecular	SRL/Merck/Sigma/Equivalent	25 Ex.
35   Reverse trancriptase   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack	33	RNA solution	Molecular	SRL/Merck/Sigma/Equivalent	100ml
36 dNTP Molecular SRL/Merck/Sigma/Equivalent Min Pack 37 Primer Molecular SRL/Merck/Sigma/Equivalent Min Pack 38 RNase inhibitor Molecular SRL/Merck/Sigma/Equivalent 1000U  Taq polymerase (dNTP SRL/Merck/Sigma/Equivalent Min Pack 39 mix) Molecular SRL/Merck/Sigma/Equivalent Min Pack 40 Mobs Molecular SRL/Merck/Sigma/Equivalent 50mg 41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 500ml 42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 500ml 43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g 44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g 45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 100g 46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g 47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack 1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack 48 propen Molecular SRL/Merck/Sigma/Equivalent Min Pack 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide SRL/Merck/Sigma/Equivalent 500ml	34	DNase I	Molecular	SRL/Merck/Sigma/Equivalent	5000U
37 Primer   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack	35	Reverse trancriptase	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
SRL/Merck/Sigma/Equivalent   1000U   Faq polymerase (dNTP mix)   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack   Molecular   SRL/Merck/Sigma/Equivalent   25g   Molecular   SRL/Merck/Sigma/Equivalent   25g   Molecular   SRL/Merck/Sigma/Equivalent   50mg   41   100 bp DNA ladder   Molecular   SRL/Merck/Sigma/Equivalent   500ml   42   Isopropanol   Molecular   SRL/Merck/Sigma/Equivalent   25g   Molecular   SRL/Merck/Sigma/Equivalent   25g   44   Xylene cyanol FF   Molecular   SRL/Merck/Sigma/Equivalent   25g   45   Boric acid   Molecular   SRL/Merck/Sigma/Equivalent   1g   47   Tri reagent   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack   1-bromo 2-chloro   SRL/Merck/Sigma/Equivalent   Min Pack   48   propen   Molecular   SRL/Merck/Sigma/Equivalent   Min Pack   49   Chloroform   Molecular   SRL/Merck/Sigma/Equivalent   500ml   50   DEPC   water   Molecular   SRL/Merck/Sigma/Equivalent   100ml   51   DNase buffer   Molecular   SRL/Merck/Sigma/Equivalent   100ml   52   Sodium acetate   Molecular   SRL/Merck/Sigma/Equivalent   500g   53   Formaldehyde   Molecular   SRL/Merck/Sigma/Equivalent   500ml   54   Formamide   Molecular   SRL/Merck/Sigma/Equivalent   500ml   55   Formamide   Molecular   SRL/Merck/Sigma/Equivalent   500ml	36	dNTP	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
Taq polymerase (dNTP amix)  Molecular  SRL/Merck/Sigma/Equivalent  Min Pack  Molecular  SRL/Merck/Sigma/Equivalent  SRL/Merck/Sigma/Equivalent  SOmg  41 100 bp DNA ladder  Molecular  SRL/Merck/Sigma/Equivalent  Min Pack  SRL/Merck/Sigma/Equivalent  Min Pack  SRL/Merck/Sigma/Equivalent  Min Pack  SRL/Merck/Sigma/Equivalent  SRL/Merck/Sigma/Equivalent  Min Pack  SRL/Merck/Sigma/Equivalent	37	Primer	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
mix) Molecular SRL/Merck/Sigma/Equivalent 25g  41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 50mg  42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 500ml  43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g  44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g  45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 500g  46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g  47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack  1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack  48 propen Molecular SRL/Merck/Sigma/Equivalent 500ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g  53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	38	RNase inhibitor	Molecular	SRL/Merck/Sigma/Equivalent	1000U
40 Mobs Molecular SRL/Merck/Sigma/Equivalent 25g 41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 50mg 42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 500ml 43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g 44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g 45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 500g 46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g 47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack 1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack 48 propen Molecular SRL/Merck/Sigma/Equivalent 500ml 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml		Taq polymerase (dNTP		SRL/Merck/Sigma/Equivalent	Min Pack
41 100 bp DNA ladder Molecular SRL/Merck/Sigma/Equivalent 50mg  42 Isopropanol Molecular SRL/Merck/Sigma/Equivalent 500ml  43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g  44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g  45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 500g  46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g  47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack  1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack  48 propen Molecular SRL/Merck/Sigma/Equivalent 500ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g  53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	39	mix)	Molecular		
Sopropanol   Molecular   SRL/Merck/Sigma/Equivalent   500ml	40	Mobs	Molecular	SRL/Merck/Sigma/Equivalent	25g
43 Ficoll 400 Molecular SRL/Merck/Sigma/Equivalent 25g  44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g  45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 500g  46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g  47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack  1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack  48 propen Molecular SRL/Merck/Sigma/Equivalent Min Pack  49 Chloroform Molecular SRL/Merck/Sigma/Equivalent 500ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g  53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	41	100 bp DNA ladder	Molecular	SRL/Merck/Sigma/Equivalent	50mg
44 Xylene cyanol FF Molecular SRL/Merck/Sigma/Equivalent 25g 45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 500g 46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g 47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack 1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack 48 propen Molecular SRL/Merck/Sigma/Equivalent Min Pack 49 Chloroform Molecular SRL/Merck/Sigma/Equivalent 500ml 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	42	Isopropanol	Molecular	SRL/Merck/Sigma/Equivalent	500ml
45 Boric acid Molecular SRL/Merck/Sigma/Equivalent 500g  46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g  47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack  1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack  48 propen Molecular SRL/Merck/Sigma/Equivalent 500ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g  53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	43	Ficoll 400	Molecular	SRL/Merck/Sigma/Equivalent	25g
46 EtBr Molecular SRL/Merck/Sigma/Equivalent 1g  47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack  1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack  48 propen Molecular SRL/Merck/Sigma/Equivalent 500ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g  53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	44	Xylene cyanol FF	Molecular	SRL/Merck/Sigma/Equivalent	25g
47 Tri reagent Molecular SRL/Merck/Sigma/Equivalent Min Pack  1-bromo 2-chloro SRL/Merck/Sigma/Equivalent Min Pack  48 propen Molecular SRL/Merck/Sigma/Equivalent 500ml  49 Chloroform Molecular SRL/Merck/Sigma/Equivalent 100ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g  53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	45	Boric acid	Molecular	SRL/Merck/Sigma/Equivalent	500g
1-bromo 2-chloro  8RL/Merck/Sigma/Equivalent Min Pack  48 propen  Molecular  49 Chloroform  Molecular  8RL/Merck/Sigma/Equivalent 500ml  50 DEPC water  Molecular  8RL/Merck/Sigma/Equivalent 100ml  51 DNase buffer  Molecular  8RL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate  Molecular  8RL/Merck/Sigma/Equivalent 500g  53 Formaldehyde  Molecular  8RL/Merck/Sigma/Equivalent 500ml  54 Formamide  Molecular  8RL/Merck/Sigma/Equivalent 500ml	46	EtBr	Molecular	SRL/Merck/Sigma/Equivalent	1g
48 propen Molecular SRL/Merck/Sigma/Equivalent 500ml  49 Chloroform Molecular SRL/Merck/Sigma/Equivalent 500ml  50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml  51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml  52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g  53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml  54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	47	Tri reagent	Molecular	SRL/Merck/Sigma/Equivalent	Min Pack
49 Chloroform Molecular SRL/Merck/Sigma/Equivalent 500ml 50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml		1-bromo 2-chloro		SRL/Merck/Sigma/Equivalent	Min Pack
50 DEPC water Molecular SRL/Merck/Sigma/Equivalent 100ml 51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	48	propen	Molecular		
51 DNase buffer Molecular SRL/Merck/Sigma/Equivalent 100ml 52 Sodium acetate Molecular SRL/Merck/Sigma/Equivalent 500g 53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	49	Chloroform	Molecular	SRL/Merck/Sigma/Equivalent	500ml
52Sodium acetateMolecularSRL/Merck/Sigma/Equivalent500g53FormaldehydeMolecularSRL/Merck/Sigma/Equivalent500ml54FormamideMolecularSRL/Merck/Sigma/Equivalent500ml	50	DEPC water	Molecular	SRL/Merck/Sigma/Equivalent	100ml
53 Formaldehyde Molecular SRL/Merck/Sigma/Equivalent 500ml 54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	51	DNase buffer	Molecular	SRL/Merck/Sigma/Equivalent	100ml
54 Formamide Molecular SRL/Merck/Sigma/Equivalent 500ml	52	Sodium acetate	Molecular	SRL/Merck/Sigma/Equivalent	500g
	53	Formaldehyde	Molecular	SRL/Merck/Sigma/Equivalent	500ml
55 Agarose Molecular SRL/Merck/Sigma/Equivalent 25g	54	Formamide	Molecular	SRL/Merck/Sigma/Equivalent	500ml
	55	Agarose	Molecular	SRL/Merck/Sigma/Equivalent	25g
56 Acrylamide Molecular SRL/Merck/Sigma/Equivalent 100g	56	Acrylamide	Molecular	SRL/Merck/Sigma/Equivalent	100g

57	Bis-acrylamide	Molecular	SRL/Merck/Sigma/Equivalent	100g		
58	Tris base	Molecular	SRL/Merck/Sigma/Equivalent	100g		
59	Tris HCL	Molecular	SRL/Merck/Sigma/Equivalent	500g		
60	APS	Molecular	SRL/Merck/Sigma/Equivalent	100g		
61	MTT	Molecular	SRL/Merck/Sigma/Equivalent	100mg		
62	Anti AMPA primary Ab	Molecular	Santa Cruz/Equivalent	Min Pack		
63	HRB secondary Ab	Molecular	Santa Cruz/Equivalent	Min Pack		
	Glutamate/glutamine		Himedia/Sigma/Equivalent	100R		
64	determination kit	Molecular				
65	NO assay kit	Molecular	Himedia/Sigma/Equivalent	200R		
66	cGMP assay kit	Molecular	Himedia/Sigma/Equivalent	Min Pack		
	Guanylate cyclase		Himedia/Sigma/Equivalent	Min Pack		
67	activity assay kit	Molecular				
	Whatman Filter Paper			1Pkt		
68	No. 1	Molecular	Whatman/Equivalent			

Name of the Tenderer:	 	 
Seal and Signature of Tenderer:	 	 
Date:	 	 
Name of the Firm/Company:	 	 