



ज्वार अनुसंधान निदेशालय  
**DIRECTORATE OF SORGHUM RESEARCH**  
(भारतीय कृषि अनुसंधान परिषद/Indian Council of Agricultural  
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F.NO. NAIP/70/14-15/ST

Date: 05-05-2014

INVITATION FOR QUOTATIONS FOR SUPPLY OF GOODS AND EQUIPMENT UNDER  
NATIONAL SHOPPING PROCEDURES

To

M/s. \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Dear Sirs,

Sub:- **Invitation of quotation for supply of Chemicals & Glassware**

1. Sealed competitive quotations are invited by the undersigned for the following items of goods/equipment.

Sl. No.	Brief Description of Goods / Equipment	Brief	Quantity Specifications	Delivery Period	Place of Delivery
1.	(Enclosed)				
2.					
3.					
4.					
5.					
6.					

\* Where ISI certification marked goods are available in market, procurement should generally be limited to goods with those or equivalent marking only.

2. Quoted Price:

- (a) The bidder shall quote for items in the format of quotation attached;  
@ **Note: Format to be used when evaluation is to be done for all the items put together.**
- (b) All duties, taxes and other levies payable by the bidder (other than sales tax on the finished goods) shall be included in the item rate. Sales tax if any should be quoted separately.
- (c) The rate quoted for each item shall be fixed for the duration of the contract and shall not be subject to adjustment.

- (d) Rates or partial quantity of an item is not acceptable.
  - (e) Corrections if any shall be made by crossing out, initialing, dating and rewriting.
  - (f) Relex or Facsimile quotations are not acceptable.
3. Each bidder must submit only one quotation.
4. Validity of quotations:
- The quotation shall remain valid for a period not less than 45 days after the deadline fixed for submission of quotations.
5. Evaluation of quotations:
- The Purchaser will evaluate and compare the quotations determined to be substantially responsive i.e., which are properly signed, and conform to the terms and conditions and specifications in the following manner.
- (a) The evaluation will be done excluding the sales tax. If the bidder has included the sales tax in his quotation for the item rate, it will be treated as though it is exclusive of the sales tax and no down loading of sales tax will be made.
  - (b) The evaluation would be done for all the items put together. The items for which no rates have been quoted would be treated as zero and the total amount would be computed accordingly. The bidder who has quoted for partial quantity of any one or more item(s) would be treated as non-responsive. Purchaser will award the contract to the responsive bidder whose total cost for all the items put together is the lowest.
6. Award of Contract:
- (a) The Purchaser will award the contract to the bidder whose quotation has been determined to be substantially responsive and who has offered the lowest price as per para 6(b) above.
  - (b) The Purchaser reserves the right at the time of contract award to increase or decrease the quantities of items indicated in para 2 above by 25% without any change in the unit price or any other terms and conditions.
  - (c) The Purchaser prior to the expiration of the quotation validity period will notify the bidder whose quotation is accepted for the award of contract. The terms of the accepted offer shall be incorporated in the Purchase order.
  - (d) Normal commercial warranty / guarantee shall be applicable to the supplied goods.
  - (e) Payment shall be made immediately after the delivery of the goods and their acceptance.
  - (f) Notwithstanding the above, the Purchaser reserves the right to accept or reject any quotations and to cancel the bidding process and reject all quotations at any time prior to the award of the contract.

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7. Last date and time of receipt of quotations:  
You are requested to submit the sealed quotations superscribed on the envelope as  
Quotations for the supply of **Consumables** due on **17/05/2014** latest by **4:00 PM**  
hours on **17/05/2014** (date).

We look forward to receiving your quotations and thank you for your interest in this project.

Yours sincerely,

**(Purchaser)**

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Telephone No: \_\_\_\_\_

Fax No. \_\_\_\_\_

Annexure 3 to Chapter VII

**FORMAT OF QUOTATION**

Sl. No.	Brief Description of goods / Equipment	Brief Specifications	Quantity	Unit	Unit Rate (Rs.) in figures	Unit Rate (Rs.) in Words	Total Amount in Figures	Total Amount in words
1.								
2.								
3.								
4.								
5.								
6.								

(Gross Total cost Rs. \_\_\_\_\_ (in figures)

Rs. \_\_\_\_\_ (in words)

We agree to supply the above goods in accordance with the technical specifications for a total contract price of Rs. \_\_\_\_\_ (in figures) (Rs. \_\_\_\_\_ (in words within the period specified in the Invitation for Quotations.

We also confirm that the normal commercial warranty / quarantee \_\_\_\_\_ of months shall apply to the offered goods.

(Bidder)

Name: \_\_\_\_\_

Signature: \_\_\_\_\_

Date: \_\_\_\_\_

## List of chemicals/Glassware items

S. No	Chemicals	Standard packing
1	Agarose for gel electrophoresis (Gelling temperature (1.5%) 34.5°C-37.5°C, gel strength(1%): $\geq 1200\text{g/cm}^2$ )	500 g
2	Agarose for fine separation and resolution of small nucleic acids ( Melting temperature (3%) $\leq 75^\circ\text{c}$ , Gelling temperature (3%) $\leq 35^\circ\text{c}$ , Gel strength (3%) $\geq 300\text{ g/cm}^2$ )	500 g
3	Ethylene Diamine Tetraacetic Acid (EDTA)disodiumsalt,dihydrate (Molecular Biology grade)	500 g
4	Tris Base (Molecular Biology grade)	500 g
5	0.5M Ethylene Diamine Tetraacetic Acid (EDTA) pH-8.0 (Molecular Biology grade)	500 ml
6	Cetyl Trimethyl Ammonium Bromide (CTAB )(High Purity Grade) for DNA extraction	500 gm
7	Iso amyl alcohol (Extrapure, Analytical Grade) for DNA extraction	500 ml
8	Chloroform (Extrapure, Analytical Grade) for DNA extraction	500 ml
9	Isopropanol (Extrapure, Analytical Grade) for DNA extraction	500 ml
10	Ethanol (Extrapure, Analytical Grade) for DNA extraction	500 ml
11	Formaldehyde (Extrapure Analytical Grade)	500 ml
12	10X Tris-EDTA(TE) buffer (Molecular Biology grade)	100 ml
13	Rnase A enzyme	10 mg
14	Polymerase Chain Reaction(PCR) Grade water	30 ml
15	Taq DNA polymerase enzyme (3units/ $\mu\text{l}$ )	500 $\mu\text{l}$
16	deoxy Nucleotide Triphosphates(dNTPs)mix (10mM-2.5 each of dATP,dGTP,DTTP,dTCP)	1 ml
17	DNA polymerase enzyme (5units/ $\mu\text{l}$ ) (capable of quickly and robustly amplifying up to 6kb genomic DNA targets with proof reading ability)	100 $\mu\text{l}$
18	DNA Polymerase enzyme (Thermostable polymerase which possesses a 3' to 5' exonuclease (proofreading) activity, allowing amplification of long DNA targets)	25 $\mu\text{l}$
19	1 Kilo basepair DNA Ladder (for sizing and approximate quantification of wide range dsDNA on Agarose gels)	5x50 $\mu\text{g}$
20	100 basepair DNA Ladder (for sizing and approximate quantification of wide range dsDNA on Agarose gels)	50 $\mu\text{g}$
21	50 base pair DNA Ladder (for sizing and approximate quantification of wide range dsDNA on Agarose gels)	50 $\mu\text{g}$
22	DNA loading dye (6x) (for loading samples on agarose gels)	(5x1ml)
23	PCR Cloning Kit	40 reactions
24	Gel Extraction Kit (for extraction of DNA fragments from agarose gels)	50 reactions
25	Luria Bertani Agar (MV Grade/vegetable based) suitable for culturing <i>E.coli</i>	500 mg

26	Luria Bertani Broth (MV Grade/vegetable based) suitable for culturing <i>E. coli</i>	500 mg
27	Plasmid Kit (for plamid extraction)	250 Reactions
28	Ready-to-use solution for eliminating RNase and DNA contamination from labware during RNA extraction	50 ml
29	Diethyl pyrocarborate(DEPC) (for Plant RNA extraction)	50 ml
30	Plant RNA extraction kit	50 Reactions
31	Reverse transcriptase enzyme (200units/ $\mu$ l)	10 $\mu$ l
32	Oligo(dt)20 (50 $\mu$ M) primer for cDNA synthesis	50 $\mu$ l
33	Master mix for Real Time PCR	5 ml
34	Xglc A cylohexylammonium salt	100 mg
35	Lamda DNA (0.34ug/ $\mu$ l)	400 $\mu$ g
36	X-gal (5-bromo-4-chloro-3-indolyl- $\beta$ -D-galactopyranoside)	1 g
37	Ampicillin sodium salt	5 g
38	Isopropyl $\beta$ -D-1-thiogalactopyranoside(IPTG)	1 g
39	50X Tris-acetate-EDTA(TAE) buffer (Molecular biology grade)	500 ml
	<b>Plastic /Glass wares and other consumables</b>	
39	Microcentrifuge tubes(MCT)-1.5ml (Polypropylene, ultra Clear, certified Dnase ,Rnase and pyrogen safe)	1000 tubes/pack
40	Microcentrifuge tubes(MCT)-2ml (Polypropylene, ultra Clear, certified Dnase ,Rnase and pyrogen safe)	1000 tubes/pack
41	Micro tips- 200 $\mu$ l (99.9% virgin polypropylene,certified Dnase ,Rnase and pyrogen safe, compatible with almost all brands of pipettes)	1000 tips/pack
42	Micro tips- 10 $\mu$ l (99.9% virgin polypropylene,certified Dnase ,Rnase and pyrogen safe, compatible with almost all brands of pipettes)	1000 tips/pack
43	Micro tips-1ml (99.9% virgin polypropylene,certified Dnase ,Rnase and pyrogen safe, compatible with almost all brands of pipettes)	1000 tips/pack
44	Polymerase Chain Reaction(PCR) tubes (0.2ml thin wall,clear flat cap)(99.9% virgin polypropylene,certified Dnase ,Rnase and endotoxin safe)	1000 tubes/pack
46	Polymerase Chain Reaction(PCR) 8-Strips , with caps (99.9% virgin polypropylene,certified Dnase, Rnase and endotoxin safe)	125 strips/pack
47	96-well Polymerase Chain Reaction(PCR)plates (99.9% virgin polypropylene,certified Dnase , Rnase and endotoxin safe)	20/pack
48	Autoclavable plastic Petri Plates Clear, transparent and unbreakable(Plastic ware, 90x15, polystyrene)	500/box
49	Laboratory media glass bottles -100ml (clear wide mouth polypropene blue screw cap and sporing ring)	1
50	Laboratory media glass bottles -250ml (clear wide mouth polypropene blue screw cap and sporing ring)	1
51	Laboratory media glass bottles -500ml (clear wide mouth polypropene blue screw cap and sporing ring)	1
52	Laboratory media glass bottles -1000ml (clear wide mouth polypropene blue screw cap and sporing ring)	1

53	Laboratory media glass bottles -2000ml (clear wide mouth polypropene blue screw cap and sporing ring)	1
54	Volumetric flasks (Glassware) 250ml (Erlenmeyer,conical ,longneck,without rim, borosil)	20/case
55	Volumetric flasks (Glassware) 500ml (Erlenmeyer,conical ,longneck,without rim, borosil)	2/pack
56	Syringes driven Filters- 0.22um pore size, max pressure-4.5bars, .22um pore size, max pressure 10bars(100% integrity tested,certified non pyrogenic and non cytotoxic)	50/box
57	Syringes (5ml)	50/box
58	Real Time Polymerase Chain Reaction plates (96 well ) compatible to AB Applied biosystems RT-PCR	20plates/pack
59	Parafilm 2"x 250' on 1" dia.core	1 roll
60	Plastic Double-Function centrifuge tube rack for 10-50ml	10
61	Microcentrifuge tubes Rack (36x for 1.5/2ml tubes)	10
62	96 well microtiter plates	10/pack
63	50ml centrifuge tubes (polypropylene, conical bottom tubes with caps, can with stand free upto 12000rcf)	500/pack
64	Nitrile Lab hand Gloves	50pairs/box
65	Labelling tapes (3/4" holdstightly to temperatures+120°F to -70°F, size 12.7m)	1 roll
66	Self Adhesive Tags white 0.94" x 0.5"	1 roll
67	Self Adhesive Spots white 3/8" diameter	1 roll
68	Self Adhesive Cryo -Tag White 1.5" x 0.75"	1 roll
69	Glass Beakers- 150ml (low form with spout, double graduated)	1
70	Glass Beakers- 250ml (low form with spout, double graduated)	1
71	Glass Beakers- 100ml (low form with spout, double graduated)	1
72	Plastic Beakers with handle - 2lit (translucent polypropylene beakers printed with graduations)	8/case
73	81-well Polymerase chain Reaction (PCR)tubes freezer storage racks	5/pack
74	Gel trays for electrophoresis with 20 well combs (compatible with maxwell-Scieplus electrophoresis unit)	
75	96well Polymerase Chain Reaction(PCR) tubes storage Racks	5/pack