

**06JAWAHARLAL INSTITUTE OF POST GRADUATE MEDICAL EDUCATION  
AND RESEARCH, PUDUCHERRY 605006**

No.5/13/30/2020/NCD -III/4

Dated:05-06-2024

To

Sir/ Madam,

Sub: JIPMER–Supply of Supply of kits, reagents, and miscellaneous Limited Tender Invited – Reg.

Please quote your lowest rate for supply of the **Consumable and Non – consumables** as per the list given overleaf/attached, subject to the following terms and conditions.

1. Only Registered Suppliers in JIPMER can participate in this Limited Tender
2. Rates should be quoted only for the items which are available in stock and can be supplied immediately on receipt of order.
3. Rates should be quoted inclusive of all Tax.
4. No insurance charges are payable as per the rules in the government. As such, the firms before quoting should take into consideration all the risks in the transit and then furnish Limited Tender which should cover insurance charges also. If any point is raised as regards insurance charges after orders are issued, the same will not be entertained and the firms thereafter should effect the supply at their own cost.
5. Rates should be quoted F.O.R. Puducherry, Extra packing; forwarding charges etc. should not be quoted.
6. Delivery is required urgently. Tenders should please state the guarantee delivery period they can offer. As delivery date is essence of the contract, this should be strictly adhered to by the successful tenders.
7. No supply which is not according to the specifications and not meeting our requirement will be accepted.
8. The Director shall have the right of rejecting the Limited Tender in whole or part without assigning any reason therefore.
9. In case of high precision instruments, the firms should give a guarantee certificate for their satisfactory performances.
10. Limited Tender should be sent only by Certificate of Posting. Hand Quotations are not accepted.
11. Limited tender quotation should be in the name of “The Director, JIPMER” and sent to the **postal address: Dr. Biswajit Dubashi, Professor, Department of Medical Oncology, III Floor, Super Specialty Block, JIPMER, Dhanvantri Nagar, Puducherry-605006, India.**

Please furnish your limited tender in a sealed cover super scribing as:

Limited Tender for **Consumable and Non – consumables.**

**Department of Medical Oncology**


**Due Date:**

Limited tender quotations should reach this office **on or before 01-07-2024 by 4.00 PM**

Limited Tender received after the due date will be summarily rejected.

Yours faithfully,

**Signature of Principal Investigator**

  
Dr. BISWAJIT D, M.D., D.M.  
Reg. No. 67940  
Professor  
Dept. of Medical Oncology  
JIPMER, Puducherry-6

**For DIRECTOR**

Dated: 05-06-2024

Annexure I:

S.No.	Requirements	Specifications (if any)	Cat No.	Quantity	Remarks
1	RNA extraction kit for microbiome study from gastric tissue	RNeasy PowerMicrobiome Kit	Cat.No./ ID: 26000-50-2	6 kits	1 kit - 50 rxns
2	High-Capacity cDNA Reverse Transcription Kit	Thermo Fisher	Cat. No. / ID: 4368814	2 kits	1 kit - 200 rxns
3	Microcentrifuge tubes - 1.5ml	Eppendorf / Tarsons / Merck		2500 tubes	Preferably in packs of 500 tubes
4	Microcentrifuge tubes - 2 ml	Eppendorf / Tarsons / Merck		2500 tubes	Preferably in packs of 500 tubes
5	0.2ml qPCR 96 Well Plate (Semi Skirted) 50/box	Gunster/ Thermo Fisher		50/box	
6	RNase/ DNase free sealing tape for 96-well plate			50no.	
7	dsDNA HS assay kit	Thermo Fisher	Q32851	3 kits	1 kit - 100 assays
8	dsDNA HS assay kit	Thermo Fisher	Q32854	2 kits	1 kit - 500 assays
9	TaqMan™ Real-Time PCR Master Mix	Thermo Fisher			
10	Mini centrifuge (Minispin)	Tarsons/Borosil		1no.	
11	Tissue lyser III/Tissue lyser II	Qiagen		1no.	
12	Manual Micropipette (1- 10 uL)	Thermo Fisher / Rainin/Eppendorf		1no.	
13	Micropipette tips (1- 10ul)	Tarsons / Eppendorf/ Merck		1 pack	1 pack - 500 tips
14	Sterile Nitrile gloves (S)			4 packs	1 pack - 50 pairs
15	Ethanol (Mol.grade)	Himedia/Sigma/Merck		500ml	

## H. pylori virulent gene


Virulence Factor	Category	Sequence (5' → 3')
<b>vacA s1</b>	Forward primer (F)	ACACCGCAAATCAATCGCC
	Reverse primer (R)	CCCCAACAATGGCTGGAATG
	Probe 1 (P1)	HEX-GCATCACACCGCAACAAAGT-BHQ2
	Probe 2 (P2)	HEX-GCGCCATACCGCAAGAGAGT-BHQ2
<b>vacA m1</b>	Forward primer (F)	ATCAATTATTTGGTCCGAGGC
	Reverse primer (R)	GCTGTTAATCTTCATGAGCGGT
	Probe 1 (P1)	FAM-GATAGCGCGACTGGGTTTTTA-BHQ1
	Probe 2 (P2)	FAM-GACAGCGCGACCGGATTTTA-BHQ1
<b>cagA</b>	Forward primer (F)	GTGCCTGCTAGTTTGTCAGC
	Reverse primer (R)	ACGAGCTTAAGCCACTCAGG
	Probe 1 (P1)	Texas Red-GCTATTAACAGCCACACACGC-Dabcyl
<b>babA2</b>	Forward primer (F)	GAAATCCCTAATACTAAATCC
	Reverse primer (R)	GTAAAAGCCGTCGTCCTCAGC
	Probe 1 (P1)	CY5-GGAGAAAAACATGAAAAACA-BHQ3
	Probe 2 (P2)	CY5-GGGGAGAAAACATGAAAAACA-BHQ3
<b>glmM</b>	Forward primer (F)	GCTCTCACTTCCATAGGCTATAATG
	Reverse primer (R)	GCGCATGTCTTCGGTTAAAA
	Probe 1 (P1)	FAM-TAGGGCCTATGCCTACCCCTGCGA-HBQ1 <sup>a</sup>
	Probe 2 (P2)	FAM-TAGGGCCTATGCCACCCCTGC-HBQ1

## Primers for 10 bacteria

Sl. No	Type	Name of Bacteria	Forward sequence	Reverse sequence	References
1	CA-AB	<i>Parvimonas micra</i>	5'- GTCACTACGGAAG AATTTGTC-3'	3'- GGCTTGAGCGA TAATAACTTC-5'	1
2		<i>Lactobacillus amylovorus</i> (Tlr4)	5'- CCATGGCCTTTCTC TCCTG-3'	3'- TCAGCTCCATGC ATTGGTAA-5'	2
3		<i>E.coli</i>	5'- CAACGAACTGAAC TGGCAGA-3'	3'-CAT TACGCTGCGAT GGAT-5'	3
4		<i>Lactobacillus crispatus</i>	5'- TCTTGACATCTAGT GCCATTTGT-3'	5'- TGCACCACCTGT CTTAGC-3'	4
5		<i>Prevotella intermedia</i>	5'- TCCACCGATGAATC TTTGGTC -3'	3'- ATCCAACCTTCC CTCCACTC-5'	5
6	GS-AB	<i>Edwardsiella piscicida</i>	5'- CTTTGATCATGGTT GCGGAA-3'	5'- CGGCGTTTTCTT TTCTCG-3'	6
7		<i>Yersinia enterocolitica</i> (foxA)	5'- CATCCCTGGTGGTG TAGTA-3',	5'-GTTCAG ATATCGCATCG GTATAA-3',	7
8		<i>Helicobacter pylori</i> 23S rRNA	5'- TCAGTGAAATTGTA GTGGAGGTGAAA- 3'	5'- CAGTGCTAAGT TGTAGTAAAGG TCCA-3'	8
9		<i>Streptococcus mitis</i>	TTTTGTCATCTAGC CTTGC	GCAGTCATATC ATCACCTTC	9
10		<i>Prevotella melaninogenica</i>	GTGGGATAACCTG CCGAAAG	CCCATCCATTAC CGATAAATCTTT A	10

**Note:**

1. Make and catalogue Number should be mentioned otherwise the product shall be rejected.
2. All the above-mentioned kit is used for research purpose. GST 5% (DSIR Certificate for research ) will be applicable for all the products.
3. Kit and reagent should be supplied with an expiry date between 12-24 months from the date of Supply (If supply received less than 12-24 months, it will lead to Rejection).

  
Dr. BISWAJIT, D., M.D., D.M.,  
Reg. No: 67940  
Professor  
Dept. of Medical Oncology  
JIPMER, Puducherry-6

**Signature of Principal Investigator**

Principal Investigator (5/13/30/2020/NCD-III/4)  
Professor,  
Medical Oncology