All-India Institute of Medical Sciences
Ansari Nagar, New Delhi-29
(RESEARCH SECTION)

Ref. No. 45/Prop/ENT/CAS/18-19/RS

Dated: 23.02.2018

Subject: Procurement of RNAscope2.5 HD ReagentKit-BROWN and RNAscope-HPV-HR18 on proprietary basis- Inviting comments thereon.

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The request has been received from **Dr.Chirom Amit Singh, Associate Professor, ENT, AIIMS** to purchase the subject item from ***M/s.Premas Life Sciences Pvt. Ltd. (Mfg.M/s.BioTechne India Pvt.Ltd.)*** on proprietary basis. The proposal submitted by ***M/s.Premas Life Sciences Pvt. Ltd.*** and Performa Invoice and Departmental PAC certifications are attached.

The above documents are being uploaded for open information to submit objections, commets, if any, from any manufacturer regarding proprietary nature of the equipment/item within issue of 15 days giving reference **No. 45/Prop/ENT/CAS/18-19/RS.** The comments should be received by office of Stores Officer (RS), Research Section at AIIMS on or before **09/03/2019 upto 12:00 p.m.,** failing which it will be presumed that any other vendor is having no comment to offer and case will be decided on merits.

STORES OFFICER (RS)

Encl: Related documents enclosed.
1. PAC Certificate enclosed.
2. Performa Invoice

ALL INDIA INSTITUTE OF MEDICAL SCIENCES
ANSARI NAGAR, NEW DELHI – 110029

PROPRIETARY/SPECIFIC BRAND GOOD CERTIFICATE

1.	Item/Type/Model no. required alongwith specification	**RNAscope2.5 HDReagentKit-BROWN and RNAscope-HPV-HR18**
2.	Is the item a spare part/attachment or accessory for an existing equipment	No
3.	Name of the manufactures/supplier of the item proposed by the indentor	**M/s Premas Life Sciences Pvt Ltd**
4.	Are they sole manufacture/sole distributors of the item	**Yes**
5.	It there any other item with similar/equivalent specification available in the market to meet the job requirement envisaged. If the answer is yes, way the same can't be procured. Demanding officer should bring out comparative functional advantages/cost effectiveness of the recommended item form these offered by other	**No**
6.	What were the efforts make to locate alternative source of supply or use other substitutes.	
7.	Why open/limited tender can't be resorted to for locating alternative source	Proprietary based item, only manufactured by **M/s Bio Techne India Pvt Ltd**
8.	Are the proprietary item certify that the rates are reasonable or not	Yes
9.	Any other justification for procuring item from single source.	**M/s M/s Bio Techne India Pvt Ltd,** is the sole manufacturer company **and M/s Premas Life Sciences Pvt Ltd** is Authorised Dealer.

We certify that the item at sr. no. 1 above is required to be procured on single tender basis as the source of the supply is definitely known/ the specified brand proposed was advantage in meeting our functional requirements and limited tender system could be dispensed with as they would serve no useful purpose in this particular case.

Dr. Chirom Amit Singh
Chief PI & Associate Professor

Dr. Aanchal Kakkar

Dr. Kapil Sikka

Dr. Shuchita Singh Pachaury

premas

Premas Life Sciences Pvt. Ltd.
E49/5, IInd Floor
Okhla Phase II, Okhla Industrial
Area,New Delhi,110020,India
CIN: U51909DL2011PTC217592
GSTIN No.:07AAGCP0079F1ZI

Prepared for:
Dr. Chirom Amit Singh,
Associate Professor, ENT Department
All India Institute of Medical Sciences
Ansari Nagar, New Delhi,DL,110029,INDIA
Hereinafter referred to as "AIIMS"

डा. सुचिता सिंह पचौरी
Dr. SHUCHITA SINGH PACHAURY
सहायक आचार्य/Assistant Professor
कान, नाक, गला एवं शिर-गल सर्जरी विभाग
Dept. of Otorhinolaryngology &Head-Neck Surgery
अ.भा.आ.सं., नई दिल्ली/A.I.I.M.S., New Delhi-110029

डा. कपिल सिक्का/Dr. KAPIL SIKKA
सह-आचार्य/Associate Professor
कान, नाक, गला एवं शिर-गल सर्जरी विभाग
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Quotation Number:	SQPLS/18-19/0300
Quotation Date:	February 12, 2019
Expiration Date:	March 14, 2019
Prepared By:	Satinder Pratap
Phone Number:	9810877313
Email:	cs@premaslifesciences.com

II. PRODUCT & PRICING INFORMATION

Catalog #	Product Description	Unit Price (INR)	Disc. Customer Price	Qty.	Transaction value (INR)	HSN/SAC Code	GST %	GST Amount
322310	**RNAscope®2.5 HDReagentKit-BROWN** The RNAscope® 2.5 High Definition(HD)- BROWN Assay, is based on ACD's patented signal amplification and background suppression technology. The 2.5 HD version is a high sensitive RNA ISH method and can be used for low expressing gene targets.The chromogen diaminobenzidine (DAB) used in the assay is standard in molecular pathology and suitable for a wide range of sample types as well as readily visible under a standard brightfield microscope. Each RNAscope® 2.5 HD Reagent Kit-BROWN provides enough reagents to stain ~20 tissue sections, each with an area of approximately 20 mm x 20 mm (0.75in x 0.75in). Each kit contains three sub-kits: RNAscope 2.5 HD Detection Reagents (BROWN) (Cat# 322310), RNAscope® 2.5 Pretreat Reagents-H202 and Protease Plus (Cat#322330), RNAscope Target Retrieval (Cat#322000) and RNAscope Wash Buffer (Cat#310091).	116,480.00	99,008.00	1	99,008.00	38220090	12.00	11,880.96
312591	**RNAscope®Probe -HPV-HR16** HPV 16,18,26,31,33,35,39,45,51,52,53,56,58,59,66,68,73 and 82. E6/E7 mRNA	116,480.00	99,008.00	1	99,008.00	38220090	12.00	11,880.96
							Net Value	198,016.00
							GST Amount	23,761.92
							Total	221,777.92

Terms & Conditions:

1. Prices Given FOR basis.
2. Delivery within 6 to 8 weeks from date of purchase order.
3. Payment - 100% advance in favour of "Premas Life Sciences Pvt. Ltd."
4. GST will be applicable as per govt rule at the time of invoicing.
5. Order should be issued in favour of Premas Life Sciences Pvt. Ltd., E-49/5, 2nd Floor, Okhla Industrial Area Phase 2, New Delhi-110020 or for Value Rs. 30,000.00/-
6. Dry ice and delivery charges @Rs.3500.00 will be charged extra per shipment if all ordered are for Value Rs. 30,000.00/-
7. Road Permit/E-Way Bill should be provided for dispatch of material, if any applicable.

Dr. Aanchal Kakkar
Assistant Professor
Department of Pathology
AIIMS, New Delhi

डा. चिरोम अमित सिंह/Dr. CHIROM AMIT SINGH
सह-आचार्य/Associate Professor & Faculty Incharge Dept. Store
कान, नाक, गला एवं शिर-गल सर्जरी विभाग
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Premas Life Sciences Pvt. Ltd.
E49/5, IInd Floor
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Area,New Delhi,110020,India
CIN: U51909DL2011PTC217592
GSTIN No.:07AAGCP0079F1ZI

8. Above products are for research use only.
9.GST No. is mandatory to mention in purchase order copy.
10. Please share PO on cs@premaslifesciences.com.
11. Above quoted price are as per the current exchange rate, in case the exchanger rate will increase beyond 5%, the same will be charged extra.
12. If customer has DSIR certificate the IGST will be applicable @5% as per notificaton 45/2017 date 14.11.17. Customer has to provide the DSIR along with confirmed PO

For Premas Life Sciences Pvt. Ltd.

डा. कपिल सिक्का/Dr. KAPIL SIKKA
सह-आचार्य/Associate Professor
कान, नाक, गला एवं शिर-गल सर्जरी विभाग
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Dr. SHUCHITA SINGH PACHAURY
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Dr. Aanchal Kakkar
Assistant Professor
Department of Pathology
AIIMS, New Delhi

bio-techne
CIN: U51909MH2017FTC302647

BIO TECHNE INDIA PVT LTD
1206, Lodha Supremus, Senapati Bapat Marg,
Lower Parel (W) Mumbai 400013.
Tel: 022 4233 1800 FAX: 022 4233 1849.

1st January 2019

TO WHOMSOVER IT MAY CONCERN

Bio-Techne is the parent organization for R&D Systems, Novus Biologicals, Tocris, ProteinSimple and Advanced Cell Diagnostics.

Advanced Cell Diagnostics (ACD) revolutionized the RNA *in situ* hybridization method and in 2011 introduced RNAscope® ISH for detection of target RNA within intact cells. The assay represents a major advance in RNA ISH approaches, with its proprietary probe design that simultaneously amplify target-specific signals and suppress background noise from non-specific hybridization. Known for its sensitivity and specificity, RNAscope® ISH is now a proven technology that has been featured in over 850 publications across a multitude of research areas.

This is to state that **Premas Life Sciences Pvt Ltd.** E - 49/5, IInd Floor, Okhla Phase II | New *Delhi - 110020* , is the Authorised and Exclusive distributor for Advanced Cell Diagnostics Products from Bio-Techne for North and East India. We do not have any other Distributor for these products in this region.

Further, the undersigned can be contacted for any further clarification that you may have regarding this.

Thanks and Sincere Regards,

(Madhujit Damle)
Commercial Sales Director
Bio-Techne India
Email: madhujit.damle@bio-techne.com
Mobile: +91-7738075153

Email: [illegible] Web: [illegible]

premas

Premas Life Sciences Pvt. Ltd.
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Area,New Delhi,110020,India
CIN: U51909DL2011PTC217592
GSTIN No. 07AAGCP0079F1Z1

Dated: Jan 14, 2019

The Director,
AIIMS, Ansari Nagar,
New Delhi -110029

Sub: Price Reasonability Certificate

CERTIFICATE

Dear Sir / Madam,

This is in reference to above cited our Quote no. SQPLS/18-19/0251, Dated: 8th Jan, 2019 for ACD Biosciences Reagents.

We hereby, certify that the price quoted in our quotation is not excess of the price quoted in India to any other customer.

For Premas Life Sciences Pvt. Ltd.

Authorized Signature

Regd. Office: E-49/5, Second Floor, Okhla Phase II, New Delhi-110020
[illegible] GSTIN: 07AAGCP0079F1Z1

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RNAscope® 2.5 Reagent Kits – Differentiating Features

Advanced Cell Diagnostics is the sole manufacturer for RNAscope® 2.5 Products. HybEZ™ oven and its components, is a hybridization system designed and developed for RNAscope technology. Advanced Cell Diagnostics is the sole seller of the HybEZ™ System.

Product Description

RNAscope® 2.5 is a novel proprietary RNA in situ hybridization (ISH) method that enables routine detection and visualization of virtually any expressed gene in any tissue such as FFPE, Fresh frozen and fixed-frozen tissue.

Technology Overview

RNAscope 2.5 was designed to amplify target-specific signal without also amplifying the background signal, resulting in marked improvement in signal-to-noise ratio. This is accomplished by ACD's patented double Z-probe design for in situ hybridization, where two independent probes (a double Z probe pair) are required to hybridize in tandem to the target sequence in order for signal amplification to occur. Since it is highly unlikely that two independent probes will hybridize to a nonspecific target right next to each other, this design concept ensures highly selective amplification of target-specific signals, therefore improving both sensitivity and specificity.
A Preamplifier (Preamp) molecule hybridizes to each double Z probe pair, and then multiple Amplifier (AMP) molecules hybridize to each Preamp. Finally, multiple HRP-labeled Label

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Probes hybridized to each AMP. DAB substrate is added for colorimetric detection of target RNA. Fluorescent- or AP-labeled Label Probes can also be used for fluorescent or Fast Red detection of target RNA.

- Based on its patented probe design, RNAscope enables as much as 400-fold improvement over conventional RNA ISH, resulting in high detection sensitivity.
- Technology enables in situ detection of RNA molecules as small as 300bp, including degraded mRNA.
- ISH nature enables preservation of cellular and molecular context

RNAscope® 2.5 Kit Configuration

RNAscope® 2.5 Reagent Kits offer easy single-plex, multiplex, and automated detection of virtually any target RNA in situ using formalin-fixed paraffin-embedded tissue sections on slides. The assay format uses common reagents and protocols to provide universal assay conditions for different target genes. All kits contain reagents in a convenient ready-to-use (RTU) format. RNAscope 2.5 Reagent Kits are designed for use with the HybEZ™ oven to provide the best manual assay performance with RNAscope. The HybEZ Hybridization System is recommended for routine performance of all Manual RNAscope 2.5 FFPE Assays.
Each kit includes all of the necessary assay reagents for in situ hybridization (except target probe) and contains reagents in a convenient ready-to-use (RTU) format for staining 20 slides. Each unit provides enough RNAscope 2.5 in situ hybridization reagents for staining 20 slides, based on standard size tissue sections on the slide covering around ¾"x¾" area. The RNAscope 2.5 Reagent Kits contains the detection kit, pretreatment kit, wash buffer and user documentation.
RNAscope® Target Probes are gene-specific probes available for nearly every gene in the human transcriptome.

RNAscope® 2.5 Key Differentiating Features

- 2-week turnaround for ANY gene, ANY species, ANY tissue
- Manual and fully automated assays with single day TAT
- Over 11,000 catalog probes and growing
- Chromogenic or fluorescent assay readout
- Simultaneous multiplexing for ANY gene combination

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RNAscope 2.5 products are covered by the following issued patents:

US Patent No. 7,709,198; 8,604,182; 8,658,361
EP Patent No. 2450893

RNAscope® Technology Publications

Find an updated list of all RNAscope publications on our website at
http://www.acdbio.com/technology/scientific-resources

Wang, F. et al. RNAscope: A Novel In Situ RNA Analysis Platform for Formalin-Fixed Paraffin-Embedded Tissues. • Journal of Molecular Diagnostics January, 2012 • 14(1):22-29. Dx.doi.org/10.1016/j.jmoldx.2011.08.002.

Wang Z. et al. Automated Quantitative RNA in Situ Hybridization for Resolution of Equivocal and Heterogeneous ERBB2 (HER2) Status in Invasive Breast Carcinoma. J of Mol Diagnostics (2013). PMID: 23305906 doi:10.1016/j.jmoldx.2012.10.003

Park, E. et al. Detection of low abundance RNA molecules in individual cells by flow cytometry. PLoS One (2013) doi: 10.1371/journal.pone.0057002.

Burd C.E., et al. Monitoring Tumorigenesis and Senescence In Vivo with a p16INK4a-Luciferase Model. Cell (2013). doi:10.1016/j.cell.2012.12.010

Barry E.R., et al. Restriction of intestinal stem cell expansion and the regenerative response by YAP. Nature (2013). doi:10.1038/nature11693

Safronetz et al. Hamster-adapted Sin Nombre virus causes disseminated infection and efficiently replicates in pulmonary endothelial cells without signs of disease. J of Virology (2013). doi: 10.1128/JVI.03291-12

Brunna O. et al. Relevance of TNBS-Colitis in Rats: A Methodological Study with Endoscopic, Histologic and Transcriptomic Characterization and Correlation to IBD. PLoS (2013). doi:10.1371/journal.pone.0054543

Shinohara D.B. et al. A mouse model of chronic prostatic inflammation using a human prostate cancer-derived isolate of Propionibacterium acnes. The Prostate (2013). DOI: 10.1002/pros.22648

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Kim, M.A. et al. In situ analysis of HER2 mRNA in gastric carcinoma: comparison with fluorescence in situ hybridization, dual-color silver in situ hybridization, and immunohistochemistry.
Hum Pathol. 2012 Oct 16. pii: S0046-8177(12)00258-7. doi: 10.1016/j.humpath.2012.06.022. [Epub ahead of print] PMID: 23084583

Bishop, J.A. et al. Detection of Transcriptionally Active High-risk HPV in Patients With Head and Neck Squamous Cell Carcinoma as Visualized by a Novel E6/E7 mRNA In Situ Hybridization Method. Am J Surg Pathol. 2012 Oct 10. [Epub ahead of print] PMID: 23060353

Ziskin J.L., et al. In situ validation of an intestinal stem cell signature in colorectal cancer. Gut (2012). PMID: 22637696
Bordeaux, J.M. et al. Quantitative in situ measurement of estrogen receptor mRNA predicts response to tamoxifen.PLoS One. 2012;7(5):e36559. doi: 10.1371/journal.pone.0036559. Epub 2012 May 11. PMID: 22606272

Payne, R.E. et al. Viable circulating tumor cell detection using multiplex RNA in situ hybridization predicts progression-free survival in metastatic breast cancer patients. • British J Cancer • 2012 Apr II • [Epub ahead of print]

Yan, K. S. et al. The intestinal stem cell markers Bmi1 and Lgr5 identify two functionally distinct populations. • PNAS • Jan, 2012 • 109 (2):466-471. www.pnas.org/cgi/doi/10.1073/pnas.1118857109

Lewis, J.S. et al. Transcriptionally-Active High-Risk Human Papillomavirus is Rare in Oral Cavity and Laryngeal/Hypopharyngeal Squamous Cell Carcinomas – A Tissue Microarray Study Utilizing E6/E7 mRNA In-Situ Hybridization. Histopathology • Feb, 2012

Tanas, M.R. et al. Identification of a disease-defining gene fusion in epithelioid hemangioendothelioma.
Science Translational Medicine • Aug, 2011 • 3(98):98ra82.
http://www.ncbi.nlm.nih.gov/pubmed/21885404

Ukpo, O.C. et al. High-Risk Human Papillomavirus E6/E7 mRNA Detection by a Novel In Situ Hybridization Assay Strongly Correlates With p16 Expression and Patient Outcomes in Oropharyngeal Squamous Cell Carcinoma.
American J of Surgical Pathology • Sept, 2011 • 35(9):1343-50.
http://www.ncbi.nlm.nih.gov/pubmed/21836494

Liu , X. et al. Specific Regulation of NRG1 Isoform Expression by Neuronal Activity. Journal of Neuroscience • June 8, 2011 • 31(23):8491– 8501. https://www.ncbi.nlm.nih.gov/pubmed/21653853

Masand, R.P. et al. Adenosquamous Carcinoma of the Head and Neck: Relationship to Human Papillomavirus and Review of the Literature. Head & Neck Pathology • June 2011 • 5(2):108-16. https://www.ncbi.nlm.nih.gov/pubmed/21305368

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Liu , X. et al. Specific Regulation of NRG1 Isoform Expression by Neuronal Activity. Journal of Neuroscience • June 8, 2011 • 31(23):8491- 8501. https://www.ncbi.nlm.nih.gov/pubmed/21653853

Masand, R.P. et al. Adenosquamous Carcinoma of the Head and Neck: Relationship to Human Papillomavirus and Review of the Literature. Head & Neck Pathology • June 2011 • 5(2): 108-16. https://www.ncbi.nlm.nih.gov/pubmed/21305369

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