

**Government of India**  
**BHABHA ATOMIC RESEARCH CENTRE**  
**Molecular Biology Division**

Ref: BARC/MBD/2018/OPA/४०४५

02- 01- 2018

Dear Sir/Madam,

Sealed quotations are invited for the fabrication of custom synthesis of two genes. Specification for the synthesis of the genes are given below

1. The three genes Gene-1 with 4134 bp, Gene-2 with 675 bp and Gene-3 with 200 bp to be synthesized (if required few extra bases can be added for cloning). The DNA sequence of the genes will be provided by us.
2. The synthesized genes should not carry any mutation, the services should be equivalent to the "Gene Script" synthesis grade.
3. Gene-1 and Gene-2 should be codon optimized for optimal expression in *Deinococcus radiodurans* and *E. coli* bacteria but Gene-3 should have same sequence as the DNA sequence supplied by us.
4. Genes must be supplied in cloned form in expression vector pET16b at NdeI (n-terminus) and BamHI (c-terminus) restriction sites.
5. The correctness of the DNA sequence of product (Quality) should be done at your end.
6. Quantity of the supplied gene should be minimum 4ug and checked on the Agarose gel at your side.
7. Quotation in sealed covers giving details of price and time required for synthesis should be sent only by **Speed post/Registered post** to the undersigned (**Dr. Narasimha**) latest by 19<sup>th</sup>, January 2018 (Friday).
8. Head, MBD, BARC reserves the right to accept/reject any or all quotations without assigning any reasons.
9. In case the material quality is not up to the mark / if the product did not work as per specification in our work order, the firm may be asked to replace the same product at no additional cost to BARC.
10. Your **PAN No**, **TIN No**, and **GST No**. should be clearly mentioned in your quotation.

*Narasimha*  
02/01/2018

Dr. Anaganti Narasimha  
SO/E, MBD

1-9-S, Mod labs, BARC, Trombay  
Mumbai, MH, India-400 085

Ph: 022 25590421

Head, MBD may please approve

*Approved*

*Rohit*

02/01/2018

डॉ. हरि शरण मिश्रा  
Dr. Hari Sharan Misra

अध्यक्ष, आण्विक विभाग  
Head, Molecular Biology Division

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*Hari Sharan*  
10/01/18