



NATIONAL INSTITUTE OF ELECTRONICS
Ministry of Science & Technology
Government of Pakistan
17, H-9, Islamabad



Tel: 051-9265009-13 (Ext: 217)

Fax: 051-9265027

TENDER NO. 01/2022-23/NIE

**SEMICONDUCTOR CHIP TAPE OUT PROCESSOR & TECHNOLOGY DESIGN KITS FOR
SCDFC & NE LAB UNDER PSDP PROJECT "SEMICONDUCTOR CHIP DESIGN
FACILITATION CENTRE AND NETWORK ESTABLISHMENT"**

S. #	Name of item	Qty	Unit Price	Total Price
1	Semiconductor Chip Tape Out Processor with following details:- Make: TSMC OR Equivalent <ul style="list-style-type: none">➤ Maximum 2mm² Area➤ Fabrication and packaging➤ I/O(v) 2.5V➤ Core (V) 1.5V➤ Seal ring➤ Metal IP	One Package		
2	Technology Design Kits with following details:- Make: TSMC OR Equivalent <ul style="list-style-type: none">➤ 65 nm technology files.➤ Digital cell files.➤ Mixed Signal cell files.➤ Chip layout & verification files.➤ GP (01), MS(01)➤ Should include multimode, multi-corner files including timing libraries➤ Basic Cells, Tech files, Macro files, I/O files➤ Should have PVS, DRC, LVS and QRC capability.	One Package (Soft form) <ul style="list-style-type: none">➤ General Purpose➤ Mixed Signal		



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TERM & CONDITIONS:

1. Price to be quoted in Pak Rupees on (FOR) free home delivery basis.
2. The bid must be supported with necessary catalogue/ brochure indicating make, model detailed specification.
3. The bid should reflect at sight the following costs separately for fair comparison purpose.
 - i. Unit Price.
 - ii. GST, if applicable.
4. Conditional/ ambiguous bids will not be entertained.
5. Bidder should be responsible to coordinate with OEM/ FAB for technology kits and fabrication of processor.
6. The offered solution must be of latest technology i.e. "65" nm and covered under necessary back-up support.
7. The bidder shall provide technical training/ support for chip tape out free of cost as NIE may specify.
8. Earnest money @ 2% of quoted prices (Refundable) must accompany the tender in shape of a crossed bank draft/ pay order in favour of the Director General NIE. Earnest Money of the successful bidder will be refunded after satisfactory completion of supply order.
9. The bids of the firm operating from P.O. Box number will not be considered.
10. Tender number must be specified on the left corner of the tender envelope.

11. The rates should be valid for at least “90” days from the tender opening date.
12. The estimated delivery/ completion period of supplies/ work must be specified in the quotation.
13. In case of late delivery/ completion in supplies, a penalty @ 2% per month of the total order value will be charged from the successful bidder without any notice.
14. The bid found to be lowest evaluated bid shall be accepted on the basis of cost comparison, tender specifications and fulfilling the requirement of the end-user.
15. Award of Contract may be awarded either to a single party or can be divided among different parties depending upon their professional capabilities and competitiveness in prices individually.
16. The earnest money of the rejected firms shall be returned in due course of time.
17. Quantity of the order items can be increased or decreased.
18. NIE, if required may ask successful bidder to provide 5% Bank Guarantee for satisfactory execution of the supply order.
19. No advance payment will be made.
20. NTN and GST number must be mentioned on the quotation along with providing copy of its documentary evidence, failing which bid will not be considered.
21. Payment will be made on submission of the prescribed bill in duplicate after satisfactory completion of supply order and our acceptance thereof. The bill presented on the letterhead of the firm will not be accepted for payment purpose.
22. As per Government Policy payment to the firm is subject to the registration of firm name in Active Tax Payer List of FBR, otherwise payment will be stopped till the appearance of vendor name in ATL of FBR.
23. Income Tax/ Sales Tax etc. will be deducted as per Govt. Rules.
24. Last date for receipt of the tender in the Procurement Section of NIE is **November 28,2022 up to 11:00 hours**. Tenders will be opened on the same day at **11:30 hours** in the presence of those who wish to be present. Tenders received late will not be considered in any case.

25. The Director General NIE reserves the right to accept or reject any or all tenders in part or whole, or change the quantity of tendered items as per provision of PPRA Rules.

Gul Hayat Khan
Dy. Director Procurement
NIE, Islamabad
Ph: 051-9265009 (Ext: 217)