

ITER-India's response against the pre-bid queries / clarifications sought by bidders against above mentioned tender

dated 24th August 2022

1. Name of the Bidder	2. Query No.	3. Ref. Tender Part /Section No.	4. Ref. Clause No.	5. Description of the query	6. Response of ITER-India
XXXX	1.	Part A(III): Technical specification	Sr. No.11: Quantum efficiency (%) > 50 at 2 keV > 90 at 6 keV > 70 at 13 keV	Typical Quantum efficiency > 50% @ 2Kev is not possible, Please consider quantum efficiency of 40% @ 2Kev.	As per our understanding a Silicon chip of 450 micron thickness can provide a quantum efficiency of ~ 50% at 2 keV. Could you provide an explanation with any supporting data/graph for understanding the basis for requested deviation? Also please confirm that this requested deviation has no major impact on measurements near the specified lower energy threshold (1.6 keV) of the detector.
	2.	PART-A (I): Eligibility criteria Table.1 1.Supplier shall have successfully executed at least one purchase order of the hybrid pixel photon counting detector. 2.Bidder shall have executed single order having value of minimum INR 53,00,000.00 or it's equivalent foreign currency (exchange rate as on the date of	1.Copy/copies of purchase orders (unpriced) with technical details along with the installation/ Completion/ Acceptance certificate/ invoice. 2.Bidder shall submit Priced PO copy and completion certificate/ invoice	1.Our OEM has non-disclosure agreement with customers, and they are unable to submit PO copies from other customers. 2.OEM can submit delivery note with customer name, products purchased and date of delivery, as well as the invoice with the total price and payment proof of the detector for your reference	We have asked for Priced PO and completion certificate or invoice. Hence, if OEM cannot submit PO, they can submit the documents as stated in the query i.e. delivery note with customer name, products purchased and date of delivery, as well as the invoice with the total

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		the tender will be taken for conversion of foreign currency order into equivalent INR) or Two orders of minimum INR 35,00,000.00 or it's equivalent foreign currency (exchange rate as on the date of the tender will be taken for conversion of foreign currency order into equivalent INR), for each order, within last 5 years from the tender date.			price and payment proof for the supplied detector.
	3.	Pre-dispatch tests/Factory Acceptance Tests (FAT). Proposed Acceptance tests Acceptance test report/certificate containing the following information: <ol style="list-style-type: none"> 1. Detector calibration: energy threshold and flat field across energy range of interest. 2. Vacuum leak tightness of the feed throughs. 3. Detector response in the energy range of interest using suitable X ray source (2keV to 13 keV). 	3. Detector calibration: energy threshold and flat field across energy range of interest.	We further discussed this request, and we can mention the Flat Field calibration on the FAT. To be clear, it would be a text sentence on the FAT saying the Flat Field correction has been done	Noted
			4. Vacuum leak tightness of the feed throughs	This is not manufactured by DECTRIS. FAT is not possible for feed through. We can issue on a letter head mentioning the tested leak rate to be as follows: $<1 \times 10^{-9}$ mbar l/s He for weldable and HV versions $<5 \times 10^{-10}$ mbar l/s He for flanged UHV versions (CF)	A test certificate confirming the leak tightness is acceptable to ITER-India.
			5. Detector response in the energy range of interest using suitable X ray source (2keV to 13 keV)	The energy and threshold range is mentioned in the FAT certificate. The low energy range is mentioned, and we guarantee the detector's response at the specified energy range. If not a letterer head confirmation can be issued.	A test certificate confirming the detector response from 2 keV to 13 keV is acceptable to ITER-India. Also mention the sources used for measurement in the certificate.

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	4.	Part II: Acceptance tests at ITER-India laboratory/Site Acceptance Tests (SAT) . The test no 4-6 will be performed at ITER-India lab as a part of Site Acceptance Tests.	4. Vacuum leak tightness of the feed throughs.	This is not possible to demonstrate and SITE, User must perform this.	This can be tested at ITER-India lab during SAT. If necessary, Online/Remote support from the OEM shall be requested.
			5. Detector response in the energy range of interest using suitable X ray source (2keV to 13 keV)	Response at any single energy range can be demonstrated.	This can be tested at ITER-India lab during SAT. Online/Remote support is required from the OEM
	5.	Tender part , Section A(I). Payment terms -	70% against delivery (L/C or Wire transfer), and balance 30% against installation & Site acceptance (Wire transfer).	Please accept 90% LC against delivery, and balance 10% against submission of PBG.	Payment terms as per the tender remains unchanged
	6.	Further to above points, we are yet to decide whether we quote on behalf of our OEM (or) we quote in Indian Rupee			You may please refer to ITER-India response against point no. 6.3
	6.1	BOQ.xls	As per the BOQ downloaded, in currency selection only INR/Euro/USD currencies options are mentioned.	We request you to include CHF currency option also in the BOQ. Please amend the BOQ with above request and issue revised BOQ with CHF currency option	CHF currency is included as per the amendment in BOQ. Pl. refer amendment
	6.2	As per tender document clause D. Compliance with Commercial Terms, Taxes and Duties (This needs to be filled up as offered in Part-B Price Bid format): Table-D	Service Tax – ITER-India, IPR is entitled to avail concessional rate of GST@5% on supply of Items as per clause no. 1.8.3.3 of Part- A(III).	As per the amendment Notification No. 11/2022-Central Tax (Rate) & Notification No. 11/2022-Integrated Tax (Rate) by GOVERNMENT OF INDIA - MINISTRY OF FINANCE (Department of Revenue) dated 13th July, 2022, 5% concessional	GST as applicable during the original delivery schedule stipulated in the Order shall be paid extra against submission of GST compliant invoice. We have noted applicable GST @18%. This will be

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				GST is not applicable effective from 18-Jul-22. The GST is @18% applicable for item. Please check and confirm the applicability of concessional GST.	mentioned in the Order, if you are a successful bidder.
	6.3	As per tender Commercial Criteria (Eligibility criteria): Supplier shall have successfully executed at least one purchase order of the hybrid pixel photon counting detector.	<p>Bidder shall submit Priced PO copy and completion certificate/ invoice within last 5 years from the tender date.</p> <p>1 single order having value of minimum INR 53,00,000.00 or its equivalent foreign currency</p> <p>2 orders of minimum INR 35,00,000.00 or its equivalent foreign currency for each order,</p>	<p>If we bid in INR , can we submit our OEM credentials to meet this criteria ?</p> <p>We have supplied this detector along with X-ray diffractometer to customers in India.</p> <p>Attached are PO copies.</p> <p>1. P.O: No: DPS/CPU/04/D2/4502/PT/PO/249971, see page no 5, Hybrid Photon Counting Detector</p> <p>2. P.O.: No: DPS/CPU/04/B3/255/PT/PO/250268, see page no 6, Hybrid Photon Counting / Silicon Drift detector</p> <p>Can above PO copies be considered against this criterion?</p>	All the documentary evidences for compliance with EEC shall be in the name of the bidding entity with whom the contract would be signed.