

Item: CO-60 INDUSTRIAL GAMMA RAY EXPOSURE DEVICE (IGRED) ALONG WITH ITS ACCESSORIES as per SPEC NO: CFF/QC/RT/CO/01

Commercial Terms and conditions for tender enquiry:

S. No.	Description	Vendor's confirmation/reply
1	Material shall be supplied as per tender enquiry in all respects. Point wise reply / confirmation of attached technical specification along with accessories as per specification: CFF/QC/RT/CO/01 is to be provided along with offer.	
2	Pointwise confirmation of PQC document (Pre-qualification requirement) required along with offer. Interested bidder may plan for pre bid meeting within a week from issue of tender enquiry for better understanding about the system / peripherals, technical and commercial terms.	
3	Compliance to MAKE IN INDIA circular issued by Gol (P-45021/2/2017-PP(BEII) dtd 04/06/2020) and its revision dated 16/09/2020. "For this procurement, the local content to categorize a supplier as a Class I local supplier / Class II local supplier/ Non-Local Supplier and purchase preference to Class I local supplier, is as defined in Public Procurement (Preference to Make in India), Order 2017 dated 04.06.2020 issued by DPIIT. In case of subsequent orders issued by the nodal ministry, changing the definition of local content for items of the NIT, the same shall be applicable even if issued after issue of this NIT, but before opening of Part II bids against this NIT". All bidders have to confirm about being 'Class-I local supplier', 'Class II local supplier' or 'Non-Local supplier'. Procurement shall be done from Class-I/II Local Suppliers only. Supplier is required to provide class -I local supplier / Class-II local supplier Self certificate giving the percentage of local content and details of locations where value addition is made.	
4	Guarantee/ Warrantee: As per specification no CFF/QC/RT/CO/01 , performance guaranteed/warrantee for Minimum 12 months from date of commissioning & completion.	
5	Final inspection will be done after receipt of equipment at CFFP, BHEL, Haridwar.	
6	Delivery Term: FOR Destination basis, destination being Stores/CFFP/BHEL Haridwar. Quoted rate should be inclusive of the charges like freight, insurance, packing & forwarding etc. for the delivery term given above or else proper loading shall be done.	
7	Delivery of material: Within 06 months from the date of Purchase order (Including document approval etc.).	
8	Readiness of site by CFFP for E&C: Site ready	
09	Erection & Commissioning (E&C) period for supplier: - within one month from date of intimation from BHEL, Haridwar, after receipt of the equipment at BHEL, Haridwar	

10	Bidder will submit complete schedule of activities with timeline related to supply, E&C and training. Complete Literature (in one go) is to be submitted by vendor within 4 weeks from PO date.	
11	E&C value will be minimum 10% of contract value. Same will be released after completion of E&C. Rest 90% of contract value will be treated as supply value. Total contract value is supply value plus E&C value / charges.	
12	<p><u>Payment Terms:</u></p> <p>80% payment of Supply value plus 100% Taxes & Duties (subject to checking / confirmation from GSTN portal) shall be made through e-payment within 45/60/90 days (for Micro & Small / Medium Enterprise / Others respectively) from the date of receipt of material at CFFP / BHEL. Balance 20% Payment of Supply value and 100 % E&C charges will be paid after successful commissioning of equipment.</p>	
13	<p>Performance Security/Performance Bank Guarantee: Successful bidder to submit Performance Security/Performance Bank Guarantee of 10.0% of the contract Value (Supply value + E&C value, Excluding Taxes). The Performance Security/PBG shall be submitted within 30 days of notification of the award of Contract and it should remain valid for a period of 60 (sixty) days beyond the date of completion of all contractual obligations of the supplier, including warranty obligations. Tentative period of BG will be 24 months from PO date.</p> <p>PS/PBG shall be returned to the contractor without interest, after the contractor duly performs and completes the contract in all respects but not later than 60 (sixty) days of completion of all such obligations including the warranty under the contract. The Performance Security/PBG shall not carry any interest.</p> <p>Modes of deposit of PS/ PBG: Performance Security/Performance Bank Guarantee shall be furnished in the following forms:</p> <p>i). Local cheques of Scheduled Banks (subject to realization)/ Pay Order/Demand Draft/ Electronic Fund Transfer in favour of BHEL.</p> <p>ii). Bank Guarantee from BHEL consortium Banks and in BHEL format. List of BHEL consortium Banks and in BHEL format is attached. Claim period of BG should be minimum 3 months from the validity.</p> <p>iii). Fixed Deposit Receipt issued by Scheduled Banks / Public Financial Institutions as defined in the Companies Act (FDR should be in the name of the Contractor, a/c BHEL).</p> <p>iv). Securities available from Indian Post offices such as National Savings Certificates, Kisan Vikas Patras etc. (held in the name of Contractor furnishing the security and duly endorsed/ hypothecated/ pledged, as applicable, in favour of BHEL).</p> <p>V). Insurance Surety Bond.</p> <p>(Note: BHEL will not be liable or responsible in any manner for the collection of interest or renewal of the documents or in any other matter connected therewith)</p> <p>Forfeiture of Performance Security/Performance Bank Guarantee: The Performance Security/ Performance Bank Guarantee will be forfeited and credited to BHEL's account in the event of a breach of contract by the supplier.</p>	
14	Currency of offer: Only in Indian Rupee.	
15	Validity of offer: Minimum 180 days from tender opening date.	
16	Prices shall be firm till execution of Order.	
17	Provide name of company on which purchase order is to be placed (in case found lowest suitable bidder), contact person, mobile no. & email address.	

18	<p><u>Penalty for delay in Supply and Erection and Commissioning (E&C):</u></p> <p>Penalty on delay in 'Supply' and/or 'E&C' will be applicable to the delays attributed to vendor. Penalty will be considered separately for 'Supply' and 'E&C'.</p> <ul style="list-style-type: none"> - The rate of penalty for delayed Supply shall be @ 0.5% per week of delay of total PO value (supply + E&C) subject to a maximum of 10% of total PO value. - The rate of penalty for delayed E&C shall be @ 0.5% per week of delay of total PO value (Supply +E&C) in E&C subject to a maximum of 10% of total PO value (Supply + E&C). - Maximum penalty for delay in Supply and E&C together shall be limited to 15% of total PO value (Supply + E&C). - For calculating Late Delivery penalty, delivery date shall be considered as date of receipt at material at BHEL Hardwar. <p>Note:</p> <ul style="list-style-type: none"> - In case, any shortage is noticed viz-a-viz PO requirement in the main equipment /spares, such shortages shall be replenished by supplier on FOR destination basis without any cost implication to BHEL i.e. Duty and freight charges etc. up to destination for such short supplies shall be borne by the supplier. 	
19	Settlement of Disputes: As per GeM guidelines.	
20	Early delivery acceptable.	
21	Test Certificate & Guarantee certificate are required.	
22	Drawing, Documents and Manuals to be provided as per technical specification.	
23	<p>Breach of contract:</p> <p>In case of breach of contract, recovery of 10% of total contract value shall be applicable. Recovery shall be done by encasing security instruments like Contract Execution Bank Guarantee, performance bank guarantee. In case value of security instruments not available or less than 10% of the contract value, the balance amount be recovered from other financial remedies (i.e. available bills of the contractor, retention amount, etc. with BHEL) or legal remedies shall be pursued. Further, levy of liquidated damages, debarment, termination, de-scoping, short-closure, etc., shall be applied as per provisions of the contract.</p>	
24	Conditions for opening of Price: - BHEL shall be resorting to Reverse Auction (H1 removal) as per GeM condition.	
25	<p>BID SECURITY / EARNEST MONEY DEPOSIT (EMD):</p> <p>Bidder to submit Bid Security/ Earnest Money Deposit (EMD) of Rs 2,00,000/- (Rupees two Lakhs Only). The Bid Security/ Earnest Money Deposit (EMD) shall be submitted along with their bids (except Micro and Small Enterprises (MSEs) or Startups as recognized by Department for Promotion of Industry and Internal Trade (DPIIT)) and it will remain valid for a period of 45 (forty-five) days beyond the final bid validity period.</p> <p>The Bid Security/ Earnest Money Deposit (EMD) shall not carry any interest. Bid securities of the unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity period and latest by the 30th day after the award of the contract. However, in case of two packet or two stage bidding, Bid securities of unsuccessful bidders during first stage i.e. technical evaluation etc. will be returned within 30 days of declaration of result of first stage i.e. technical evaluation etc.</p>	

	<p>Bid security will be refunded to the successful bidder on conclusion of the order/ receipt of a performance security (if called in the tender).</p> <p>Modes of deposit OF BID SECURITY / EARNEST MONEY DEPOSIT (EMD): The EMD may be accepted only in the following forms:</p> <p>(i) Electronic Fund Transfer credited in BHEL account (before tender opening). (ii) Banker's cheque/ Pay order/ Demand draft, in favour of BHEL (along with offer). (iii) Fixed Deposit Receipt (FDR). (iv) Bank Guarantee from any of the BHEL Consortium Banks in BHEL prescribed format. (v) Insurance Surety Bonds.</p> <p>Bank Details for online submission of EMD is as below: Bank: STATE BANK OF INDIA, RANIPUR BRANCH, HARIDWAR, Beneficiary Name: Bharat Heavy Electricals Ltd. Bank Account No. 10667995469 Account Type. CURRENT ACCOUNT Bank's Branch Code: 00586 Bank's IFSC Code: SBIN0000586 Bank MICR Code: 249002005</p> <p>Forfeiture of EMD: i) A bidder's EMD will be forfeited if the bidder withdraws or amends its/his tender or impairs or derogates from the tender in any respect within the period of validity of the tender or if the successful bidder fails to furnish the required performance security within the specified period mentioned in the Tender.</p> <p>(ii) EMD by the tenderer to be withheld in case any action on the bidder is envisaged under the provisions of extant "Guidelines on Suspension of business dealings with suppliers/ contractors" and forfeited/ released based on the action as determined under these guidelines.</p>																	
26	Vendor to quote their offer which includes supply, E&C, Spares etc. applicable as per specification. Offer must be inclusive of all taxes and duties (GST etc.).																	
27	For new vendors not registered with CFFP BHEL, kindly furnish copy of following documents: Company Name and Address Proof, GST Number (Scan Copy of Acknowledgement), PAN Copy, MSME Certificate (UAN, Udyam if Any).																	
<p><u>Documents required for Material Acceptance & Payment:</u></p> <p>Vendors are required to send the following set of documents in duplicate (two copies each) to the address mentioned below:</p> <table><tr><th>S. No.</th><th>Document</th></tr><tr><td>1</td><td>Invoice – Original for Buyer</td></tr><tr><td>2</td><td>Invoice – Duplicate for Transporter</td></tr><tr><td>3</td><td>Test Certificate</td></tr><tr><td>4</td><td>Guarantee Certificate</td></tr><tr><td>5</td><td>Third Party Inspection Report (If applicable)</td></tr><tr><td>6</td><td>Bill of Lading (If Applicable)</td></tr><tr><td>7</td><td>Packing List (If Applicable)</td></tr></table>		S. No.	Document	1	Invoice – Original for Buyer	2	Invoice – Duplicate for Transporter	3	Test Certificate	4	Guarantee Certificate	5	Third Party Inspection Report (If applicable)	6	Bill of Lading (If Applicable)	7	Packing List (If Applicable)	
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	<p>In addition to this any other document mentioned in the purchase order (even if not mentioned in the above list) will be required to be sent by the vendor.</p> <p>Address: Pradeep Kumar Manager (Purchase) Central Foundry Forge Plant Bharat Heavy Electricals Ltd. Ranipur, Haridwar Uttarakhand – 249403 Ph. No. < 9410395808 ></p> <p>Alternatively, vendors can send a digitally signed copy of above-mentioned documents to the following email address: kumar.pradeep@bhel.in ; hwcfmm@bhel.in</p> <p>These documents are required for timely acceptance of material and payment of the vendors. Without these documents, payment may not be processed in timely manner. BHEL will bear no responsibility towards the same.</p>	
28	<p>The offers of the bidders who are under suspension as also the offers of the bidders, who engage the services of the firms debarred across BHEL, shall be rejected. The list of firms debarred across BHEL is available on BHEL website : www.bhel.com.</p> <p>1.0 Integrity commitment, performance of contract and punitive action thereof:</p> <p>1.1 Commitment by BHEL:</p> <p>BHEL commits to take all measures necessary to prevent corruption in connection with the tender process and execution of the contract. BHEL will during the tender process treat all bidder(s) in a transparent and fair manner, and with equity.</p> <p>1.2 Commitment by Bidder/Supplier/Contractor:</p> <p>1.2.1 The Bidder/Supplier/Contractor commit to take all measures to prevent corruption and will not directly or indirectly influence any decision or benefit which he is not legally entitled to nor will act or omit in any manner which tantamount to an offence punishable under any provision of the Indian penal code, 1860 or any other law in force in India.</p> <p>1.2.2 The Bidder/Supplier/Contractor will, when presenting his bid, disclose any and all payments he has made, and is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the contract and shall adhere to relevant guidelines issued from time to time by Govt. of India/BHEL.</p> <p>1.2.3 The Bidder/Supplier/Contractor will perform/execute the contract as per the contract terms & conditions and will not default without any reasonable cause, which causes loss of business/money/reputation, to BHEL.</p> <p>If any Bidder/Supplier/Contractor during pre-tendering/tendering/post tendering/award/execution/post-execution stage indulges in mal-practices, cheating, bribery, fraud or and other misconduct or formation of cartel so as to influence the bidding process or influence the price or acts or omits in any manner which tantamount to an offence punishable under any provision of the Indian Penal Code, 1860 or any other law in force in India then, action may be taken against such bidder/supplier/contractor as per extant guidelines of the company available on www.bhel.com and/or under applicable legal provisions.</p>	
29	<p>BHEL reserves the right to cancel the tender at any stage without issuing any reason for the same.</p>	

30	<p>Conflict of Interest: A bidder shall not have conflict of interest with other bidders. Such conflict of interest can lead to anti-competitive practices to the detriment of Procuring Entity's interests. The bidder found to have a conflict of interest shall be disqualified. A bidder may be considered to have a conflict of interest with one or more parties in this bidding process, if: a) They have controlling partner (s) in common; or b) They received or have received any direct or indirect subsidy/financial stake from any of them; or c) They have the same legal representative/agent for purposes of this bid; or d) They have relationship with each other, directly or through common third parties, that puts them in a position to have access to information about or influence on the bid of another bidder; or e) Bidder participates in more than one bid in this bidding process. Participation by a Bidder in more than one Bid will result in the disqualification of all bids in which the parties are involved. However, this does not limit the inclusion of the components/subassembly/Assemblies from one bidding manufacturer in more than one bid; or f) In cases of agents quoting in offshore procurements, on behalf of their principal manufacturers, one agent cannot represent two manufacturers or quote on their behalf in a particular tender enquiry. One manufacturer can also authorise only one agent/dealer. There can be only one bid form the following: 1. The principal manufacturer directly or through one Indian agent on his behalf; and 2. Indian/foreign agent on behalf of only one principal; 5 / 8 1446800/2023/CFFP-PUR_SDC 31 or g) A Bidder or any of its affiliates participated as a consultant in the preparation of the design or technical specifications of the contract that is the subject of the Bid; or h) In case of a holding company having more than one independently manufacturing units, or more than one unit having common business ownership/management, only one unit should quote. Similar restrictions would apply to closely related sister companies. Bidders must proactively declare such sister/common business/management units in same/similar line of business.</p>	
31	<p>Restrictions on import from countries sharing land border with India:</p> <p>All provision of order no. F.7/10/2021-PPD (1) of Department of Expenditure(DoE) dated 23.02.2023 shall be applicable for this tender enquiry (Order copy is available at https://doe.gov.in/divisions/order-public-procurement-no4-restrictions-under-rule-144xi-general-financial-rules-gfrs. Bidder has to submit a certificate certifying following along with the offer:</p> <p>"I have read the clause regarding restrictions on procurement from a bidder of a country which shares land border with India; I certify that bidder (Name of bidder) is not from such a country or if from such a country, has been registered with the competent authority. I hereby certify that bidder: (Name of bidder) fulfils all requirements in this regard and is eligible to be considered."</p> <p>If the bidder is from such a country, which shares a land border with India, evidence of valid registration by the competent authority shall be attached along with the offer.</p>	


Vendor's Sign. & Stamped

Pre-Qualification Criteria for Cobalt -60 Industrial Gamma Ray Exposure Device

1.0	The Offered equipment shall have approval of AERB (Type/model approval) for installation & safe use in INDIA.	Vendor to confirm & furnish relevant document
2.0	Vendor should be OEM or their technically competent authorized representative in India. Authorization letter from OEM (in the case of not directly quoted by OEM) for quoting their device and providing installation & commissioning at BHEL works and after sales service to be submitted along with offer.	Vendor to confirm & furnish relevant document
3.0	Vendor must have service centre in India to support maintenance/ after sales service of the device as and when required by BHEL. Maintenance support /after-sales service to be available within 1 week of intimation to the vendor. Detail about which has to be provided along with offer.	Vendor to confirm and provide details
4.0	OEM/Authorized agent will provide detail of atleast one customer in INDIA, where quoted device model has been supplied and commissioned in last ten years from tender opening date and the performance certificate should be obtained from same customers indicating satisfactory performance of quoted device. Performance certificate should be issued after atleast one year of commission date of equipment. Details of customer shall be given as : a) Name, designation, Phone No., Fax No. and E-mail address of the contact person/issuer of the Performance Certificate of the customer is to be informed. b) Complete postal address of the customer. c) Year of commissioning.	Vendor to confirm & furnish relevant document
5.0	Service after sales of the equipment & supply of spare parts shall be guaranteed for atleast 5 years from date of commissioning of quoted device. In this regard, guarantee certificate should be provided by Original equipment manufacturer on its letter head along with offer for : [A] Guaranteed supply of spare parts of quoted device & its accessories for atleast 5 years from date of commissioning. [B] Guarantee for providing smoothly after sales service for atleast 5 years from date of commissioning.	Vendor to confirm & agree. Also furnish required document along with offer

Checked by

Approved by


Vimal Kumar
(Mgr /SFQC)

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SCOPE: SUPPLY, ERECTION & COMMISSIONING OF COBALT -60 INDUSTRIAL GAMMA RAY EXPOSURE DEVICE (IGRED) ALONG WITH ITS ACCESSORIES AS PER SPECIFICATION BELOW

SL.NO.	DESCRIPTION FOR BHEL REQUIREMENT	ACTION BY VENDOR	Vendor's Remark
1.0	PURPOSE		
	Portable Industrial Gamma Ray Exposure Device (IGRED) for Cobalt - 60 source, with essential accessories, suitable for industrial radiography of casting, forging, fabricated / welded assemblies etc.	Vendor to confirm	
2.0	SCOPE OF SUPPLY : 1 SET of following items :		
	DESCRIPTION	QUANTITY	
	Main Equipment :		
2.1	INDUSTRIAL GAMMA RADIOGRAPHY EXPOSURE DEVICE/ SOURCE PROJECTOR WITH LOADED SOURCE OF 50 CURIE :	01 No.	Vendor to confirm
2.2	SOURCE MOVEMENT CONTROL UNIT / CRANCKING CABLE (Reel)	01 No.	Vendor to confirm
2.3	GUIDE TUBE (Approx 7 feet long) :	01 No.	Vendor to confirm
2.4	EXTENSION TUBE (Approx 7 feet long) :	01 No.	Vendor to confirm
2.5	TUNGSTEN COLLIMATOR :	01 No.	Vendor to confirm
2.6	TRANSPORT CART/ TROLLEY (suitable for above source projector) :	01 No.	Vendor to confirm
3.0	TECHNICAL REQUIREMENT :		
3.1	SOURCE PROJECTOR :		
	[A] Projector/Housing cover shall be made of stainless steel and Shielding should be made of Depleted Uranium with adequate thickness in order to minimise radiation leakage.	Vendor to confirm	
	[B] Shielding of the projector should be capable to accommodate min. 300 Curie Co-60 radioisotope with Radiation leakage should not be more than specified limit prescribed by AERB.	Vendor to confirm	

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				Vendor to confirm
		[C] Projector shall be equipped with connector for coupling of guide tube and control cable. Connector coupling should facilitate smooth movement of Co-60 source mounted on pigtail during exposure and retraction of source from and into the source projector.		
		[D] Proper locking system should also be provided for controlling unwanted movement of source when kept inside projector in ideal condition.		Vendor to confirm
		[E] The source projector shall be provided with suitable handling device for easy movement and stable positioning.		Vendor to confirm
3.2	CONTROL UNIT/ CRANKING CABLE :	Suitable for quoted IGRED. Should be reel type, approx. 50 feet length, facilitate free movement, shall have system to identify the source position and proper locking system. Functioning of control unit should be smooth.	vendor to confirm	
		We have pit type enclosure and camera is to be operated from ground floor. Vendor may visit CFFP, BHEL , Haridwar before quoting to access the application and site condition.	vendor to confirm	
3.3	GUIDE TUBE & EXTENSION TUBE :	Suitable for quoted IGRED with fixed stop guide tube and extension tubes, approx. 2.1 meter / 7 feet each in length, well protected, shall not make any resistance to source movement, flexible with protection cover.	Vendor to confirm	
3.4	PIGTAIL :	suitable for the quoted radiography device model will be provided with traceability certificate.	Vendor to confirm	
		shall have flexible with provision to crimp / swage the sealed source or capsule on one end, while the opposite end of this pigtail should have a connector for connecting source drive cable (teleflex cable). shall not make any resistance to movement in guide / extension tube.	Vendor to confirm	
3.5	TUNGSTON COLLIMATOR :	Should be minimum five HVL thickness and having end port of 90 degree, interface with extension tube, trouble free movement of Pigtail with source inside collimeter.	Vendor to confirm	

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3.6	TRANSPORT CART/ TROLLY :	Capable to sustain weight of source projector for a long period of min. 25 years without any breakdown. Facilitate easy movement of source projector.	Vendor to confirm
3.7	Locking System :	Source projector assembly shall be provided with minor damage proof & radiation leak proof locking mechanism. Shall have fulproof system to ensure complete retraction of source inside source projector. shall have proper locking system to prevent any unintentional operation.	Vendor to confirm
3.8	Lock cover & Guide tube connector cover :	shall be provided with protective cover to prevent damage to the control connecting system and guide tube connecting system.	Vendor to confirm
3.9	Source Guide Tube Interface :	The device shall be provided with safe Interface to connect guide tube / exposure device to the source connector/pigtail.	Vendor to confirm
3.10	Safety of Operation :	The connection system shall prevent the projection of source from the housing. The connecting system shall ensure that the guide tube/exposure device shall not get disconnected while in operation.	Vendor to confirm
3.11	Safety of Radiation Source :	Source should not come out from housing while not in operation and source movement should be smooth while in use.	Vendor to confirm
3.12	Weight & Dimension :	Actual weight & dimension of the same should be provided.	Vendor to specify
3.13	Design & safety parameter :	Shall meet the AERB & IAEA regulations. Design shall meet International Specification: ISO 3999-1:2004, IAEA TS-R1, ANSI N432.	vendor to confirm and provide relevant document
3.14	Transport Index :	Shall be type approved by the AERB for operation in India. Copy of type approval certificate from AERB should be provided. Type B(U) as specified by IAEA.	vendor to confirm and provide relevant document

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3.15	Label :	Label of radiation danger with sign, serial no. of device etc. shall be well inscribed on the body of the device as per the requirement of IAEA / AERB.	vendor to confirm
4.0	GENERAL REQUIREMENT :		
4.1	Literature :	<p>[1] Vendor to provide detail about quoted Device Model & its accessories as mentioned in scope of supply of this specification along with its technical feature in details with catalogues.</p> <p>[2] Vendor to provide 2 sets hard copy as well as soft copy of operational / instructional manual and maintenance manual in English language of IGRED and applicable accessories.</p>	Vendor to confirm & provide relevant document
4.2	Warranty :	Min. 12 months warranty period from the date of commissioning shall be given for IGRED and its accessories.	Vendor to confirm & Agree
4.3	Training :	Training should be imparted free of cost to our operators & maintenance staff on operation, routine maintenance and trouble shooting for min. 2 days so that they should be in a position to run / maintain the system, independently at BHEL works.	Vendor to confirm & Agree
5	DETAILS TO BE FURNISHED WITH THE OFFER :		
5.1	The Documents stating the approval of AERB (Type/model approval) for installation & safe use in INDIA.		
5.2	Detail about quoted Device Model & its accessories as mentioned in scope of supply of this specification along with its technical feature with catalogues.		
5.3	Point wise reply to each & every point of our specification is a must. If not complied, then the offer will not be considered.		
5.4	Vendor has to furnish the undertaking of the source to take back the disused/ decayed source.		

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6.0	INSTALLATION & COMMISSIONING :			
6.1	Vendor to arrange for installation & commissioning within one month from date of information from CFFP, BHEL, Haridwar, after receipt of the equipment at BHEL, Haridwar. Visual inspection of supplied equipment & accessories for its identification & any damage will be done in presence of vendor's representative.		Vendor to agree	
6.2	Vendor will make installation & comisioning of quoted device in BHEL Haridwar and will prove at BHEL Haridwar for all parameters of its performance.		Vendor to agree	
7.0	ACCEPTANCE CRITERIA AT CFFP, BHEL HARIDWAR :			
	At the time of installation & commissioning at CFFP, BHEL Haridwar, Following points will be checked and have to be satisfied.		Vendor to agree	
7.1	Visual inspection of IGRED & its accessories for its identification & any damage.		Vendor to agree	
7.2	Checking of radiation shielding of IGRED filled with 50 Curie Co-60 source, which should meet the prescribed value as per AERB guideline.		Vendor to agree	
7.3	Documentary evidence provided by source loading agency regarding source size & its strength in Curie at the time of loading of source.		Vendor to agree	
7.4	Smooth functioning of cranking unit & its counter reading for to and fro movement of drive cable			
7.5	Smooth fitment of pigtail with one end of drive cable which will move inside cranking unit.		Vendor to agree	
7.6	Smooth Locking & Un-Locking system of IGRED.		Vendor to agree	
7.7	Smooth fitment of guide tube & extension tube with IGRED.		Vendor to agree	
7.8	Smooth movement of pigtail inside guide tube, upto tip of guide tube & retract back inside IGRED		Vendor to agree	

Signature *Signature*

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7.9	Safe return of source inside IGRED and indicating mechanism for complete retrieval of source inside IGRED.		Vendor to agree	
7.10	Supply of hard & soft copy of operational / instructional manual and maintenance manual in English language of quoted device and applicable accessories.		Vendor to agree	

Prepared By	Checked By	Approved By
		
Vimal Kumar (Mgr SFQC)	Arun Kumar Agarwal (AGM Fdy QC)	SN Ghosh (AGM & Head Q & BE)

BANK GUARANTEE FOR PERFORMANCE SECURITY

Bank Guarantee No:

Date:

To

NAME

& ADDRESSES OF THE BENEFICIARY

Dear Sirs,

In consideration of Bharat Heavy Electricals Limited (hereinafter referred to as the 'Employer' which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns) incorporated under the Companies Act, 1956 and having its registered office at _____¹ through its Unit at.....(name of the Unit) having awarded to (Name of the Vendor / Contractor / Supplier) with its registered office at _____² hereinafter referred to as the 'Vendor / Contractor / Supplier ', which expression shall unless repugnant to the context or meaning thereof, include its successors and permitted assigns), a contract Ref No.....dated³ valued at Rs.....⁴ (Rupees -----)/FC.....(in words.....) for⁵ (hereinafter called the 'Contract') and the Vendor / Contractor / Supplier having agreed to provide a Contract Performance Bank Guarantee, equivalent to% (.... Percent) of the said value of the Contract to the Employer for the faithful performance of the Contract,

we,, (hereinafter referred to as the Bank), having registered/Head office at and inter alia a branch at being the Guarantor under this Guarantee, hereby, irrevocably and unconditionally undertake to forthwith and immediately pay to the Employer any sum or sums upto a maximum amount of Rs -- -----⁶ (Rupees -----) without any demur, immediately on first demand from the Employer and without any reservation, protest, and recourse and without the Employer needing to prove or demonstrate reasons for its such demand.

Any such demand made on the Bank shall be conclusive as regards the amount due and payable by the Bank under this guarantee. However, our liability under this guarantee shall be restricted to an amount not exceeding Rs. _____.

We undertake to pay to the Employer any money so demanded notwithstanding any dispute or disputes raised by the Vendor / Contractor / Supplier in any suit or proceeding pending before any Court or Tribunal, Arbitrator or any other authority, our liability under this present being absolute and unequivocal.

The payment so made by us under this Guarantee shall be a valid discharge of our liability for payment thereunder and the Vendor / Contractor / Supplier shall have no claim against us for making such payment.

We thebank further agree that the guarantee herein contained shall remain in full force and effect during the period that would be taken for the performance of the said Contract/satisfactory completion of the performance guarantee period as per the terms of the Contract and that it shall continue to be enforceable till

all the dues of the Employer under or by virtue of the said Contract have been fully paid and its claims satisfied or discharged.

WeBANK further agree with the Employer that the Employer shall have the fullest liberty without our consent and without affecting in any manner our obligations hereunder to vary any of the terms and conditions of the said Contract or to extend time of performance by the said Vendor / Contractor / Supplier from time to time or to postpone for any time or from time to time any of the powers exercisable by the Employer against the said Vendor / Contractor / Supplier and to forbear or enforce any of the terms and conditions relating to the said Contract and we shall not be relieved from our liability by reason of any such variation, or extension being granted to the said Vendor / Contractor / Supplier or for any forbearance, act or omission on the part of the Employer or any indulgence by the Employer to the said Vendor / Contractor / Supplier or by any such matter or thing whatsoever which under the law relating to sureties would but for this provision have effect of so relieving us.

The Bank also agrees that the Employer at its option shall be entitled to enforce this Guarantee against the Bank as a principal debtor, in the first instance without proceeding against the Vendor / Contractor / Supplier and notwithstanding any security or other guarantee that the Employer may have in relation to the Vendor / Contractor / Supplier 's liabilities.

This Guarantee shall remain in force upto and including.....⁷ and shall be extended from time to time for such period as may be desired by Employer.

This Guarantee shall not be determined or affected by liquidation or winding up, dissolution or change of constitution or insolvency of the Vendor / Contractor / Supplier but shall in all respects and for all purposes be binding and operative until payment of all money payable to the Employer in terms thereof.

Unless a demand or claim under this guarantee is made on us in writing on or before the⁸we shall be discharged from all liabilities under this guarantee thereafter.

We, BANK lastly undertake not to revoke this guarantee during its currency except with the previous consent of the Employer in writing.

Notwithstanding anything to the contrary contained hereinabove:

- a) The liability of the Bank under this Guarantee shall not exceed.....⁶
- b) This Guarantee shall be valid up to⁷
- c) Unless the Bank is served a written claim or demand on or before⁸ all rights under this guarantee shall be forfeited and the Bank shall be relieved and discharged from all liabilities under this guarantee irrespective of whether or not the original bank guarantee is returned to the Bank.

We, _____ Bank, have power to issue this Guarantee under law and the undersigned as a duly authorized person has full powers to sign this Guarantee on behalf of the Bank.

For and on behalf of
(Name of the Bank)

Dated.....

Place of Issue.....

1 NAME AND ADDRESS OF EMPLOYER I.e. Bharat Heavy Electricals Limited

2 NAME AND ADDRESS OF THE VENDOR /CONTRACTOR / SUPPLIER.

3 DETAILS ABOUT THE NOTICE OF AWARD/CONTRACT REFERENCE

4 CONTRACT VALUE

5 PROJECT/SUPPLY DETAILS

6 BG AMOUNT IN FIGURES AND WORDS

7 VALIDITY DATE

8 DATE OF EXPIRY OF CLAIM PERIOD

List of BHEL Consortium Bank

Sl. No.	Name of the bank
1	State Bank of India
2	Canara Bank
3	IDBI Bank Limited
4	ICICI Bank Limited
5	HDFC Bank Limited
6	Axis Bank
7	IndusInd Bank Limited
8	Bank of Baroda
9	Exim Bank
10	Indian Bank
11	Punjab National Bank
12	Union Bank of India
13	Yes Bank Limited
14	RBL Bank Ltd.
15	Standard Chartered Bank
16	Indian Overseas Bank
17	Kotak Mahindra Bank Limited
18	Federal Bank Limited
19	Hongkong and Shanghai Banking Corporation Ltd

Note: Any changes on above list shall be intimated before executing LC / BG.

AUTHORISATION LETTER
FOR E-PAYMENT/ELECTRONIC FUNDS TRANSFER (EFT/RTGS)
PLEASE FILL UP THE FORM IN CAPITAL LETTERS ONLY

ANNEXURE-D
Page 1 of 1

TYPE OF REQUEST (Tick One) ☐ CREATE ☐ CHANGE

BHEL Vendor/ Supplier Code

Company's Name

Address

City

Pincode

State

Contact Person(S)

Telephone NO.

FAX. No.

e-mail id

1. Bank Name

2. Bank Address

3. Bank Telephone No.

4. Bank Account No.

5. Account Type.

6. Bank's Branch Code

7. Bank Swift Code

(aplicable to EFT only)

8. Enclose blank cancelled cheque

DECLARATION

1. I as representative/Owner of the above named company, hereby authorize BHEL CFFP, Ranipur, Haridwar to electronically make payments to the designated bank account. I hereby certify that the particulars given above are true, complete and correct.

(2) If the transsation is delayed or not effected at all for reasons of incomplete or incorrect information, I would not hold BHEL/transfereing Bank responsible.

3. This authority remains in full force untill BHEL, CFFP, Ranipur, Haridwar receives & acknowledge written notification requesting a change or cancellation.

4. I have read the contents of the covering letter and agree to discharge the responsibilty expected of me as a participant under E-payment/EFT/RTGS.

Date:

Authorized Signatory

Designation

Company Seal

Verification By Bank