



भारत सरकार  
GOVERNMENT OF INDIA  
नाभिकीय ईंधन समिश्त्र  
NUCLEAR FUEL COMPLEX

## **TENDER DOCUMENT**

**Tender No.: NFC/EP/09/2026**

**Design, Supply, Installation, Testing and commissioning of  
2MW<sub>p</sub>, 415 V grid interactive solar PV systems on roof tops  
of PFFF buildings along with 5 years of Annual  
comprehensive maintenance at Nuclear Fuel Complex  
(KOTA), Rawatbhata, Rajasthan**



GOVERNMENT OF INDIA  
DEPARTMENT OF ATOMIC ENERGY  
NUCLEAR FUEL COMPLEX  
ELECTRICAL PROJECTS  
HYDERABAD – 500 062



**NOTICE INVITING E-TENDER (NIT)**  
**DOMESTIC COMPETITIVE BIDDING (DCB)**

Design, Supply, Installation, Testing and commissioning of 2MW<sub>p</sub>, 415 V grid interactive solar PV systems on roof tops of PFFF buildings along with 5 years of Annual comprehensive maintenance at Nuclear Fuel Complex (KOTA), Rawatbhata, Rajasthan

TENDER NOTICE NO.: NFC/EP/09/2026

**1.0 INTRODUCTION**

- 1.1 Online item rate tenders (e-tendering) available in CPP Portal (URL: <https://eprocure.gov.in/eprocure/app>) in TWO PART SYSTEM are invited on behalf of the President of India from contractors having experience in similar works and enrollment in CPP Portal.
- 1.2 The estimated cost of the work is approximately **₹ 8.5 Crores** (including 18% GST, applicable EPF & ESI, Bonus etc.)

**2.0 DETAILED SCOPE OF WORK**

Detailed Scope of work shall be briefly but not limited to the scope of work as mentioned in **Appendix-VII** to this Detailed NIT. The scope of work shall include all specifications, terms and conditions, schedule of rates etc. as included in the bidding document and its subsequent amendment, if any.

- 3.0 **TIME SCHEDULE**: The time schedule for completion of work in all respects shall be **10 (Ten) calendar months** to be reckoned from the 15<sup>th</sup> day after the date of written orders to commence the work. The site is available to carry out the work.

#### 4.0 SALIENT FEATURES OF BIDDING DOCUMENT

S. No.	Salient Feature	Details
4.1	Cost of Tender Document	: NIL
4.2	Fee for Tender processing	: NIL
4.3	<b>EMD</b>	: <b>₹ 17,00,000 (Rupees Seventeen lakhs)</b>  1) <b>EMD</b> in original, shall be submitted in the form of Insurance Surety Bond /Demand Draft/Banker 's cheque/FDR of a Scheduled Bank issued in favour of "Pay and Accounts Officer, NFC", payable at Hyderabad  OR in the form of online payment through Non-Tax Receipt Portal (NTRP)also known as 'Bharatkosh'. i. The Head of Account for EMD is 844300103020000. ii. PAO Code is 046151 and DDO Code is 20090. iii. Ministry/Department is "Atomic Energy". The soft copy of the online payment Receipt and Challan generated through the system may be uploaded along with the format given in 'Annexure to NIT' for enabling refund of EMD.  2) A part of EMD is acceptable in the form of bank guarantee also. In such cases 50% of earnest money or ₹ 20.00 Lakhs whichever is less, shall have to be deposited in the form as prescribed above at s.no. 1 and balance can be accepted in form of bank guarantee issued by a scheduled bank in a format given in Annexure-III to SCC. BG shall be in favour of PAO, NFC (A/c No 31290637116, SBI Mallapur branch, IFSC SBIN0009071).  3) The validity of EMD shall be in line with bid validity period from the date of opening of tender/ extended due date in case of time extension. 4) Tender/Offer without valid EMD and fees mentioned at Sr. No. 4.1, 4.2 above shall be summarily rejected. 5) SSI/MSME/PSU (Central & State) are not exempted from submission of EMD, and tender Processing fee

S. No.	Salient Feature	Details
4.4	Submission of EMD to NFC	<p>1. <b>Original EMD</b> shall be submitted to <b>Chief Engineer &amp; Dy. Chief Executive (CED, PD &amp; EP) Electrical Projects, 2nd Floor, Sarathi Building, Nuclear Fuel Complex, Hyderabad-500062</b></p> <p>2. The copy of EMD in all forms as submitted Shall be scanned and uploaded in CPP portal within the period of bid submission cut-off date and time.</p> <p>3. The tender/offer will be rejected if EMD is not found in order and hard copy of the original EMD is not submitted or online payment Receipt and Challan is not uploaded in case the EMD is paid via NTRP.</p>
4.5	Various dates for process of the tender:	
a)	Dates for Tender availability for downloading & view	<p>From 19.05.2026</p> <p>On CPP Portal (URL:<a href="https://eprocure.gov.in/eprocure/app">https://eprocure.gov.in/eprocure/app</a>)</p>
b)	Dates for Site Visit and Pre-bid Queries	<p><b>1.1</b> Site visit and Pre-Bid queries shall be from <b>20.05.2026 to 30.05.2026</b></p> <p><b>1.2</b> Applicants are advised to inspect and examine the site explore the resources available and its surroundings and satisfy themselves before submitting their tenders as to the nature of the ground and sub-soil (so far as is practicable), the form and nature of the site, the means of access to the site. The accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. Applicant shall be deemed to have full knowledge of the site conditions whether he inspects it or not and no extra charges consequent on any mis understanding or otherwise shall be allowed at a later date.</p> <p><b>1.3</b> Qualification for Site Visit: Applicants who are apparently meeting the pre-qualification eligibility criteria as mentioned in this NIT shall only be allowed to visit site.</p>

S. No.	Salient Feature	Details
		<p>For this purpose, applicant need to give prior intimation to the <b>Chief Engineer &amp; Dy. Chief Executive (CED,PD &amp; EP)</b> mentioning the intention of site visit, with details of persons visiting site to the mail <a href="mailto:rekha@nfc.gov.in">rekha@nfc.gov.in</a>, <a href="mailto:sruthi@nfc.gov.in">sruthi@nfc.gov.in</a> and <a href="mailto:tsaha@nfc.gov.in">tsaha@nfc.gov.in</a> by above dates. The schedule of site visit with contact person details etc will be intimated through mail firms individually.</p>
c)	<p>Dates for on line submission/ uploading of offer duly filled in bid documents</p>	<p>: Bid documents downloaded during tender availability shall be duly filled in and uploaded on line along with EMD details from 02.06.2026 to 10.06.2026</p>
d)	<p>Dates for submission of EMD in original &amp; hard copies of proof of eligibility criteria etc. (As per para 10.0),</p>	<p>: EMD in original shall be submitted or handed over from <b>02.06.2026 to 11.06.2026 during office i.e., 8.45 to 16.45 hrs on working days and by 14.00 hrs. on the day of opening 12.06.2026 to</b>  <b>Chief Engineer &amp; Dy. Chief Executive (CED, PD &amp; EP)</b>  <b>Electrical Projects,</b>  <b>2nd Floor,</b>  <b>Sarathi Building,</b>  <b>Nuclear Fuel Complex,</b>  <b>Hyderabad-500062</b></p> <p>Delayed offers due to Postal delay or any other reason whatsoever will not be considered.</p>
e)	<p>Date and time of on-line opening of Part -I (techno-commercial documents) and Part - II (Financial Bid)</p>	<p><b>Part-I opening on 12.06.2026 at 15:00 hrs</b> at the Office of <b>Chief Engineer &amp; Dy. Chief Executive (CED, PD &amp; EP)</b>  <b>Electrical Projects,</b>  <b>2nd Floor,</b>  <b>Sarathi Building,</b>  <b>Nuclear Fuel Complex, Hyderabad-500062</b></p> <p>Interested parties may participate in Tender Opening.  Part-II opening date shall be intimated later to qualified bidders through CPP portal.</p>
f)	<p>Bid Validity [For details, Refer Cl. 24.0]</p>	<p>: The Bid shall be valid for a period of <b>180 days</b> from the date of opening (extended due date in case of time extension) of Bid. If any tenderer withdraws his tender before the said period or makes any modification in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy be at liberty to forfeit <b>50% of said EMD</b> as aforesaid and debar the bidder for a period of one year from participation in tendering as aforesaid  The bidder shall extend the validity period on written request from NFC. Accordingly, validity of EMD shall also be extended.</p>

S. No.	Salient Feature	Details
4.6	Contact Person of NFC for clarification /information on Tender	: <b>Smt Vijaya Rekha Executive Engineer, Electrical Projects, 2nd Floor, Sarathi Building, Nuclear Fuel Complex, Hyderabad-500062 .</b> Ph: 040-2718 4010 or 040 -2718 3148 or 040-2718 3284 during office hours. Email: <a href="mailto:rekha@nfc.gov.in">rekha@nfc.gov.in</a> , <a href="mailto:sruthi@nfc.gov.in">sruthi@nfc.gov.in</a> and <a href="mailto:tsaha@nfc.gov.in">tsaha@nfc.gov.in</a>
4.7	Requirements for registration in CPP Portal for participation in e-tender of NFC	: For registration, Digital signature of class III (DSC) is required. Bidders shall register in CPP Portal.  <b>Guidelines / Procedure for participation in tender is available at Appendix -X of this NIT.</b>
4.8	Contact Person for e-tendering process and registration	: Help / Assistance in process of tendering i.e., downloading, uploading of tender etc., will be extended through 24x7 help desk of CPP Portal or chat app available.

Guidelines / Procedure for participation in tender is available at Appendix X of this NIT.

## 5.0 **BIDDER'S ELIGIBILITY CRITERIA (BEC)**

5.1 Experience Criteria (Eligibility criteria for participation in tendering). Bidder shall satisfy the criteria given below.

Estimated Cost for the work is **₹ 8.5 Crores**

- (A) The contractor should have satisfactorily completed during last 7 years ending **30.04.2026**
- One completed similar work not less than **₹ 6.8 Crores**  
'OR'
  - Two similar completed works each costing not less than **₹ 5.1 Crores**  
'OR'
  - Three similar completed works each costing not less than **₹ 3.4 Crores**
- (B) The value of executed work will be brought to the current costing level by enhancing the actual value of work at simple rate of 7% per annum to be calculated from the date of completion to the previous day of last date of receipt of tender as mentioned in NIT/extended due date in case of time extension. The cost of materials supplied free of cost by the Client, shall be excluded in value of order.
- (C) For the purpose of this clause, 'similar work' means – **Electrical works involving Supply, Installation, Testing and commissioning of at least 500KW<sub>p</sub> capacity grid interactive solar PV systems.**
- (D) In addition to 5.1 (A), bidder shall have mandatorily executed **One completed work of Supply, Installation, Testing and commissioning of grid tied solar PV system with some Central/State Government Department/Autonomous Body/ Public Sector Undertaking** in any of the

qualified works (5.1 A.a to 5.1 A.c) or separate completed work orders during last 7 years ending 30.04.2026

- (E) In case a submitted similar work includes both Supply, Installation, Testing & Commissioning (SITC) and Annual Maintenance Contract (AMC) components, such work shall be considered eligible provided the solar plant has been successfully commissioned before the bid submission date. For the purpose of evaluating the value of eligible work, only the completed SITC value and the annual AMC value actually executed/completed for the year prior to the bid submission date shall be considered. AMC value pertaining to the unexpired/future maintenance years shall not be considered. The work completion/commissioning certificate submitted by the bidder shall clearly indicate the value of work executed and the amount billed/paid up to the bid submission date.
- (F) Contractor shall hold valid Electrical License issued by Chief Electrical Inspectorate. Attested copy of the same shall be submitted along with bid.
- (G) All Solar PV panels shall be from manufacturers listed in the Approved List of Models and Manufacturers (ALMM) List-I for Solar PV modules, as issued and updated by Ministry of New and Renewable Energy (MNRE), Government of India. All Solar PV modules supplied shall be manufactured using solar PV cells sourced exclusively from manufacturers listed in ALMM list-II for solar PV cells, as issued and updated by MNRE in accordance with the mandate effective June 1, 2026. Contractor shall submit an undertaking in this regard and shall be mandatorily uploaded as a part of tender on CPP portal. This is required for evaluation of tender.
- (H) FOR EXPERIENCE BASED ON COMPOSITE WORKS
- I. In case applicant has executed composite works which includes the qualifying similar nature of works for a minimum value as stated in 5.1 (A) & 5.1 (C), then value of such similar work meeting the qualification criteria out of the total value of composite works shall be considered for the purpose of pre-qualification.
- II. For composite works, in the event the value of the qualifying work(s) cannot be ascertained from the work order/ completion certificate submitted by applicant, copy of Schedule of Rates (SOR), relevant pages of Contracts, Copy of relevant pages of final bill certified by OWNER, highlighting the items for establishing requirement of ELIGIBILITY Experience Criteria or written letter from their Owner specifying the nature of work with quantities and values can be submitted for pre-qualification.
- (I) In-house work experience: In-house work experience shall not be considered as valid experience for the purpose of qualification.
- (J) The bid of consortium/ joint venture and foreign bidders are not allowed. However, Experience of Joint venture will be considered and in such case, the experience of only bidding entity for qualification is taken..
- (K) Experience of work by subletting will be considered for Govt. works only. In such case approval for subletting the work shall be certified by not below rank of Executive Engineer

Attested copies of experience certificates as proofs of evidence as stated in 5.1 (A) and 5.1 (D) above are to be uploaded.

Experience certificates preferably in the format given in Appendix-V and duly filled in FORM-C included in the bid document (Technical Evaluation sheet) should be uploaded

5.2 **Financial Criteria** (Eligibility criteria for participation in tendering)

- A) All conditions as detailed at this clause no. 5.2 (i.e. Financial Criteria) below shall be satisfied by the bidder.
- B) For Bid Evaluation, Bidder shall furnish complete audited annual financial year statements including audit report, balance sheets, profit & loss accounts statement and all other schedules etc. for the immediate preceding five financial years, in support of meeting the financial criteria as mentioned above.
- C) The average annual financial turn over on construction works/ Works Contracts should be at least 100% of the estimated cost i.e. **₹ 8.5 Crores** during the immediate last 3 consecutive financial years ending with **2024-25**.

For Bid Evaluation/ Pre-qualification, bidder's financial statement for 12 months as shown in their financial statement shall be considered as financial year

- (i) The Bidder should not have incurred any loss in more than two years during last 5 years period ending with last financial year 2024-25.
- (ii) Copy of Auditor's Balance sheet and duly filled in FORM-A included in the bid document (Tech Forms A to H) should be uploaded by bidders in support of the Annual Turnover criteria.

**The turnover certificate including Loss/ Profit from the Chartered Accountant** for the **last five years** as mentioned in the bid document should also be uploaded.

- D) **Solvency:** Bidder should have the solvency amount equal to or not less than **₹ 3.4 Crores**. Valid Bank solvency certificate (as per format given in Appendix-III) issued by a Scheduled Bank for a minimum of **₹ 3.4 Crores** not older than one year from the last date of receipt of tender/extended due date in case of time extension and duly filled FORM-B of bid document (Tech Forms A to H) are required to be uploaded and submitted
- E) **BIDDING CAPACITY:** The bidding capacity of the bidder should be equal to or more than the estimated cost of this Tender work i.e. **₹ 8.5 Crores**. The bidding capacity shall be worked out by the following formula:

$$\text{Bidding Capacity} = [A \times N \times 2] - B$$

Where,

A = Maximum turnover in construction works executed in one year during the last 5 years taking into account the completed as well as work in progress. The value of works shall be brought to current costing level by enhancing at simple interest of 7% per annum till last day of submission of tender/extended due date in case of time extension.

N = Number of years prescribed for completion of work for which bids has been invited i.e., 0.83 Years

B = Value of existing commitments and ongoing works to be completed during the period of completion of work of this tender.

Certificates of running works/Works in progress, duly filled in FORM-D included in the bid document (Technical Evaluation sheet) should be uploaded.

F) Registration of GST ,PAN, LIN, ESI & EPF (Copies to be scanned and uploaded)

5.3 Technical and Administrative Personnel: List of Technical Staff and administrative personnel possessed by bidder is to be indicated in FORM-G included in the bid document (Technical Evaluation sheet) should be uploaded and submitted. The minimum requirement of Technical Staff and administrative personnel for the work proposed to be deployed by the bidder for completion of work in all respects shall be as per Appendix-I to this detailed NIT. The period of absence of technical manpower will be charged and deducted from your bills.

5.4 Plant, Equipment and Machinery: Plant, minimum equipment and machinery required for completion of work in all respects within the time schedule proposed to be deployed or to be hired for the work shall be as per Appendix-II to this Detailed NIT. However, the equipment details possessed or hired shall be indicated in FORM-H included in the bid document (Technical Evaluation sheet) and should be uploaded and submitted

5.5 **CRITERIA FOR EVALUATION OF THE PERFORMANCE OF CONTRACTORS**

The detailed submitted by the bidders will be evaluated in the following manner:

5.5.1 The initial criteria prescribed above in respect of experience of eligible similar works completed, loss, Banker's certificate, financial turnover and bidding capacity etc. will first be scrutinized and the bidder's eligibility for the work be determined.

Attributes		Evaluation					
(a)	Financial strength	(20 marks)					
	(i) Average annual turnover	16 marks	(i) 60% marks for minimum eligibility criteria (ii) 100% marks for twice the minimum eligibility criteria or more In between (i) & (ii) - on pro-rata basis				
	(ii) Banker's Certificate	4 marks					
(b)	Experience in similar class of works	(20 marks)	(i) 60% marks for minimum eligibility criteria (ii) 100% marks for twice the minimum eligibility criteria or more In between (i) & (ii) - on pro-rata basis				
(c)	Performance on works (Time over run)	(20 marks)					
	Parameter		Score				Max. Marks
	If TOR =		1.00	2.00	3.00	>3.50	20
	(i) Without levy of compensation		20	15	10	10	
	(ii) With levy of compensation		20	5	0	-5	
	(iii) Levy of compensation not decided		20	10	0	0	
	TOR = AT/ST, where AT= Actual Time; ST= Stipulated Time in the Agreement plus (+) justified period of Extension of Time Note: Marks for value in between the stages indicated above is to be determined by straight line variation basis						
(d)	Performance of works (Quality) as per Assessment (40 marks)						
	Name of the Completed Similar Works		(Total marks assessed)				

5.5.2 The bidders qualifying the initial criteria as set out above will be evaluated for following criteria by scoring method on the basis of details furnished by them.

- (a) Financial strength - Maximum 20 marks
  - (b) Experience in eligible similar nature of work during last seven years - Maximum 20 marks
  - (c) Performance on works - Time over run - Maximum 20 marks
  - (d) Performance on works – Quality - Maximum 40 marks
- Total 100 marks

To become eligible for short listing the bidder must secure at least sixty percent marks in each (section a & b) fifty percent marks in each (section c & d) and sixty percent marks in aggregate.

For the purpose of quality evaluation of eligible works submitted by the bidder, the Competent Authority / Purchaser may decide the number of works to be inspected, the specific works to be selected for inspection/evaluation from amongst the submitted works, and the methodology for such evaluation. The decision of the Competent Authority in this regard shall be final and binding on the bidder.

Note: The average value of performance of works for time over run and quality shall be taken on the basis of performance report and eligible similar works.

<b>Parameter for Quality Assessment</b>	<b>Marks Awarded</b>
Defects at Commissioning / Handing Over	/5
Equipment Warranty Performance	/5
Compliance with Guaranteed Performance Ratio (PR)	/5
Cable Laying & Termination Quality	/5
Module Mounting Structure Quality	/5
Testing & Commissioning Documentation	/5
Safety Record During Execution	/5
Disputes / Arbitration / Litigation	/5
<b>Total Marks</b>	<b>/40</b>

- 6.0 SSI/MSME/PSU (Central & State) are not exempted from submission of EMD. Purchase preference for SSI/MSME/PSU shall not be provided for this tender.
- 7.0 Zero deviation basis: Bidders are requested to submit their bids on Zero deviation basis in total compliance to Tender Document without any deviation / stipulation / clarification / assumption. Accordingly, Bidder must submit format for “Compliance to Bid requirement” as per attached format ‘Appendix-VI to Notice Inviting e-Tender’, duly filled in along with Techno-Commercial Bid. Bidders taking deviations to the provisions of Tender Document shall be summarily rejected.
- 8.0 On CPP Portal, all documents of NIT Document, work item documents including technical evaluation documents constitute techno commercial bid. Among them, technical evaluation sheets and documents under Para 10 only shall be uploaded and only EMD submitted in hard copies at the time of opening of Techno-commercial bid.
- 9.0 Certificates to be uploaded after clubbing as given below and to be scanned and uploaded online during submission of bid documents.

- i) Scanned copy of EMD, Financial Turnover, Profit and Loss, Solvency, Bidding Capacity.
- ii) Scanned copies of completion certificates of works completed and work orders for works in hand.
- iii) Scanned copy of list of construction plant and machinery and technical staff.
- iv) Scanned copy of Registration, GST, PAN, ESI, EPF and LIN.
- v) Scanned copy of bidder declaration and tender acceptance, ALMM undertaking.
- vi) Duly filled Forms A to H and checklist along with Technical Evaluation Sheet.
- vii) Scanned copy of other documents as per NIT.

**The hard copies of EMD only shall be submitted as defined in submission of tenders.**

**EMD may also be submitted in the form of online portal through Non-Tax Receipt Portal (NTRP) also known as Bharatkosh. Head of account for EMD is 844300103020000 with PAO code 046151 and DDO code 200901, NFC and Ministry/Department as “Atomic Energy”. The soft copy of online payment receipt and challans generated through the system may be uploaded along with the bid in the enclosed format “Annexure to NIT” for enabling refund of EMD.**

The following are the Technical Evaluation sheets in .xls format to be uploaded related to the qualification criteria available. The data so filled will be verified with respect to the above documents uploaded.

- FORM- A: Financial information
- FORM-B: Solvency certificate from Applicant’s Bankers
- FORM-C: Details of all works of similar class completed during the last seven years.
- FORM-D: Projects under execution or awarded
- FORM-E: Performance report of works referred to in form “C” & “D”
- FORM-F: Structure & organization
- FORM-G: Details of technical & administrative personnel to be employed for the work
- FORM-H: Details of plant & equipment likely to be used in carrying out the work
- FORM-I: technical eligibility details
- CHECKLIST

**10.0** Entire Tender document is available on CPP Portal

Schedule-A to F illustrating Schedule of quantities (SOQ), Material supplied by the Department, Land earmarked and tools and plants to be hired by contractor, Extra schedule for specific requirements/documents for work, % of material component for clause 10(C) (C), Provisions applicable in clauses of contract.

Schedule of Quantities (SOQ) is e-formats available in Finance bid shall be filled and uploaded. NO hard copy shall be submitted.

NOTE: Contractor shall download Finance bid or SOQ (Bill of Quantities) as above and save on the system on the desktop without changing file names

**11.0** Corrigendum/amendment: The changes, if any, in the tender subsequent to uploading by the department like extension of dates of NIT, specifications or item descriptions or quantity or units etc., are available and they will form part of tender.

11.1 Mode of submission of offer: The offer to be submitted consists of

12.2.1: On-line submission of bid documents- Technical evaluation formats- forms A to H, Checklist and Schedule of Quantities of Bid document after filling requisite data are to be uploaded with the same file name after input of EMD details within the time and date of On-line submission as given.

**No hard copies of Filled-up Schedule of A or Schedule of quantities (Financial Bids) shall be submitted.**

12.2.2: Submission of Hard copies of certificates: Only hard copy of EMD in original shall be submitted for fulfillment of tender conditions to **Chief Engineer & Dy. Chief Executive (CED, PD & EP) , Electrical Projects, 2nd Floor, Sarathi Building, Nuclear Fuel Complex, Hyderabad-500062** within the time and date of submission of credentials.

The original EMD shall be placed in single sealed Cover superscribed as “EMD”.

Hard copy of other documents need not be submitted, only the soft copies in pdf format to be uploaded in the CPP portal.

The cover shall have mention of Name of work, date & time of opening of bids **addressed and submitted to Chief Engineer & Dy. Chief Executive (CED, PD & EP), Electrical Projects, 2nd Floor, Sarathi Building, Nuclear Fuel Complex, Hyderabad-500062** on or before last date and time of submission as notified. The documents submitted shall be opened at 15:00 hrs on the same day.

12.0 The delayed or late offers will be summarily rejected. Department will not be responsible for Postal delays.

13.0 Contractor can upload documents in the form of PDF, JPG and Zip format.

14.0 Any additional information given/ sought for techno-commercial clarifications during pre-bid clarifications and corresponding document will form part of contract shall be scanned and uploaded.

15.0 NFC reserves its right to verify authenticity of any documents/ certificates at their own discretion directly from the concerned certificate issuing authority/ offices.

16.0 Return of EMD on Disqualification: The qualification bid documents as per NIT shall be evaluated and names of eligible bidders are approved by the competent authority after evaluation as per Eligibility Criteria mentioned at para 5.0 above. The EMD of bidders who are not qualified in pre-qualification/qualification stage will be returned.

17.0 Document Certification: All pages of Techno-Commercial documents for pre-qualification/qualification are to be duly self attested by bidder. However, NFC reserves its right to verify authenticity of any such documentation/ certification at their own discretion directly from the concerned certificate issuing authority/ offices.

18.0 e - tender system neither allow the bidder to download the empty bid documents such as technical evaluation sheets (Forms A to H), Checklist and schedule of quantities nor accept to upload the same after due dates and time given in NIT.

19.0 Technical meeting may be conducted if required for discussions for evaluation or clarifications.

20.0 Bidders are required to submit the requisite data with bid itself

20.1 **Mode of filling Financial Bid**

Bidder must ensure to quote rate of each item. The column in blue colour is meant for quoting rate in figures. However, while selecting if any cell has the value as “0” which indicates that the item is being considered free of cost. A warning will be available for such unfilled cells. Hence, bidder should ensure that the rates of all items shall be filled properly before uploading/ submission.

20.2 After submission of bid, bidder can resubmit revised bid any number of times but before last date and time of submission of bid as notified.

20.3 While submitting revised bid, bidder can revise the rate of one or more item(s) any number of times but before last date and time of submission of bid as notified.

20.4 Only if it is desired by the department, to submit revised financial bid, then it shall be mandatory for the bidder to submit revised financial bid. If not submitted, then the bid submitted earlier shall become invalid.

20.5 Bidder shall not disclose rates quoted in Financial Bid nor shall enclose/submit any hard copy along the EMD.

20.6 Predatory pricing is not accepted.

21.0 The bid submitted shall become invalid and will be rejected if

- (i) EMD is not found in order and hard copy of the original EMD is not submitted or online payment Receipt and Challan is not uploaded in case the EMD is paid via NTRP
- (ii) The bidder is found ineligible.
- (iii) The bidder does not upload all the documents as stipulated in the NIT.
- (iv) Any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted in the Cover I & Cover II physically in the office of tender opening authority.
- (v) The tender is cancelled by the department.

22.0 Return of EMD on Disqualification: The qualification bid documents as per NIT shall be evaluated and names of eligible bidders are approved by the competent authority after evaluation as per Eligibility Criteria mentioned at para 5.0 above. The EMD of bidders who are not qualified in evaluation stage/unsuccessful bidders will be returned.

23.0 **Performance Guarantee (PG):** Each Solar PV modules used in solar power plants/ systems must be warranted for their output peak watt capacity, which should not be less than 90% at the end of 10 years and 80% at the end of 25 years from the completion of the trial run. Hence the bidder whose offer is accepted is required to submit **LTPG (long term performance guarantee) of 5% of tendered and accepted value** valid for two years and extendable up to ten years 6 months within a period of 7 days from the date of issue of LOA. If PG is not submitted within the period mentioned in LOA, period will be extended with a late fee of 0.1% per day of PG amount.

It shall be in the form of Demand Draft/Pay Order/Banker's cheque/Deposit at Call receipt/FDR of a Scheduled Bank issued in favour of Pay & Accounts Officer, NFC payable at Hyderabad or Bank Guarantee from any scheduled Bank.

The LTPG shall be released at the end of 10 years after successful performance test (flash test at MNRE/NABL approved lab or on site test as per IEC), conducted by the contractor for similar number of modules as was done during acceptance test and on production of work completion certificate from concerned officer-in-charge. Otherwise LTPG shall not be released.

**24.0 Work Security Deposit (SD):** During execution of work, **Security Deposit (SD)** will be deducted from Running Bills @ **10% of tendered and accepted value**. The EMD submitted along with the Tender will be returned after receipt of performance guarantee. If so desired by the contractor, the total SD amount can be deposited in the form of Demand Draft or Pay Order or Banker's Cheque or Deposit at call Receipt or FDR in favour of Pay & Accounts Officer, NFC payable at Hyderabad.

Plant shall be designed and guaranteed by the bidder for total minimum annual generation of each plant as given below. However, Minimum Specific Energy production of 1600 kWh/KW<sub>p</sub>/year shall be guaranteed. Any reduction in units generated beyond 95% of guaranteed value as per below table, recovery shall be applicable.

	2000 KWp system
First Year	.....Units (kWh)
Second Year	.....Units (kWh)
Third Year	.....Units (kWh)
Fourth Year	.....Units (kWh)
Fifth Year	.....Units (kWh)

SD shall be released at the rate of 2% over a period of 5 years of O&M, after end of each year considering recovery" if any" due to lower value of energy generated. The charges of recovery units shall be prevailing units' charges at that time.

During maintenance if the successful bidder fails to rectify the plant downtime within seven (7) days from the date of identification of such defect, unless the time to restore is mutually discussed and agreed between the bidder and purchaser, the same shall be rectified by purchaser at the expenses of the successful Bidder.

A Diploma Engineer (with min. 5-year experience) needs to visit at least once a month (or a period mutually agreed between department and contractor during detailed engineering) during 5-year O&M period. Failing which amount as per Schedule-F shall be deducted from SD.

However, if the net penalty for a year on account of reduced generation exceeds the annual O&M charges, then O&M SD shall be encashed suitably. There will be no incentive to the bidder for more than guaranteed generation.

Force Majeure: - Reduction in generated electricity/damage due to earthquake, war, other natural calamity & other acts of God, the above penalty clauses shall not apply.

**25.0 O&M Security Deposit (SD):** The plant has to be operated and maintained (O&M) by contractor for a period of 5 years with committed energy generation. After completion of all site work (except the O&M work) which shall necessarily be after commissioning of all inverters and incorporation of all comments raised during inspection of departmental team authorized by Chief Engineer, the contractor shall declare a plant completion date and submit a completion certificate to

department to this effort. "O&M" duration of 5 years shall start from the plant completion date accepted by department.

The contractor shall furnish as deposit 10% of total value of items executed before submission of plant completion certificate which is referred as "O&M security deposit". This deposit can be in the form of Bank Guarantee/Bankers Cheque/Demand Drafts/Pay order/Deposit at call receipt of any Scheduled Bank in favour of Accounts Officer, Purchaser's. Validity of this "O&M security deposit" shall be up to 66 months from the departmentally accepted plant completion date.

O&M Security deposit will be returned after completion of 5 years of O&M period or after release of final component of work SD whichever is later.

**26.0 Bid Validity:** The tender for the works shall remain open for acceptance for a period as specified in NIT clause no. 4.5 (g). If any bidder withdraws his tender before the said period or makes any modifications in the terms and conditions of the tender which are not acceptable to the department, then the Government shall, without prejudice to any other right or remedy, be at liberty to forfeit 50% of said EMD as aforesaid and debar the bidder for a period of one year from participation in tendering as aforesaid. The bidder shall extend the validity period on written request from NFC.

**27.0 Other Conditions:**

**Site Visit:** Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tenders, the form and nature of the site, the means of access to the site. The accommodation they may require and in general shall themselves obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender. Bidder shall be deemed to have full knowledge of the site conditions whether he inspects it or not and no extra charges consequent on any misunderstanding or otherwise shall be allowed at a later date.

**28.0** Bidders who are apparently meeting the eligibility qualification criteria as mentioned in this NIT shall only be allowed to visit site. For this purpose, bidder to submit request to the contact person of NFC as mentioned in 4.6 above through email for verification and getting time slot and date from NFC for visiting the site as scheduled by NFC.

**29.0** The bidder shall be responsible for arranging and maintaining at his own cost all materials, tools & plants, water, electricity access, facilities for workers and all other services required for executing the work unless otherwise specifically provided for in the contract documents. Submission of a tender by a tenderer implies that he has read this notice and all other contract documents and has made himself aware of the scope and specifications of the work to be done and of conditions and rates at which stores, tools and plant, etc., will be issued to him by the Government and local conditions and other factors having a bearing on the execution of the work.

**30.0** Police Verification for Laborers : Police verification certificate of all laborers engaged at site shall be obtained by the bidder for issuance of entry pass at site.

**31.0** Contractor shall submit Police Verification Certificate (PVC) of staff and/or labour to be engaged for the work and contractor shall pay as per the stipulations of local authority or as applicable at the site of work per certificate. All stipulations and instruction given by security personnel, CISF/ Security agency from time to time shall be scrupulously be followed for entry/ exit of men and materials and as also during execution of work for security purpose. The rates quoted shall be inclusive of PVC charges and no extra payment will be paid from department in this regard.

**32.0** The rates quoted shall be inclusive of all material, men, equipment/ plant/ machinery required for satisfactory completion of item in all respects and shall be inclusive of all

taxes like income tax, GST, labour cess, seigniorage, excise duty, ESI, EPF, Bonus, etc. The rate shall also include Contractor's all risk insurance policy, Police verification Certificates of labour/staff engaged/ licenses, special safety measures etc., as explained in Special Clauses of Contract (SCC).

**Contractor has to submit Medical certificates, ESI & EPF particulars for staff engaged before execution of the work. The workmen employed for this work shall have a distinct uniform. Minimum wages paid to the workmen employed shall be as per the latest circular issued by Ministry of labour.**

**Also contractor is responsible for removal /shifting to an identified location the debris/ scrap produced during the execution of the work.**

**33.0** However, for payment of escalation, Statutory Variation in taxes and duties shall be compensated as per the relevant clauses applicable in Tender.

**34.0** Contractor shall ensure the following.

- i) Compliance of Contract Labour (Regulation & Abolition), Act 1970 (as amended from time to time).
- ii) Payment of Minimum wages as circulated by RLC(C) from time to time. Along with their bid, contractor shall submit an undertaking that he would make payment of minimum wages to the workers engaged by him in the work from time to time.
- iii) Coverage and compliance of EPF and ESI to the laborers and details of contribution towards ESI & EPF shall be submitted to the department. Maintenance of Muster Roll and Wage register.
- iv) Copy of License and LIN No. with half yearly returns/ periodical returns shall be submitted to the department.
- v) Provide copy of notice of commencement /completion of contract work submitted to the Licensing Officer.
- vi) Employment card shall be issued to their labourers by the concerned contractors as specified in Form XII annexed to the rationalization of forms and reports under Labour Law Rules, 2017 (as amended from time to time) and copies of the same shall be submitted to the department.
- vii) Copies of form A to D to be maintained mandatorily by the contractor as specified in the schedule to the ease of compliance to maintain registers under various labour laws Rules, 2017 (as amended from time to time).
- viii) Medical Fitness Certificate for each Labourers working under the contract shall be obtained.
- ix) All registers that are required for enforcement of Contract Labour as per relevant act should be maintained.
- x) Compliance of Equal Remuneration Act, 1976 & Central Rules, 1976 (as amended from time to time).

- xi) Compliance of Payment of Gratuity Act, 1972 & Central rules, 1972 (as amended from time to time).
- xii) Compliance of employee's compensation act (as amended from time to time).
- xiii) Compliance of payment of bonus act, 1965 (as amended from time to time).
- xiv) Compliance of any other extant labour laws in force.
- xv) The workers engaged by the contractor in the work shall wear uniform which shall be distinct from NFC uniform.

**35.0 Ambiguities in rates quoted.**

If there are differences between the rates given by the bidder and the amount worked out by him, the following procedure shall be followed.

- (a) The bidder shall quote rates in figures only. Amount of each item and total are generated automatically. Therefore, the rate quoted by the bidder in figures shall be taken as correct.

**36.0** Bidder shall sign the declaration and to be submitted /uploaded in Part-1(Techno-Commercial Bid)

**37.0** Deployment of qualified and experienced Key Construction manpower (Technical & Administrative manpower) during the execution of the contract shall be as per Qualification and experience criteria as per annexure-I to this NIT and additional manpower as agreed at the time of Kick off meeting. In case there is any change in experience and qualification of the manpower to be deputed than what is submitted in their Bid against this NIT, the Contractor shall take prior approval from the NFC for such changes.

**38.0** The competent authority on behalf of President of India does not bind himself to accept the lowest or any other tender, and reserves to himself the authority to reject any or all of the tenders received without assigning any reason. All tenders in which any of the prescribed conditions are not fulfilled or any condition including that of conditional rebate is put forth by the tenderer shall be summarily rejected.

**39.0** Canvassing whether directly or indirectly, in connection with tenders is strictly prohibited and the tenders submitted by the bidders who resort to canvassing will be liable to rejection.

**40.0** The competent authority on behalf of President of India reserves to himself the right of accepting the whole or any part of the tender and the bidder shall be bound to perform the same at the rates quoted.

**41.0** The bidder shall not be permitted to tender for works in NFC (responsible for award and execution of contracts) in which his near relative is posted as Assistant Accounts Officer or as an officer in any capacity between the grades of Chief Engineer and Assistant Engineers (both inclusive). He shall also intimate the names of persons who are working with him in any capacity or are subsequently employed by him and who are near relatives to any gazetted officer in NFC or in the DAE. Any breach of this condition by the bidder/contractor would render him liable to be removed from the approved list of contractors of this Department. Bidder shall submit separate declaration to this effect with Part-I(Techno-Commercial Bid)

**42.0** No Engineer of gazetted rank or other Gazetted officer employed in Engineering or Administrative duties in an Engineering Department of the Government of India is allowed to work as a contractor for a period of two years after his retirement from Government service, without the previous permission of the Government of India in

writing. This contract is liable to be cancelled if either the contractor or any of his employees is found any time to be such a person who had not obtained the permission of the Government of India as aforesaid before submission of the tender or engagement in the contractor's service. Bidder shall submit separate declaration to this effect with Part-I(Techno-Commercial Bid)

- 43.0** Bidder has to submit the undertaking that the list submitted towards eligible similar work(s) have not been executed through another contractor on back-to-back basis as follows:

I/We undertake and confirm that eligible similar works(s) has/ have not been executed through another contractor on back-to-back basis. It is also confirmed that the work, in case awarded to us , will be executed by us only and will not be subletted to any other agency or executed through another contractor on back-to-back basis. Further that, if such a violation comes to the notice of Department, then I/we shall be debarred for bidding in NFC in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee on a later date. Even if such violation is noticed during execution of work, Government has the right to terminate the contract or to take action against the bidder as deemed fit as per tender conditions.

Bidder shall ensure that the list submitted towards eligible similar work(s) have not been executed through another contractor on back-to-back basis. If such a violation comes to the notice of Department, then the bidder shall be debarred for bidding in NFC in future forever. Also, if such a violation comes to the notice of Department before date of start of work, the Engineer-in-Charge shall be free to forfeit the entire amount of Performance Guarantee on a later date. Even if such violation is noticed during execution of work, Government has the right to terminate the contract or to take action against the bidder as deemed fit as per tender conditions.

- 44.0** **CLARIFICATION REQUESTS FROM BIDDERS:** A bidder may seek clarifications regarding the tender document provisions, bidding process and/or rejection of his bid. NFC shall respond to such requests within a reasonable time.

**45.0** **SHORT LISTING THE AGENCIES**

Technical Evaluation Committee of experts, constituted by NFC shall verify the credential submitted by the agencies and prepare preliminary evaluation reports. The Committee may inspect the works of those agencies who qualify in preliminary evaluation. The committee shall recommend the agencies for pre-qualification by awarding marks as per criteria mentioned (in Clause 5.5)NIT' if applicable.

- 46.0** Even though an applicant may satisfy the above requirements, he would be liable to disqualification if he has:

- a) Made misleading or false representation or deliberately suppressed the information in the forms, statements and enclosures required in the pre- qualification document.
- b) Record of poor performance such as abandoning work, not properly completing the contract, or financial failures /weaknesses or poor safety management etc.

- 47.0** NFC reserves the right to reject the applications of the agencies who are not fulfilling the NIT stipulations and/or having adverse report on the works carried out by them in the past.

**48.0** **PRICE EVALUATION METHODOLOGY AND AWARD OF WORK**

- a) The price bids of techno-commercially qualified bidders shall be opened online. The date and time of online opening shall be intimated to the qualified bidders on CPP PORTAL only.
- b) The price comparative statement of the qualified bidders shall be prepared and bidders' pricewise position (e.g. L1, L2 etc.) shall be determined.
- c) As price is submitted online without any deviation and the item wise and total price are automatically calculated, no correction in amount shall be done. It is the bidder's sole responsibility to fill the rate(s) of all items correctly. The rate(s)/ price quoted online in the excel format shall only be considered and the format shall not be changed by bidder.
- d) The job shall be awarded to the L1 bidder whose total price is lowest amongst the total prices of all bidders.

**49.0** This Notice Inviting Tender shall form a part of the contract document. The successful bidder/contractor, on acceptance of his tender by the Accepting Authority, shall, within **15 days** from the stipulated date of start of the work on signing the contract consisting of:-

Techno-Commercial Bid consist of the notice inviting tender, all the documents including Tender of contract, General rules and directions, clauses of contract, proforma of schedules, safety code, Model rules, contractors labour regulations, proforma of registers, special instructions to tenderers, specifications, Schedule B to F and drawings, if any, forming the tender as issued at the time of initiation of tender and acceptance thereof Techno commercial clarification during pre bid or technical meetings and Financial Bid consisting of Schedule of Quantities, Schedule-A, together with any correspondence leading thereto.

The uploaded document of this work and subsequent corresponded documents/amendments will be considered as a part of agreement

- 50.0** All the contractor's workers or labour employed directly or indirectly must be enrolled under the Pradhan Mantri Jan Dhan Yojana (PMJDY), a scheme that aims to provide all the citizens of India a bank account, credit facility, insurance cover and debit card.
- 51.0** All the workers or labour employed directly or indirectly by the contractor between the ages 18-70 years must be enrolled under the Pradhan Mantri Suraksha Bima Yojana (PMSBY), an accident insurance scheme which shall be a one-year cover, renewable from year to year, offering accidental death and disability cover for death or disability on account of an accident. The contractor shall pay the premium per annum per member for all his workers during the contract period.
- 52.0** All the workers or labour employed directly or indirectly by the contractor between the ages 18-50 years must be enrolled under the Pradhan Mantri Jeevan Jyoti Bima Yojana, an insurance scheme which shall be a one-year cover, renewable from year to year, offering life insurance cover for death due to any reason. The contractor shall pay the premium per annum per member for all his workers during the contract period.
- 53.0** Payments will be made as per the Departmental payment terms i.e. 75% of supply value against supply of materials as per the Schedule of Quantities, 15% of supply and 90% of installation value after installation of equipment and balance 10 % after commissioning and handing over of the installation.

- 54.0** Bidder shall ensure that their bid conforms to the amendment of Rule 144 of the GFR 2017 sub-rule (xi) entitled “Fundamental Principles of Public Buying”. Bidders are requested to refer Appendix-XII of this NIT for the same.
- 55.0** Bidder shall ensure that their bid conforms to MAKE IN INDIA rule as per Appendix-XI of this NIT.

**Signature of**  
**Chief Engineer & Dy. Chief Executive (CED,PD & EP)**  
**For and on behalf of President of India**

**Annexure to NIT**

Pre-Receipt for refund of Earnest Money Deposit (EMD)

Received with thanks from Nuclear Fuel Complex a sum of Rs ...../-  
(Rupees .....), towards refund of Earnest Money Deposit paid in respect of tender for  
“ .....”  
vide Tender No.: .....dtd .....

(Note: EMD will be returned to unsuccessful bidder only after finalization of the tender)

Bank details for refund of EMD	
Name of Party	
Name of Bank	
Account Number	
IFSC code	
Bharatkosh Challan No. (Mandatory in case of online payment of EMD)	

Signature of Bidder

Date:

Place:

Name & Address :

## ANNEXURE-II

### **INFORMATION AND INSTRUCTIONS FOR BIDDERS FOR e-TENDERING**

#### **PART A: GUIDELINES FOR E-TENDERING :- Instructions for Online Bid Submission**

The bidders are required to submit soft copies of their bids electronically on the CPP Portal, using valid Digital Signature Certificates. The instructions given are meant to assist the bidders in registering on the CPP Portal, prepare their bids in accordance with the requirements and submitting their bids online on the CPP Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at: <https://eprocure.gov.in/eprocure/app>.

#### **1. REGISTRATION**

1. Bidders are required to enroll on the e-Procurement module of the Central Public Procurement Portal(URL: <https://eprocure.gov.in/eprocure/app>) by clicking on the link “Online bidder Enrollment” on the CPP Portal which is free of charge.
2. As part of the enrolment process, the bidders will be required to choose a unique username and assign a password for their accounts.
3. Bidders are advised to register their valid email address and mobile numbers as part of the registration process. These would be used for any communication from the CPP Portal.
4. Upon enrolment, the bidders will be required to register their valid Digital Signature Certificate (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India(e.g. Sift/nCode/eMudhra etc.), with their profile.
5. Only one valid DSC should be registered by a bidder. Please note that the bidders are responsible to ensure that they do not lend their DSC’s to other which may lead to misuse.
6. Bidder then logs in to the site through the secured log-in by entering their User ID / password and the password of the DSC/e-Token.

#### **2. SEARCHING FOR TENDER DOCUMENTS**

1. There are various search options built in the CPP Portal, to facilitate bidders to search active tenders by several parameters. These parameters could include Tender ID, Organization Name, Location, Date, Value etc. There is also an option of advanced search for tenders, wherein the bidders may combine a

number of search parameters such as Organization Name, Form of Contract, Location, Date, Other keywords etc. to search for a tender published on the CPP Portal.

2. Once the bidders have selected the tenders they are interested in, they may download the required documents/tender schedules. These tenders can be moved to the respective 'My Tender' folder. This would enable the CPP Portal intimate the bidders through SMS/e-mail in case there is any corrigendum issued to the tender document.
3. The bidders should make a note of the unique Tender ID assigned to each tender, in case they want to obtain any clarification / help from the Helpdesk.

### **3. PREPARATION OF BIDS**

1. Bidder should take into account any corrigendum published on the tender document before submitting their bids.
2. Please go through the tender advertisement and the tender document carefully to understand the documents required to be submitted as part of the bid. Please note the number of covers in which the bid documents have to be submitted, the number of documents – including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejected of the bid.
3. Bidder, in advance, should get ready the bid documents to be submitted as indicated in the tender document / schedule and generally, they can be in PDF / XLS / RAR / DWF / JPG formats. Bid documents may be scanned with 100dpi with black and white option which helps in reducing size of the scanned document.
4. To avoid the time and effort required in uploading the same set of standard documents which are required to be submitted as a part of every bid, a provision of uploading such standard documents (e.g. PAN card copy, annual reports, auditor certificates etc.) has been provided to the bidders. Bidders can use "My Space" or "Other important Documents" area available to them to upload such documents. These documents may be directly submitted from the "My Space" area while submitting a bid, and need not be uploaded again and again. This will lead to a reduction in the time required for bid submission process.

*Note : My Documents Space is only a repository given to the Bidders to ease the uploading process. If Bidder has uploaded his documents in My Documents space, this does not automatically ensure these Documents being part of Technical Bid.*

### **4. SUBMISSION OF BIDS**

1. Bids shall be submitted online only at CPPP website : <https://eprocure.gov.in/eprocure/app>
2. Bidder should log into the site well in advance for bid submission so that they can upload the bid in time i.e. on or before the bid submission time. Bidder will be responsible for any delay due to other issues.
3. The bidder has to digitally sign and upload the required bid documents one by one as indicated in the tender document.
4. Bidder has to select the payment option as "offline" to pay the tender fee / EMD as applicable and enter details of the instrument.

5. Bidder should prepare the EMD per the instructions specified in the tender document. The original should be posted/couriered/given in person to the concerned official, latest by the last date of bid submission or as specified in the tender documents. The details of the DD/ any other accepted instrument, physically sent should tally with the details available in the scanned copy and the data entered during bid submission time. Otherwise the uploaded bid will be rejected.
6. The agency shall download the pre-bid clarification if any for the work and upload the same (scanned copy) duly signed and sealed. The revised documents (if any) shall be uploaded in e-tender portal.
7. Bidders are requested to note that they should necessarily submit their financial bids in the format provided and no other format is acceptable. If the price bid has been given as a standard BOQ format with the tender document, then the same is to be downloaded and to be filled by all the bidders. Bidders are required to download the BOQ file, open it and complete the SKY BLUE coloured (unprotected) cells with their respective financial quotes and other details (such as name of the bidder). No other cells should be changed. Once the details have been completed, the bidder should save it and submit it online, without changing the filename. If the BoQ file is found to be modified by the bidder, the bid will be rejected.
8. Tenderers are advised to upload their documents well in advance, to avoid last minutes rush on the server or complications in uploading. NFC in any case shall not be held responsible for any type of difficulties during uploading the documents including server and technical problems whatsoever.
9. Bid documents may be scanned with 100 dpi with black and white option which helps in reducing the size of the scanned document.
10. The server time(which is displayed on the bidder's dash board) will be considered as the standard time for referencing the deadlines for submission of the bids by the bidders, opening of bids etc. The bidders should follow this time during bid submission.
11. Submission of tender documents after the due date and time (including extended period) shall not be permitted.
12. All the documents being submitted by the bidders would be encrypted using PKI encryption techniques to ensure the secrecy of the data. The data entered cannot be viewed by unauthorized persons until the time of bid opening. The confidentiality of the bids is maintained using the secured Socket Layer 128 bit encryption technology. Data storage encryption of sensitive fields is done. Any bid document that is uploaded to the server is subjected to symmetric encryption using a system generated symmetric key. Further this key is subject to asymmetric encryption using buyers/bid opener's public keys. Overall, the uploaded tender documents become readable only after the tender opening by the authorized bid openers.
13. The uploaded tender documents become readable only after the tender opening by the authorized bid openers.

14. Upon the successful and timely submission of bids (i.e. after Clicking “Freeze Bid Submission” in the portal), the portal will give a successful bid submission message & a bid summary will be displayed with the bid no. and the date & time of submission of the bid with all the other relevant details.
15. The bid summary has to be printed and kept as an acknowledgement of the submission of the bid. This acknowledgement may be used as an entry pass for any bid opening meetings.
16. Intending Bidders are advised to visit this website regularly till closing date of submission to keep themselves updated as any change/modification in the tender will be intimated through this website only by corrigendum/addendum/amendment.

## **5. ASSISTANCE TO BIDDERS**

1. Any queries relating to the tender document and the terms and conditions contained therein should be addressed to the Tender Inviting Authority for a tender or the relevant contact person indicated in the tender.
2. Any queries relating to the process of online bid submission or queries relating to CPP Portal in general may be directed to the 24x7 CPP Portal Helpdesk.

**APPENDIX-I TO NOTICE INVITING e-TENDER**

**TECHNICAL AND ADMINISTRATIVE PERSONNEL**

**(KEY REQUIREMENT)**

<b>SL. NO.</b>	<b>PERSONNEL AND ESTABLISHMENT</b>	<b>Nos. Required</b>	<b>QUALIFICATION &amp; EXPERIENCE</b>
1.	SITE ENGINEER	01	Degree in Electrical Engineering with 5 years experience
2.	SAFETY ENGINEER	01	Degree in Safety Engineering from recognized institute

Note: The recovery shall be made from bills in case of non-deployment of above staff during execution of work.

Name of the post	Rate of recovery (Per month per person)
SITE ENGINEER	Rs 25,000/-
SAFETY ENGINEER	Rs 15,000/-

**APPENDIX-II TO NOTICE INVITING e-TENDER**

**PLANT, EQUIPMENT & MACHINERY**

Required equipment and machinery for successful completion of work may be arranged by the contractor.

<b>S. No</b>	<b>Equipment</b>
1	Drilling machine
2	Welding machine
3	Crimping Tool & Torque wrench
4	Insulation resistance tester
5	Cable Jack
6	Other tools for completion of job
7	Cable rollers

**APPENDIX-III TO NOTICE INVITING e-TENDER**

**FORM OF BANKERS' CERTIFICATE FROM A SCHEDULED BANK  
[Solvency Certificate]**

**Name & Address of the Bidder:-**

.....

This is to certify that to the best of our knowledge and information that M/s. .... having marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement upto a limit of ₹..... (Rupees.....). This certificate is issued without any guarantee or responsibility on the bank or any of the officers.

(Signature)  
For the Bank

NOTE (1) Bankers certificates should be on letter head of the Bank, sealed in cover addressed to tendering authority.  
(2) In case of partnership firm, certificate should include names of all partners as recorded with the Bank.

**APPENDIX-IV TO NOTICE INVITING e-TENDER**

**FINANCIAL INFORMATION**

- I. Financial Analysis – Details to be furnished duly supported by figures in balance sheet/ profit & loss account for the last five financial years duly certified by the Chartered Accountant, as submitted by the bidder to the Income Tax Department (Copies to be attached).

**ANNUAL TURNOVER FOR LAST FIVE FINANCIAL YEARS**

<b>Sl. No.</b>	<b>Financial Year</b>	<b>Gross Annual Turnover on Construction Works/ Works Contract (₹ In Lakhs)</b>	<b>Profit/Loss (₹ In Lakhs)</b>	<b>Remarks</b>
1	2024-25			
2	2023-24			
3	2022-23			
4	2021-22			
5	2020-21			

- II. Financial arrangements for carrying out the proposed work.
- III. Solvency Certificate from bankers of the bidder (attached separately in Appendix-III to NIT and FORM-D)

**Signature of Chartered Accountant with Seal**

**Signature of Bidder**

**APPENDIX V TO NOTICE INVITING e-TENDER**

**PERFORMANCE REPORT OF WORKS REFERRED TO IN FORM "C"  
(FOR ALL QUALIFYING JOBS)**

1. Name of work/Project & location:
2. Name & address of Contractor:
3. Agreement No.:
4. Awarded Cost :  
(As per Work Order)
5. Final Completion Value :  
(As per Completion Certificate)
6. Date of start of Work
7. Date of Completion of Work
  - i. Stipulated date of completion (As per Work Order)
  - ii. Actual date of Completion
  - iii. Extension granted, if any, up to (Specify date)
  - iv. In case of Extension, with or without levy of penalty or  
Applicability of penalty not yet decided
8. Amount of compensation levied for delayed completion, if any
9. Amount of reduced rate items, if any
10. Performance report
  - i. Quality of work Very Good/Good/Fair/Poor
  - ii. Financial Soundness Very Good/Good/Fair/Poor
  - iii. Technical Proficiency Very Good/Good/Fair/Poor
  - iv. Resourcefulness Very Good/Good/Fair/Poor
  - v. General Behaviour Very Good/Good/Fair/Poor

Certification of satisfactory will be considered as Good

Dated:

Executive Engineer or Equivalent

**Note: 1. Performance certificate(s) for the similar work shall be submitted in this format only.**

COMPLIANCE TO BID REQUIREMENT

**NAME OF THE WORK:**

\_\_\_\_\_

**TENDER NOTICE NO.:** \_\_\_\_\_

We hereby agree to fully comply with, abide by and accept without variation, deviation or reservation all technical, commercial and other conditions whatsoever in the BIDDING DOCUMENT for the subject work.

We hereby further confirm that any terms and conditions if mentioned in our bid (Un-priced as well as Priced Part) shall not be recognized and shall be treated as null and void.

**SIGNATURE OF BIDDER** : \_\_\_\_\_

**NAME OF BIDDER** : \_\_\_\_\_

**COMPANY SEAL** : \_\_\_\_\_

**DETAILED SCOPE OF WORK**

**Location of Work: Nuclear Fuel Complex, Rawatbhata, Rajasthan**

The scope of the work involves

- Design, Supply, Installation, Testing and Commissioning of 2MWp Solar PV Rooftop system on PFFF building at NFC, Kota.
- Work Comprises of Solar PV panels along with required mounting system, Inverters, cabling, earthing, lightning protection, illumination of rooftop area, water pipelines with auto cleaning spray nozzle arrangement etc., to complete the job in all respects.
- Registration, obtaining required statutory approvals from RRECL, Rajasthan Electricity Board, Central Electricity Authority including payment of registration fees, processing fees, Security Deposit etc.
- Submission of all required documentation like Design Basis Report, design calculations, layout drawings, test certificates etc.

LETTER FOR SUBMISSION OF BID

(To be submitted by bidders on their letter head)

Date: -----

To,  
Chief Engineer & Dy. Chief Executive (CED, PD & EP)  
Electrical Projects, 2<sup>nd</sup> Floor  
Sarathi Building, Nuclear Fuel Complex,  
ECIL Post, Hyderabad-500062, Telangana, India

Our Ref. : \_\_\_\_\_

NAME OF THE WORK: \_\_\_\_\_

TENDER NOTICE NO.: \_\_\_\_\_

Dear Sir,

Please find herewith our Bid for the subject work in two Covers (Cover-I: Pre-qualification Cover-II: Techno-commercial Bid) in line with the requirement of the Tender Document. We confirm that:

1. Our Bid contains two (2) covers, One cover consists of Bid Security Declaration. The other cover includes documents related to pre-qualification criteria and techno-commercial as per para 10 of NIT.
2. We have submitted a no-deviation bid. We understand that in the event of our taking any deviation, our Bid may not be considered for further evaluation.
3. We have submitted our Bid as an Individual \_\_\_\_\_ for execution of the work of \_\_\_\_\_ with our direct project management and financial control.
4. We further confirm that we will not change the above said arrangement in the event of award of work to complete the work in totality as agreed and confirmed as per terms and conditions of the Tender document.
5. Our Bid is in complete compliance with all technical as well as commercial requirements of Tender document including Addendum/Corrigendum No. \_\_\_\_ (if applicable) and there is no technical or commercial deviation in the Bid.
6. We also confirm that our price shall remain FIRM for the entire Contract period, unless there is specific provision for adjustment in price as per terms and conditions of the Tender document.
7. We have submitted all documents as stipulated in NIT and various sections of the Tender document/ Technical specifications.
8. The validity of our Bid shall be **180 Days** from the date of opening (extended due date in

case of time extension) of Envelope-I (Techno-commercial Bid).

9. We also confirm that if our bid validity period is to be extended on a later date for a reasonable period, on written request from NFC, we shall suitably extend the bid validity period without any financial implication until there is change in terms and conditions/Scope of work etc.
10. We also confirm that in the event of award of work to us, we shall submit performance bank guarantee for execution of work including the defect liability period as per terms and conditions of the Tender document in NFC approved format.
11. We also confirm that in the event of award of work to us, we shall faithfully execute the Contract as per terms and conditions of the Tender/Contract document.

We declare that all statements made and information submitted by us in our Bid is true and complete to the best of our knowledge and belief and nothing is concealed.

Bidder's signature :

Name :

Designation :

Mobile (with STD Code):

Email :

Full Address (for all future communication):

Company Seal :

**Note:** Bidder to note that:

1. All the pages of bids are to be signed by the authorized signatory (having power of attorney (POA)).
2. All correspondence with NFC shall be made by the POA holder.

**FORMAT FOR PRE-BID QUERIES**

sl. no	section	page no	clause	subject	description of clause	clarification sought	NFC response

## PREAMBLE TO SCHEDULE OF QUANTITIES

- 1.0 Tenderer is advised in their own interest to visit the proposed site of work to acquaint themselves with the site and the working conditions.
- 2.0 The tenderer shall carefully go through the clauses in the Notice Inviting Tender, Tender and contract, General Rules and directions, conditions of contract, clauses of contract, safety code, model rules for Labour Regulations, etc. and special instructions to the tenderer as also specifications and shall include, in their rates, any sum they consider necessary for the fulfillment of the various clauses contained therein. The items of work and unit rates quoted in the schedule of quantities shall be inclusive of everything necessary to complete the said items of work within the contemplation of the contract and the rates may be quoted accordingly. No extra payment beyond the quoted unit rates shall be allowed for incidental or contingent work, labour, materials or plant unless the exclusions are specifically brought out in schedule of quantities.
- 3.0 The rates quoted by the tenderer shall also include for:
  - 3.1 Necessary care and precaution against damage/theft to equipment/materials, if any, supplied by the Department.
  - 3.2 Safe custody and storage of materials at site.
  - 3.3 Transportation, unloading and protection of materials including complying with all security requirements for collecting the materials from Departmental stores inside NFC as per schedule 'B' if any.
  - 3.4 Accommodation of contractor's staff.
  - 3.5 Protecting all installed equipments in the area of work falling within the scope of the contract.
  - 3.6 The payment of minimum wages as notified by the State/Central Government and implementation of all regulations under contract Labour (Regulations and Abolitions) Act 1970 (Central) and Central Rules 1971 and the rules and orders issued there under from time to time as amended up to date. Necessary books of account and other documents for the purpose of these conditions as may be necessary and shall allow inspection of the same by a duly authorized representative of Government and further such other information/document as the Engineer-in-charge may require.
  - 3.7 For enforcement of the building and other construction workers (Regulations Employment & Conditions of Service) Act 1996 and Building and other Construct Workers (RE & CS) Central Rules 1998.
  - 3.8 Inclusive of all taxes GST, IT, ESI, EPF, CAR/ insurance etc, as applicable.
  - 3.9 Cost of construction power and water required for the work as stipulated.
- 3.10 Following all the safety and security rules and regulations as required by the Department including deploying supervisor exclusively for safety.
  - (i) While execution of job/any activities, if any deficiency in safety/lack of safety or inadequate supervision is found, contractor is liable for compensation as per

discretion of Engineer-in-charge. Any accident, if takes place, will attract heavy compensation.

- (ii) Non deployment of safety supervisor at site will be charged as per schedule 'F'
- (iii) Minimum quantity of PPE proposed to be brought to site for use for implementation at site.
- (iv) Delay in progress of work/completion of work in the effort of complying of safety, whatsoever pertaining to it, will not be considered as a genuine reason/cause for extension of time/or any other financial implications.
- (v) Record of safety compliance should be maintained.

3.11 Police Verification Certificate (PVC) and medical certificates shall be taken for all labor engaged in the work and also medical certificate indicating their fitness. Following the procedure envisaged in Special instructions to the contractors for entry and exit of men and materials or as per latest criteria envisaged by security Personnel. **For height more than 3.0m, height passes shall be obtained for the workmen.**

3.12 Contractor shall follow and plan the works to meet the ISO standards of NFC viz., ISO 9001, ISO 14001 & 18001

4.0 Procurement source and makes for the bought out items including the items not mentioned in the schedule but required for execution of work shall be got approved from the Department, well in advance before initiating procurement.

5.0 Provided that where any provision of the specification is repugnant to or at variance unless a different intension appears, the provision of the schedule of quantities shall be deemed to override the provision of the specifications and shall to the extent of such repugnance or variation prevail.

#### **6.0 NFC Policy – Quality, Environment and Occupational Health & Safety Policy** **We manufacture and supply**

Fuel assemblies, core structural components and sub-assemblies for nuclear power reactors. Stainless steel/special alloy seamless tubes and high purity materials for hi-tech applications in strategic industries.

#### **We are committed to**

**Meet the Q**uality requirements of customers,

**P**revention of pollution

**P**revention of injury and ill health and

**C**omply with the applicable statutory requirements

**We strive to** continually improve Quality, Environment and Occupational Health & Safety performance through technological & administrative measures and by enhancing awareness among employees.

7.0 General Environmental Requirements which are to be followed during execution of work are as follows :

#### **7.1. Segregation & Safe Disposal of Waste Materials Generated During Construction**

- All the waste material generated should be segregated.
- All the segregated waste materials should be transported to designated locations and disposed off safely.

#### **7.2. Plantation of New Trees for Compensating Cut Trees :**

- NA

**7.3. Judicious usage of Water and Construction Power:**

- Water and Construction Power should be used judiciously and should not be wasted. All the electrical equipment should be unplugged and power should be switched off after the use.

**7.4. House Keeping:**

- Good House Keeping practices such as, proper stacking of Materials, minimizing the wastage of materials, making proper walkways as required etc., should be followed.

**7.5 Environmental Requirements:**

NA

## NOTES TO SCHEDULE OF QUANTITIES

- 1) The rates quoted shall be for fulfillment of all the conditions and no conditional rebate shall be put forth by the tenderer which will attract rejection as indicated.
- 2) The rates quoted by the tenderer shall be in accordance with the minimum deployment of men, material and machinery including consideration of necessary additional deployment to suit detailed programming and actual conditions at site for completion of work within scheduled period stipulated.
- 3) Any chases/holes in walls and floors of any materials and Reinstating to original condition wherever required are to be arranged by the contractor during the progress of the works. The chases/holes are to be filled as directed by the Engineer-in-charge at no extra cost.
- 4) Contractor shall deploy a supervisor exclusively for safety. Carrying out work without supervision and lack of safety will be viewed serious and if any accidents take place will attract heavy penalty.
- 5) Construction power required shall be supplied and recovered from the bills of contractors as per Schedule -B.
- 6) Contractor shall inspect the site to acquaint with the site conditions as well as security conditions at NFC.
- 7) Contractor shall quote rates for all items after considering cost of materials and labor components and all such conditions, elevations, leads, lifts, safety precautions, security restrictions that are necessary for satisfactory completion of work as per drawing/instructions and site conditions. Security regulations shall be followed.
- 8) Police verification of labour engaged shall be produced for issuance of entry passes.
- 9) Contractor shall read item description in conjunction with drawings thoroughly before quoting rates.
- 10) Materials in the work shall conform and bear to BIS codes indicated/ASTM codes or latest as applicable.
- 11) Contractor shall go through Preamble to Schedule of Quantities to get light on NFC safety, quality and environmental policies and other conditions.
- 12) Testing of materials for approval of materials and subsequent to supplies as per relevant IS codes/international codes shall be carried out by the contractor at no extra cost.
- 13) Quality assurance plan shall be submitted and to be followed to the extent given in the specifications scrupulously including that are required for fulfillment of BIS codal provisions and structural and functional requirement.
- 14) The make's/manufacturer's details of all materials related to scope of work etc. shall be strictly as per NIT and shall be approved by Engineer in Charge before procurement.
- 15) Payments will be made as per the departmental payment terms i.e. 75% of supply value against supply of materials, 15% of supply and 90% of installation value after installation of material and balance 10 % after completion and handing over of the installation.

**PROFORMA OF SCHEDULES**

SCHEDULE 'B'

**SCHEDULE OF MATERIALS TO BE SUPPLIED BY THE DEPARTMENT TO THE CONTRACTOR**

Sl. No.	Particulars of Stores issued	Approx. Qty. to be issued	Rate at which stores will be issued		Place of issue
			Unit	Rate (₹)	
1.	Water	NA			
2.	Power supply	As required	KWPH	₹ 8.00/-	

Chief Engineer & Dy. Chief executive (CED, PD & EP)

SCHEDULE C AND D

<b>Schedule 'C'</b>			
Land earmarked for temp. Infrastructures and Tools & Plants to be hired to the contractor			
S. No.	Description	Hire charges	Place of issue
1	2	3	4
1	Area for storage /site office	Nil	-NA-
2	Temporary Buildings	Nil	-NA-
3	Labour hutments	Nil	-NA-
4	Machinery Issued by department	Nil	NA
<b>Schedule D</b>			
<b>Extra schedule for specific requirements/documents for the work, if any</b>			
<b>1. Particularly for security guidelines, Gate pass, Lift, tower crane etc.,</b>		See Special Instruction to contractors	
<b>2. Police verification certificate</b>		Available with CISF	

Chief Engineer & Dy. Chief executive (CED,PD & EP)

**SCHEDULE 'E' – PROVISIONS OF CLAUSES 10 (C) (C)**

S. No.	Clause No.	Description	Provisions	
1	10 CC	Schedule of component of cement, steel, other material, labour etc., for price escalation.	X- Other Materials	NA
			Cement	NA
			Steel	NA
			Y-Labour	NA
			Z-POL	N.A

**Note : Escalation indices for Cement , Reinforcement Steel, shall be as per 10CA. The indices for other materials Xm is whole sale price index of all commodities shall be taken.**

Chief Engineer & Dy. Chief executive (CED, PD & EP)

**SCHEDULE 'F'**

S. No.	Clause No.	Description	Provisions
1	NIT	Name of work	Design, Supply, Installation, Testing and commissioning of 2MWp, 415 V grid interactive solar PV systems on roof tops of PFFF buildings along with 5 years of Annual comprehensive maintenance at Nuclear Fuel Complex (KOTA), Rawatbhata, Rajasthan
		Estimate cost of work	<b>₹ 8.5 Crores</b>
		Earnest Money Deposit (EMD). For submission of Bidding security declaration.	EMD to be submitted.
		Performance Guarantee	As per NIT
		Security Deposit	As per NIT
<b>GENERAL RULES &amp; DIRECTIONS</b>			
		Officer Inviting Tender	Chief Engineer & Dy. Chief Executive (CED, PD, EP)
		Maximum percentage for quantity of items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.	<b>See Below</b>
<b>Definitions</b>			
	2(v)	Engineer-in-Charge	Executive Engineer
	2(viii)	Accepting Authority	<b>DAE</b>
	2(x)	Percentage on cost of materials and labour to cover all overheads and profits.	15%
	2(xi)	Standard Schedule of Rates	Market Rates
	2(xii)	Department	Nuclear Fuel Complex
	9(ii)	Standard CPWD contract Form GCC 2014, CPWD Form 7/ 8 as modified & corrected upto	Item Rate
	Clause 1	(i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance	7 days
		(ii) Maximum allowable extension with late fee @ 0.1% per day of	Up to 15 days with a late fee of 0.1% per day of PG value

		Performance Guarantee amount beyond the period provided in (i) above	
	<b>Clause 2</b>	Authority for fixing compensation under clause 2.	CE, NFC
	<b>Clause 2A</b>	Incentive for early completion	No
	<b>Clause 5</b>	Number of days from the date of issue of letter of acceptance for reckoning date of start	15 days

		Time allowed for execution of work.		<b>10 (Ten)</b> calendar months
		<b>Authority to decide:</b> (i) Extension of time		DCE, NFC
		(ii) Rescheduling of mile stones		DCE, NFC/ Dy. Chief Executive
		(iii) Shifting date of start in case of delay in handing over of site		DCE, NFC/ Dy. Chief Executive
		Mode of Project management / Project Construction scheduling		NA
		Reporting of progress of project		NA
	<b>Clause 6, 6A</b>	Clause applicable - (6 or 6A)		Applicable
	<b>Clause 7</b>	Gross work to be done together with net payment/ adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment		50.00 Lakhs
	<b>Clause 10A</b>	List of testing equipment to be provided by the contractor at site lab.		<b>Not Applicable</b>
	<b>Clause 10B(ii)</b>	Mobilization advances @10% at the interest of 10%		<b>Not Applicable</b>
	<b>Clause 10C</b>	Component of labor expressed as percent of value of work		<b>Not Applicable</b>
	<b>Clause 10 CA</b>			<b>Not Applicable</b>
		S.No.	Materials Covered under this clause	Nearest Materials (Other than cement*, reinforcement bars, the structural steel and POL) for which All India Wholesale Price Index to be followed
	<b>Clause 10CC</b>			Base Price and its corresponding period of all the Materials covered under clause 10 CA*

		Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column				<b>Not Applicable</b>	
		Schedule of component of other Materials, Labour etc. for price escalation					
		Component of civil (except materials covered under clause 10CA) /Electrical construction value of work.				<b>Xm :- NA</b>	
		Component of Labour - expressed as percent of total value of work.				<b>Y :- NA</b>	
	<b>Clause 11</b>	Specifications to be followed for execution of work				Standard specifications and relevant IS codes	
	<b>Clause 12</b>	Type of work					
	<b>12.2 &amp; 12.3</b>	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for building work				Not Applicable	
	<b>12.5</b>	(i) Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for foundation work (except items mentioned in earth work )				Not Applicable	
		(ii) Deviation Limit for items mentioned in earth work				Not Applicable	
	<b>Clause 16</b>	Competent Authority for deciding reduced rates.				Dy. Chief Executive, NFC	
	<b>Clause 18</b>	List of mandatory machinery, tools & plants to be deployed by the contractor at site				As per requirement	
	<b>Clause 18A</b>	Penalty levied by department in case of accident				As per Annexure - I of Schedule - F	
	<b>Clause 25</b>	Constitution of Dispute Redressal Committee (DRC)				As constituted by CE, NFC if required	
		Sole authority for appointing arbitrator				DAE	
	<b>Clause 36 (i)</b>	Requirement of Technical Representative(s) and recovery Rate					
S. No.	Minimum Qualification Of Technical Representative	Discipline	Designation	Minimum Exp. in years	No	Rate at which recovery per month shall be made from the contractor in the event of not fulfilling provision of clause 36(i)	
						Figures	Word
1	As per Detailed NIT						

Assistant Engineers retired from Government services that are holding Diploma will be treated at par with Graduate Engineers. Diploma holder with minimum 10-year relevant experience with a reputed construction co. can be treated at par with Graduate Engineers for the purpose of such deployment subject to the condition that such diploma holders should not exceed 50% of requirement of degree engineers.

**LEVY OF PENALTY BY DEPARTMENT IN CASE OF ACCIDENT AT SITE**

S.No.	Description of Injury	% of damage	Amount of Penalty	Remarks
1.	Fatal accident	-	₹ 15.0 Lakhs	
2.	Both limbs or amputation of any combination	100%	₹ 10.0 Lakhs	
3.	Single limb	100%	₹ 5.0 Lakhs	
3.	Hand and foot	100%	₹ 8.0 Lakhs	
4.	Eye sight- Single eye	100%	₹ 5.0 Lakhs	
5.	Eye sight- Both eyes	100%	₹ 10.0 Lakhs	
6.	Finger of limb	Upto 50%	₹ 50,000/-	
7.	Head injury without any health problem		₹ 20,000/-	
8	Head injury resulting health problem ( not classified in any above category)		₹ 2,00,000/-	
9	Injury to back spinal cord without major health problem		₹ 1,00,000/-	
10	Injury to back spinal cord resulting major health problem		₹ 2,00,000/-	
11	Loss of nose or ear		₹ 1,00,000/-	

NOTE: This penalty is imposed by NFC and to be borne by contractor in addition to the medical and other expenses plus Compensation as payable under employee’s compensation act 1923, etc., as per agreement. The decision of classifying the injury and the amount of penalty rest with NFC management and the decision given by NFC management in this context is final and binding to the contractor, without prejudice to any other right or remedy available to contractor in law or statutes applicable as per agreement.