



Government of India
Department of Atomic Energy
NUCLEAR FUEL COMPLEX
CIVIL ENGINEERING DIVISION



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TENDER DOCUMENTS FOR

**WORKS: SUPPLY, INSTALLATION, TESTING AND
COMMISSIONING OF MAIN RECEIVING SUBSTATION (MRSS)
FOR NFC-KOTA AT RAWATBHATA, CHITTORGARH (DIST.),
RAJASTHAN-323307.**

PROJECT: NUCLEAR FUEL COMPLEX (NFC), KOTA

TENDER NOTICE NO.:E/544/2018

BIDDING DOCUMENT NO.: KNM/A367-000-EC-TN-0011/1008

Agreement No.: _____

ENVELOPE-I [PQ & TECHNO COMMERCIAL BID (UNPRICED)]

Government of India, Department of Atomic Energy, Nuclear Fuel Complex

SARATHI BUILDING, III FLOOR, ECIL (POST), HYDERABAD – 500 062

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WORKS: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF MAIN RECEIVING SUBSTATION (MRSS) FOR NFC-KOTA AT RAWATBHATA, CHITTORGARH (DIST.), RAJASTHAN-323307.

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MASTER INDEX

SL. NO.	DESCRIPTION		PAGE
	<u>ENVELOPE-I: PQ & TECHNOCOMMERCIAL BID</u>		
1.	COVER PAGE		1
2.	INDEX		2-5
3.	NOTICE INVITING TENDER		
	(a) NOTICE INVITING E-TENDER (NIT FOR PRESS)		6
	(b) NOTICE INVITING E-TENDER (DETAILED NIT)		1-12
	(i)	APPENDIX-I TO NIT TECHNICAL AND ADMINISTRATIVE PERSONNEL	13
	(ii)	APPENDIX-II TO NIT PLANT, EQUIPMENT & MACHINERY	14
	(iii)	APPENDIX-III TO NIT SOLVENCY CERTIFICATE FORMAT	15
	(iv)	APPENDIX-IV TO NIT FINANCIAL INFORMATION	16
	(v)	APPENDIX-V TO NIT PERFORMANCE OF CONTRACTOR	17
	(vi)	APPENDIX-VI TO NIT COMPLIANCE TO BID REQUIREMENT	18
	(vii)	APPENDIX-VII TO NIT DETAILED SCOPE OF WORK	19-20
	(viii)	APPENDIX-VIII TO NIT LETTER FOR SUBMISSION OF BID	21-22
	(ix)	APPENDIX-IX TO NIT FORMAT FOR PREBID QUERIES	23
4.	SCHEDULE-A	FINANCIAL BID: ENVELOPE-II (INCLUDED SEPARATELY BELOW)	1
5.	SCHEDULE-B	MATERIALS TO BE SUPPLIED BY THE DEPARTMENT TO THE CONTRACTOR	2
6.	SCHEDULE-C	TOOLS AND PLANTS TO BE HIRED BY THE CONTRACTOR	3
7.	SCHEDULE-D	EXTRA SCHEDULE FOR SPECIFIC REQUIREMENTS/DOCUMENTS FOR THE WORK	4
8.	SCHEDULE-E	REFERENCE TO CONDITIONS & CLAUSES OF CONTRACT	5

SL. NO.	DESCRIPTION		PAGE	
9.	SCHEDULE-F	MODIFICATIONS IN TERMS AND CONDITIONS	6-8	
10.	ANNEXURE-I TO SCHEDULE-F	PLANT, EQUIPMENT & MACHINERY [REQUIREMENT DURING CONSTRUCTION]	9-10	
11.	ANNEXURE-II TO SCHEDULE-F	TECHNICAL & ADMINISTRATIVE PERSONNEL [REQUIREMENT DURING CONSTRUCTION]	11	
12.	ANNEXURE-III TO SCHEDULE-F	QUALIFICATION & EXPERIENCE OF KEY CONSTRUCTION PERSONNEL & PENALTY FOR THEIR NON-MOBILISATION	12-16	
13.	ANNEXURE-IV TO SCHEDULE-F	LIST OF MAJOR EQUIPMENT FOR SITE LAB	17-21	
14.	CHECK LIST FOR SUBMISSION OF BID		1-4	
15.	ITEM RATE TENDER & CONTRACT FOR WORKS		1-3	
	GCC, SCC			
16.	GENERAL RULES AND DIRECTIONS		1-4	
17.	CONDITIONS OF CONTRACT		1-5	
18.	CLAUSES OF CONTRACT		6-78	
19.	SAFETY CODE		79-84	
20.	MODEL RULES		85-91	
21.	CONTRACTOR'S LABOUR REGULATIONS (CLR)		92-98	
22.	Appendix-I to CLR	REGISTER OF MATERNITY BENEFITS	99	
	Appendix-II to CLR	SPECIMEN FORM OF THE REGISTER, REGARDING MATERNITY BENEFIT ADMISSIBLE TO THE CONTRACTOR'S LABOUR IN NUCLEAR FUEL COMPLEX	100	
	Appendix-A to CLR	LABOUR BOARD	101	
	Appendix-E to CLR (Reverse)	FORM XIX (WAGE SLIP)	102	
	Appendix-F to CLR	FORM XIV (EMPLOYMENT CARD)	103	
	Appendix-I to CLR	LIST OF ACTS AND OMISSIONS FOR WHICH FINES CAN BE IMPOSED	104	
	Appendix-B to CLR	FORM XIII (REGISTER OF WORKMEN EMPLOYED BY CONTRACTOR)	105	



SL. NO.	DESCRIPTION	PAGE	
	Appendix-C to CLR	FORM XVI (MUSTER ROLL)	106
	Appendix-D to CLR	FORM XVII (REGISTER OF WAGES)	107
	Appendix-E to CLR (Obverse)	WAGE CARD	108
	Appendix-G to CLR	FORM XV (SERVICE CERTIFICATE)	109
	Appendix-H to CLR	FORM XII (REGISTER OF FINES)	110
	Appendix-J to CLR	FORM XX (REGISTER OF DEDUCTIONS FOR DAMAGE OR LOSS)	111
	Appendix-K to CLR	FORM XXII (REGISTER OF ADVANCES)	112
	Appendix-L to CLR	FORM XXIII (REGISTER OF OVERTIME)	113
23.	SPECIAL CLAUSES OF CONTRACT (SCC)		1-24
24.	PROFORMA OF ANNEXURES AND PERFORMANCE		
	Annexure-I TO SCC	FORM OF REQUISITION FOR SUPPLY OF ENERGY	1-2
	Annexure-II TO SCC	TEMPORARY POWER SUPPLY-DETAILS AND TEST REPORTS TO BE FURNISHED	3-5
	Annexure-III TO SCC	FORM OF BANK GUARANTEE BOND FOR E.M.D.	6-7
	Annexure-IV (Part-I) TO SCC	FORM OF PERFORMANCE SECURITY BANK GUARANTEE BOND	8-9
	Annexure-IV (Part-II) TO SCC	AFFIDAVIT	10
	Annexure-V (Part-I) TO SCC	BANK GUARANTEE FOR MOBILISATION ADVANCE	11-12
	Annexure-V (Part-II) TO SCC	AFFIDAVIT	13
	Annexure-VI TO SCC	GUARANTEE TO BE EXECUTED BY CONTRATOR(S) FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF WATERPROOFING WORKS	14-15
	Annexure-VII TO SCC	GUARANTEE TO BE EXECUTED BY CONTRATOR(S) FOR REMOVAL OF DEFECTS AFTER COMPLETION IN RESPECT OF CORROSION RESISTANT TREATMENT.	16-17
	Annexure-VIII TO SCC	FORM OF INDENTURE FOR SECURED ADVANCES	18-21
	Annexure-IX TO SCC	STATEMENT OF MEN, MATERIAL & MACHINERY EMPLOYMENT AND CASH FLOW.	22
	Annexure-X TO SCC	FORMAT FOR GETTING PAYMENT OF BILLS THROUGH ELECTRONIC MODE	23
	Annexure-XI TO SCC	NOTICE FOR APPOINTMENT OF ARBITRATOR	24
	<u>SKETCHES</u>		3 Sheets
25.	SKETCH OF CEMENT GOWDOWN		1 Sheet
26.	SAFETY : ACCESS		1 Sheet

SL. NO.	DESCRIPTION	PAGE	
27.	SAFETY : LIFELINE	1 Sheet	
	<u>TECHNICAL EVALUATION SHEETS</u>		
	FORM-A DETAILS OF ALL WORKS OF SIMILAR NATURE COMPLETED DURING THE LAST SEVEN YEARS	1 Sheet	
	FORM-B PROJECTS UNDER EXECUTION OR AWARDED - DELETED	1Sheet	
	FORM-C TURNOVER OF CONTRACTOR /BIDDER FOR LAST FIVE YEARS	1 Sheet	
	FORM-D SOLVENCY CERTIFICATE DETAILS	1 Sheet	
	FORM-E DETAILS OF CONSTRUCTION PLANT AND EQUIPMENT LIKELY TO BE USED IN CARRYING OUT THE WORK - DELETED	1 Sheet	
	FORM-F DETAILS OF TECHNICAL & ADMINISTRATIVE PERSONNEL TO BE EMPLOYED FOR THE WORK - DELETED	1 Sheet	
	FORM-G GENERAL DATA	1 Sheet	
	<u>DECL BY CONT</u>		
	DECLARATION BY THE CONTRACTOR	1 – 2	
	<u>SPEC</u>		
28.	STANDARD SPECIFICATIONS (Index with standards attached separately)-		
29.	DRAWINGS (Index with drawings attached separately)-		
	<u>ENVELOPE-II: FINANCIAL BID</u>		
	<u>SOQ</u>		
30.	SCHEDULE QUANTITIES/ RATES (SOR EXCEL FILES)	27	



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Government of India
DEPARTMENT OF ATOMIC ENERGY
NUCLEAR FUEL COMPLEX
ELECTRICAL PROJECTS
ECIL Post, Hyderabad - 500 062.

E-Tender Notice

On behalf of President of India, GM (NFC-Kota), Sarathi Building, Nuclear Fuel Complex, Hyderabad – 500 062, invites sealed tenders from the approved and eligible contractors who have executed works of similar nature and magnitude for the following works:

S No	Tender No & Name of the Work	Estimated Cost(Rs.)	EMD(Rs.)
1	E/544/2018 Supply, Installation, Testing and Commissioning of Main Receiving Substation (MRSS) for NFC-Kota at Rawatbhata, Chittorgarh (Dist.), Rajasthan-323307	3511.85 Lakhs	45,11,850

Period for view and downloading : 06.03.2018 to 22.03.2018

Pre-Bid Meeting : 10. 04.18

Due date for online submission : 25.04.18

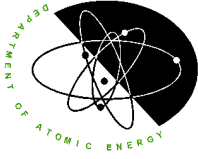
Due date for receiving hardcopies : 05.05.18

Due date for opening Part-I bid : 05.05.18

Detailed NIT can be viewed from the www.nfc.gov.in, tender documents can be downloaded from www.tenderwizard.com/DAE. Bidder must have a valid class III digital signature certificate and must enroll with www.tenderwizard.com/DAE.

GM (NFC-Kota)

Published in Indian Express on 06/03/2018



GOVERNMENT OF INDIA
DEPARTMENT OF ATOMIC ENERGY
NUCLEAR FUEL COMPLEX
KOTA PROJECT
HYDERABAD – 500 062



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

WORKS: SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF MAIN RECEIVING SUBSTATION (MRSS) FOR NFC-KOTA AT RAWATBHATA, CHITTORGARH (DIST.), RAJASTHAN-323307.

PROJECT : NUCLEAR FUEL COMPLEX (NFC), KOTA

TENDER NOTICE NO.: E/544/2018

BIDDING DOCUMENT NO.: KNM/A367-000-EC-TN-0011/1008

1.0 **INTRODUCTION**

1.1 **Online** item rate tenders (**e-tendering**) in **Two ENVELOPE SYSTEM** (Envelope-I-Techno-commercial and Envelope-II-Financial Bid) are invited on behalf of the President of India from the competent agencies **having experience in similar works for the work of**

“Supply, Installation, Testing and Commissioning of Main Receiving Substation (MRSS) for NFC-KOTA at Rawatbhata, Chittorgarh (Dist.), Rajasthan-323307”.

1.2 The estimated cost of the work is approximately **Rs. 3511.85 Lakh.**

1.3 Earnest Money Deposit (EMD) **Rs. 45,11,850/- (Rupees Forty Five Lakh Eleven Thousand Eight Hundred and Fifty only).**

1.4 Engineers India Ltd. (EIL) has been appointed by NFC as Consultant for this project.

2.0 **DETAILED SCOPE OF WORK**

Given in Appendix VII of the NIT.

3.0 **TIME SCHEDULE:** The time schedule for completion of work in all respects shall be **18 (Eighteen) calendar months to be reckoned from the date of start of work in line with Schedule-F.**

4.0 **SALIENT FEATURES OF BIDDING DOCUMENT**

S. No.	Salient Feature	Details
4.1	Cost of Tender Document	: Not Applicable
4.2	Processing fee for Tender processing	: Rs. 5900.00 (Rupee five thousand nine hundred only), drawn in favour of "ITI Limited" , payable at New Delhi in the form of Demand Draft/ Pay Orders/ Banker's cheque from a Scheduled Bank. The payment can also be made through Internet Banking/ Credit Card/ Debit card. In such case receipt of payment shall be submitted. Processing fee for Tender processing is Non-refundable .
4.3	Earnest Money Deposit (EMD)	: Rs. 45,11,850/- (Rupees Forty Five Lakh Eleven Thousand Eight Hundred and Fifty only) <ol style="list-style-type: none"> 1. EMD, in original, shall be submitted 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 and Accounts Officer, NFC", payable at Hyderabad. 2. A part of EMD is acceptable in the form of bank guarantee also. In such cases 50% of earnest money or Rs. 20.00 lakhs whichever is less, shall have to be deposited in the form as prescribed above and balance can be accepted in form of bank guarantee issued by a scheduled bank in a format (Annexure-III to SCC). 3. The copy of EMD in all forms as submitted shall be scanned and uploaded in the e-tendering website within the period of bid submission cut-off date and time. 4. Tender/Offer without valid EMD and fees mentioned at Sr. No. 4.2 & 4.3 above shall be summarily rejected. 5. Validity of EMD shall be for a minimum period of 7 Months from the date of opening of Envelope I. If required same may be extended further.

S. No.	Salient Feature	Details
4.4	Submission of EMD, Tender Fee & Processing fee to NFC	: Details of Tender Processing fee are required to be uploaded for downloading of Bid documents. Details of EMD shall be required at the time of uploading filled Bid documents. Original Earnest Money Deposit, Receipt of Tender Processing Fee are to be submitted to GM(NFC-Kota), 3 rd Floor, Sarathi Building, Nuclear Fuel Complex, Hyderabad-500062. The originals shall be found in order for opening of Envelope-I.
4.5	Various dates for process of the tender:	
a)	Dates for Tender Document pdf. form available on websites for free view & download for reference purpose only	: From 06.03.2018 to 22.03.2018 up to 21:00 hrs on website www.tenderwizard.com/DAE (Under Icon Tender Notification). http://www.nfc.gov.in , http://tenders.eil.co.in , http://eprocure.gov.in/cppp/relatedlinks
b)	Dates for Tender request and method of downloading bid documents- 1. Technical evaluation sheets and 2. Schedule of quantities	on submission of details of Tender fee and Tender processing fee from 06.03.2018 to 22.03.2018 up to 21:00 hrs from website www.tenderwizard.com/DAE (Under Icon Bid documents)
c)	Site Visit to Kota Rajasthan	Bidders are required to submit their proof of participation and eligibility credentials with a request for site visit mailed to rsk@nfc.gov.in ; latest by 31.03.2018. Site visit will be arranged on 02.04.2018 & 03.04.2018.
d)	Pre-bid meeting venue	: 10.04.2018 at Nuclear Fuel Complex, Hyderabad. Bidders are required to submit their proof of participation and eligibility credentials for participating in Pre-bid meeting and the details/queries to be mailed to rsk@nfc.gov.in ; latest by 08.04.2018 in the format given in APPENDIX IX to NIT. Those who have sent credentials for site visit need not be sent once again for pre-bid meeting.
e)	Last date and time for on line submission/ uploading of offer duly filled in bid documents-1. Technical evaluation sheets and 2. Schedule of quantities.	: Bid documents downloaded during tender request shall be duly filled in and uploaded on line along with EMD details on or before 25.04.2018 at 21:00 hrs.

S. No.	Salient Feature	Details
f)	Last date for submission of hard copies of tender fee, Tender processing fees & EMD & proof of eligibility criteria etc. (As per Clause. No. 13.0),	: Tender processing fees & EMD in original and attested copies of certificates for proof of eligibility (As per Clause No. 13.0) shall be submitted or handed over on or before 05.05.2018 at 14:00 hrs to the GM(NFC-Kota), 3 rd floor, Saarathi Building, Nuclear Fuel Complex, Hyderabad–500062. Delayed offers due to Postal delay or any other reason whatsoever will not be considered.
g)	Date and time of on-line opening of Envelope-I (Pre- qualification bid and techno-commercial documents)	05.05.2018 at 15:00 hrs at the Office of GM(NFC-Kota), 3rd Floor, Sarathi Building , Nuclear Fuel Complex, Hyderabad–500062. Interested parties may participate in Tender Opening.
h)	Date and time of on line opening of Envelope-II (Financial Bid)	To be intimated to the qualified bidders later on.
i)	Bid Validity [For details, Refer Cl. 24.0 below and FORM-H]	: The Bid shall be valid for a period of 210 (Two hundred ten) days from the due date (extended due date in case of time extension for submission of hard copy of bid) of opening of Envelope-I (Pre-Qualification and Techno-commercial Bid)
4.6	Contact Person of NFC for clarification / information on Tender	: Shri R S Kulakarini, GM (NFC-Kota), III rd Floor, Sarathi Building, Nuclear Fuel Complex, ECIL Post, Hyderabad–500062. Ph: 040-27184115, 040-27184117 Fax: 040 -27122532, during office hours. Email: rsk@nfc.gov.in .
4.7	Requirements for registration in DAE for participation in e-tender of NFC	: For registration, Digital signature of class- III (DSC) is required. Registration process for a bidder takes about a week time. Hence bidders advised to take advance action for getting DSC and registration. Details of registration for e-tendering will be available on website www.tenderwizard.com/DAE under icon “enroll me” or as mentioned below at S.No.4.8.
4.8	Contact Person for Queries for e-tendering process and registration	: Shri. Vijay Kumar Ph. No.: 07207042074 or Ms. Sarada, Ph.No.: 09686115310 Email: daehelpdesk@gmail.com

4.9 Mode of Participation:

Tenderer shall log onto www.tenderwizard.com/dae and download bid documents (e-formats of Technical evaluation sheets A to G and Schedule of Quantities (SOQ) after uploading fees details and submit online the same duly filled in subsequent to input of EMD details and other documents as per cl. **No.13** of this section. Hard copies shall be submitted as per **cl. No.13**.

- a) The offer of bidder who fails to submit **Tender processing fees, Original EMD** as per Clause no. **4.4** above on or before the cut-off time and date mentioned in the tender notice shall be summarily rejected. Delayed /late submission of credentials (original/certified copies in original) and Fees (Tender Fee/Tender Processing Fee/EMD) in originals shall not be entertained.
- b) Bidders are required to submit copies of certificates as per **cl. No. 13.0** below on or before the cut-off time and date mentioned in the tender notice, failing which NFC at their discretion may reject the offer of bidder without giving any further opportunity to submit these balance documents and without any intimation or clarification to the bidder. It is the sole responsibility of the bidder to submit all relevant documents along with their bids as per tender requirements at the first instance at the time of bid submission.

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

5.1 **Experience Criteria (Eligibility criteria for participation in tendering)**

Estimated Cost for the work is Rs. 3511.85 Lakh.

- (A) The bidder should have satisfactorily completed during **last 7 years** ending **previous day of last date of submission of bids**.
 - (1) **One** similar completed work not less than **80%** of Estimated cost **i.e. Rs. 2809 Lakh**
 - 'OR'**
 - (2) **Two** similar completed works **each** costing not less than **60%** of Estimated cost **i.e. Rs. 2107 Lakh each**
 - 'OR'**
 - (3) **Three** similar completed works **each** costing not less than **40%** of Estimated cost **i.e. Rs. 1405 Lakh each**
- (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 last date of receipt of tender as mentioned in NIT. 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**' is as defined below:

Supply, Installation, Testing and Commissioning of Substation of voltage rating 6.6KV or above including a power transformer, HT Switchgear (6.6KV or above) and HT Cabling (6.6KV or above).
- (D) Bidder should have satisfactorily completed at least one work involving a transformer of capacity 5MVA or above with minimum primary voltage rating of 33KV.
- (E) Contractor shall possess valid electrical license for 33KV voltage level issued by Chief Electrical Inspectorate. Attested copy of the same shall be submitted along with bid.

Attested copies of certificates as proof of evidence for above, are to be uploaded and to be submitted.

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) shall be satisfied by the bidder.

B) Annual Turnover

(i) The **average annual financial turn over on** should be at least **50% of the estimated cost** i.e. **Rs. 1756 Lakh** during the **immediate last 3 consecutive financial years**.

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 three financial years, in support of meeting the financial criteria as mentioned above

(ii) The Bidder should **not have incurred any loss in more than two years during last 5 years period ending with last financial year**.

(iii) **Copy of Auditor's Balance sheet and duly filled in FORM-C** included in the Tender document **should be uploaded and submitted by bidders in support of the Annual Turnover criteria**. The **full audited financial statement with all schedules, profit and loss account, audit report** etc. shall be uploaded in website and submitted in hard copy also by the bidder.

C) **Solvency:** Bidder should have the amount equal to **40%** of the estimated cost of the work i.e. **Rs. 1405 Lakh**.

Copy of **Fresh Solvency Certificate** issued by any **scheduled Bank** on or after 01.04.2017. (as per **Appendix-III to detailed NIT**) and **FORM-D of this Tender Document** are required to be uploaded and submitted. **The date of solvency certificate should not be earlier than one year from the date of opening of Envelope-I.**

D) Copy of **Registration of GSTIN and PAN, Employee Insurance and provident Fund**.

6.0 **In-house work experience: In-house work experience shall not be considered as valid experience for the purpose of qualification.**

7.0 **Experience of only Bidding entity shall be considered for qualification.**

8.0 **The bid of consortium/ unincorporated joint venture (JV) and foreign bidders shall not be considered for this tender.**

9.0 Bidder's past experience of the qualifying job(s) as joint venture (JV)/ consortium for qualification purposes may be considered provided the nature of work and component value of work etc. of Bidder's experience shall meet the BEC. Bidder to submit copy of JV/Consortium agreement, bidder's scope of work and supply, percentage share in JV/ consortium, performance certificate, work order, completion certificate etc. as required to meet the BEC

10.0 Bidder's past experience of the qualifying job(s) as sub-contractor to a main contractor shall not be considered for qualification purposes. However, in case, the work is executed for government and has the approval of government for the subcontract in writing, then experience of sub-contractor for qualifying the jobs may be considered. In addition to this, the nature of work and component value of work etc. of Bidder's experience as sub-contractor shall meet the BEC. Bidder to submit copy of work order, completion certificate, bidder's scope of work and supply, value of work executed, performance certificate from the Client etc. as required to meet the BEC.

- 11.0 **SSI/MSME/PSU** (Central & State) **are not exempted** from submission of EMD, Bid document fee and processing fee for tender processing. Purchase preference for **SSI/MSME/PSU** shall not be provided for this tender.
- 12.0 **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 (**Envelope-II**). **Bidders taking deviations to the provisions of Tender Document shall be summarily rejected.**
- 13.0 **Certificates to be uploaded (after scanning) online during uploading of filled Bid documents**
- i) Experience /performance certificates of works completed by the contractor
 - ii) Audited balance sheets of immediate preceding 5 years including profit and loss account, all schedules, audit report etc.
 - iii) Latest solvency certificate from a scheduled Bank
 - iv) GSTIN, PAN registration, Employee Insurance and provident Fund.
 - v) Transaction/process fee, EMD in original
 - vi) Declaration by the bidder duly signed (in the format included in tender document)
 - vii) Appendices I, II, IV, VI,VII & VIII to NIT
 - viii) All relevant documents if bidder’s past experience of qualifying job(s) is as Joint Venture/ Consortium as stated above in respective clause.
 - ix) All relevant documents if bidder’s experience of qualifying job(s) is as a sub-contractor to a main contractor as stated above in respective clause.

The hard copies of above documents shall be submitted in Cover-I & II as defined in **submission of tenders**.

The following are the Technical Evaluation sheets related to the qualification criteria **available online in bid documents** and shall have all information. The data so filled will be verified with respect to the above documents uploaded.

FORM- A: Similar works completed during last 7 years by the contractor.

FORM-C: Turnover for last 5 years

FORM-D: Solvency certificate details & AS PER FORMAT Appendix-III to NIT,

FORM-G: General Data

- 14.0 Entire Tender document is available on www.tenderwizard.com/DAE under icon **tender notification**.
- 14.1 **Downloading of documents available online www.tenderwizard.com/DAE** . The icons available on the screen are 1. Tender notification 2. Bid document 3. Corrigendum/amendment.

Tender notification: The entire tender document is in pdf form. **This is meant for viewing or reference purpose only. However the same can be downloaded for information but not for submission nor uploading.**

Bid document: This consists of e- formats of Technical evaluation sheets (Form A to G) and Schedule of Quantities.

Forms of Technical Evaluation sheets: The formats (A) similar works completed during last 7 years, (C) turnover for last 5 years (D) data of solvency certificate (G) General Data

Schedule of Quantities (SOQ): This consists of various items to be carried out for the work and to be read in conjunction with the drawings, specifications and other conditions of tender for filling the rates.

These bid documents are the part of the offer and to be submitted online by the party after filling. These documents shall be invariably downloaded within time and date of **tender request as mentioned in the detailed NIT** using Digital signature, User id and password on input of details of fees (Tender fees and processing fees) for participation in tender.

NOTE: Contractor shall download bid documents as above and save on the system (Technical evaluation sheets/ forms A to G and Schedule of Quantities) on the desk top **without changing file names**

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.

Vendor manual may be referred which is available on www.nfc.gov.in or www.tenderwizard.com/DAE. For help contact M/s ITI personnel as given above Clause no. 4.8 of this section.

Demonstration on e-tender participation will be arranged for the interested contractors on request or on the dates if any indicated in NIT.

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

14.2.1 On-line submission of bid documents- Technical evaluation formats- forms A to G 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 **mentioned in detailed NIT. No hard copies of Filled-up bid documents i.e. Technical evaluation sheets forms A to G of Technical Bid and Schedule of Financial Bid are required to be submitted.**

14.2.2 Submission of Hard copies of certificates as per **Clause No. 13.0** and any other documents that required for fulfillment of tender conditions to **GM (NFC-Kota), 3rd Floor, Saarathi Building, Nuclear Fuel Complex, Hyderabad-500 062** within the time and date of submission of credentials **as mentioned in detailed NIT**

These original instruments of Tender form fees, Tender processing fees and EMD shall be placed in single sealed **Cover-I** superscribed as **FEE** "Tender processing fees and EMD".

Copy of Enlistment Order, certificates of work experience and other documents as specified in Clause No.13.0 duly certified shall be placed in a separate **Cover-II** marked as **"Other Documents"**.

Both the covers (Fee and other documents) shall be placed in another cover duly sealed with due mention of Name of work, date & time of opening of bids **addressed to GM(NFC-Kota), 3rd Floor, Saarathi Building, Nuclear Fuel Complex, Hyderabad-500 062** and to be dropped in the tender box placed at Ground Floor, Saarathi Building on or before last date and time of submission as notified that is up to **as mentioned in detailed NIT. The documents submitted shall be opened on the date and time as mentioned in detailed NIT.**

Online bid documents submitted by intending bidders shall be opened only of those bidders, whose Earnest Money Deposit, Cost of Bid Document and e-Tendering Processing Fee and other documents placed in the Cover-I & II are found in order. Consequently bid document Technical evaluation sheets will be opened.

- 15.0 **The offers of the bidder(s) will be summarily rejected in case of delayed or late submission of documents which are required in hard copies.** Department will not be responsible for Postal delays.
- 16.0 **Contractor can upload documents in the form of PDF, JPG and Zip format.**
- 17.0 Any **additional information given/ sought for techno-commercial clarifications during pre-bid meeting** and corresponding document which form part of contract shall be scanned and uploaded.
- 18.0 **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 Clause no. 5 above. The EMD of bidders who are not qualified in qualification stage will be returned along with the letter indicating the reasons of their disqualification. However bid processing fee shall not be returned.
- 19.0 **Document Certification:** All pages of Techno-Commercial qualification documents for qualification are to be duly attested **by a Gazetted officer/ Notary**. 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.
- 20.0 e - tender system neither allow the bidder to download the empty/unfilled bid documents such as technical evaluation sheets (Forms A to G) and schedule of quantities nor accept to upload the same after due dates and time given in NIT.
- 21.0 Technical meeting may be conducted if required for discussions for evaluation or clarifications.
- 22.0 **Envelope-II (Financial Bid): Envelope-II shall be opened only of those bidders who qualify evaluation of Envelope-I (qualification Bid and Techno-Commercial Bid). The date of opening of Part-II (Financial Bid) will be communicated to the qualified bidders only. Therefore, bidders are required to submit the requisite data with documents in Envelope-I (Prequalification Bid and Techno-commercial Bid) itself**
- 22.1 **Mode of filling Envelope-II (Financial Bid):**

Bidder must ensure to quote rate of each item. The column meant for quoting rate in figures appears in **yellow** colour and the moment rate is entered, it turns **sky blue**. However, while selecting if any cell is left blank/filled vacant, the value for that cell will be taken as "0" by software 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.
- 22.2 **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.**
- 22.3 **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.**
- 22.4 **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.**

- 22.5 Bidder shall not disclose rates quoted in Envelope-II (Financial Bid) nor shall enclose/submit any hard copy along the documents of Cover-I & II.
- 23.0 The bid submitted shall become invalid if:
- (i) The bidder is found ineligible.
 - (ii) The bidder does not upload all the documents (including GST registration/ VAT registration) as stipulated in the bid document **including the deposition of physical original EMD of the EMD uploaded & Tender processing fee.**
 - (iii) If any discrepancy is noticed between the documents as uploaded at the time of submission of bid and hard copies as submitted **physically by the bidder** in the office of bid opening authority.
 - (iv) *The tender is cancelled by the department*
 - (v) The bidder has submitted any false information/ documents and subsequently disqualified.
- 24.0 **Performance Guarantee (PG):** The bidder whose offer is accepted is required to submit **Performance Guarantee within a period of 15 days from the date of award of work. Performance Guarantee shall be 5% of tendered and accepted value.** It can also 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 and Accounts Officer, NFC payable at Hyderabad or Bank Guarantee from any scheduled Bank **valid for stipulated duration of contract along with an additional claim period of six months or** as mentioned in LOA or Order issued by the Department. EMD will be returned after submission and confirmation of Performance guarantee.
- 25.0 **Security Deposit (SD):** During execution of work, **Security Deposit (SD)** will be deducted from Running Bills up to **2.5% of tendered and accepted value.** The amount will be deducted at the rate of **2.5%** of bill value till the total SD amount is recovered. 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.
- 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 i) above.** 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 the said earnest money** 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 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. 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 copies of qualification documents directly to the contact person of NFC as mentioned in Clause No. 4.6 above through email for verification and getting confirmation letter 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 Labourers:** Police verification certificate of all labourer 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 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 **TAXES, DUTIES etc.:-**The rates quoted shall be inclusive of GST, all material, man power, equipment/ plant/ machinery required for satisfactory completion of item in all respects but exclusive of ESI & EPF charges, (ESI, EPF shall be reimbursed subject to production of documentary evidence). The rate shall also include Police verification Certificates of labour/staff engaged/ licenses, special safety measures etc., as explained in Special Clauses of Contract (SCC). **IT, GST and labour cess as applicable will be deducted as TDS from bills.**

Contractor has to submit Medical certificates, ESI & PF 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 of the debris/ scrap produced during the execution of the work to an identified location.

- 33.0 On bid opening dates, the bidders can login in the website so that the position of bidders as per opening and their quoted total amount can be seen.
- 34.0 **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.
- 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.**
- 35.0 Bidder shall sign the **declaration** and to be submitted /uploaded in **Envelope-I (Techno-Commercial Bid)**
- 36.0 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, may be summarily rejected at the discretion of the competent authority.**
- 37.0 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.

- 38.0 **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.**
- 39.0 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 Envelope-I (Techno-Commercial Bid)**
- 40.0 **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 Envelope-1 (Techno-Commercial Bid)**
- 41.0 **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.
- 42.0 **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 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) No rebate in price against quoted unit rate of some item(s) or on total price is allowed separately in any form. Such rebate, if quoted, shall not be considered for price evaluation and bid may be liable for rejection. However, if the bid is considered and bidder happens to be L1 without considering the unsolicited rebate, such rebate shall be considered while awarding the work and during execution of the contract.
 - d) As price is submitted online without any deviation and the itemwise 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.
 - e) The job shall be awarded to the L1 bidder whose total price is lowest amongst the total prices of all bidders.
- 43.0 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 shall sign the contract consisting of:-

Envelope-I (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 A 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 **Envelope-II** (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.

**Signature of
GM (NFC-Kota)**

For and on behalf of President of India

Note: Wherever the reference of Engineer-in-Charge or Superintending Engineer is given in the tender Document, the same may referred as **GM(NFC-Kota)**

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

TECHNICAL AND ADMINISTRATIVE PERSONNEL

SL. NO.	DESCRIPTION	REQUIREMENT DURING CONSTN.
1.	RCM/ SITE-IN-CHARGE	1
2.	LEAD DISCIPLINE ENGINEER - ELECTRICAL	1
3.	LEAD QA/QC ENGINEER	1
4.	LEAD PLANNING ENGINEER	1
5.	W/H IN-CHARGE/ MATERIALS MANAGER	1
6.	QUANTITY SURVEYOR	1
7.	DISCIPLINE ENGINEERS + SUPERVISORS - CIVIL - ELECTRICAL - SAFETY OFFICER	0+1 1+1 1+1

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

PLANT, EQUIPMENT & MACHINERY

REFER ANNEXURE OF SCHEDULE – F

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

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

This is to certify that to the best of our knowledge and information that M/s./Shhaving marginally noted address, a customer of our bank are/is respectable and can be treated as good for any engagement upto a limit of Rs..... (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).

TURNOVER FOR LAST FIVE FINANCIAL YEARS

Sl. No.	Financial Year	Gross Annual Turnover (Rs. In Lakhs)	Profit/Loss (Rs. In Lakhs)	Remarks
1	2016-17			
2	2015-16			
3	2014-15			
4	2013-14			
5	2012-13			

- I. 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

-
- II. **Financial arrangements for carrying out the proposed work**

Signature of Bidder

APPENDIX V
TO
NOTICE INVITING e-TENDER

PERFORMANCE REPORT OF WORKS REFERRED TO IN FORMS “A”
(FOR ALL QUALIFYING JOBS)

PLEASE REFER TECHNICAL EVALUATION SHEET

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

COMPLIANCE TO BID REQUIREMENT

WORKS: ELECTRICAL WORKS FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF MAIN RECEIVING SUBSTATION (MRSS) FOR NFC-KOTA AT RAWATBHATA, CHITTORGARH (DIST.), RAJASTHAN-323307.

PROJECT: NUCLEAR FUEL COMPLEX (NFC), KOTA

TENDER NOTICE NO.:

BIDDING DOCUMENT NO.: KNM/A367-000-EC-TN-0011/1008

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 : _____

APPENDIX-VII
TO
NOTICE INVITING e-TENDER

**ELECTRICAL WORKS FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING
OF MAIN RECEIVING SUBSTATION (MRSS) FOR NFC-KOTA AT RAWATBHATA,
CHITTORGARH (DIST.), RAJASTHAN-323307.**

DETAILED SCOPE OF WORK

The scope of this tender includes but is not limited to the following works. The scope shall also include handling, transportation of equipment/ material from owner's stores/ warehouse to the place of installation and supply of commissioning spares wherever required.

- 1.1 **Supply, Installation, Testing and Commissioning (Equipment/ Material supplied by contractor)**
- 1.1.1 33kV, 800A, 31.5kA (1Sec.) outdoor kiosk type circuit breaker along with power pack for DC / auxiliary supply, feeder differential protection, multi-function meters, metering and numerical relays.
- 1.1.2 33KV, 800A TPN, 31.5kA (1 sec.) indoor switchboard with copper bus bar in draw out execution incorporating incomer Vacuum circuit breakers, bus coupler and outgoing VCBs complete with feeder differential, bus bar differential protection, multi-function meters (MFM), metering & numerical relays, CTs, PTs, data concentrator and other accessories like earthing truck for bus side and cable side earthing, lifting truck, mandatory, commissioning and maintenance spares etc as per data sheets enclosed.
- 1.1.3 33 KV Power cabling between the Existing Load break switches on DP structures to Outdoor VCB Panels, Outdoor VCB Panels to the 33KV HT panel incomers including the end terminations, cable joints, cable trays & supports, related civil works etc. as required.
- 1.1.4 33/11KV, 16/20 MVA, Dyn1, ONAN/ONAF WITH OLTC & RTCC Power transformers.
- 1.1.5 11kV/ $\sqrt{3}$, 600A for 10 Sec, 10.58 Ω Neutral grounding resistor with all accessories and supporting structures, civil works.
- 1.1.6 11 KV, 1250 A, 40 KA (1Sec.) indoor switchboard with copper bus bar in draw out execution with VCBs, complete with feeder differential, bus bar differential protection, multi-function meters (MFM), metering & numerical relays, CTs, PTs, data concentrator and other accessories like earthing truck for bus side and cable side earthing, lifting truck, mandatory, commissioning and maintenance spares etc. as per data sheets enclosed.
- 1.1.7 11kV, 3 phase, 550 KVAR, outdoor type, star connected, star point isolated, shunt capacitor banks H.V. capacitor banks and APFC complete with insulators, discharge devices, inter connecting bus link, series reactor, residual voltage transformer, series reactor and RVT etc.
- 1.1.8 11/0.433 KV, 2000KVA, Dyn11 distribution transformers with off circuit tap changer
- 1.1.9 11 KV Power cabling between the 33KV/11KV transformer to NGR, 11KV HT panel to the 11/0.433 KV Transformers and capacitor banks etc. including the end terminations, cable joints, cable trays & supports, related civil works as required.
- 1.1.10 415 V, TPN, 50kA (1 sec.) indoor switchboard in draw out execution incorporating incomer air circuit breakers, bus coupler air circuit breaker, outgoing air circuit breakers complete with MFM, metering and numerical relays, CTs, PTs, data concentrator with feeders as per data sheets enclosed. Other panels like ASBs, LDBs, ELDBs etc. as the data sheets.
- 1.1.11 110V DC supply system comprising dual float cum boost charger with independent battery bank for each FCBC (each bank shall be rated for 50% of capacity), DCDB, cell booster for switchgear protection, control and critical lighting for S/S
- 1.1.12 11 kV Bus duct & 415V bus duct.
- 1.1.13 MV cables for power, control, lighting , road crossing, pipes, cable trays and instrument ducts etc.
- 1.1.14 Lighting system consisting of 415/415 V, Dyn11 3-phase dry type lighting transformers,

lighting fixtures, lighting and power panels, junction boxes, switches, sockets, receptacles, ceiling fans, exhaust fans, including wiring requirements, telephone wiring & LAN requirements in MRSS substation building.

- 1.1.15 Grounding system including GI earth electrodes in test pits, wire ropes, earth plate, earthing cables / strips of various sizes, flexible connections, associated connectors and accessories etc.
- 1.1.16 Lightning protection system with required quantity of horizontal & vertical air termination system, down conductors, earthing system including all the accessories for MRSS building protection rods.
- 1.1.17 Safety equipment/ fire extinguishers, safety mat, sand bucket, First Aid Box, discharge rod, rubber hand gloves, Shock treatment chart in sub-stations and wherever specified in relevant drawings / specifications.
- 1.1.18 Chequered plates for covering floor cutouts, unused cable trenches etc.
- 1.1.19 Fire proof sealing system including supply & fabrication of steel frames.
- 1.1.20 Gravel as required in transformer bays etc.
- 1.1.21 Any other material (not covered under EIL / Owner's supply) and though not specifically mentioned above but required for completion of the work as per specifications, drawings and instruction of Engineer-in-charge.
- 1.1.22 The scope shall also include handling, transportation of equipment/ material from owner's stores/ warehouse to the place of installation wherever required.

1.2 **Miscellaneous**

- 1.2.1 The job includes repairing of all civil works damaged during installation of electrical facilities and civil works connected with grouting of equipment, providing foundations for control stations, lighting poles, cable markers, earth pits etc. Scope of work under this contract shall be inclusive of breaking of walls/ floors and chipping of concrete foundations necessary for the installation of equipment, materials and making good of the same.
- 1.2.2 Coordination between various agencies/ equipment vendor/ other contractors working at site and providing all assistance and interface connections as per drawings to enable others to take up testing and commissioning activities of their equipment/ systems.
- 1.2.3 Supply and installation of all other accessories not specifically mentioned herein but nevertheless necessary for completion of job.
- 1.2.4 Engineering and preparation of specifications and drawings for electrical equipment and installation wherever applicable/ required by owner and submitting the same to owner for approval/ comments.
- 1.2.5 Correction and submission of all owners' drawings for As-built status.
- 1.2.6 Obtaining clearance and approvals for installation/ drawings from Central Electricity Authority/ chief controller of explosives (CCE) any other statutory authority for energizing the complete electrical facilities covered under this tender and obtaining CCE approval for imported hazardous area motors, if any. It may be noted that no separate payment shall be made for any statutory approvals and the cost shall be deemed to be built in the rates quoted for various SOR items.
- 1.2.7 Minor modifications, wherever needed, for the free-issued material/ equipment/ devices to enable cable entry/ termination, wiring changes etc.
- 1.2.8 Sealing of openings made in walls/ floors, firewalls for cables etc., using acceptable practices and standards.

1.3 **Works excluded**

Works listed herein are specifically excluded from the scope of this contract:

- Major civil works.

1.4 **Co-ordination with other Contractors/ Agencies**

It is the responsibility of the contractor to coordinate and provide all necessary assistance to other contractors/ agencies/ vendors involved in the complex for proper and timely execution of the works.

APPENDIX-VIII TO NIT

LETTER FOR SUBMISSION OF BID

(To be submitted by bidders on their letter head)

Date: -----

To

GM(NFC-Kota)
Civil Engineering Division, 3rd Floor
Sarathi Building, Nuclear Fuel Complex,
ECIL Post, Hyderabad-500062, AP, India

Attn. : Shri RS Kulakarini

Our Ref. : _____

Bidding Document No. (EIL) : KNM/A367-000-EC-TN-0011/1008

Tender Notice No.: _

Name of work: ELECTRICAL WORKS FOR SUPPLY, INSTALLATION, TESTING AND COMMISSIONING OF MAIN RECEIVING SUBSTATION (MRSS) FOR NFC-KOTA AT RAWATBHATA, CHITTORGARH (DIST.), RAJASTHAN-323307.

Project : _____ **Client:** _____

Dear Sir,

Please find herewith our Bid for the subject work **in two Envelopes (Envelope-I: qualification and Techno-commercial Bid, Envelope-II: Financial Bid)** in line with the requirement of the Tender Document. We confirm that:

1. **Our Bid contains two (2) covers, One cover consists of EMD** in the form and of requisite value, **Processing fee** for Tender Transaction as specified in **NIT. The other cover includes** documents related to **qualification criteria and techno-commercial as per Clause No. 13.0.**
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 **210 Days from due date (extended due date in case of time extension for submission of hard copy of bid) of opening of Envelope-I.** 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 EIL/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.
9. We also confirm that in the event of award of work to us, we shall submit performance guarantee for execution of work including the defect liability period as per terms and conditions of the Tender document in NFC approved format.
10. 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 authorised signatory (having power of attorney (POA)).
2. All correspondence with EIL/NFC shall be made by the POA holder.

APPENDIX-IX TO NIT

FORMAT FOR PRE BID QUERIES (to be indicated as per 4.5(d))

Sl. NO	SECTION	PAGE NO	CLAUSE	SUBJECT	DESCRIPTION OF CLAUSE	CLARIFICATION SOUGHT	NFC RESPONSE