TABLE OF CONTENTS

PART I: Bidding Procedures				
Notice for I	nvitation of Bids (IFB)			
Section 1.	Instructions to Bidders (ITB)			
Section 2.	Bid Data Sheet (BDS)			
Section 3.	Evaluation and Qualification Criteria (EQC)			
Section 4.	Bidding Forms (BF)			
PART II: Requirement				
Section 5.	Scope of Work			
Section-6.	Technical Specification			
	Part-1: Annexure-01-Site Details of RRTS Stations			
	Part-1: Annexure-02-Interface Matrix			
	Part-1: Annexure-03- Conditions of Contract on Safety, Health and Environmental (SHE)			
	Part-2: Bid Drawings			
PART III: C	Conditions of Contract and Contract Forms			
Section 7.	General Conditions of Contract (GGC)			
Section 8.	Special Conditions of Contract (SCC)			
Section 9.	Contract Forms (CF)			
Financial Bid				
Section 10.	Financial Bid			

IFB Page 1 of 9

NOTICE

FOR

INVITATION OF BIDS

(IFB)

IFB Page 2 of 9

Package-20

NATIONAL CAPITAL REGION TRANSPORT CORPORATION LTD. 7/6, Siri Fort Institutional Area, August Kranti Marg, New Delhi-110049.

INVITATION FOR BIDS (IFB)

Bid Reference No. DM/EL/COR-OF/133

1.0 National Capital Region Transport Corporation Ltd. (NCRTC), a joint venture Company of Government of India and participating States, having its Corporate office at 7/6, Siri Fort Institutional Area, August Kranti Marg, New Delhi – 110049, India, invites open e-bids (Electronic Bid) (Manual bid are not permitted) on Local Competitive Bidding (LCB) under single stage two packet system for the following works:

Date: 05.03.2021

1.1 Name of Work: DM/EL/COR-OF/133, Package 20: Design, Engineering, Supply, Installation, Testing, Commissioning and Comprehensive Operation & Maintenance of Roof Top Solar PV Project and associated support structure works on RESCO Model for a Period of 25 Years in Delhi – Ghaziabad – Meerut RRTS Corridor of NCRTC.

1.2 BID SCHEDULE/ DETAILS -

a.	Estimated Cost	NA
b.	Bid Securing Declaration	The Bidder shall upload the scanned copy of the Bid Securing Declaration as per format as provided in Section 4: Bidding Forms.
c.	Completion period of work	Duration of work is 1460 days for Design, Engineering, Supply, Installation, Testing, Commissioning of Roof Top Solar PV and 25 Years for O&M Services after Commissioning of Roof Top Solar PV.
d.	Availability of Bid Document	From 05.03.2021 to 08.04.2021 (up to 15:00 hrs.) on e-bidding portal as mentioned in clause 1.2 (l) of IFB (Bid Schedule).
e.	Cost of Bid Documents	NIL
f.	Last date of Seeking Clarifications	18.03.2021 (Up to 17:00 Hrs.) (Queries from bidders after due date and time shall not be acknowledged)
g.	Pre-bid Meeting	18.03.2021 at 11:00 Hrs.
h.	Last date of issuing amendment, if any	
i.	Date and time of submission of Online Bid	Bid submission start date:31.03.2021 from 1500 Hrs Bid submission end date:08.04.2021 up to 1500 Hrs
j.	Date & Time of opening of Bid (Technical Bid only)	09.04.2021 at 1500 Hrs.

IFB Page 3 of 9

Package-20

k.	Authority and place for correspondence on Bidding documents, seeking clarifications on bid documents.	Group General Manager /Procurement National Capital Region Transport Corporation Ltd. 7/6, Siri Fort Institutional Area, August Kranti Marg, New Delhi – 110049 Tel:+91-11-41066943 Fax:+91-11-41066953 Email:-procurementcell@ncrtc.in "Prospective bidders are requested to ensure that bid identification number (i.e. Bid No.) of the particular bid should be clearly mentioned in the subject and the content of the email in each email correspondence, failing which there is a probability that this correspondence may not be considered."
1.	E-bidding portal for Uploading of Bid Documents, Seeking Pre-bid queries, Uploading of Reply to pre-bid queries, Uploading of Corrigendum/Addendum, Submission of bids, Uploading of Post bid clarifications, Award of Work etc.	https://etenders.gov.in/eprocure/app

- 2. Bidders are advised to note the eligibility and minimum qualifying criteria specified in the Section 1 "Instruction to Bidders" and Section-03 "Evaluation and Qualification Criteria" stipulated in the bid document.
- 3. **Availability of Bidding documents:** The bid documents and addendum/corrigendum (if any) will be available free of cost for downloading on e-bidding portal as mentioned in clause 1.2 (l) of IFB (Bid Schedule). However, it will be the responsibility of the bidder to download complete bid documents and to check and see issuance of addendum / corrigendum (if any). The addendum / corrigendum, if any, shall be made available only on the e-bidding portal.
- 4. Any Bid not accompanied by a substantially compliant Bid-Securing Declaration in accordance with ITB 19.1, Bid shall be rejected by the Employer as non-responsive.
- 5. For Make in India/MSEs / Startup business, bids must be accompanied with the details as stipulated in the Bid Data sheet clause for ITB 34 Such bidders shall upload the scanned copies of these details in their online bid. No purchase preference in terms of Bid Data sheet clause for ITB 34, will be given to the Bid not accompanied by such details.

IFB Page 4 of 9

6. **Pre-bid Meeting:**

The Prospective Bidder's designated representative are invited to attend a pre-bid meeting, as per the schedule given below. The purpose of the meeting will be to clarify issues and to answer questions on any matter that may be raised at that stage.

The pre-bid meeting shall be conducted on 18.03.2021 at 11:00 hrs (IST) through Video Conferencing (VC) mode only.

The Prospective Bidders who wish to join the Video Conferencing shall send a request email on the Official email Id of Procurement Cell (i.e. procurementcell@ncrtc.in) by 16.03.2021 up to 17:00 hours so that a link for

Video Conferencing can be sent by NCRTC at that email Id.

Please note that the request received from the prospective Bidder (With details of the Company, its address, and the name and designation of the person attending the VC) will be entertained. They should also mention the email id through which VC is desired to be joined. Based on the number of requests received by various Bidders NCRTC may allow maximum of two email Ids for one company to participate in the VC.

Any request for VC received after the given date and time for sending the link for VC may not be entertained by NCRTC.

Prospective Bidders will be able to join the VC through the link provided to them on Email ID on which the link has been requested by them.

During this pre-bid meeting, prospective Bidders may request clarification of the requirement or any other aspects of the Bidding Document.

- 7. The bidder is requested to submit any questions in writing as per the standard proforma provided in section-4 of bidding document (Form PQ-1 of bidding form) and uploading it on the e-bidding portal, to reach the Employer not later than the date and time as stipulated in clause 1.2 (f) of the IFB.
- 8. Last Date of Receipt and opening of Bids: Bid submissions shall be done online on ebidding portal as mentioned in clause 1.2 (i) of IFB (Bid Schedule). Bidders to take note of uploading the mandatory scanned documents towards Bid Securing declaration and MSEs/Startup Business Certificate and other documents as stated in the bid document. Submission of Bids shall be closed automatically after the last date and time on e-bidding portal after which no bid can be uploaded.

9. General Instructions on e-bidding

- 9.1 The intending bidders must be registered on e-bidding portal as mentioned in clause 1.2 (l) of IFB (Bid Schedule). Those who are not registered on the e-bidding Portal shall be required to get registered beforehand. After registration, the bidder will get user-id and password. On login, bidder can participate in bidding process and can witness various activities of the bidding process.
- 9.2 The authorized signatory of intending bidder, as per notarized Power of Attorney (POA), must have valid class-III digital signature. The bid document can only be downloaded from e-bidding portal. However, the bidder shall upload their bid on e-bidding portal as mentioned in clause 1.2 (l) of IFB (Bid Schedule) using class-III digital signature of the authorized signatory only.

Page 5 of 9

- 9.3 Bid submissions shall be done online on e-bidding portal, after uploading the mandatory scanned documents towards Bid Securing Declaration or other documents like MSEs / Startup business exemption certificate as stated in the bid document. Instructions for online bid submission are annexed herewith.
- 9.4 Submission of bid shall be closed on e-bidding portal at the date & time of submission prescribed in clause 1.2 (l) of IFB (Bid Schedule) after which no bid can be uploaded. It shall be the responsibility of the bidder to ensure that his bid is uploaded online on e-bidding portal before the deadline of submission. NCRTC will not be responsible for non-receipt of bid documents due to any delay and/or loss etc.
- 9.5 Bid shall be valid for a period of **180 days** (both days inclusive i.e. the last date of submission of bids and the last date of validity of the bid) from the deadline (date and time) of submission of Bids (from the revised deadline (date and time) of submission of Bids in case revised in corrigendum/addendum) as prescribed in clause 1.2(i) of IFB (Bid Schedule) and shall be accompanied with a bid securing declaration in the requisite format of Section-4 Bidding Form or details of MSEs / Startup business as stated in the bid document.
- 9.6 NCRTC reserves the right to accept or reject any or all bids any time without assigning any reasons. No bidder shall have any cause of action or claim against the NCRTC for rejection of bids.
- 9.7 Bidders are advised to keep themselves apprised for any updates in e-procurement portal.
- 9.8 The Letter of Acceptance (LOA) to the successful bidder shall be dispatched by registered post/courier/hand delivery and shall also be e-mailed.

Group General Manager /Procurement National Capital Region Transport Corporation Ltd.

Page 6 of 9

Package-20

Instructions for Online Bid Submission:

The bidders are required to submit soft copies of their bids electronically on the e-bidding Portal specified in clause 1.2 (l) of IFB (Bid Schedule), using valid Digital Signature Certificates. The instructions given below are meant to assist the bidders in registering on the e-bidding Portal, prepare their bids in accordance with the requirements and submitting their bids online on the e-bidding Portal.

More information useful for submitting online bids on the CPP Portal may be obtained at ebidding Portal specified in clause 1.2 (l) of IFB (Bid Schedule)

REGISTRATION

- 1) Bidders are required to enroll on the e-Procurement module of the Central Public Procurement (CPP) Portal (URL: link has been mentioned in clause 1.2 (l) of IFB (Bid Schedule)) 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 (DSC) (Class III Certificates with signing key usage) issued by any Certifying Authority recognized by CCA India (e.g. Sify /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 others 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.

SEARCHING FOR BID DOCUMENTS

- 1) There are various search options built in the CPP Portal, to facilitate bidders to search active bids by several parameters. These parameters could include Bid ID, Organization Name, Location, Date, Value, etc. There is also an option of advanced search for bids, 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 bid published on the CPP Portal.
- 2) Once the bidders have selected the bids they are interested in, they may download the required documents / bid schedules. These bids can be moved to the respective 'My Bids' folder. This would enable the CPP Portal to intimate the bidders through SMS / e-mail in case there is any corrigendum issued to the bid document.
- 3) The bidder should make a note of the unique Bid ID assigned to each bid, in case they want to obtain any clarification / help from the Helpdesk.

PREPARATION OF BIDS

- 1) Bidder should take into account any corrigendum/addendum published on the bid document before submitting their bids.
- 2) Please go through the bid advertisement and the bid 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 -

IFB Page 7 of 9

- including the names and content of each of the document that need to be submitted. Any deviations from these may lead to rejection of the bid.
- 3) Bidder, in advance, should get ready the bid documents to be uploaded as indicated in the bid document / schedule and generally, they can be in PDF / XLS / RAR / DWF/JPG formats. Bid documents may be scanned with 100 dpi 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 uploaded 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.

SUBMISSION OF BIDS

- 1) 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.
- 2) The bidder has to digitally sign and upload the required bid documents one by one as indicated in the bid document.
- 3) Bid processing fee by e-bidding portal is NIL.
- 4) The Bidder shall upload the scanned copy of the Bid Securing Declaration as per format as provided in Section 4: Bidding Forms OR Details of MSEs /Startup Business certificate as per clause 34.1 of BDS on e-Bidding portal of NIC as per the details given in Clause 1.2 (I) of IFB.
- 5) 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 financial bid has been given as a standard BOQ format with the bid 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 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 file name. If the BOQ file is found to be modified by the bidder, the bid shall be rejected.
- 6) The server time (which is displayed on the bidders' dashboard) 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.
- 7) All the documents being uploaded 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 subjected to asymmetric encryption using buyers/bid openers public keys. Overall, the uploaded bid documents become readable only after the bid opening by the authorized bid openers.

IFB Page 8 of 9

- 8) 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 other relevant details.
- 9) 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.

ASSISTANCE TO BIDDERS

Any queries relating to the bid document and the terms and conditions contained therein should be addressed to the Bid Inviting Authority for a bid or the relevant contact person indicated in the bid.

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.

For any Technical queries related to Operation of the Central Public Procurement Portal Contact at:

Tel: The 24 x 7 Telephonic Help Desk Number 0120-4200462, 0120-4001002, 0120-4001005, 0120-6277787.

E-Mail: cppp-nic[at]nic[dot]in, support-eproc[at]nic[dot]in

IFB Page $\mathbf{9}$ of $\mathbf{9}$