



Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey (LSTK) basis and Comprehensive AMC (CAMC) for 5 years.



NMDC LIMITED
(A Government of India Enterprise)

'Khanij Bhavan', 10-3-311/A, Castle Hills, Masab Tank, Hyderabad -500028

TENDER DOCUMENT

FOR

Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey (LSTK) basis and Comprehensive AMC (CAMC) for 5 years.

VOLUME –I of III (TECHNO-COMMERCIAL)

**OPEN Tender Enquiry (OTE) - for Domestic Bidding
- in E-tender mode**

Tender Enquiry No: HO (Contracts)/ Roof Top Solar/Kirandul/2019/214 dated 27/07/2020



Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey (LSTK) basis and Comprehensive AMC(CAMC) for 5 years.

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CHECK LIST

Bidder shall ensure that all the documents given below are submitted with the offer:

*(For submission of bid, follow instructions as per '**Important Instructions for E-procurement**' given in this tender document. All the offer documents / details are to be uploaded / furnished in e-platform as per relevant instructions. Apart from this, Originals of Part-I documents of bid should reach the tender receiving authority of NMDC well before the due date & time of bid submission as indicated in Schedule of Tender (SOT). Further, during the course of bid evaluation, NMDC may seek clarifications/documents including originals/ hard copies of documents etc., if required and bidder shall furnish the same upon intimation from NMDC, or else the offer will be evaluated based on the available information / documents.):*

Sl.No	Document	Yes/ No
A.	Part I of Tender:	
1.	Earnest Money Deposit as specified in NIT /SOT	
2.	Tender Fee as specified in NIT / SOT.	
*	<u>OR in lieu of Sl. 2 above for PSUs - PSU bidders seeking exemption towards Tender Fee (bidding fee/cost of bidding) shall submit copy of their relevant registration certificate under which exemption is sought, in part I of the offer.</u>	
B.	Part II of Tender:	
1.	Checklist for submission of bid <i>(as per the proforma of 'Check List' given in tender document)</i>	
2.	Letter of undertaking as per Annexure -1	
3.	Integrity Pact (IP)	
4.	Information about the tenderer as per Annexure-3: <i>[This shall be furnished in the prescribed pro-forma as per Annexure – 3, along with the relevant documents in support of the information provided. This includes the following:]</i>	
a.	Copies of original documents defining Constitution or Legal Status, place of registration, Principal place of business and Lines of business of the bidder. <i>- Copies of Certificate of Incorporation / Articles of Association /Partnership Deed etc., as applicable to be enclosed.</i>	
b.	Power of Attorney of the signatory to the bid.	
c.	Qualification and experience of key personnel proposed for administration and execution of the contract.	
d.	Account details of the tenderer for facilitating e-payment <i>(on tenderer's letter head duly signed & stamped by the tenderer)</i>	
e.	Photocopy of Permanent Account Number (PAN) issued by Income tax department.	
f.	Copy of GST (Goods and Service Tax Identification Number-GSTIN) Registration Certificate	
g.	Copy of PF registration certificate or an undertaking as per Annexure-11	
h.	Declaration of relationship, if any with Owner's employees / Director(s)	
5.	Details of works done as per the pre-qualification requirements as per Annexure-4	
6.	Details of turnover during the last three financial years along with Audited profit and loss account and Balance Sheet for the last three financial years ending 31 st March of FY 2018-19 (i.e. 2016-17, 2017-18 and 2018-19).	
7.	Original Solvency certificate as per PQC stipulations	
8.	Supporting documents to demonstrate no default by the bidder as per PQC stipulations	
9.	Details of other similar works done <i>(other than those mentioned by the bidder under pre-qualification details)</i> during the past seven years as per Annexure-5	



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10.	Details of works in hand at present as per Annexure-6	
11.	Overall Description of the proposed method for carrying out the proposed work and Proposed Quality Assurance Programme of the bidder.	
12.	Time schedule Bar chart /network proposed for completion of work within the time specified in NIT	
13.	Organization set up for the project at site as per Annexure-8	
14.	List of Equipment, Tools etc. proposed to be mobilized by the bidder	
15.	Declaration by the bidder on their letter head that the firm is not blacklisted by any PSU/Govt Body	
16.	letter by the bidder in letter head authorizing NMDC to seek references from bidder's bankers	
17.	Amendments/Corrigenda/addenda etc. for the Tender / Interpretations/ clarifications on this tender document, if any, issued by the Owner duly signed & stamped by the bidder	
18.	Dummy price bid without quoting the rate duly signed and stamped on all pages, <i>as per the format of price schedule given in tender document.</i> The format for submitting Dummy Price Schedule is enclosed as Annexure-13 to tender document.	
19.	Duly filled-in and signed& stamped Questionnaire -Technical – - [Ref. <i>Annexure-IV of enclosed Scope of work & Technical Specifications alongwith General Conditions for AMC also requiring that the bidder must be ready to take up AMC for 5 years</i>].	
20.	Undertaking by the bidder confirming to tender terms & conditions in totality. [The undertaking confirming to tender terms & conditions needs to be submitted by all bidders. Further, in case any deviations are proposed, the prescribed format of tender document may be referred].	
21.	Deviations, if any to the bid clauses as per Annexure-7 (or else, <i>NIL Deviation statement</i>)	
22.	Undertaking on tenderer's letter head for obtaining Labour License from concerned Labour Inspectorate, if required for taking-up the work.	
23.	Copy of Electrical License alongwith applicable undertaking(s)	
24.	Copy of Site Visit Certificate	
25.	Other information sought with bid as per Clause 10.0 and 18.0 of ITT / Technical details, catalogues and drawings etc. as referred in Vol-II (Scope of Work & Technical Specifications) of tender document for understanding of the owner.	
26.	Any other information the bidder desires to furnish in connection with this bid.	
	Part III	
1.	Price bid –Duly filled in as per the format of price schedule given in tender document (To be submitted as per 'Important Instructions for E-Procurement' given in this tender document).	

- Note:**
- 1). Scanned / pdf formats of relevant documents of Part-I & Part-II and Part-III (Price-bid as per the prescribed format) are to be uploaded in e-tender platform.
 - 2). Original documents of Part-I are to be submitted in a sealed envelope as per the details given in NIT.
 - 3). The hard copies of following documents relating to Part-II of bid may also be submitted in Part-I bid envelope along with other stipulated documents of Part-I, or else the same shall be submitted upon intimation from NMDC at a later stage within the time frame given by NMDC:
 - (a) Power of Attorney of the signatory of tender as per tender document stipulations;
 - (b) Original Solvency certificate as per PQ stipulations
 - (c) Original undertaking towards PF code as per Annexure-11, as applicable.
 - (d) Copy of GST (Goods and Service Tax) Registration Certificate.



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'Khanij Bhavan', 10-3-311/A, Castle Hills, Masab Tank, Hyderabad -500028
CIN-L13100AP1958GO1001674

E-Tender Notice (Open Tender Enquiry for Domestic Bidding)

CONTRACTS DEPARTMENT/ENGINEERING & PROJECTS DIVISION

Tender Enquiry No: HO (Contracts)/ Roof Top Solar/Kirandul/2019/214 Dated 27/07/2020.
[MSTC Ref. No.: NMDC/HO/24/20-21/ET/329]

NMDC invites bids in e-tender mode on MSTC website (NMDC's e-tender service provider): <http://www.mstcecommerce.com> for the work of *"Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey(LSTK) basis and Comprehensive AMC(CAMC) for 5 years."*

For viewing / downloading the schedule of e-bidding and the detailed NIT alongwith pre-qualification requirements and tender document, prospective bidders may visit MSTC web site link: <http://www.mstcecommerce.com/eprochome/nmdc/> and register on-line as 'New Vendor'. For further help, the 'Vendor Guide' given therein may be referred. Link to MSTC e-tender platform is also available through NMDC website www.nmdc.co.in. The tender documents can also be accessed from NMDC website: www.nmdc.co.in and CPP Portal <http://eprocure.gov.in>

Any corrigendum to the tender will be uploaded only in above mentioned websites. Prospective bidders should visit these websites from time to time to take note of corrigendum, if any.

For further clarification, GM(Contracts), NMDC Ltd., Hyderabad can be contacted on fax: **040 23534746**,
Tel: **040- 2353 2800**, email: contracts@nmdc.co.in

General Manager (Contracts)



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DETAILS OF TENDER ENQUIRY

Tender Enquiry No: HO (Contracts)/ Roof Top Solar/Kirandul/2019/214 Dated **27/07/2020**

Name of Work: *“Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey(LSTK) basis and Comprehensive AMC(CAMC) for 5 years.”*

Estimated Cost	EMD Value in Rs.	Cost of e-bidding (Bidding Fee) in Rs.	Date of starting of e-tender for submission on-line	Last Date of closing of online e-tender for submission of bid.	Date and Time of opening of Techno-commercial bid.
Rs.133 Lakhs	Rs. 1,33,000/- (Rupees One Lakh Thirty-Three Thousand only)	Rs. 8,850 /- (including GST)	21/08/2020 10.30 AM	31/08/2020 03.00 PM	31/08/2020 03.30 PM



Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey (LSTK) basis and Comprehensive AMC(CAMC) for 5 years.

SCHEDULE OF TENDER (SOT)

E-tender under three-bid system Part I – EMD and Tender Fee (cost of bidding/bidding fee); Part II – Techno Commercial Bid including pre-qualification details, dummy price set, Letter of Undertaking (LOU- in Company’s letter head of the bidder) and Integrity Pact (IP) and Part III - Price Bid, are invited from experienced, eligible and qualified bidders who fulfill the Pre-Qualifying criteria for the work of “Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey(LSTK) basis and Comprehensive AMC(CAMC) for 5 years”. The prospective bidder should be a company / firm / establishment meeting the prescribed qualification criteria on its own. Bids from Individuals / Consortium/ Associate are not applicable.

1. TENDER NO.	HO (Contracts)/ Roof Top Solar/Kirandul/2019/214	
2. MSTC Ref NO.	NMDC/HO/24/20-21/ET/329	
3. Name of Work	<i>“Design, Manufacture, Supply, Installation, Testing and Commissioning of 4 sets of 25 kWp Grid Interactive Roof Top Solar Power Plant, one each for Kailash Nagar Barrack, Camp Office-Dep.11C, Time Office-Dep.11 B & Service Centre-Dep.14, at Bailadila Iron Ore Mine (BIOM), Kirandul Complex on Lump Sum Turnkey(LSTK) basis and Comprehensive AMC(CAMC) for 5 years”.</i>	
4. MODE OF TENDER	Open Tender e-Procurement System 1) http://www.mstcecommerce.com/eprochome/nmdc/ 2) www.nmdc.co.in under e –procurement section	
5. Contact Persons at NMDC:		
S. Chakraborty, General Manager (Contracts) Email: schakraborty@nmdc.co.in Landline No: +91 40 2353 2800	I. Soma Sekhara Rao, Joint GM(Elec) Contracts Email: somasekhari@nmdc.co.in Mobile No.: +91 94907 59634	B.K. Tewari, AGM (E)Contracts Email: bimaltewari@nmdc.co.in Mobile No.: +91 94907 59637
6. Date of availability of NIT for parties to download	27. 07.2020 from 11:30 Hrs	
7. Offline Pre-bid meeting date and time	13.08.2020 , 11:00 Hrs. at NMDC, HO, Hyderabad	
8. Tender Fee	<ul style="list-style-type: none">• Bidders shall submit non-refundable tender fee of Rs. 8,850/- (including GST) in the form of demand draft in favor of NMDC Limited payable at Hyderabad. Scanned copy of DD shall be uploaded while submitting bid online in tender fee module.• The bidder may also submit the stipulated Tender Fee by using any UPI App (Scan & Pay) at UPI ID: nmdcheadoffice@sbi. Merchant name: NMDC Limited. The	



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	<p>QR Code to be scanned for payment is as per Annexure-A to Instructions to Tenderers (ITT) of the tender document.</p> <ul style="list-style-type: none">• The bidder may also submit the stipulated Tender Fee through Online / NEFT mode as per following details: Beneficiary Name: NMDC Limited, A/C No.: 52057027191, Bank: State Bank of India, Branch Name: NMDC Branch, Masab Tank, Hyderabad, IFS Code: SBIN0020728.• The bidder has to upload the scanned copy of DD/ Payment Confirmation Receipt for “Tender Fee” during submission of bid on line.• The bidder has to send the original Demand Draft towards “Tender Fee” drawn in favour of NMDC Limited / Payment Confirmation Receipt, along with EMD in a sealed cover indicating “Tender Fee’, tender no. and date on top of cover along with other pertinent documents of Part-I of offer, directly to GM (Contracts), NMDC Limited, 4th Floor, Castle Hills, Masab Tank, Hyderabad – 500028 so as to reach before bid closing date and time.• In case the above referred original DD / Payment Confirmation Receipt towards tender fee does not reach NMDC well within the stipulated closing date for tender submission and time, such offers (i.e. offers received without Tender Fee) will be liable for rejection.• PSU Bidders seeking exemption towards Tender Fee (bidding fee / Cost of Bidding) as per provisions of tender document, shall submit copy of their relevant registration certificate, along with other pertinent documents of Part-I of offer well in advance so as to reach GM (Contracts), NMDC Limited, 4th Floor, Castle Hills, Masab Tank, Hyderabad – 500028 before the bid closing date and time as per NIT. <p>Scanned copy of above cited relevant documents in lieu of Tender Fee shall be uploaded while submitting bid online in tender fee module.</p> <p><u>NMDC’s decision with regard to acceptability of claim of a party for the specified exemption(s) shall be final and binding. Bidders to refer relevant clauses of NIT for details and necessary action.</u></p>
9. Earnest Money Deposit	<ul style="list-style-type: none">• The intending bidders should submit earnest money of Rs. 1,33,000/- (Rupees One Lakh Thirty-Three Thousand only) in the form of Bank Guarantee / Demand Draft in favour of NMDC Limited Payable at Hyderabad as per NIT stipulations. Without EMD, the tender will be rejected.



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	<ul style="list-style-type: none">• The bidder has to furnish the BG / DD Number, Date of Issue, Expiry Date, Amount and Name of Issuing Bank, while submitting the tender on line. Also, the bidder has to upload the scanned copy of BG / DD for “EMD” during submission of bid on line.• The bidder may also submit the stipulated EMD by using any UPI App (Scan & Pay) at UPI ID: nmdcheadoffice@sbi. Merchant name: NMDC Limited. The QR Code to be scanned for payment is as per Annexure-A of Instructions to Tenderers (ITT) of tender document.• The bidder may also submit the stipulated EMD through Online / NEFT mode as per following details: Beneficiary Name: NMDC Limited, A/C No.: 52057027191, Bank: State Bank of India, Branch Name: NMDC Branch, Masab Tank, Hyderabad, IFS Code: SBIN0020728.• The bidder has to upload the scanned copy of BG / DD/ Payment Confirmation Receipt for “EMD” during submission of bid on line.• The bidder has to send the original Bank Guarantee / Demand Draft / Payment Confirmation Receipt against “EMD” drawn in favour of NMDC Limited, in a sealed cover indicating ‘EMD’, tender no. and date on top of cover along with other pertinent documents of Part-I of offer, directly to GM (Contracts), NMDC Limited, 4th Floor, Castle Hills, Masab Tank, Hyderabad – 500028 so as to reach before bid closing date and time.• In case the above referred original BG / DD / Payment Confirmation Receipt towards EMD does not reach NMDC well within the stipulated closing date for tender submission and time, such offers (i.e. offers received without EMD) will be liable for rejection.
10. Integrity Pact	Applicable. <i>[Please refer relevant provisions of tender document]</i>
11. Date of Starting of e-Tender for submission of on line Techno- Commercial Bid and Price Bid	21.08.2020 10:30 AM At http://www.mstcecommerce.com/eprochome/nmdc/
12. Date of closing of online e-tender for submission of Techno-Commercial Bid & Price Bid.	31.08.2020 03.00 PM



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<p>13. Date & time of opening of Part-I & II) [i.e. Part-I- (Tender fee and EMD) and Part-II- (Techno-Commercial Bid)]</p> <p>Part-III Price Bid: Date of opening of Part III i.e. price bid shall be informed separately</p>	<p>31.08.2020 3:30 PM</p> <p>Part-I - The bidder has to upload scanned copies and also submit hard copies of the following documents, as per the manner and in the form specified in tender document:</p> <ol style="list-style-type: none">1.0. EMD2.0. Tender Fee* /2.1 Relevant registration certificate by PSU bidders, in lieu of Tender Fee (If applicable)* <p>Part-II -The bidder has to upload the scanned copies of all the documents of Part-II, as per the manner and in the form specified in tender document (including Letter of Undertaking and Integrity Pact also).</p> <p><i>[Note: Besides the above as indicated in tender document, bidders may be required to submit certain specified documents relating to Part-II in hard copies also. Such specified documents may be submitted either along with Part-I envelope documents or else upon intimation from NMDC at a later stage within the time frame given by NMDC. Relevant instructions given in the tender document may be referred in this regard.]</i></p> <p>Part-III- Price-bid is to be submitted only through on-line mode in MSTC's e-tender platform as per the prescribed format and manner specified in tender document.</p> <p>Price bid opening to be communicated separately to qualified bidders.</p>
<p>14. Validity of offer</p>	<p>180 days from the date of opening the tenders.</p>