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THE ORISSA MINERALS DEVELOPMENT COMPANY LIMITED
(A Govt. of India Enterprise)

P.O. Thakurani, Via-Barbil-758035. Dist.-Keonjhar (Orissa)
Telephone No.: 06767-275530, 275058, 276131
Head Office:Ground Floor-271, BidyutMarg, Unit-IV, ShastriNagar,
Bhubaneswar-1 (Odisha)

TENDER DOCUMENTS

FOR

Supply, Design, Installation, Testing & Commissioning
of On-Grid Connected 20 KVA Solar Power Plant at
Guest House (D.B), Barbil.

TENDER NOTICE NO.: - OMDC/Elect./T/2026-27/002, DATED: 29/04/2026.

Name of Tenderer.....

Address of Tenderer.....

.....

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CHAPTER-I
Notice Inviting Tender

TENDER NOTICE NO.: - OMDC/Elect./T/2026-27/002, DATED: 29/04/2026.

1. Sealed tenders are invited from reputed and experienced contractors / agencies for the work of **Design, Supply, Installation, Testing and Commissioning of 20 KVA On-Grid Connected Solar Power Plant, installation at Guest House (D.B), Barbil of OMDC.**, in Government or PSU or reputed private organizations.

The details of tender are as follows:

Sl.No.	Description	Details
1	Name of Work	Installation of 20 KVA Solar Power Plant
2	Estimated Cost	₹13,05,600.00 (Approx.)
3	Earnest Money Deposit	₹26,112.00
4	Cost of Tender Document	₹590.00 by person & ₹708.00 by post
5	Completion Period	45 Days
6	Tender Submission Mode	Offline or by post
7	Last Date of Submission	14/05/2026, Time: 4.00 PM
8	Date of Opening	14/05/2026, Time: 4.30 PM

2. In case of downloaded tender, the bidder has to submit an undertaking on the company's letter head that, no amendments have been made in the tender document downloaded from co's website. Cost of Tender Document is **₹590.00 by person & ₹708.00 by post.**
3. The tender shall be opened in the presence of the tenderer or their authorized representatives **at 4.30 pm on dated 14.05.2026** in the office of the Manager (Electrical)-HOD, At/Po: Thakurani, Via- Barbil, Dist.-Keonjhar (Orissa). In this respect the decision of the company shall be final and binding on the contractor.

Note: (Bids received after 4.00 pm will be rejected).

4. The expected date of commencement of work shall be from the date of issuance of work order.
5. The interested agencies are advised to contact personally with the Manager (Elect.)-HOD, Thakurani to familiarize themselves with the nature of works.
6. The company reserves the right not to accept the lowest offer. The company also reserves the right to cancel the tender and in such an event no claim of any tenderer for such a decision by the company shall be retained.
7. The validity of the offer shall be for 30 days from the date of opening of the Tender.
8. Bidders are required to give an undertaking that they will abide by all the terms & conditions of the tender document as per format given in annexure-I.
9. All other terms and conditions are stipulated in the tender document / schedule.

Business Head

OMDC, LTD

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CHAPTER-II

1. SCOPE OF WORK:

The Scope of work shall cover the following:

The contractor shall carry out the job of Design & Engineering, Solar system design, Structural design, Layout preparation, Supply of Materials.

The contractor shall Supply the following equipment:

- a) Solar PV modules
- b) Grid tied inverter
- c) Mounting structures
- d) DC cables
- e) AC cables
- f) Distribution boards
- g) Earthing system
- h) Lightning arrestor
- i) Installation, Erection of mounting structures, Solar module installation
- j) Electrical wiring
- k) Inverter installation
- l) Testing & Commissioning

The contractor shall do the following performance of testing

- m) Grid synchronization
- n) Commissioning of plant
- o) Documentation
- p) drawings
- q) Warranty documents
- r) Test certificates

Technical Specification:

The following On-Grid Connected of Solar PV Power Plant (20 KVA / 20 kWp) are:

Sl.No.	Description	Details
1	Specification Type:	Mono PERC / Mono Crystalline
2	Rated Capacity	≥ 540 Wp per module
3	Efficiency & Cell Efficiency	Minimum 19% & ≥ 21%
4	Output Warranty	Minimum 80% after 25 years
5	Degradation	≤ 2% first year, ≤ 0.55% thereafter
6	Output Warranty	Minimum 80% after 25 years
7	Module Frame	Anodized aluminum
8	Junction Box	IP68 rated
9	ON-GRID CONNECTED SOLAR INVERTER TYPE: Capacity Efficiency MPPT Efficiency Protection Grid Compliance Operating Temperature Monitoring	String inverter / Grid tied inverter 20 kW ≥ 97% ≥ 99% Overload, short circuit, anti-islanding IEC 61727 -10°C to +55°C WiFi / GPRS monitoring system, Real-time data monitoring.
10	MODULE MOUNTING STRUCTURE (MMS) Material Galvanization Wind Resistance Tilt Angle Structure Life	Hot Dip Galvanized Iron Minimum 80 micron 180 km/hr 20°-25° 25 years
11	DC CABLES Parameter: Type Standard Size Insulation	Copper, UV resistant TUV / IEC certified 6 sq.mm XLPE
12	AC CABLES Parameter: Type Standard Size Voltage Rating	Aluminium / Copper armoured IS 1554 6 sq.mm 1.1 kV
13	DC DISTRIBUTION BOARD (DCDB) shall contain: Standard	DC isolator, Fuse protection, Surge protection device (SPD). IP65 enclosure, IEC compliant
14	AC DISTRIBUTION BOARD (ACDB) shall contain: EARTHING SYSTEM Module Earthing Inverter Earthing Lightning Arrestor Earthing Earthing Standard	MCCB, SPD, Energy meter & Isolator Minimum 3 earthing pits required. 01 No. 01 No. 01 No. As per IS 3043
16	LIGHTNING PROTECTION: Lightning arrester with early streamer emission type Height:	minimum 2 m above solar array
17	DATA Monitoring system shall provide: <i>Accessible through:</i>	Daily generation, Monthly generation, System performance ratio, Fault alerts <i>Web portal, Mobile app</i>
18	Safety requirement system shall include:	Surge protection, Over voltage protection, Reverse polarity protection and Anti-islanding protection

2. COMPLETION PERIOD:

The contractor shall complete the work within 45 days from the date of issue of LOI/Work order.

3. Warranty Period: Item Warranty is as follows:

Sl. No.	Description	Warranty Period
1	Solar Modules	25 years
2	Inverter	10 years
3	Structure	25 years

The warranty shall commence from the date of completion of commissioning at site.

4. EARNEST MONEY DEPOSIT (EMD):

Each Tender must be accompanied with the non interest bearing Earnest Money Deposit of Rs. 26,112.00 (Rupees Twenty-Six Thousand One Hundred & Twelve) only in shape of Bank Draft (DD)/Pay Order (PO)/Banker cheque (BC) drawn on any Scheduled/Nationalized Bank in favour of "The Orissa Minerals Development Co. Ltd." Payable at Barbil. Name of the remitter shall be mentioned in the DD/PO/BC. Tender without prescribed earnest money shall be liable for rejection. The Earnest Money of the successful bidder shall be converted into Security Deposit which bears no interest and shall be refunded within 60 (sixty) days from the date of completion of the job. Central Public Sector Enterprises (CPSEs) under Government of India, State PSUs, MSME & NSIC certificate holders are exempted from submission of EMD. In case the awarded bidder denies accepting the work order /Contract, their EMD shall be forfeited.

Note: Earnest money of the unqualified / unsuccessful bidder will be refunded after finalization of the tender which will be duly intimated within 30 days.

5. PAYMENT TERMS:

Bills in triplicate mentioning order no. and date shall be raised partly of work, which is mentioned below and after duly certified by the concerned engineers of Mines, who will forward the same to finance department for consideration of the payment. Payment will be released with the approval of Business Head (BH).

Payment will be made as follows:

Description of Job	Conditions
Design, Supply, Installation, Testing and Commissioning of 20 KVA Grid Connected Solar Power Plant, installation at Guest House (D.B), Barbil of OMDC.	i. 40% of Payment after Supply of materials ii. 40% of Payment after completion of Installation iii. 20% of Payment after completion of Commissioning work

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Payment will be made through RTGS on the basis of the rates quoted as per Price Bid. The agency will have to submit the details of Bank A/c, Branch, IFSC code, etc. for receiving the payment through RTGS.

N:B: The above amounts are exclusive of applicable GST. Applicable GST will be released after submission of documentary evidence towards payment of GST and return filing subject to confirmation in the GST portal. However the agencies are required to comply the provisions under GST Act & Rules as applicable.

6. Security Deposit:

Security Deposit @ 10% will be deducted from every running bill which will be refunded after 06 months of successful completion and commissioning of work.

7. ELIGIBILITY CRITERIA:

In order to qualify in the tender, the tenderer must produce the following documentary evidence.

- i) Earnest Money Deposit of Rs. 26,112.00 (Rupees Twenty-Six Thousand One Hundred & Twelve) only in shape of DD/Pay Order/Bank Guarantee from any Nationalized Bank except Co-operative and Gramin Bank(s) payable to "The Orissa Minerals Development Company Limited" at Barbil to be enclosed with the Technical Bid.
- ii) Submission of Proof of payment made to OMDC towards cost of tender Document of Rs.590/- (Rupees Five hundred Ninety only) by person or Rs. 708/- (Rupees Seven Hundred & Eighty only) by post, to be enclosed with the Technical Bid
- iii) Should possess and submit self attested copy of PAN card, & GST Registration No. etc.
- iv) The average annual financial turn-over during the last three years ending 31.03.2025 should be at least Rs. 3,92,000/- (Rupees Three Lakh Ninety-Two Thousand Only) as per the annual report (audited Balance Sheet and Profit & Loss account) of the relevant period, duly authenticated by a chartered Accountant / Cost Accountant in India.

Notes for Financial Criteria:

- v) In order to be qualified, a Bidder needs to fulfill the Financial Criteria as mentioned above.
- vi) For the purpose of this, stand alone financial statements shall be considered.
- vii) Documents to be submitted: For meeting the Financial Criteria, the following documents are to be submitted:
- viii) Copies of Audited stand alone financial statements for the 03 (three) Financial Years 2022-23, 2023-24 and 2024-25.

- ix) Certificate from Chartered Accountant certifying the turn over for the 03 (three) Financial Years 2022-23, 2023-24 and 2024-25.
- x) Turnover Certificate and audited Profit & Loss Account certified by a Chartered Accountant (CA) shall contain the Unique Document Identification Number (UDIN) and the membership number of the CA. On online verification, the UDIN must display the name of the Firm name / PAN no. of the bidder as applicable.
- xi) **Experience:** The bidder should have successfully completed: One similar work costing ₹8 lakh or two works costing ₹5 lakh each in the last 2 years and at least one work from any Government concern.
- xii) Supporting document towards Partnership firm or Limited Company, or proprietorship firm.
- xiii) An undertaking, in Agency's Letter Head that the bidder is not blacklisted/debarred by any PSU & OMDC at any point of time. (Attached in Annexure-I)
Note:-Submission of any forged document will attract legal action including the rejection of Tender or cancellation of contract at the risk and the cost of the agency, if awarded.
- xiv) All documents along with the tender shall be self-attested by the authorized signatory of the bidder with official seal.

8. PENALTY

If job execution shall not be completed within stipulated period i.e. 45 days from the date of issue of work order, penalty shall be imposed @ 0.5% per week or part thereof, subject to maximum of 10% of the order value on such portion of the contract.

In case the successful bidder fails to take up the work after issuance of LOI/Work Order/Agreement, OMDC may at its sole discretion, impose upon any or all of the following penalties-

- (a) Cancellation of LOI/Work Order/Agreement in part or full.
- (b) Forfeiture of Earnest Money / Security Deposit.
- (c) Recovery of extra cost incurred by the company for getting the work done through other sources which may be without notice.
- (d) Blacklisting of the Contractor.

9. OTHER TERMS AND CONDITIONS:

- 9.1 The agency has to arrange tools and implements of his own.
- 9.2 The agency shall inspect the site and satisfy himself before submitting the tender.
- 9.3 The amount of any loss or damage of the machinery due to mishandling/carelessness shall be deducted from his bill.
- 9.4 The agency shall be held responsible for any injury/accident caused to his personnel during the work.
- 9.5 The company shall not be liable for any delay in submission of the tender

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documents due to postal delay and no extension of date for tender submission/tender opening shall be given for this reason.

- 9.6 The rate quoted by the agency shall remain firm and fixed for the whole contract period and no escalation of rate will be made during the contract period.
- 9.7 Each page of the tender schedule must be signed by the tenderer before submission; otherwise the tender will be treated as invalid.

Business Head
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CHAPTER - III
GENERAL CONDITION

1. DEFFINATION:

- a) **Tenderer/Bidder:** Tenderer/Bidder means a person, Society, Firm, Or Company willing to participate by accepting terms and conditions given in the tender documents.
- b) **Tender:** Tender means the work to be perform according to the tender documents (both technical and commercial) submitted by the tenderer for consideration of OMDC.
- c) **Name of the Tender:** Name of the Tender means the work to be Performed by the tenderer.
- d) **Techno- commercial Bid:** Techno-commercial Bid means documents Regarding legibility condition as stipulated in the tender documents for qualifying the bidder for consideration of the Price Bid.
- e) **Scheduled Rate:** Scheduled Rate means the rate quoted by the Tenderer in the prescribed format for various activities to be performed by the contractor.
- f) **PriceBid:** Price Bid means the document containing the scheduled rate to be considered for the purpose of evaluation and award of contract.
- g) **Contractor:** Contractor means the person or society, firm, company whose tender has been accepted by the OMDC.



- h) **OMDC:** OMDC means "The Orissa Minerals Development Company Ltd." A company incorporated in India and having its Head office at Ground Floor-271, Bidyut Marg, Unit-IV, Shastri Nagar, Bhubaneswar-1 (Odisha).
- i) **Employer:** Employer means OMDC
- j) **Competent Authority:** Competent Authority means MD or any Designated officer by the MD.
- k) **Taxes:** Taxes means Income Tax, Surcharge, GST (Central and State), Educational Cess, Entry Tax, and any other Tax, Levy, Fees, Cess as imposed by the Government from Time to Time.

2. SUBMISSION OF TENDER:

The bidder shall submit the Tender in two cover system (i.e Cover-1: Technical Bid & Cover-2: Price Bid) and Cover-3: Both the Technical Bid and Price Bid shall be in one envelop.

Tenders can be submitted either by post, courier service or deposited in the Tender box in this office.

The company shall not be liable for any delay in submission of the tender documents due to postal/Courier or any other delay and no extension of date for tender submission/tender opening shall be given for this reason.

Tenders not received in prescribed form will be liable to be summarily rejected.

Conditional Bids not adhering to the Tendered terms and conditions are liable to be rejected.

Tenders will be received upto **4.00 P.M. on 14/05/2026** and will be opened on the same day at **4.30 P.M.** in the presence of bidders or their authorized representatives.

The bidders will be intimated about the date & time of the price bid opening in advance through Letter/Fax/Telephone/e-mail.

Bidders should indicate their Bank A/c details for making payments through RTGS/NEFT.

OMDC reserves the right to accept or reject any or all tenders or distributes the work amongst different bidders without assigning any reason thereof.

The tender document shall have to be signed by the bidder in each page and the terms & conditions must not be altered; failing which, the tender will be rejected.

Tender form containing 'overwritten' or 'erased' rate or rates and amount not shown in figures and words in English will be liable to rejection.

Any tender containing clerical or arithmetical mistakes may be rejected. Any request from the bidder in respect of additions, alterations, modifications etc of either terms or conditions or rates of his tender after opening of the tender may lead to rejection of his tender.

Note: The tender submitted by an agency, who has been debarred by any PSU, will not be eligible to participate in the tender.

3. (A) OPENING OF TENDER:

The Tender shall be opened on dated 14/05/2026 at 4.30 P.M in the office of the Manager (Elect.)-HOD, The Orissa Minerals Development Company Limited, At/P.O.- Thakurani near Barbil, Dist- Keonjhar (Orissa) in the presence of the tenderers or their accredited representatives.

(B) EVALUATION OF THE BIDS:

The tender shall be evaluated on the basis of submission of requisite documents as in support to qualify themselves or consideration of price bid. The Price Bid of Technically qualified bidders shall be evaluated and the lowest quoted (L1) party shall be awarded the work.

4. Award of Contract

- 4.1. The company reserves the right to accept or reject any or all tenders or distributes the work amongst different tenderers without assigning any reason thereof.
- 4.2. Award of contract shall be made at the absolute discretion of OMDC. The company reserves the right to reject any part or whole of the tender without assigning any reason whatsoever. For such cancellation the tenderer shall not be entitled to claim any cost, charges, expenses incidental to or incurred by him through or in connection with the preparation and submission without assigning any reason whatsoever.
- 4.3. OMDC also reserves the right not to accept the lowest offer and to divide the work to more than one party/parties.
- 4.4. OMDC shall not be liable for any delay in receipt of the tender document by the Tenderers due to postal delay and no extension of time to the date of tender opening shall be given for this reason.

6. **INCOME TAX:** It shall be deducted at the prescribed rate as per the income tax act from the gross value of his bill. The agency has to submit the copy of the Income tax Pan Card.

7. **EXIT CLAUSE:**
Both the parties have the right to exit from this contract/agreement by serving ONE MONTH notice in writing.

8. **ARBITRATION:**
Any dispute or difference under or arising out of or in respect of the Agreement/Accepted Contract may be referred to the sole Arbitration of a person appointed by the Chairman cum Managing Director, The Orissa Minerals Development Company Limited, Ground Floor- 271, Bidyut Marg, Unit-IV, Shastri Nagar, Bhubaneswar- 1 (Odisha) and his decision in the matter will be final and binding on the contractor and the company. The arbitration shall be carried out as per Arbitration Act.1996 and Rules made there under as amended from time to time.

Note: The Court of Keonjhar & High Court at Cuttack will have the jurisdiction to address any unsettled dispute.

Business Head
OMDC, LTD.

UNDERTAKINGANNEXURE-I

The Business Head
The Orissa Minerals Development Co. Ltd.
At/P.O.Thakurani
Via: Barbil, 758035
Dist. Keonjhar
Orissa.

TENDER NOTICE NO.- OMDC/Elect./T/2026-27/002, DATED: 29/04/2026.

Sub: Design, Supply, Installation, Testing and Commissioning of 20 KVA Grid Connected Solar Power Plant, installation at Guest House (D.B), Barbil of OMDC.

Dear Sir,

In response to the tender invited by you, I/we examined the general conditions and other terms and conditions of the contract. I/we agree to abide by all instructions in these documents attached hereto and hereby bind myself/ourselves to execute the work as per schedule stipulated in the Tender Notice.

I/we further agree to sign and execute all agreements/bonds as may be required by OMDC to abide by the general conditions and other conditions of the contract and to carry out all work as per specifications failing which, I/we shall have no objection for the any deductions from the Running Account bill due with the company.

I/We also undertake that I/we have not been blacklisted by any PSU or debarred by OMDC at anytime.

Yoursfaithfully,

Signature of the Tenderer
With seal and date

Encl: List of documents.

- i) Tender Schedule
- ii) Price Bid

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PRICEBID

TENDER NOTICE NO.- OMDC/Elect./T/2026-27/002, DATED: 29/04/2026.

**SUB: Design, Supply, Installation, Testing and Commissioning of 20 KVA
Grid Connected Solar Power Plant, installation at Guest House
(D.B), Barbil of OMDC.**

Sl. No.	Description of Job	Total (InRs.) Excluding GST
1	Design, Supply, Installation, Testing and Commissioning of 20 KVA/20 KWp On-Grid Connected Solar Power Plant, installation at Guest House (D.B), Barbil of OMDC.	
	Total	
Inwards:		

- 1 GST and other taxes if any, shall be reimbursed extra at actual at applicable rate, subject to submission of document and proof of GST payment.
- 2 In case there is any discrepancy between figure and word then the amount quoted in word will be considered for evaluation.

I/we confirm that, the above-mentioned rate for the work as prescribed above shall be kept firm during the tenure of the tender.

Signature of the Tenderer
With seal and date