



OFFICE OF THE ROURKELA MUNICIPAL CORPORATION

UDITNAGAR, ROURKELA, ODISHA-769012

E-mail ID: rourkelamunicipality@gmail.com

RFP No. 6181

Date: 14.05.2026

RFP for SITC of EV Charging Plaza Including EV Chargers, Electrical, Civil, Solar and Allied System work along with Comprehensive Operation & Maintenance (O&M) for a Period of 5 Years at Rourkela Municipal Corporation (RMC)

Rourkela Municipal Corporation (RMC) invites Request for Proposal (RFP) from intending Agency/ Company/ Firm for **"SITC of EV Charging Plaza Including EV Chargers, Electrical, Civil, Solar and Allied System work along with Comprehensive Operation & Maintenance (O&M) for a Period of 5 Years at Rourkela Municipal Corporation (RMC)"**.

For detail technical specifications along with Terms & Conditions etc. may be seen from the Website of www.tendersorissa.gov.in

RMC reserves the right to reject any or all the RFP without assigning any reason thereof.

**Sd/-
Commissioner
Rourkela Municipal Corporation
Date: 14.05.2026**

Memo No. 6182

Copy to Notice Board of RMC for wide publicity of advertisement through office notice board and MIS, RMC for uploading of the tender document in the RMC website.

**Sd/-
Commissioner
Rourkela Municipal Corporation
Date: 14.05.2026**

Memo No. 6183

Copy to Director, I&PR Dept., Govt. of Odisha, Bhubaneswar for information and requested to publish the copy of above mentioned notice in One highly circulated Odia daily newspaper & One highly circulated English Daily newspaper on **15.05.2026**. The font size should be 8 Points and rate should be as per I&PR.

**Sd/-
Commissioner
Rourkela Municipal Corporation**



Rourkela Municipal Corporation

Request for Proposal

for

SITC of EV Charging Plaza Including EV Chargers, Electrical, Civil, Solar and Allied System work along with Comprehensive Operation & Maintenance (O&M) for a Period of 5 Years at Rourkela Municipal Corporation (RMC)

RFP No. 6181

Date: 14.05.2026

MC/RMC/42/2026

**Office of the Commissioner
Rourkela Municipal Corporation
Udit Nagar, Rourkela
Dist. - Sunadrgarh (Odisha)
Pin-769012**

Website: www.rmc.nic.in

Email Id: rourkelamunicipality@gmail.com

INVITATION FOR BID (IFB)

Rourkela Municipal Corporation, Rourkela invites sealed Bids for “**SITC of EV Charging Plaza Including EV Chargers, Electrical, Civil, Solar and Allied System work along with Comprehensive Operation & Maintenance (O&M) for a Period of 5 Years at Rourkela Municipal Corporation (RMC)**”.

Bidding Schedule:

SL.NO	INFORMATION/SUBJECT	DETAIL
01	NAME OF WORK	SITC of EV Charging Plaza Including EV Chargers, Electrical, Civil, Solar and Allied System work along with Comprehensive Operation & Maintenance (O&M) for a Period of 5 Years at Rourkela Municipal Corporation (RMC)
02	DATE OF PUBLICATION OF BID	14.05.2026
03	TENDER PAPER COST	11,800/- (to be deposited online)
04	EARNEST MONEY TO BE DEPOSITED	2,00,000/- (to be deposited online)
04	LAST DATE AND TIME FOR BID SUBMISSION	01.06.2026, 05.00 PM
06	DATE AND TIME FOR BID OPENING	02.06.2026, 09.00 AM
07	DATE OF FINANCIAL BID OPENING	To be Intimated
08	NAME AND OFFICE FOR INVITING TENDER	Commissioner, RMC
09	HELPLINE NO AND EMAIL ADDRESS	rourkelamunicipality@gmail.com

1. Bidder may download the Bidding Document from the RMC website www.rmc.nic.in/ www.tendersorissa.gov.in and submit its Bid by utilizing the downloaded document, along with the required non-refundable fee towards Tender paper cost of Rs.11,800/- (Including of GST) through online. The bidder has to submit all the documents through online mode.
2. In the event of any of the above-mentioned dates being declared as a holiday / closed day the Bids will be received/ opened on the next working day at the appointed time.
3. For Queries and Clarifications, send email to: rourkelamunicipality@gmail.com only.
4. The Authority of RMC reserves the right, without any obligation or liability, to accept or reject any or all proposals at any stage of the process or to cancel or modify the process without assigning any reason whatsoever. Any changes in the tender document, addendum and corrigendum or schedule of the tender shall be reflected in the website of RMC (www.tendersorissa.gov.in www.rmc.nic.in/) . No extension of any deadline will be granted on the basis of grounds that RMC have not responded to any question or not provided any clarification.

Sd/-
Commissioner
Rourkela Municipal Corporation

1. Introduction & Project Overview

Rourkela Municipal Corporation invites proposals from eligible and experienced firms for the Supply, Installation, Testing & Commissioning (SITC) of an EV Charging Station at Rourkela, Odisha. The project encompasses complete EV charging infrastructure including DC fast chargers for four-wheelers, AC chargers for two-wheelers, allied electrical systems, civil work, and software integration

The project is to be executed as per the technical specifications, safety standards, and compliance requirements outlined in this RFP.

2. Scope of Work

The selected firm shall carry out the following activities as per the Detailed Project Report (DPR):

- Site layout planning and survey
- Electrical system design including Single Line Diagram (SLD)
- Charger selection, procurement, and specifications as per given configuration
- Civil foundation and mounting structure (RCC base, cable trench / piping provision)
- Optional Canopy Structure (MS / GI) and signage & safety markings
- Supply, Installation & Commissioning (SITC) of all equipment
- Earthing system (minimum 2–3 pits) as per IS standards
- Installation of Main LT Panel, MCCB / ACB Protection, Surge Protection Device (SPD), Isolators and Distribution Board
- System flow implementation: Grid Supply → LT Panel → Energy Meter → Protection Devices (MCCB/ACB) → DC Chargers & AC Chargers
- Integration of OCPP-based backend, UPI-based payment gateway (Scan & Pay), Remote Monitoring System and Energy Usage Tracking
- Testing, commissioning, and handover with complete documentation

3. Eligibility Criteria

This online tender is open to specialized firms / OEMs / Service Partners who meet the following eligibility conditions.

Joint Ventures (JVs) are NOT accepted under this tender.

3.1 General Eligibility Criteria

- The bidder must have a valid Odisha GST Registration
- The bidder has a registered office at Odisha and Operational Presence within the state.
- The bidder must have a minimum of ten (10) years of experience in the solar power sector as on the last date of submission of the tender.

3.2 Prior Experience

The bidder must have successfully completed similar works during the last Five (5) years ending on the last day of the month previous to the one in which tenders are invited

- The bidder must have successfully completed Solar Power Plant of cumulative capacity not less than 1 MW, and at least one (1) Solar Power Plant of minimum 150 kW capacity at a single location, within the last five (5) years ending on the last day of the month preceding the month in which the tender is invited.

Or,

- The bidder must have successfully completed one Solar EV Project within the last Five (5) years ending on the last day of the month previous to the one in which tenders are invited.
- The bidder must have technical team and submit the technical team details.
- The bidder must have empanelled Certificate in Odisha Renewable Energy Development Agency (OREDA) and Empanelled Certificate.

Note: Supporting documents such as work completion certificates / client certificates / photographs evidencing the above experience must be submitted along with the bid. Failure to demonstrate any one of the above three criteria will lead to outright disqualification of the bid.

3.3 Eligibility Criteria

The bidder must satisfy the following financial requirements demonstrating the capability to execute the project:

S.No.	Financial Criteria	Minimum Requirement
1	Annual Turnover	Average annual financial turnover on EV Charging / Solar works during the last three (3) financial years shall not be less than Rs. 30,00,000/-
2	Solvency Certificate	Solvency Certificate from a Scheduled Commercial Bank of not less than Rs. 25,00,000/-
3	The bidder shall not be under any declaration of ineligibility or blacklisting by any Central / State Government agency or PSU	Affidavit on Non-Judicial Stamp of value 100 INR to be submitted.
	Certificate of Incorporation / Firm Registration	Self-certified copy to be attached
	GST Registration Certificate	Self-certified copy to be attached
	PAN Card of the firm	Self-certified copy to be attached
	Work completion certificates / Performance Certificates for similar works (duly signed by the issuing authority, showing scope, value, and date of completion)	Self-certified copy to be attached
	List of key technical personnel with qualifications and experience	Self-certified copy to be attached
	BIS / OCPP certification or make-sheet of proposed EV charger models	Self-certified copy to be attached
5	Must have a minimum average turnover of 50 lakh in the last 3 years i.e. FY 2022-23, 2023-24, 2024-25	Copy of the Audit Report from authorized CA to be submitted
6	EMD Rs. 2,00,000/-	To be paid through Online
7	Tender Paper Cost Rs. 11,800/-	To be paid through Online

4. Charger Configuration Required

4.1 Four-Wheeler DC Fast Chargers

Parameter	Specification
Quantity	2 Units
Type	DC Fast Charger - Dual Output 30+30 KW (60KW) Dynamic Load Balancing
Capacity per Unit	60 KW Max.
Output Guns per Charger	2 (CCS2 Connector)
Output Voltage	200-1000 VDC
DC Output Current	125A
Input Supply	415VAC ±10%, 3-Phase, 50/60 Hz
Power Factor	0.99 at Nominal Voltage
Current THD	≤5% of Nominal Voltage
Efficiency	<95% at Full Load
Communication Protocol	OCPP 1.6-J
Display	7" inch TFT LCD Touch Panel
Support Language	English
Push Button	1 Emergency Stop Button
Charge Options	Grid Responsive Metering
User Authentication	RFID Card / OTP / UPI Base QR Code
Network Interface	Ethernet 3G, 4G/WLAN
Protection	Over Voltage, Under Voltage, Over Current, Short Circuit, Residual Current
Ingress Protection	IP 54
Cooling	Air Forced / Natural Cooled
Charging Cable Length	5 Metre
Dimensions (HxWxD)	1750 × 400 × 750 mm
Operating Temperature	Operating from 0°C to +50°C; Derating from +50°C to +60°C
Storage Temperature	-20°C to +80°C
Humidity	<95%, non-condensing
Altitude	2000m
Total Cars Charging Simultaneously	4 Vehicles (2 guns per charger × 2 chargers)

4.2 Two-Wheeler AC Chargers

Parameter	Specification
Quantity	2 Units
Type	AC Charger
Capacity per Unit	3.3 kW Each
Output Voltage	230V AC
Connector / Socket	Bharat AC001 / 15A Single Socket
User Authentication	UPI-Based Scan & Pay
Protection	MCB + Earth Leakage
Total 2W Charging Points	4-6 (as per socket provision)

5. Electrical Load Summary

Load Component	Qty	Load
2 × 60 kW DC Fast Chargers	2	120 kW
2 × 3.3 kW AC Two-Wheeler Chargers	2	6.6 kW
Auxiliary Load (Lighting, System, Losses)	–	~10 kW
Total Connected Load	–	≈ 140 kW
Recommended Sanction Load	–	150 kW

6. Layout Planning

6.1 Parking Requirement

- 4 Car Parking Slots (for dual gun usage)
- 2 Two-Wheeler Parking Slots

6.2 Space Requirement

- Car Parking: ~2.5m × 5m per slot
- 2W Parking: ~1m × 2m per slot
- Charger Area + Panel + Movement Space

Total Approximate Area Required: 1500 – 1800 sq.ft.

6.3 Design Considerations

- Easy vehicle movement
- Safe spacing between chargers
- Weather protection – optional canopy
- Proper cable routing

7. Single Line Diagram (SLD)

System Flow

Grid Supply → LT Panel → Energy Meter → Protection Devices (MCCB/ACB) → DC Chargers & AC Chargers

Key Components

- Main LT Panel
- MCCB / ACB Protection
- Earthing System (Minimum 2–3 pits)
- Surge Protection Device (SPD)
- Isolators & Distribution Board

8. GA Drawing & Structure

- Charger Mounting: Floor Mounted / Pedestal Type
- Foundation: RCC Base (as per weight)
- Cable Trench / Piping Provision
- Optional: Canopy Structure (MS / GI)
- Signage & Safety Markings

9. Safety & Compliance Requirements

- Earthing as per IS standards
- Fire extinguisher provision at site
- Proper insulation management
- Lightning & surge protection
- BIS / IEC compliance for all equipment

10. Networking & Software

- OCPP-based backend for charger management
- UPI-Based Scan & Pay for cashless transactions
- Remote Monitoring System
- Energy Usage Tracking

11. Installation Timeline

Activity	Duration
Design & Approval	2-3 Weeks
Material Supply	4-5 Weeks
Installation	7-8 Weeks
Total Project Time	16weeks (4 Months)

12. Operation & Maintenance

- Remote diagnostics capability
- Annual Maintenance Support
- Spare parts availability
- Software updates provision

13. General Conditions

- The tender is open only to firms with direct experience; Joint Ventures are not permitted.
- All values of past works shall be escalated to current levels at 7% per annum simple rate from the date of completion to the previous day of the bid submission deadline.
- The issuing authority reserves the right to accept or reject any or all bids without assigning any reason.
- Bids must be submitted through the designated online tender portal before the stipulated deadline.
- Canvassing in any form will result in disqualification.
- All work must comply with BIS/IEC standards and applicable Indian Electricity Rules.
- The project must be completed within 70–90 working days from the date of issuance of Work Order.

14. Make List

- PV Module: Waaree/ Adani/ Renewsys/ Tata/ Premier
- Inverter: Sungrow/Growatt/ Powerone/Solis/ Waaree
- EV Charging: Any make with ARAI Certification

15. Payment: RMC will pay the Installation and O&M for the EV Charging Station as per the below Schedule of Payment as per the contract value finalized and subsequent contract agreement with the successful bidder

A. During Project Construction Period (CAPEX) 80% of the contract cost as per the following

Sl. No	Payment stages and milestones	Payment in % of Project Cost /CAPEX
1	After supply of all the equipment's at site	30%
2	After Installation of all the equipment's at site	30%
3	After commissioning of EV Charging Station and successful running of EV Charging Station for 01 week	40%

B. During Operation and Maintenance Period (OPEX) : The O & M cost (20% of the Contract Value) will be paid to the successful bidder on Yearly basis @ Equal annual installments in next five years for proper O&M of the plant. (Total O & M cost / 5).

Note: Contract Value (Contract Value including Installation, Commissioning and O& M of EV Changing Station for 5 years)

- **Contract Value is inclusive of all applicable taxes & excluding of GST if any.**
- **The payment will be made to the bidder are subject to deduction of tax as per the Government Rule from time to time.**
- **The fee is inclusive of the anticipated inflationary increase over the duration of the contract and hence will not be reviewed further.**

16. Penalty:

- ✓ If the contractor does not comply with the instructions of the Municipal Commissioner/Committee or the project incharge with regards to the replacement/ replenishment of the spares parts/ any major equipment parts for the required performance of the existing equipment/ machinery, then the Municipal Body shall be at a liberty to undertake the same on its own or through its Appointee and recover the amount so incurred along with overheads of UMC of the project facility, from the contractor from its future amounts due under this Agreement. The decision of the Commissioner/Committee in this regard would be final and binding on the Contractor.
- ✓ Not deploying adequate man power a penalty of Rs. 500/- day for per person will be imposed.
- ✓ If any misbehavior/indiscipline role by staff will come into notice a penalty of Rs. 500/- per instance will be imposed.
- ✓ 5% of the total monthly O&M amount, for every 10% drop in the output.

SPECIAL CONDITIONS OF THE CONTRACT

1. The stipulated date of commencement of the work shall be the date on which the agreement is signed/ executed/ drawn between RMC & the contractor.
2. The contractor shall not be entitled to any compensation on account of delay due to any natural calamity or labor unrest or non- availability of labor, theft of materials or any kind of force majeure situation, etc.
3. If the contractor could not achieve proportionate progress with respect to time, then RMC shall have the right to take any action deemed fit against the contractor as per the agreement including rescind of contract, levy of penalty, etc. In case of non-cooperation/deliberate delay either required quality and progress/unnecessary or uncalled for correspondence(s) embedded with condition(s)/instruction(s) not commensurate with the explicit condition(s) of the agreement by the contractor for the work, RMC shall not only have the right to rescind the contract but also to execute either the whole or balance portion of the work through any other mode, as deemed fit by RMC and the excess expenditure incurred, if any, for execution of the same, shall be recovered from the contractor resorting to the procedures deemed fit by RMC. **The employer (RMC) also reserves the right whether to respond or not to the correspondence(s)/queries of the contractor or any other organization/entity regarding this work and/or the conditions/instructions associated with this work.**
4. The decision of RMC regarding the reasons for delay, if any, in completion of the work shall be final and binding on the contractor. If the Municipal Commissioner, RMC is not satisfied regarding the genuineness of delay for progress and/or completion of the work, then he/she may impose penalty upon the contractor Rs. 10000/- (Rupees Ten Thousand only) per day for delay of the work not exceeding 10% of the total project cost.
5. RMC reserves the right, to make such increase or decrease in the quantities and/or items of the work which are considered necessary during the course of execution. Such increase or decrease shall be at the discretion of RMC and in no case, shall validate the contract except the corresponding financial involvement admissible by/acceptable to RMC.
6. The actual date of completion of the work and corresponding date of commencement and completion of defect liability period shall be noted/declared/notified/intimated by RMC from time to time and the same shall be binding upon the contractor.
7. The EMD, & Security Deposit(s) (SD) retained by RMC from the contractor's bill shall be considered for release subject to fulfillment of all the conditions of the RFP/ Agreement and after checking/scrutiny of the files and expenditures by Local Finance Audit and shall be subject to deductions/recovery of any amount(s) pointed out by Audit.
8. No interest will be paid by RMC on the EMD furnished by any bidder, on the Security deposit of the contractor and on the amount(s) to be withheld/deducted by RMC from the bill amount(s) if the contractor or upon delay in release of payment(s) or release of deposit(s) of the bidder(s)/contractor.
9. The quoted prices should be including of all applicable taxes, transportation, civil work, if any required, One No. of operator etc and excluding of GST.
No claim in this regard in any manner by the contractor or any organization/ entity shall be entertained/ accepted by Municipal Commissioner, Rourkela Municipal Corporation

FORMAT FOR COVERING LETTER FOR PROPOSAL SUBMISSION

(On the Letterhead of the Bidder)

Date:

To,

The Commissioner
Rourkela Municipal Corporation
Udit Nagar, Rourkela-769012

Sub: "Request for Proposal (RFP) For SITC of EV Charging Plaza Including EV Chargers, Electrical, Civil, Solar and Allied System work along with Comprehensive Operation & Maintenance (O&M) for a Period of 5 Years at Rourkela Municipal Corporation (RMC).

Dear Sir,

Being duly authorized to represent and act on behalf of Sole Applicant. I, the undersigned, having reviewed and fully understood all of the Proposal requirements and information provided hereby submit the Proposal for the Project referred above.

I am enclosing the Proposal (one original), with the details as per the requirements of this RFP, for your evaluation. The Proposal, including the Bid Security shall be valid for a period of 90 days from the Proposal Due Date and the Bid Security shall be valid up to 45 days beyond the proposal validity period

Dated thisDay of2026

Name of the Lead Member/Person

Signature of the Authorized Person

.....

Name of the Authorized Person

.....

Designation of the Authorized Person

TECHNICAL BID FORM
(TO BE SUBMITTED SEPARATELY IN ENVELOPE – 'A ')

1	Name of Bidder	
2	Name of the proprietor/Partner	
3	Address of the firm	
4	Telephone/ Fax No. Email ID	
5	Pan Number (attached photocopy)	
6	Photo copy of GST Registration Certificate (attached photocopy)	
7	Average Annual Turnover during the last preceding three Financial Years of Rs. 50 lakhs in the form of C.A Certificate/ Audited Balance Sheet (attached photocopy)	
8	List of Similar Work Experience as per the Minimum Technical Eligibility (Copy to be attached)	
11	Details of Paper cost of Rs.11,800/-	To be paid online
12	Details of EMD of Rs. 2,00,000/-	To be paid online

Note: Submission of documentary proof for the entire above Qualifying Requirement is mandatory. In case of absence of documentary proof the bid is liable to be rejected. RMC may demand original documents for verification.

Date:
Place:

Authorized Signatory
Name _____
Designation_____

FORMAT FOR POWER OF ATTORNEY FOR SIGNING OF PROPOSAL

(On Non – judicial stamp paper of Rs. 100/- duly attested by a Notary Public)

POWER OF ATTORNEY

Know all men by these presents, we (name and address of the registered office of the Sole Applicant) do hereby constitute, appoint and authorize Mr. / Ms. _____ R/o (name and address of residence) who is presently employed with us and holding the position of _____ as our attorney, to do in our name and on our behalf, all such acts, deeds and things necessary in connection with, for SITC of EV Charging Plaza Including EV Chargers, Electrical, Civil, Solar and Allied System work along with Comprehensive Operation & Maintenance (O&M) for a Period of 5 Years at Rourkela Municipal Corporation (RMC), including signing and submission of all documents and providing information / responses to Rourkela Municipal Corporation representing us in all matters in connection with our bid for the said Project.

We hereby agree to ratify all acts, deeds and things lawfully done by our said attorney pursuant to this Power of Attorney and that all acts, deeds and things done by our aforesaid attorney shall and shall always be deemed to have been done by us.

For (Signature)

(Name, Title and Address)

Accept

..... (Signature)

(Name, Title and Address of the Attorney)

Notes:

- To be executed by the Sole Applicant.
- The mode of execution of Power of Attorney should be in accordance with the procedure, if any, laid down by the applicable law and the charter documents of the executants(s) and when it is so required the same should be under common seal affixed in accordance with the required procedure.
- Also, wherever required, the executants(s) should submit for verification the extract of the charter documents and documents such as a resolution / Power of attorney in favour of the Person executing this Power of Attorney for the delegation of power hereunder on behalf of the executants(s).

**Format of Disclosure
[On the letter head of bidding Company]**

We hereby declare that the following companies with which we/have direct or indirect relationship are also separately participating in this Bid process as per following details:

Sl. No	Name of the Company	Relationship

In case there is no such company in the column "name of the company" write "Nil".

Further we confirm that we don't have any Conflict of Interest with any other company participating in this bid process.

Signature of

Chief Executive Officer/ Managing Director

The above disclosure should be signed and certified as true by the Chief Executive Officer/ Managing Director being full time Director Bidding Company or Member, in case of a Consortium.

Format for Affidavit for Non-criminality

(On Non – judicial stamp paper of Rs 100 duly attested by notary public)

1. I, the undersigned, do hereby certify that all the statements made in our proposal are true and correct.
2. The undersigned also hereby certifies that neither our firm M/s nor any of its directors/constituent partners have abandoned any work on Municipal in India or any contract awarded to us for such works have been terminated for reasons attributed to us, during last five years prior to the date of this application.
3. The undersigned also hereby certifies that neither our firm M/s nor any of our consortium partner namely M/s & M/s have abandoned any contract/ work of RMC or Govt. of Odisha and or blacklisted by any State/ Central Govt. agencies in participating from any bidding/ tendering process.
4. The undersigned hereby authorize(s) and request(s) any bank, person, firm or Corporation to furnish pertinent information deemed necessary and requested by RMC to verify this statement or regarding my (our) competence and general reputation.
5. The undersigned understands and agrees that further qualifying information may be requested, and agrees to furnish any such information at the request of the RMC.

Signed by an authorized Officer of the Company/firm

Title of Officer

Name of Company/Firm

Date

FORMAT FOR ANTI-COLLUSION CERTIFICATE

(On the letter head of the Sole Applicant)

ANTI-COLLUSION CERTIFICATE

We hereby certify and confirm that in the preparation and submission of this Proposal, we have not acted in concert or in collusion with any other Bidder or other person(s) and also not done any act, deed or thing which is or could be regarded as anti-competitive.

We further confirm that we have not offered nor will offer any illegal gratification in cash or kind to any person or agency in connection with the instant Proposal.

Date thisDay of 2026.

Name of the Bidder

Signature of the Authorized Person

Name of the Authorized Person