बिड संख्या/Bid Number: GEM/2026/B/8282754

दिनांक /Dated: 17-11-2026

दर अनुबंध बिड दस्तावेज़ / Rate Contract Bid Document

This Rate Contract Bid is governed by General Terms and Conditions of Rate Contract

बिड विवरण/Bid Details	
बिड बंद होने की तारीख/समय /Bid End Date/Time	08-12-2026 13:00:00
बिड खुलने की तारीख/समय /Bid Opening Date/Time	09-12-2026 13:00:00
बिड पेशकश वैधता (बंद होने की तारीख से)/Bid Offer Validity (From End Date)	180 (Days)
मंत्रालय/राज्य का नाम/Ministry/State Name	Chhattisgarh
विभाग का नाम/Department Name	Energy Department Chhattisgarh
संगठन का नाम/Organisation Name	Chhattisgarh State Renewable Energy Development Agency (creda)
कार्यालय का नाम/Office Name	Raipur
शिकायत निवारण के संपर्क विवरण/ Contact details of Grievance redressal	HOD Email id :bhanu.pratap10@cg.gov.in Buyer Email id: nikhilgarg.creda@gmail.com
वस्तु श्रेणी /Item Category	High Mast Lighting Octagonal Tower With Solar Based LED Street Light (V2) (Q2)
पिछले 3 वित्तीय वर्षों का बिडर का न्यूनतम औसत वार्षिक वित्तीय टर्नओवर/Minimum Average Annual Turnover of the bidder (For the last 3 Financial Years)	50 Lakh (s)
उन्हीं/समान सेवा के लिए अपेक्षित विगत अनुभव के वर्ष/Years of Past Experience Required for same/similar service	3 Year (s)
टर्नओवर पात्रता मानदंड/Turnover eligibility criteria	To be verified by the buyer at the time of technical evaluation
स्टार्टअप के लिए अनुभव के वर्षों और टर्नओवर से छूट प्रदान की गई है /Startup Relaxation for Years of Experience and Turnover	No

बिड विवरण/Bid Details	
विक्रेता से मांगे गए दस्तावेज़/Document required from seller	Experience Criteria,Past Performance,Bidder Turnover,Certificate (Requested in ATC),OEM Authorization Certificate,Additional Doc 1 (Requested in ATC),Additional Doc 2 (Requested in ATC),Additional Doc 3 (Requested in ATC),Additional Doc 4 (Requested in ATC),Compliance of BoQ specification and supporting document *In case any bidder is seeking exemption from Experience / Turnover Criteria, the supporting documents to prove his eligibility for exemption must be uploaded for evaluation by the buyer
क्या आप निविदाकारों द्वारा अपलोड किए गए दस्तावेज़ों को निविदा में भाग लेने वाले सभी निविदाकारों को दिखाना चाहते हैं? संदर्भ मेनू है/Do you want to show documents uploaded by bidders to all bidders participated in bid?	No
बिड लगाने की समय सीमा स्वतः नहीं बढ़ाने के लिए आवश्यक बिड की संख्या। / Minimum number of bids required to disable automatic bid extension	3
दिनों की संख्या, जिनके लिए बिड लगाने की समय-सीमा बढ़ाई जाएगी। / Number of days for which Bid would be auto-extended	7
ऑटो एक्सटेंशन अधिकतम कितनी बार किया जाना है। / Number of Auto Extension count	1
बिड से रिवर्स नीलामी सक्रिय किया/Bid to RA enabled	No
दर अनुबंध और शीर्षक / Rate Contract & Title	Yes ; Solar High Mast
दर अनुबंध की वैधता अवधि / Validity Period Of Rate Contract	12 Months
तकनीकी मूल्यांकन के दौरान तकनीकी स्पष्टीकरण हेतु अनुमत समय /Time allowed for Technical Clarifications during technical evaluation	2 Days
निरीक्षण आवश्यक (सूचीबद्ध निरीक्षण प्राधिकरण /जेम के साथ पूर्व पंजीकृत एजेंसियों द्वारा)/Inspection Required (By Empanelled Inspection Authority / Agencies pre-registered with GeM)	No
अनुमानित बिड मूल्य / Estimated Bid Value	468000000
मूल्यांकन पद्धति/Evaluation Method	Item wise consignee wise evaluation

ईएमडी विवरण/EMD Detail

एडवाईजरी बैंक/Advisory Bank	ICICI
ईएमडी राशि/EMD Amount	1000000

Discount Slab Range

High Mast Lighting Octagonal Tower With Solar Based Led Street Light (v2)

Slab 1	1 - and above Unit

(a). जेम की शर्तों के अनुसार ईएमडी छूट के इच्छुक बिडर को संबंधित केटेगरी के लिए बिड के साथ वैध समर्थित दस्तावेज़ प्रस्तुत करने है। एमएसई केटेगरी के अंतर्गत केवल वस्तुओं के लिए विनिर्माता तथा सेवाओं के लिए सेवा प्रदाता ईएमडी से छूट के पात्र हैं। व्यापारियों को इस नीति के दायरे से बाहर रखा गया है।/EMD EXEMPTION: The bidder seeking EMD exemption, must submit the valid supporting document for the relevant category as per GeM GTC with the bid. Under MSE category, only manufacturers for goods and Service Providers for Services are eligible for exemption from EMD. Traders are excluded from the purview of this Policy.

(b).ईएमडी और संपादन जमानत राशि, जहां यह लागू होती है, लाभार्थी के पक्ष में होनी चाहिए। / EMD should be in favour of Beneficiary, wherever it is applicable.

(c).ईएमडी और संपादन जमानत राशि लाभार्थी के पक्ष में होनी चाहिए। / Earnest Money Deposit (EMD) shall also be accepted by the buyer in the form of a surety bond.

लाभार्थी /Beneficiary :
executive Engineer
Raipur, Energy Department Chhattisgarh, Chhattisgarh State Renewable Energy Development Agency (CREDA),
(Nikhil Garg)

बोली विभाजन लागू नहीं किया गया/Bid splitting not applied.

1. The minimum average annual financial turnover of the bidder during the last three years, ending on 31st March of the previous financial year, should be as indicated above in the bid document. Documentary evidence in the form of certified Audited Balance Sheets of relevant periods or a certificate from the Chartered Accountant / Cost Accountant indicating the turnover details for the relevant period shall be uploaded with the bid. In case the date of constitution / incorporation of the bidder is less than 3-year-old, the average turnover in respect of the completed financial years after the date of constitution shall be taken into account for this criteria.
2. Experience Criteria: In respect of the filter applied for experience criteria, the Bidder or its OEM of the product offered in the bid {themselves or through reseller(s)} should have regularly, manufactured and supplied same or similar Category Products to any Central / State Govt Organization / PSU for number of Financial years as indicated above in the bid document before the bid opening date. Copies of relevant contracts and delivery acceptance certificates like CRAC to be submitted along with bid in support of having supplied some quantity during each of the Financial year. In case of bunch bids, the category of primary product having highest value should meet this criterion.
3. Estimated Bid Value indicated above is being declared solely for the purpose of guidance on EMD amount and for determining the Eligibility Criteria related to Turn Over, Past Performance and Project / Past Experience etc. This has no relevance or

bearing on the price to be quoted by the bidders and is also not going to have any impact on bid participation. Also this is not going to be used as a criteria in determining reasonableness of quoted prices which would be determined by the buyer based on its own assessment of reasonableness and based on competitive prices received in Bid / RA process.

Pre Bid Detail(s)

मूल्य भिन्नता खंड दस्तावेज़/Pre-Bid Date and Time	प्री-बिड स्थान/Pre-Bid Venue
23-11-2026 12:00:00	Head Office Creda

मूल्यांकन विधि(मदवार मूल्यांकन विधि) / Evaluation Method & Consignee Location (Item Wise Consignee Wise Evaluation Method)

Contract will be awarded schedule wise and the determination of L1 will be done separately for each schedule. The details of item-consignee combination covered under each schedule are as under:

मूल्यांकन अनुसूचियां / **Evaluation Schedules**	वस्तु/श्रेणी / **Item/Category**	**Location of Consignee**
Schedule 1 (RAIPUR)	High Mast Lighting Octagonal Tower With Solar Based Led Street Light (v2)	RAIPUR

High Mast Lighting Octagonal Tower With Solar Based LED Street Light (V2)

तकनीकी विशिष्टियाँ /Technical Specifications

[* जेम केटेगरी विशिष्टि के अनुसार / As per GeM Category Specification]

विवरण/Specification	विशिष्टि का नाम /Specification Name	बिड के लिए आवश्यक अनुमत मूल्य /Bid Requirement (Allowed Values)
Generic	**Height of Octagonal Pole (in meter)**	7, 8, 9, 10, 11 **(meter)**
	Number of LED Street Light Luminaire for Each Octagonal Pole	2, 3, 4, 6, 8
Octagonal Pole Construction	**Thickness of Octagonal Pole Sheet (in mm)**	3, 4, 5 **(millimeter)**
LED Luminaire	**LED Rating/ System Wattage/ Rated Power (in Watt)**	12, 18, 20, 24, 30, 40, 50, 60, 80, 100

क्रेता द्वारा जोड़ी गई बिड की विशेष शर्तें/Buyer Added Bid Specific Terms and Conditions

1. **Generic**

   OPTION CLAUSE: The Purchaser reserves the right to increase or decrease the quantity to be ordered up to 25 percent of bid quantity at the time of placement of contract. The purchaser also reserves the right to increase the ordered quantity up to 25% of the contracted quantity during the currency of the contract at the contracted rates. The delivery period of quantity shall commence from the last date of original delivery order and in cases where option clause is exercised during the extended delivery period the additional time shall commence from the last date of extended delivery period. The additional delivery time shall be (Increased quantity ÷ Original quantity) × Original delivery period (in days), subject to minimum of 30 days. If the original delivery period is less than 30 days, the additional time equals the original delivery period. The Purchaser may extend this calculated delivery duration up to the original delivery period while exercising the option clause. Bidders must comply with these terms.

2. **Buyer Added Bid Specific ATC**

   Buyer uploaded ATC document Click here to view the file.

अस्वीकरण/Disclaimer

The Additional Terms and Conditions (ATC) have been incorporated by the Buyer after approval of their Competent Authority. The Buyer ,is solely responsible for the impact of these clauses on the bidding process, its outcome, and consequences thereof including any restriction arising in the bidding process due to these ATCs and including the modification of technical specifications and / or terms and conditions governing the bid.All representations / grievances pertaining to the ATC clauses shall be raised with the buyer organization directly and not with GeM.If any of the clause(s) is/are incorporated by the Buyer regarding the following, the bid & resultant contract shall be treated as null & void. Further, GeM reserves the right, at its sole discretion, to cancel the bid forthwith, without issuance of any prior notice or intimation :-

1. Publishing Custom / BOQ bids for items for which regular GeM categories are available (unless such Custom / BOQ item is bunched with the major regular product Category Item).
2. Mandating procurement of / from specific Brand / Make / Model / Manufacturer / Dealer except in case of Single Bid / Proprietary Article Certificate (PAC) Buying.
3. Inclusion of disqualification criteria related to suspension of seller / service provider, where such suspension period has already expired.
4. Mandating submission of documents (other than EMD and signed Integrity Pact - which can be submitted within 5 days of bid opening) in physical form as a pre-requisite to qualify bidders.
5. Publishing bids on GeM for procurement of works.
6. Procurement of Goods by creating a Service bid on GeM & vice-versa.
7. Seeking sample with bid or approval of samples during bid evaluation process. However, trial / sample, as the case may be, shall be permitted in cases where trial / sample are allowed as per approved and published procurement policy of the Buyers' controlling Ministry / Department / State / Public Sector Enterprises

Headquarters. If there is any violation of trial / sample clause with regard to approved policy of the Buyers' Ministry / Department / State / Public Sector Enterprises Headquarters, then this is to be determined and redressed by the concerned Buyer Organisation only.

8. Seeking experience from specific organization / department / institute only or from foreign / export experience.
9. Creating bid for items from incorrect categories.
10. Reference of conditions published on any external site or reference to external documents/clauses.
11. Asking for any Tender fee / Bid Participation fee, as the case may be.
12. Buyer added ATC Clauses which are in contravention of clauses defined in bid detail section, including specifications, EMD Detail, ePBG Detail and MII and MSE Purchase Preference sections of the bid, unless otherwise allowed by the applicable GeM GTC.
13. Any ATC clause in contravention with GeM GTC Clause 4 (xiii) (h) will be invalid. In case of multiple L1 bidders against a service bid, the buyer shall place the Contract by selection of a bidder amongst the L-1 bidders through a Random Algorithm executed by GeM system.
14. In a category based bid, adding additional items, through buyer added, additional scope of work/ additional terms and conditions/or any other document. If buyer needs more items along with the main item, the same must be added through bunching category based items or by bunching custom catalogues or bunching a BoQ with the main category based item, the same must not be done through ATC or Scope of Work.

Further, if any seller has any objection/grievance against these additional clauses or otherwise on any aspect of this bid, they can raise their representation against the same by using the Representation window provided in the bid details field in Seller dashboard after logging in as a seller. Buyer is duty bound to reply to all such representations and would not be allowed to open bids if he fails to reply to such representations.

All GeM Sellers/Service Providers shall ensure full compliance with all applicable labour laws, including the provisions, rules, schemes and guidelines under the four Labour Codes i.e. the Code on Wages, 2019; the Industrial Relations Code, 2020; the Occupational Safety, Health and Working Conditions Code, 2020; and the Code on Social Security, 2020 as and when notified and brought into force by the Government of India.

For all provisions of the Labour Codes that are pending operationalisation through rules, schemes or notifications, the corresponding provisions of the pre-existing labour enactments (such as The Minimum Wages Act, 1948, The Payment of Wages Act, 1936, The Payment of Bonus Act, 1965, The Equal Remuneration Act, 1976, The Payment of Gratuity Act, 1972, etc. and relevant State Rules) shall continue to remain applicable.

The Seller/ Service Providers shall, therefore, be responsible for ensuring compliance under:

- **All notified and enforceable provisions of the new Labour Codes as mentioned hereinabove; and**
- **All operative provisions of the erstwhile Labour Laws until their complete substitution.**

All obligations relating to wages, social security, safety, working conditions, industrial relations etc.

and any other statutory requirements shall be strictly met by the Seller/ Service Provider. Any non-compliance shall constitute a breach of the contract and shall entitle the Buyer to take appropriate action in accordance with the contract and applicable law.

This Bid is governed by the General Terms and Conditions, conditions stipulated in Bid and Service Level Agreement specific to the Service, as the case may be, as provided in the Marketplace.

However, in case of Service, if any condition specified in General Terms and Conditions is contradicted by the conditions stipulated in Service Level Agreement specific to said Service, then it will over-ride the conditions in the General Terms and Conditions.

यह बिड सामान्य शर्तों के अंतर्गत भी शासित है /This Bid is also governed by the General Terms and Conditions

जेम की सामान्य शर्तों के खंड 26 के संदर्भ में भारत के साथ भूमि सीमा साझा करने वाले देश के बिडर से खरीद पर प्रतिबंध के संबंध में भारत के साथ भूमि सीमा साझा करने वाले देश का कोई भी बिडर इस निविदा में बिड देने के लिए तभी पात्र होगा जब वह बिड देने वाला सक्षम प्राधिकारी के पास पंजीकृत हो।बिड में भाग लेते समय बिडर को इसका अनुपालन करना होगा और कोई भी गलत घोषणा किए जाने व इसका अनुपालन न करने पर अनुबंध को तत्काल समाप्त करने और कानून के अनुसार आगे की कानूनी कार्रवाई का आधार होगा।/In terms of GeM GTC clause 26 regarding Restrictions on procurement from a bidder of a country which shares a land border with India, any bidder from a country which shares a land border with India will be eligible to bid in this tender only if the bidder is registered with the Competent Authority. While participating in bid, Bidder has to undertake compliance of this and any false declaration and non-compliance of this would be a ground for immediate termination of the contract and further legal action in accordance with the laws.

---धन्यवाद/Thank You---

Chhattisgarh State Renewable Energy Development Agency (CREDA)

(Dept. of Energy, Govt. of Chhattisgarh)
Near Energy Education Park, Village Fundhar
VIP (Air Port Road) Raipur 492015 (C.G.)
Ph.: +91-8370009923
E-mail: credatendercell@gmail.com; Website: www.creda.co.in

TENDER DOCUMENT No. 10799/CREDA/SHM/2026-27 **Dated: 17.11.2026**

E-TENDER FOR STANDARDISATION OF RATE FOR SURVEY, DESIGN, SUPPLY, INSTALLATION & COMMISSIONING OF SOLAR HIGH MAST SYSTEMS WITH FIVE YEARS CMC AND ON SITE WARRANTY ANYWHERE IN THE STATE OF CHHATTISGARH THROUGH GeM PORTAL

Particulars	From Date & Time	To Date & Time	Place
Date of issue of notice inviting Bid	**17.11.2026 05:00 PM**	-----	-----
Period of availability of bidding document at website	**17.11.2026 05:00 PM**	**As per Gem**	www.creda.co.in/Tenders https:// gem.gov.in
Submission of pre bid Queries	**17.11.2026 05:00 PM**	**22.11.2026 05:00 PM**	To be Submitted hard copy at Tender Section, CREDA HO, Raipur or Through E-mail at credatendercell@gmail.com
Pre bid Meeting	**23.11.2026 12:00 PM**	**23.11.2026 02:00 PM**	At Conference Hall, CREDA H.O., Raipur (C.G.)
Display of Sample & Submission of MAF	**30.11.2026 03:00 PM**	**30.11.2026 05:00 PM**	At CREDA HO, Raipur
Submission of Online Bid (Technical + e Price Bid) and Submission of Document in hard Copy	**17.11.2026 05:00 PM**	**As per Gem**	Online Bid on https:// gem.gov.in & Hard Copy at CREDA H.O., Raipur (C.G.)
Opening of Technical Bid	**As per Gem**		At CREDA H.O., Raipur (C.G.) Conference Hall, Raipur. (https:// gem.gov.in)
Evaluation of technical bid and Declaration of Eligible bidders (Bidders who are technically & financially qualified)	**10.12.2026 12:00 PM Onwards**		At Conference Hall, CREDA H.O., Raipur (C.G.)
Opening of e- Price Bid	**As per Gem**		At Conference Hall, CREDA H.O., Raipur (C.G.)

***EMD-Rs. 10,00,000.00 (in words Ten Lacs) for Individual & Consortium bidders to be deposited in CREDA's account along with EMD via* Demand Draft/Pay Order or RTGS/ NEFT.**

Document can be downloaded from Gem portal i.e. https://gem.gov.in. For submission of Bid on GeM portal, please refer to the instructions on GeM portal.

CHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY

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NIT. No. 10800/CREDA/SHM/2026-27 Date: 17.11.2026

NOTICE INVITING TENDER

CREDA invites online Tender for Standardisation of Rates for Survey, Design, Manufacture, Supply, Transport, Installation, Testing and Commissioning of off-Grid Solar High Mast Systems anywhere in the state of Chhattisgarh, including complete system warranty, CMC, insurance and its repair and maintenance for 05 Years as per following details -

SN.	Item Description	Approximate Quantity	EMD	Essentials
1.	Design, Manufacture, Supply, Transport, Installation, Testing Commissioning and CMC of 9M/ 1200Wp Solar High Mast Systems.	1000	Rs. Ten Lacs for Individual and Consortium Bidder	As per clause no. 1(a) to 1(f) of Eligibility Criteria (**Page no. 8**)
TOTAL -		**1000**		----

The quantity of Solar High mast Mentioned in above table is based on target/ work that are expected to be given by various agencies to CREDA within the period of **one year**. The quantity may be increase or decrease.

Estimated Value of tender: - Rs. 46.8 Crores.

Important Events and time schedule for this tender are as follows –

Particulars	From Date & Time	To Date & Time	Place
Date of issue of notice inviting Bid	**17.11.2026 05:00 PM**	-----	-----
Period of availability of bidding document at website	**17.11.2026 05:00 PM**	**As per Gem**	www.creda.co.in/Tenders https:// gem.gov.in
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Evaluation of technical bid and Declaration of Eligible bidders (Bidders who are technically & financially qualified)	**10.12.2026 12:00 PM Onwards**		At Conference Hall, CREDA H.O., Raipur (C.G.)
Opening of e- Price Bid	**As per Gem**		At Conference Hall, CREDA H.O., Raipur (C.G.)

Technical Bid and Price Bid shall be submitted online only at https://gem.gov.in. However, Technical Bid (as per the checklist) also has to be submitted in hard copy duly signed by bidder at H.O Tender Cell, CRED. If there is any discrepancy in e- bid and hard copy, only e- bid shall be valid. **In no case the hard copy of documents shall be evaluated, it is only for record keeping of CREDA.** Bidders are advised to follow the instructions provided for Registration and e-Submission Process accordingly. (For any query about e-bidding please visit user manual at https:// gem.gov.in).

Details of this tender are mentioned at Tender Documents which can be downloaded from our website – *www.creda.co.in*. The Bidder shall have to deposit EMD as mentioned above through Demand Draft/NEFT/RTGS payable to CREDA Raipur while submitting.

Bidders are requested to submit their suggestions/objections/ reservations, if any with details so as to avoid any confusion and to ensure clarity and transparency regarding the tender in writing or by e-mail.

Any Addendum/Corrigendum/Amendment /cancellation Notice, if needed, shall be uploaded on CREDA's Website and Gem portal.

CREDA reserves all rights to accept/reject any or all tenders in full/part without assigning any reasons.

Chief Engineer
Tender Cell, H.O. CREDA,
Raipur (C.G)

CHECK LIST OF DOCUMENTS TO BE UPLOADED IN THE E-BIDDING PORTAL

To ensure that your Bid uploaded on the Gem portal i.e. https:// gem.gov.in is complete in all respects, please go through the following checklist, tick mark & Page No. for the enclosures attached with your Bid –

Sl. No.	Envelope	Description	Complied (For Office Use only)	Page. No.
1	A. Pre-Qualification	EMD submission form of the bidder confirmed by CREDA (as on page – 6)		
2		Scanned copy of Undertaking of the Bidder as mentioned on Page – 7 of the tender document on the letter head of bidder.		
3		Scanned Copy of original tender document duly signed & with stamp on each page, as a confirmation of acceptance of the Terms & Conditions (T&C).		
4		PAN, GSTIN issued in the name of the bidder		
5		Self-certificate from Bidder for not being a debarred/ Blacklisted from any Government contract organisation.		
6		Consortium agreement along with MoU and Power of Attorney (If applicable) **(**Annexure-II**)**		
7		Declaration of conflict of interest - by bidder about any relatives working/ not working with CREDA along with notarized Affidavit as per Annexure –III (Hard Copy to be submitted as per clause 5d, Section-1)		
8		Copy of Registration: Certificate as System Integrator of CREDA in SPV Programme valid at the time of submission of Bid.		
9	B. Technical and Financial Qualification	Valid Test Reports of major component of Solar High Mast system in their name/ manufacturer or Consent from the owner of test reports and MAF on behalf of owner. (Wherever applicable)		
10		Original Net worth Certificate duly signed by Chartered Accountant as on 31.03.2025/31.03.2026.		
11		Original certificate for last three financial years Turnover i.e., 2022-23, 2023-24 and 2024-25/2025-26 in SPV project		
12		Copy of Original ITRs for last three Financial Years i.e., 2022-23, 2023-24 and 2024-25/2025-26 of the Bidder and Balance Sheet		
13		Completion and performance certificates of Solar High Mast installed/Constructed by the Bidder in Govt. Scheme of any state as a proof of minimum experience in prescribed format Annexure –I in any three financial year i.e. 2021-22, 2022-23, 2023-24 2024-25 & 2025-26.		
14		Proof of being Eligible Manufacturer of Modules/ Pole/ Batteries /other BOS.		
15		Declaration for using Same Make of Equipment		
16		Manufacture Authorization certificates of all components of Solar High Mast.		
17		Technical Data Sheet for each component showing full technical details.		

Note: Bidders shall have to submit the original hard copies of the above-mentioned documents as described in Section – 1; Clause 5(d).

Details of EMD

Tender No. and Date	
Name of the Bidder	
Bidder's Bank Account Details	
(i) Name of the bank	
(ii) Branch	
(iii) IFSC Code	
(iv) Account No.	
(v) Transaction reference number	EMD-.....
(vi) Date of transaction	EMD-.....
(vii) EMD	In Rs. ……../- In Words -(……..……)

Name	CREDA
Bank & Branch Name	ICICI Bank, Pachpedi Naka, Raipur
Bank Account Number	134601000400
Branch IFSC Code	ICIC0001346

(Sign & Seal of the bidder)

***NOTE –**

1. **The EMD shall have to be deposited as mentioned in the NIT in CREDA's bank account (amount mentioned above). Bidder shall have to upload the transaction details as above or a scanned copy of the DD (if transaction is done through DD)**
2. **In case the transaction is done through DD, the original DD has to be submitted in envelope as per Clause 5(d).**

UNDERTAKING OF THE BIDDER
(To be submitted on letter head)

I/We have read carefully and examined the notice inviting tender, schedule, General Rules and terms and conditions of the contract, special conditions, Schedule of Rates and other documents and Rules referred to in the tender document for the supply.

I/We hereby tender my rates for the execution of the work for CREDA as specified within the time stipulated in the schedule in accordance with all aspects with the specifications, designs, drawings and instructions with such conditions so far as applicable.

I/We agree to keep the tender valid for **One Hundred Eighty (180)** days from the due date of submission thereof and not to make any modifications in its terms and conditions.

A sum of **Rs. Ten Lacs for Individual & Consortium Bidder** is hereby forwarded as **Earnest Money** in the form of crossed Demand Draft/Pay Order or RTGS / NEFT payable to CREDA at Raipur (C.G.). If I/We fail to commence or complete the sanction ordered in specified time or fail to fulfil the any condition of tender document, I/We agree that the CREDA shall, without prejudice to any other right or remedy, be at liberty to forfeit the said Earnest Money absolutely. The said Earnest Money shall be retained by CREDA up to the validity of tender after agreement is done to execute all the works referred to in the Bid documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be required by CREDA.

I/We hereby declare that I/We shall treat the tender documents, specifications and other records connected with the work as secret/confidential and shall not communicate information derived there from to any person other than a person to whom I/We have authorized to communicate the same or use the information in any manner prejudicial to the safety of CREDA/Government.

I/We shall abide to all the laws and shall be responsible for making payments of all the taxes, duties, levies and other Govt. dues etc. to the appropriate Govt. departments.

Our GST Registration No._____. The PAN No. under the Income Tax Act is _____.

I/We shall be responsible for the payment of the respective taxes to the appropriate authorities and should I/we fail to do so, I/we hereby authorize CREDA to recover the taxes due from us and deposit the same with the appropriate authorities on their demand.

I/We declare that none of our relatives is working in CREDA either on Regular/Contract/ Placement basis or I/We don't have any partnership/sub-contract obligation with any employee working in CREDA at present directly or indirectly and we will not enter in such obligation in future also. If any breach of declaration is found than we will be responsible for our debarment and any other action taken by CREDA.

Dated: **Signature**

Place: **Name of Bidder with seal …….**

Witness:

Signature: ……..

Name: …….

Postal Address: …….

……

Section - 1
INSTRUCTIONS FOR BIDDERS

1. ELIGIBILITY CRITERIA:

a. TEST REPORTS OF SOLAR HIGH MAST:

i. Bidder must have valid test report(s) of all the major components of Solar High Mast such as SPV Module, and Luminary with in-built Charge Controller in their names/manufacturer issued by solar energy test centre or any other test centre accredited by NABL. (The major components of solar High Mast shall be compatible to each other so that the components may be synchronised properly. The bidder may also prefer that the manufacturer of Luminary with in-built Charge Controller and Battery would be same). Bidder must also have to submit FEA report of pole and accessories.

ii. Bidders having a valid test certificate of battery as per IS 16046 Part-2 shall be allowed to participate in the bid; However, such bidders shall submit an Acknowledgment of submission of samples fee receipt to an MNRE/NABL-approved test laboratory for testing as per IS 16270:2023 along with the bid. The bidder shall submit the valid test certificate as per IS 16270:2023 within 90 days from the date of execution of the agreement. No work order shall be issued to the successful bidder unless and until the required IS 16270:2023 test certificate has been submitted and duly accepted by CREDA. Submission of only the Acknowledgment of submission of samples fee receipt shall not be considered sufficient for issuance of work order, Failure to submit the test certificate within the stipulated period may result in forfeiture of EMD and/or blacklisting/ debarment by CREDA, as applicable. CREDA may extend or reduce the stipulated period, if required. The bidder shall submit an undertaking along with the bid accepting these conditions.

Note: In case, during the execution of the work, if the bidder/SI wishes to change the make of major components (with the same specifications in this bid) such as Solar Modules and/or Luminary, and/or Battery, and/or Charge Controller, then such bidder/SI shall have to submit the test report of newly proposed components to CREDA and only after due approval from CREDA, the bidder can install such system in the field. CREDA reserves the right to allow or disapprove such new configurations as and when they are brought to CREDA's notice by the bidders/SIs.

iii. Bidder must have either valid test report in his name or written consent from owner (hereinafter owner means manufacturer of SPV Module/Battery/Luminary/Charge Controller/Pole only) of the test report to use.

b. MINIMUM EXPERIENCE:

Bidders must have minimum experience in any three out of the last five consecutive financial years: i.e. 2021-22, 2022-23, 2023-24, 2024-25 & 2025-26 as per the details mentioned below-

S. No.	Particular	No. of System
1	Solar High Mast of capacity 9M/1200Wp	50 Nos. of Solar High Mast of minimum cap. 09M and above

c. Bidders shall have to submit experience certificates containing complete system details from the concerned state/central agencies /department document issued by competent authority duly sealed and signed along with bid document. Experience certificate should be submitted in attached format (as per Annexure I) **or in other format containing similar information as in attached format (as per Annexure I) shall be considered only in-case submitted in Hindi / English Language only.** Work order, L.O.I. / L.O.A etc., will not be accepted.

d. Bidders must have a Positive Net worth **Positive Net worth (Positive Net Worth means "Net value of the Assets minus (-) Net value of liabilities")** minimum of **Rs. 25 Lacs as** on 31stMarch 2025/31st March 2026. They shall have to submit an **Original Certificate** duly signed by a qualified and registered Chartered Accountant having UDI number as a proof. Produced certificate must tally with the audited balance sheet.

e. Bidders should have an aggregate turnover of minimum Rs. **1.5 crore** in last three financial years i.e. 2022-23, 2023-24 & 2024-25/2025-26 in SPV Projects. Attested copy of certified copies of the annual returns and audited balance sheet submitted to the Registrar of

Companies/Income Tax Authorities should be enclosed. For the preceding years, an **original Summarized Sheet** of turnover certified by registered CA must be enclosed.

f. Bidders who are debarred from business by Govt. / Govt. Agency in any state would not be eligible to participate in this bid. A self-declaration should be submitted by the bidder to this effect, failing which bid shall be rejected.

g. Even though the bidders meet the above qualifying criteria, they are subject to be disqualified if they have:

a) Made misleading or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements; and/or

b) Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion litigation history, or financial failures etc.; and/or

c) Participated in the previous bidding for the same work and had quoted unreasonably high or low bid prices and could not furnish rational justification for it to CREDA.

2. CONSORTIUM-

There can be consortium for the contract bid in the constituent firm indicating clearly, amongst other things, the proposed distribution of responsibilities, both financial as well as technical for execution of the work amongst them. For the purpose of this clause the most experienced partner shall be the lead partner. The copy of the consortium agreement in accordance with the requirements mention in **Annexure II**. Lead partner shall be nominated as being partner-in- charge and this authorization shall be evidenced by submitting a Power of Attorney signed by second partner. Consortium shall be allowed in this tender up to two partners submitted to fulfilling following criteria:-

a. The term Bidder used hereinafter would therefore apply to both as single entity and as Consortium. Consortium of companies/organizations/bidders (maximum of two members).

b. Consortium partners will have to open ESCROW bank account. Payment will be given in same account or lead partner bank account**.**

c. Most experienced partners of the consortium shall act as Lead member.

d. Both the partners should individually fulfil criteria of 1(f) and 1(g).

e. Both the partners should jointly fulfil eligibility criteria as per clause 1(a), 1(b), 1(c) 1(d) and 1(e) In case of minimum experience as per clause 1(b), incorporation of the Lead Member in the Consortium shall determine the minimum experience required for the Consortium to qualify.

f. Member of any Consortium Firm shall not be permitted to participate either in individual capacity or as a member of any other Consortium in the same tender. Submission or participation in more than one bid will cause disqualification of the entire bid submitted by the bidder.

g. All formalities including signing the agreement in respect of submission of tender shall be done only in the name of **'Lead Member'** and not in the name of Joint Consortium. However, name & other details of both the members of Consortium firm should be clearly mentioned in the bid.

h. The lead partner of consortium shall be solely responsible for any liability, penalty, insurance, CMC and other terms and conditions mentioned in this Tender Document. In event of default by any partner in the execution of his part of contract, both the partners shall be debarred form the tender, execution of work and empanelment list of CREDA.

i. Not withstanding the permission to assigning the responsibilities of defaulting partner above, both the partner of consortium will retain the full and undivided responsibility for the performance of their obligation under the bid.

j. The bid submitted shall include all the relevant information mentioned in this tender document applicable to consortium partner shall be furnished separately for each partner like affidavit as in Annexure-III mentioning information of relatives, Experience certificate, Schedule- I,II,III,IV etc. In case of fails to do, bid shall be rejected.

k. A copy of Memorandum of Understanding (MoU) executed between the members of Consortium shall be submitted along with the tender. The complete details of the members of the Consortium Firm, their share and responsibility in the Consortium etc. Particularly with reference to financial, technical and other obligations shall be furnished in the MoU.

l. Once the bid is submitted, the MoU shall not be modified /altered/ terminated during the period of execution including any extension thereafter by CREDA or validity of any letter of award awarded to the said Consortium Firm. In case, the Bidder fails to observe/comply with this stipulation, the full Security Deposit shall be liable to be forfeited.

m. A duly notarized agreement on 100 Rupees stamp paper of Consortium Firm shall be executed between the 'Lead Member' and Consortium Partner. This Agreement should be submitted in original with your bid. **(Annexure – II)**

n. 'Lead Member' of the Consortium Firm shall be authorized on behalf of Consortium Firm to deal with CREDA, sign the agreement and enter into contract in respect of the said tender, such activities in respect of the said tender/contract. All notices/correspondences with respect to the contract would be sent only to this 'Lead Member' of Consortium Firm.

o. **Copy of the original Memorandum of Understanding (MoU) as stated in clause 2(k) and original copy of agreement as stated in clause 2(m) shall be submitted separately. In absence of any of each shall lead to disqualification from the bid.**

p. Duration of MoU and Consortium Agreement shall be valid during the entire execution period/validity of letter of award and any extension thereafter/currency of the contract including the period of extension, if any.

q. Splitting of EMD/fees among the members of Consortium shall not be permitted.

r. Members of the Consortium Firm shall be jointly and severally liable to CREDA for execution of the project/ Work/ Assignment etc. The Consortium members shall also be liable jointly and severally for the loss, damages caused to the CREDA during the course of execution of any awarded contract or due to non-execution of the contract or part thereof. Governing Laws for Consortium firm: Consortium Agreement in all respect be governed by and interpreted in accordance with Indian Laws.

s. After successful completion of work, experience certificate shall be given by CREDA in accordance with percentage of participation as mentioned in consortium agreement.

All correspondence by CREDA shall be done with the 'Lead member' of Consortium only.

3. BIDDING PROCESS –

For ease of accessing the e-bidding website and registration the following is to be done by bidder -

a. Visit https:// gem.gov.in

b. **Prospective bidders are requested to download, read and understand the Manuals present on the website so as to clearly understand the bid submission process.**

c. The user will be directed to e-bidding page where all information regarding registration is available along with helpline details.

d. Technical bid and Price Bid shall be submitted online only at https://gem.gov.in as per Gem scheduled. Bids submitted after scheduled time and date shall not be considered.

4. EMD

a. Earnest Money Deposit of Rs. Ten Lakhs for individual & Consortium Bidders submitted in the form of Demand Draft/Pay Order or RTGS/NEFT as mentioned in the NIT vide no. 10800/CREDA/ Solar High Mast/2026-27 Date: 17.12.2026**,** EMD submitted in any other form e.g. **Cash/Bank Guarantee/FDR /TDR etc. shall not be accepted**.

b. Each Bidder should submit Earnest Money in the form of Demand Draft/Pay Order or RTGS/NEFT,As single transaction only as mentioned in the Bid No. 10799/CREDA/SHM/2026-27 Dated 17.12.2026.

c. EMD submitted in any other form e.g. Cash/Bank Guarantee/FDR/TDR etc. shall not be accepted.

5. SUBMISSION OF DOCUMENTS –

a. All the documents including technical and financial Bid should be submitted online on GeM portal https:// gem.gov.in as per the items mentioned in the Checklist on page no. 5 in this bid.

b. Bidders are advised to finish all the bidding portal related activities such as registration, USB certificate/token approval, and payments etc. well in advance so as to avoid last minute difficulties during the bid submission.

c. Bidders are also advised to make themselves fully aware with the bid submission mechanism to avoid last minute hassles and doubts during bid submission. CREDA shall only entertain genuine technical issues/glitches, provided that the bidder submits evidence regarding the same.

d. Additionally, the bidders shall also have to submit all the documents, in original hard copy, as required in this bid as per the checklist on page 05 during the opening of technical bid. Bidders shall have to submit only the documents as per the checklist in the following envelopes

- **Envelope A** – Pre Qualification Documents (original DD should be submitted in this envelope)
- **Envelope B** –Financial Qualification Documents.(GST, PAN; Net worth; Turnover; ITR and Balance Sheet)
- **Envelope C**– Technical Qualification Documents.

Note: The envelopes mentioned above is only for hard copy submission and not to be confused with the envelope mentioned in check list on Page no. 5. The documents submitted in hard copy (offline) to CREDA Head Office must match with those submitted in the GeM portal. Any document other than the uploaded document shall not be considered. CREDA's tender committee will only evaluate the documents submitted on GeM portal. In no case the hard copy of documents shall be evaluated, they are only for record keeping by CREDA.

6. SPECIFICATION AMENDMENTS -

a. The Specifications of SPV Module, luminary, battery charge controller, pole, foundation, structure and all required BOS etc. of Solar High Mast Systems should be as specified in this bid. If any amendments are issued by CREDA in due course of time, in this context, then those shall be applicable under this Bid.

b. CREDA reserves the right to amend or change any specifications of the entire or any component of Solar High Mast system even after the issuance of sanction order as per the site conditions and demand.

7. GST & PAN -

Bidder shall have to submit copies of GST registration number and PAN numbers issued by the appropriate authority.

8. THE BID -

a. The Pre-Qualification, Technical-Financial Qualification Documents and Price Bid, other related documents must be uploaded in the portal i.e. https://gem.gov.in.

b. Nobody is authorized to receive or grant receipt for Bid delivered on behalf of CREDA. **Bid received through any other mode shall not be considered and shall be rejected.**

9. ANALYSIS OF RATE –

Bidder should quote their rates considering variation of site conditions and all other factors in price of different components and keeping the quantum and quality of work in mind. In the event that any bidder quotes rate that are exceptionally lower or exceptionally high and are found to be unreasonable or nonworkable in the opinion of CREDA, the tender evaluation committee reserves the right to conduct a market survey and/or rate analysis to assess the feasibility of such rates. The finding of such survey/analysis shall be placed on record and CREDA may reject such bid, if the quoted rates are determined to be unworkable or detrimental to the safisfactory execution of the work.

10. REGISTRATION OF BIDDER -

The Bidder should be registered with CREDA as a System Integrator at the time of submission of Bid. If not registered then he shall have to get registered himself prior to the contract agreement with CREDA. Further, all component vendors proposed by the bidder for supply of major system components under the scope of work shall also be registered with CREDA prior to the execution of the Contract Agreement. Failure to obtain the requisite registrations within the stipulated time shall render the bidder ineligible for award of the contract and CREDA shall be at liberty to take appropriate action as per the tender conditions.

11. VALIDITY OF THE BID -

Full descriptive particulars and complete specifications should accompany the offer. Offers should be kept open for acceptance for at least **180 days** from the date of opening.

After finalization of this bid the approved rates shall be **valid for One years** from the date of award; however, CREDA shall have liberty to increase or decrease this validity if needed.

12. TERMS & CONDITIONS -

a. The terms, conditions, and specifications mentioned in bid document shall be binding on the bidders and no condition or stipulation contrary to the conditions shall be acceptable. It may please be noted that the bidders who do not accept terms and conditions stipulated in this Bid documents, their offers shall be liable to be rejected out-rightly without assigning any reason whatsoever.

b. Each page of Bid document & enclosures shall be signed by the bidders and seal affixed. All the pages of the documents issued must be uploaded along with the technical offer. In case of any corrections / alterations in the Bid, the Bidder should attest the same; otherwise Bids may not be considered.

c. **Bidders are also instructed to submit their Bids in properly arranged manner (with index, proper paging and with flags on important documents). Incomplete, lose, conditional or improper arranged Bids will not be accepted.**

13. CREDA RESERVES THE RIGHT -

a. To reject or accept any or all Bids fully or partly without assigning any reason on the grounds considered advantageous to CREDA, whether it is the lowest Bid or not.

b. To split the quantities against the Bid further for the same items/work. No reason will be assigned by CREDA for this and will be binding on the Bidders.

c. To increase or decrease of aggregate quantities as per discretion or circumstances.

d. Due to large quantum of work & limitation of the time period for completion of the work CREDA may take consent from other Bidders if they agree to work on rates approved by CREDA.

e. CREDA may undergo agreement with those eligible Bidders who give consent to work on rates standardized by CREDA and may allocate work to them. Rates approved through this Bid may be standardized for all eligible Bids to work for **One years from the date of award**. However CREDA reserves right to curtail or extend this period.

f. CREDA reserves the right to amend or change minor specifications of the entire or any component of Solar High Mast system even after the issuance of sanction order as per the site conditions and demand.

14. COMMUNICATIONS -

a. All the communication between Bidder and CREDA shall be in writing. Notice sent by Electronic means shall be effective on confirmation of the transmission. Notice sent by registered post or speed post shall be effective of delivery or at expiry of normal delivery period as under taken by Postal Service.

b. Offers through Telegraph/Fax/Emails/Post/Courier or open offers etc. received shall be summarily rejected.

15. SUBMISSION / DISPLAY OF SAMPLES –

a. Bidders shall have to display samples individually; these samples can either be manufactured by them or sourced from registered vendors of CREDA for Module, Battery, luminary Charge Controller, Earthing Kit as per tender specifications.

b. However, for display of Pole and Structure for module, the structures shall have to be fabricated by registered vendors of CREDA.

c. Prospective bidders are allowed to provide Manufacturer Authorization Form (MAF) only from such vendors at the time of sample display as well as in the technical bid. In addition to above, such bidders shall have to submit Manufacturer Authorization Form (MAF) on Manufacturer's letter head issued for the above tender with respect to all the major components of Solar High Mast.

d. CREDA shall examine the samples and issue Sample Verification certificate to individual bidders. The bidders shall have to mandatorily upload this certificate in addition to manufacturer authorization in the technical bid.

e. If Bidder/ Owner of the Test Report provides any false/fake information or documents, then they shall be debarred/blacklisted up to 03 years for participation of any activity of CREDA and their EMD will be forfeited and registration in CREDA shall be cancelled.

f. Out of the samples displayed by the bidder for verification, shall be identified as the approved reference samples. Upon approval by CREDA, these reference samples shall become the property of CREDA. However, the approved System Integrator (SI) shall retain the approved

reference samples in its safe custody throughout the validity period of the tender/contract. CREDA reserves the right to call for and inspect these reference samples at any time during the validity of the tender/contract for the purpose of quality assurance, verification, comparison with the materials supplied and installed, or for any other inspection considered necessary.

If required, samples of the components shall have to be displayed for CREDA in prescribed manner after receipt of notification of CREDA for testing, verification purpose without any additional cost.

16. PRE-BID MEETING AND QUERIES SUBMISSION IN WRITING-

a. All suggestions, doubts, confusion, request, queries etc., shall have to be presented to CREDA in writing or through email to credatendercell@gmail.com on or before 22.11.2026 till 05:00 PM. After that any representation in this regard shall not be considered. A Pre-Bid Meeting shall be held on 23.11.2026 at CREDA conference hall to discuss and clarify the queries received within the prescribed period. Only those queries submitted on or before the specified deadline shall be taken up for discussion during the Pre-Bid Meeting

b. The purpose of pre-bid queries is to clarify issues and questions related to this Bid that can be raised at that stage. Any amendments in the bid documents which may become necessary as a result of pre-bid queries received shall be part of original Bid document and communicated through corrigendum on CREDA website www.creda.co.in and Gem Portal www.gem.gov.in.

17. TECHNICAL CRITERIA -

a. Bidder must have valid test report(s) of all the major components of Solar High Mast such as SPV Module, and Luminary with in-built Charge Controller in their names/manufacturer issued by solar energy test centre or any other test centre accredited by NABL. (The major components of solar High Mast shall be compatible to each other so that the components may be synchronised properly. The bidder may also prefer that the manufacturer of Luminary with in-built Charge Controller and Battery would be same). Bidder must also have to submit FEA report of pole and accessories.

Bidders having a valid test certificate of battery as per IS 16046 Part-2 shall be allowed to participate in the bid; However, such bidders shall submit an Acknowledgment of submission of samples fee receipt to an MNRE/NABL-approved test laboratory for testing as per IS 16270:2023 along with the bid. The bidder shall submit the valid test certificate as per IS 16270:2023 within 90 days from the date of execution of the agreement. No work order shall be issued to the successful bidder unless and until the required IS 16270:2023 test certificate has been submitted and duly accepted by CREDA. Submission of only the Acknowledgment of submission of samples fee receipt shall not be considered sufficient for issuance of work order, Failure to submit the test certificate within the stipulated period may result in forfeiture of EMD and/or blacklisting/ debarment by CREDA, as applicable. CREDA may extend or reduce the stipulated period, if required. The bidder shall submit an undertaking along with the bid accepting these conditions.

Note: In case, during the execution of the work, if the bidder/SI wishes to change the make of major components (with the same specifications in this bid) such as Solar Modules and/or Luminary, and/or Battery, and/or Charge Controller, then such bidder/SI shall have to submit the test report of newly proposed components to CREDA and only after due approval from CREDA, the bidder can install such system in the field. CREDA reserves the right to allow or disapprove such new configurations as and when they are brought to CREDA's notice by the bidders/SIs.

b. Bidder must have either valid test report in his name or written consent from owner (hereinafter owner means manufacturer of SPV Module/Battery/Luminary/Charge Controller/Pole only) of the test report to use.

c. The Bidder should have sufficient technically qualified and well-experienced manpower for execution of the project and after sales service of the systems. These details may be called by CREDA and in case there is any deficiency found the Bidder may be debarred.

d. Bidders who are debarred from business by Govt. /Govt. Agency in any state would not be eligible to participate in this bid. A self-declaration should be submitted by the bidder to this effect, failing which bid shall be rejected.

e. Financial bid of those Bidders will not be opened who have not submitted valid test reports / MAF.

18. FORFEITURE OF EARNEST MONEY DEPOSIT -

It should be clearly understood that in the event of bidders failing to enter into the agreement in the prescribed format on their quoted rates and also fails to execute assigned works under any Scheme of CREDA, within stipulated time, if he is so communicated within the validity period of the offer, the full amount of earnest money will be forfeited and bidders shall be debarred/blacklist from future business with CREDA including future participation in all bids up to three years. CREDA's decision in this regard will be final and binding on the bidders.

19. PRICE OF SUPPLY OF SOLAR HIGH MAST SYSTEMS WITH INSTALLATION, COMMISSIONING AND TESTING OF SOLAR HIGH MAST -

a. The Price quoted for Solar High Mast System with supply, installation, commissioning and testing, civil works and all other required BOS etc. with 5 years system warranty, CMC and including GST. The prices shall be filled exactly as per **e-Price Bid enclosed**.

b. There shall be no escalation of rates under any circumstances.

20. ENGINEERING DOCUMENT -

Bidders will have to submit Engineering Documents with technical details, drawings, Specifications of components and make etc. duly certified by competent engineering institution to CREDA for approval, as and when asked by CREDA. Works may only be started out only after approval of the Engineering Document and their samples.

21. COMPREHENSIVE MAINTENANCE CONTRACT (CMC) OF SOLAR HIGH MAST–

Comprehensive Maintenance Contract shall have two distinct components as described below-

a. Preventive / Routine Maintenance: This shall be done by the contractor at least once in every three month and shall include activities such as cleaning and checking the health of the SPV Battery, cleaning of module surface, tightening of all electrical connections and any other activity that may be required for proper functioning of the Solar High Mast as a whole.

b. Breakdown/Corrective maintenance: Whenever a complaint is lodged by the user/CREDA, the bidder shall attend to the same within a reasonable period of time (not exceeding 07 days from the date of complaint) and rectify the defects. Replacement of the defective component/ spares if required as and when such requirement would arise. The replacement work shall be carried out within the specified time limit i.e. maximum 07 days for minor replacement/repair and 15 days for major replacement/repair. It is mandatory that the contractor shall submit a certificate, about the rectification/replacement work done, from the concerning beneficiary(s) to the DO, failing which it will be assumed that the contractor has not performed its duties. Major and minor replacement/repair shall be defined by CREDA separately. For carrying out the maintenance service during CMC effectively, the system integrator shall establish one Block level service centre at suitable place (preferable at the same district).

c. Facilities at the Block level Service Centre: The bidder shall maintain the following facilities at the Block level Service Centre for ensuring highest level of services to the end user:

i. Adequately trained manpower specifically trained by the bidder for carrying out the service activities.

ii. Sufficient spare parts, to extend services at the beneficiary's place / site(s).

d. The System Integrator shall submit certificates of maintenance / quarterly visits to respective DOs on quarterly basis, along with the service reports.

e. If the bidder fails to repair the systems against the complaints of breakdown /Corrective maintenance to ensure 100% working status during CMC period in stipulated period i.e. maximum 30 days. Repair / replacement work will be done by CREDA from their SD or any other due payments available with CREDA.

f. A detailed methodology stating the plan to undertake the work of Maintenance Contract, proposed network of service centres should be submitted at the time of Contract.

Bidder must have to submit quarterly monitoring report of the system working satisfactorily duly authenticated by EE of concerned Zonal Office of CREDA.

22. INSPECTIONS -

CREDA reserves right to inspect the material at Godowns/Temporary Stores before dispatch and also at works sites.

23. MANDATORY DEDUCTION -

I. CREDA shall deduct various statutory taxes like IT TDS, GST TDS and various cess on the payment made by the beneficiaries as contribution to SI's and subsidy payable by CREDA i.e. total cost of system.

II. **WCT-** This deduction will be made at the rate of 01% on the total cost (including beneficiary share) of the system.

III. **Royalty-** In the absence of Royalty clearance certificate royalty will be deducted at the market rate on the consumption of minor minerals like sand and aggregates etc.

24. CORRUPT OR FRAUDULENT PRACTICES -

a. CREDA requires the bidder to strictly observe the laws against fraud and corruption in force in India, namely, Prevention of Corruption Act, 1988.

b. It is required that each bidder (including their respective officers, employees and sub-contractors) adhere to the highest ethical standards, and report to the Government/ Department all suspected acts of fraud or corruption or coercion or collusion of which it has knowledge or become aware, during the tendering process and throughout the negotiation or award of contract.

25. MANDATORY EMPLOYMENT-

Qualified diploma engineer with minimum wage Rupees 15,000/- per month for works above rupees 20 lacks and Qualified graduate engineer with minimum wage rupees 25,000/- per month for works above Rupees 01 crore shall have to be deployed by the System Integrator. (As per CG Govt.'s order no. F7-17/2020/1-6 Dated 02.12.2020)

26. TAX OBLIGATIONS -

CREDA shall deduct TDS for Income Tax, applicable cess on Civil Work etc. under various acts and deposited with the appropriate authority.

27. JURISDICTION OF THE COURT -

Any dispute arising out of the contract shall be subject to and will be resolved as per the decision of C.E.O., CREDA and if the matter still unresolved then further matter can be put forth before Hon'ble High Court of Chhattisgarh.

SECTION - 2

GENERAL CONDITIONS OF CONTRACT

1. DEFINITIONS -

In writing General Conditions of Contract, the specifications and bill of quantity, the following words shall have the meanings hereby indicated, unless there is something in the subject matter or content inconsistent with the subject.

a. **"MNRE"** shall mean the Ministry of New and Renewable energy, Govt. of India.

b. **CREDA** shall mean the Chhattisgarh State Renewable Energy Development Agency represented through the Chief Engineer.

c. **Work** shall mean any work entrusted to the Bidder as mentioned in the scope of work and Work order.

d. The **"Engineer in charge"** shall mean the Engineer or Engineers authorized by CREDA for the purpose of this contract. Inspecting Authority shall mean any Engineering person or personnel authorized by CREDA to supervise and inspect the Solar High Mast System installation work.

e. **"The Eligible SI/Bidder"** shall mean the Bidder awarded with the contract or their successors and permitted assigns. Contract Price shall mean the sum named in or calculated in accordance with the provisions of the contract as the contract price. General Conditions shall mean the General conditions of Contract.

f. **"Specifications"** shall mean the specifications annexed to these General Conditions of contract and shall include the schedules and drawings attached thereto or issued to the eligible Bidder from time to time, as well as all samples and pattern, if any.

g. **"Month"** shall mean calendar month. "Writing" shall include any manuscript, typewritten, printed or other statement reproduced in any visible form whether under seal or written by hand.

2. PROOF OF MANUFACTURER -

Those bidders who are also manufacturers of an important component of Solar High Mast System such as SPV Modules, Luminary, Battery, Charge Controller or Pole shall have to submit proof of their factory, SSI Registration and list of Machineries and Equipment.

3. CONTRACT DOCUMENT -

The term "Contract" shall mean and include the General conditions, specifications, schedules, drawings and Work orders etc., issued against the contract schedule of price or their final general conditions, any special conditions applying to the particular contract specification and drawings and agreement to be entered into. Terms and conditions not herein defined shall have the same meaning as are assigned to them in the Indian contract Act or any other Act in vogue or by any person of common knowledge and prudence.

4. MANNER OF EXECUTION -

a. Execution of work shall be carried out under Government mode Scheme of CREDA in an approved manner as outlined in the technical specifications or where not outlined, in accordance with desired Specifications laid down by CREDA, to the reasonable satisfaction of the Engineer.

b. Successful Bidder here-in-after called the **SI** (System Integrator).

i After receipt of LOI from CREDA the eligible SI shall conduct a detailed survey of site and submit site details and feasibility report in prescribed format. After due verification with signatures of Sarpanch or Sachiv of concerned Gram Panchayat. All necessary documents and survey details shall have to be submitted in concerned District Office of CREDA in prescribed manner.

ii SI shall also have to submit layout plan duly consented and signed.

iii Engineer-in-Charge of District Office of CREDA shall examine these reports. After his satisfaction will forward details with his recommendations to EE of Concerned Zonal Office of CREDA. Engineer-in-charge may visit the site if he/she is not satisfied with survey report.

iv In case Engineer-in-Charge of District Office of CREDA finds the site not suitable for installation of Solar High Mast he/she will inform concerned beneficiary organisation / department accordingly and request for alternative site/necessary action.

v Executive Engineer of concerned Zonal Office, CREDA will decide the technical feasibility and layout plan of site. Executive Engineer may visit the site if he/she is not satisfied with survey report.

vi After satisfaction, Executive Engineer will forward the site clearance report with technical feasibility to Head Office, CREDA for issuance of work orders.

vii Head Office, CREDA shall be final authority to approve or reject site finalisation recommended by Zonal Offices.

viii Concerned Section In Charge in CREDA Head Office, after his satisfaction, shall issue the work order to eligible SI for installation of Solar High Mast system.

ix Work order shall be issued to the chosen SI only after execution of the agreement with CREDA.

x The SI shall start work within **15 days** after the date of issue of Work order, if SI will fail to start the work in mentioned time frame, then CREDA has whole desecration power to cancel the work order fully or partially.

xi All the related works like preparation of site clearance certificate, geo-tagged photograph of proposed site shall also be uploaded online in Solar High mast Web Portal by SI.

c. All the materials required for the installation of Solar High Mast System as per Work Order issued shall be kept at site in the custody of the SI. CREDA shall not be responsible for any loss or damage of any material during the installation.

d. All the electrical works should be done as per various provisions of Indian Electricity Act. The persons engaged for carrying out electrical works must have a valid B-class electrical license or above issued by licensing board of Chhattisgarh.

e. After work is started, CREDA may carry out inspections at various stages at its discretion.

f. After installation, joint inspection shall be done in presence of SI and CREDA. After successful commissioning of Solar High Mast and its approval from CREDA, a JCC shall be signed and the necessary documents shall be forwarded for payments as per the guidelines and procedures of CREDA.

5. VARIATIONS, ADDITIONS & OMMISSIONS –

CREDA shall have the right to alter, amend, omit, split or otherwise vary the quantum of work, by notice in writing to the SI. The eligible SI shall carry out such variation in accordance with the rates specified in the contract so far as they may apply and where such rates are not available; those shall be mutually agreed between CREDA and the eligible SI.

6. INSPECTION –

a. The Engineer-in-Charge or his authorized representative(s) shall be entitled at all reasonable times to inspect and supervise and test during supply, installation and commissioning. Such inspection shall not relieve the eligible SI from their obligations under this contract.

b. Material can be inspected before dispatch or in transit by the authorized representatives of CREDA at the factory/godown at the cost of the eligible SI, if desired by CREDA. Additionally, CREDA reserves the right to inspect the manufacturing unit in cases where the bidder and the manufacturer of the material are different entities. Furthermore, CREDA may also blacklist or debar the manufacturer in case of any manufacturing defect up to Three Year.

c. CREDA may undertake real time performance and quality test of randomly selected Solar High Mast System and components during the course of execution as per specifications and guidelines laid by CREDA to ensure quality and performance of Solar High Mast and components.

7. COMPLETION OF WORK –

a. If Funds are received from Central Government, then MNRE guidelines will be followed.

b. Time being the essence of contract, the installation of the Solar high Mast shall be completed within the time schedule prescribed in the Work order.

c. After finalizing of rates and successful bidder, approved rates along with draft agreement will be sent to all successful bidders for acceptance, they will have to

provide Acceptance within 10 days of issuance of draft agreement.

d. CREDA may issue "LETTER OF INTENT" (LOI) after execution of agreement, to those bidders who accept the approved rates. However, it depends upon the availability of work and fund thereof.
e. After issuance of "LOI", System integrator will start Survey for installation & Commissioning of Solar High Mast System and submit the site clearance certificate within the time schedule mentioned in LOI
f. Detailed Manner of execution is mentioned in Section-2, Clause 4 of this tender document.

8. ELIGIBLE SYSTEM INTEAGRATOR'S LIABILITY IN CASE OF DEFAULT-

CREDA, may, by written notice of default to the eligible SI, terminate the contract in circumstances detailed hereunder -

a. If in the opinion of the CREDA, the eligible SI fails to complete the Supply/ work within the time specified in the work order or within the period for which extension has been granted by CREDA to the eligible SI.
b. If in the opinion of CREDA, the eligible SI fails to comply with any of the provisions of this contract.
c. In the event of CREDA terminating the contract in whole or in part as provided in Para (a) above, CREDA reserves the right to engage another eligible SI or agency upon such terms and in such a manner as it may deem appropriate and the eligible SI shall be liable to CREDA for any additional costs or any losses caused to CREDA as may be required for the completion of erection of the Solar High Mast Systems and or for penalty as defined under this Bid document until such reasonable time as may be required for the final completion of the work. CREDA may debar such defaulter SI for up to Three Year from taking participation in taking part in all activities of CREDA.
d. In the event CREDA does not terminate the contract as provided in Para (a) the eligible SI shall continue the performance of the contract; in which case he shall be liable to CREDA for penalty for delay as set out in clause 15 of section 02 in this Bid document until the work is completed.

9. FORCE MAJEURE -

The eligible SI shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE such as of God, acts of public, enemy, acts of government, cyclone, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes provided that if SI shall submit delay notice with appropriate cause of delay to the CREDA in writing within **15 days** of force majeure. CREDA shall verify the facts and may grant such extension as facts justify. Delay in supply of any accessories of Solar High Mast Systems by the related vendors, to whom the bidder has placed order, shall also not be treated as force majeure.

10. REJECTION OF WORKS -

In the event of any of the material supplied/work done by the eligible SI is found defective in material or workman ship or otherwise not in conformity with the requirements of this contract specifications, CREDA shall either reject the material and/or work and advise the eligible SI to rectify the same. **CREDA may impose penalty for such rejection up to the 200% cost of the entire system. Habitual/repeated offenders shall be black listed/ debarred to participate in the any Bid/ Activity of CREDA up to three years.** The eligible SI on receipt of such notices shall rectify or replace the defective material and rectify the work free of cost. If the eligible SI fails to do so CREDA may -

a. At its option replace or rectify such defective materials and/or work and recover the extra cost so involved from the eligible SI plus **15%** service charges of the cost of such rectification, from the eligible SI and/ or terminate the contract for balance work/ supplies with enforcement of penalty **as stated above**.
b. Defective materials/workmanship will not be accepted under any conditions and shall be rejected outright without compensation. The eligible SI shall be liable for any loss/ damage sustained by CREDA due to defective work **with enforcement of penalty as stated above**.

11. EXTENSION OF THE TIME –

a. If the completion of installation is delayed due to any reason beyond the control of the eligible SI, the eligible SI shall without delay give information to the CREDA in writing of his claim for an extension of time. CREDA on receipt of such notice may or may not agree to extend the contract/scheduled completion date of the high mast system as may be reasonable but without prejudice to other terms and conditions of the contract.

b. Chief Executive officer of CREDA has full rights for unconditional time extensions.

12. MAKES OF EQUIPMENTS TO BE USED IN THE WORK –

a. The Solar Modules, Luminary, Battery, Charge Controller & Other BOS should be as per BIS/IEC/CE/IES standards.

b. The eligible SI has to ensure that equipment's as per Technical Requirements of guidelines of CREDA complied with. The material/works for which CREDA/MNRE or BIS or ISI specification is not available, engineer-in-charge of the works will examine and approve the material/works, preferably of all makes on which CREDA has report of satisfactory performance.

c. Manufacturer Authorization Form (MAF) on with manufacturer's letter head of Solar Modules/ Luminary/ Battery/ Charge Controller/Pole/Structure/Other BOS which the SI is intending to use in the installation shall be submitted at the time of sample submission and the same shall be submitted with technical bid also.

d. The SI shall ensure that all the major components of the Solar High Mast such as SPV Modules, Luminary, Battery, charge Controller and Pole are procured from registered vendors of CREDA of respective components.

13. WARRANTEE, WARRANTEE PERIOD AND POST INSTALLATION SERVICES –

a. The work done/material supplied by the eligible bidder/OEM shall provide comprehensive onsite warranty for supplied equipment/material including Pole, Structure, Luminary, Battery, charge Controller and other balance of equipment's, at least for a period of **05 (five) years,** from the date of successful commissioning and acceptance by the purchaser. of the Solar High Mast Systems including other works as per scope of work. During the warranty period, the Bidder/OEM shall, at its own cost and risk, repair, rectify or replace any defective equipment, component or part at the installation site without any additional financial implication to the Purchaser, in accordance with the standard warranty terms and conditions of the OEM.

b. The decision of the Technical Committee of CREDA in respect of warranty claims, defects, repair/replacement requirements and interpretation of warranty provisions shall be final and binding on all bidders.

c. Failure to comply with the warranty obligations and directions of CREDA may attract penal action, including forfeiture of EMD and blacklisting/debarment of the bidder, as per the applicable provisions of the tender document.

d. Warrantee on SPV Modules shall be for **10 (ten) years** from the date of commissioning of the Solar High Mast Systems must be warranted for their output peak watt capacity, which should not be less than **90%** at the end of **10 years** and not less than **80%** at the end of **25 years**.

e. The above warrantee certificates shall be furnished to the CREDA for approval. Any defect noticed during this period should be rectified by the supplier free of cost upon written notice from CREDA provided such defects may be due to bad workmanship or bad materials used.

f. The warrantee period shall be extended by the period during which the system remains non-operative due to reasons within control of the eligible SI.

g. This warrantee must be an onsite warrantee and the eligible SI will have to replace the defective material within **7 days** positively from the date of information given to him by CREDA.

h. SI shall have to establish their service stations in block level and shall have to keep sufficient quantity of spares and man power to ensure proper service network for taking care of smooth functioning of Solar High Mast Systems installed by them.

14. TERMS OF PAYMENT –

The following terms of payment shall apply for the Bid -

a. 90% of the cost of the work order value with including full GST after successful commissioning of the Solar High Mast at the site and submission of JCC in hard copy as per availability of fund.

b. Balance 10% of the eligible payment excluding GST shall be retained by CREDA as security Deposit for a period of **60 Months** from the date of commissioning.

15. PENALTY FOR DELAY IN COMPLETION OF CONTRACT –

a. If the eligible SI fails to complete the assigned work within the schedule time specified in the Work Order or any extension granted there to, CREDA will recover from the SI as penalty **0.5 % per week up to Two percent (2%)** per month, of the system price excluding GST for every delayed system. For this purpose, the date of taking over shall be reckoned as the date of completion. The total penalty shall not exceed **5% (Five Percent)** of the cost. The eligible SI shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE. Additionally, CREDA reserves the right to black list or debar such System integrator to participate in any Bids/Activity of CREDA up to Three Year due to delay in work.

b. Review of the progress of installation of Solar High Mast allocated to bidders shall be done time to time by CREDA and if the progress of installation is found unsatisfactory, the allocation of entire remaining uninstalled system or their part of can be re-allocated to other SI as per discretion of CREDA.

16. PERFORMANCE SECURITY (PS) –

a. The Earnest Money shall be retained by CREDA up to the validity of tender after agreement is done to execute all the works referred to in the Bid documents upon the terms and conditions contained or referred to therein and to carry out such deviations as may be required by CREDA.

b. Beside this 10**%** of the cost shall also be retained as SD during the five years of warrantee period. No interest shall be payable on the Security Deposit.

c. Period for which SD are to be retained may be extended in case the warrantee period is extended due to non-performance of the system.

d. All costs of damages and delays for which the eligible SI is liable to the CREDA will be deducted from any money due to the eligible SI including the security deposit of any project under CREDA.

17. INSURANCE –

The eligible Bidder shall arrange insurance coverage for the materials and Solar High Mast System at his/ beneficiary's custody for the work under execution and successful commissioning and subsequent handover to the beneficiary. The eligible Bidder shall take up insurance or such other measures for the manpower so as to cover the claim for damage/accident under workmen's compensation Act and other applicable State/Central laws. CREDA shall not bear any responsibility on this account.

18. PENALTY DUE FROM THE ELIGIBLE BIDDER –

All costs of damages and delays for which the eligible Bidder is liable to the CREDA will be deducted from any money due to the eligible Bidder including the security deposit and other pending payments of any project under CREDA. Additionally, CREDA reserves the right to blacklist or debar such a bidder from participating in future projects or activities of CREDA for up to Three year.

19. RESPONSIBILITY OF ELIGIBLE BIDDER-

Notwithstanding anything mentioned in the specifications of subsequent approval or acceptance of the Solar High Mast System by CREDA, if any, the ultimate responsibility for satisfactory performance of the entrusted work shall rest with the eligible Bidder. If in any case the eligible Bidder does not complete the work as per the work orders issued to them then CREDA may take over the task & complete the project at the risk and cost of eligible Bidder.

20. RESPONSIBILITY TO RECTIFY THE LOSS AND DAMAGE -

If any loss or damage occurs to the work or any part thereof or materials/ system/equipment's for incorporation therein the period for which the Bidder is responsible for the cause thereof or from any cause whatsoever, the eligible Bidder shall at his own cost rectify/replace such loss or damage, so that the permanent work confirms in every respect with the provision of the contract to the satisfaction of the Engineer. The eligible Bidder shall also be liable for any loss or damage to the work/equipment's occasioned by him in course of any operation carried out to him during performing the contract.

21. RESPONSIBILITY TOWARDS THE WORKMAN OR OUT SIDERS -

a. The eligible Bidder shall have to take insurance coverage from any authorized Insurance Company against Workmen compensation due under Workmen Compensation Act.

b. The eligible Bidder shall ensure all safety measures during execution and repairs of the work. CREDA, will, in no case be responsible for any accident fatal or non-fatal, caused to any workman or outsider in course of transport or execution or repairs of work.

c. All the expenditure including treatment or compensation will be entirely borne by the SIs. The eligible Bidder shall also be responsible for any claims of the workers including labour payment PF accidental insurance, Gratuity, ESI & other legal obligations.

d. CREDA shall have all rights to deduct such claims of payments from Bidder in case of complaints of such violations.

22. NON-ASSIGNMENTS–

a. The Eligible bidder may be permitted subletting / sub-contracting up to a maximum of 25 percent of the work allocated under the tender. But this arrangement shall be subject to the permission of CREDA and the prescribed conditions. Even after sub-contracting, the sub-contracted unit along with the original bidder shall be jointly responsible for quality of work, timely completion and all contractual obligations.

b. The eligible bidder shall not assign or transfer the work orders issued as per this contract or any part thereof without the prior approval of CREDA.

c. If eligible bidder transfer/assign/sublet (as per sublet policy of CREDA) in full or any part of work allocated to him without prior permission from CREDA in written to any third party shall be liable to be debarred/black listed from any bid/activity of CREDA till further orders.

d. Bidders are advised to refer sublet policy of CREDA from CREDA website.

23. CERTIFICATES NOT TO AFFECT RIGHTS OF CREDA -

The issuance of any certificate by CREDA or any extension of time granted by CREDA shall not prejudice the rights of CREDA in terms of the contract nor shall they relieve the eligible Bidder of his obligations for due performance of the contract.

24. SETTLEMENT OF DISPUTES THROUGH ARBITRATION -

a. Except as otherwise specifically provided in the contract, all disputes concerning questions of fact arising under the contract shall be decided by the Chief Executive Officer (CEO), CREDA provided a written appeal by the eligible bidder is made to CREDA. The decision of the CEO, CREDA shall be final and binding to the all concerns.

b. Any dispute or difference including those considered as such by only of the parties arising out of or in connection with the contract shall be to the extent possible be settled amicably between the parties. If amicable settlement cannot be reached then all disputed issues shall be settled by arbitration.

25. LAWS GOVERNING CONTRACT -

The contract shall be constituted according to and subject to the Laws of India and jurisdiction of the High Court of Bilaspur, Chhattisgarh.

26. LANGUAGE AND MEASURES -

All documents pertaining to the Contract including specifications, schedules, notice correspondences, operating and maintenance instructions, drawings or any other writings shall be written in English /Hindi language. The metric system of measurement shall be used in this contract.

27. CORRESPONDENCE -

a. Any notice to the eligible SI under the terms of the contract shall be served by registered mail to the registered office of the eligible Bidder or by hand to the authorized local representative of the eligible SI and copy by post to the eligible Bidder's principal place of business.

b. Any notice to CREDA shall be served to the Chief Engineer, CREDA Raipur in the same manner.

28. SECRECY -

The eligible Bidder shall treat the details of the specifications and other documents as private and confidential and they shall not be reproduced without written authorization from CREDA.

29. AGREEMENT -

The successful eligible Bidder shall have to enter into an agreement with the CREDA in the approved contract agreement form within **10 days** of the receipt of call from CREDA.

30. DECLARATION OF CONFLICT OF INTEREST -

a. Any regular employee working or worked on basis of contract or through placement agency cannot work directly or indirectly in any scheme of CREDA. If such a person is found working with any Bidder or through sublet then, such Bidder shall be blacklisted upto three years.

b. The bidder shall not be permitted to Bid for this Tender, if any relative of bidder is employee of CREDA working as regular employee or work on the basis of contract or through placement agency.

Note: - By the term near relatives are meant Wife, Husband, Parents and son, Brother, Sister, Brother-in-law, Father-in-law, and Mother-in-law etc.

c. Bidder must produce an affidavit (Annexure-III) stating the names of retired/removed employee of CREDA (if any) in his employment who retired /removed within last two years, if in case there is no such person in his employment, his affidavit should clearly state this fact. This affidavit is mandatory, if it is not produced along with the bid, the bid shall be rejected.

31. BID EVALUATION CRITERIA-

a. Offers of only those parties, who are found qualified based on Eligibility Criteria and Technical Bid, will be taken into further consideration and financial bid of only those parties who are qualifying the criteria of Technical Bid will be opened.

b. Other things being equal, the lowest rates shall normally be preferred, but CREDA shall have rights and liberty to amend/lower the rates.

c. CREDA shall have rights and liberty to call any /other parties who are technically qualified but not accepted to work on approved rates, as and when required in accordance with quantum of work and scheduled time limits for completion of targets.

32. EVALUTION OF PRICE BID -

a) Price bid shall be evaluated on the basis of quoted rates. L1 rate i.e. lowest rate of total of Supply and installation, commissioning & CMC with GST cost of Solar High Mast System shall be considered, however CREDA shall have discretionary power to amend/lower the rates.

b) **Conditional Bids shall not be accepted.**

c) The L-1(lowest) rate shall be determined on the basis of financial evaluation. The L-1 bidder shall be assured a minimum allocation of 25% of the total executable quantity, subject to fulfilment of the prescribed technical requirements, work execution capacity and other terms and condition of tender.

d) Technically qualified bidder quoting rate up to a maximum of 15% above the L-1 rate (L-1 + 15%) may also be considered for allocation of work after contract/ agreement However, Work allocation to such bidders shall be considered only after obtaining their written consent to execute the work at the L-1 rate.

e) Merely falling within the prescribed 15% upper limit shall not confer any automatic right to work allocation upon any bidder, nor shall it be mandatory to allocate work to all such bidders. The decision regarding work allocation shall be taken on the basis of work availability, the technical capacity of the concerned agency, past performance, available resources, regional requirements and the possibility of timely execution.

33. ALLOCATION OF TARGETS AND AREA OF WORK –

a. Preference shall be given to L1 Bidder in allocation of work and if required, CREDA reserves the right to negotiate with Lowest Rate" L1" bidder before finalization of the Approved Rate.
b. in addition to the minimum work allocation prescribed for the L-1 bidder, CREDA may allocate work to other eligible bidder as well, depending upon requirements and justification. In this regard, the Chief Executive Officer, CREDA, shall have the authority to allocate additional work in accordance with administrative and operational requirements, so that effective and timely implementation of work is not hindered.
c. The allocations may depends upon the availability of work and fund thereof.
d. Additionally, the allocation of works to bidders, including L1 bidder shall be subject to their past performance in the schemes of CREDA. CREDA reserves the right to amend the allocations to bidders based on this criterion.
e. Increase or decrease allocations shall be decided at the sole discretion of CREDA, which shall be final, binding and conclusive on the bidders.
f. Allocation can be further extended or curtailed as per discretion of CREDA, in interest of expeditious work completion.
g. CREDA reserves all rights for allocation of works and the decision of CEO, CREDA shall be final and binding.
h. Review of the progress of installation of SHM System allocated to SIs shall be done time to time by CREDA and if the progress of installation is found unsatisfactory, the allocation of entire remaining uninstalled System or their part of can be re-allocated to other SI as per discretion of CREDA.

34. BID REJECTION –

If financial bid of a Bidder has been opened on the basis of technical bid of a bidder which has been determined to be substantially responsive to the bidding document and in latter stage it is found that bidder does not meet the eligibility criteria or the technical bid is found substantially non-responsive, CREDA reserves rights to reject such bid of a bidder any time.

We (on behalf of Eligible SI/Bidder) have read all the above stated details & accept to comply with it in total.

(Name, Signature & Seal of the Bidder)

SECTION – 3

SCOPE OF WORK FOR SOLAR HIGH MAST

The scope in brief will be as follows-

1. Survey of Sites, designing, supply, installation & commissioning of Solar High Mast Systems including necessary civil work for construction of RCC Foundation and Pedestal as per design and specifications approved by CREDA, on turnkey basis. Bidder shall have to take approval of the engineering documents, Bill of Materials and samples from CREDA prior to commencement of the work. Five years onsite warrantee for manufacturing defects shall be required for each of the system after successful commissioning and proper handing over.

2. The scope of work shall also include the followings:
   - **a.** Survey of Sites, Submission of site clearance certificate (Off-line & On-line mode) where the Solar High Mast Systems are to be installed. A layout plan of the site should also be submitted clearly indicating the identified location for installation of SPV Modules, Structures and other components shall be installed. Work order shall be issued only after receipt of satisfactory reports suitable for system installation. SI shall furnish all necessary information to beneficiary for Solar High Mast System Warrantee, Do & Don'ts etc. so as to avoid further misunderstandings and disputes.
   - **b.** Detailed planning of time bound smooth execution of project.
   - **c.** Design, supply, installation & commissioning of Solar High Mast System of required capacities as per design and specifications approved by CREDA, on turnkey basis.
   - **d.** The SI has to upload the GEO-Tagged Photograph's of systems in various stages –
     - Before Excavation,
     - After Excavation with PCC. (As per Drawing)
     - Base with Column Rod for Foundation. (As per Drawing)
     - RCC Column without refilling. (As per Drawing)
     - Decorative Pedestal. (As per Drawing)
     - Earthing pit with Earthing connectivity of system with pole.
     - Solar High Mast Commissioning at Night, etc.
   - **e.** Warrantee Card to beneficiary / CREDA.
   - **f.** SI shall have to submit JCCs (Off-line & On-line mode) within 15 days of Installation and Commissioning of Solar High Mast System in District Office of CREDA in the format which is uploaded in Solar High Mast Web Portal with complete all necessary information & Signature.
   - **g.** Providing Prompt Service Facilities to customers/ beneficiaries.
   - **h.** Risk liability of all personnel associated with implementation and realization of the project.
   - **i.** Training of at least two persons nominated by user, on the various aspects of design and maintenance of the offered system after commissioning of the system.
   - **j.** The eligible SI shall maintain sufficient inventory of the spares to ensure that the system can be made functional within 07 days from the communication of breakdown of the system during currency of the warrantee period. If in case, the concerned SI fails to rectify the defects or replace the non-functional component of the system, CREDA reserves the rights to make the system functional through any other eligible SI and the cost of the same will be borne from the SD/Performance Security deposited in CREDA of the concerned SI.
   - **k.** The contractor shall run the system on trial basis and shall closely monitor the performance of the system before handing over the system, so that the assured annual power generation can be estimated for monitoring of the performance of the system.

l. A separate sign board must be affixed with proper clamping in the Solar high Mast Pole. The matter for sign board must be approved by CREDA District/Zonal office before installation.

m. The System Integrator (SI) will strictly implement all statutory health and safety measures during civil works and the installation of poles, Mounting Structures (MMS), batteries, luminaries, and BOS materials. Due to lack of implementation of safety measures, if any Accident happens and financial obligations rises for the same, the System Integrator (SI) is solely responsible.

n. Solar high mast System should install without affect/Damage in any constructed building/ monument/ Platform or any religious place etc., if there is a possibility, then prior Permission is required for the same from competent authority.

o. Performance Guarantee Test: Successful performance guarantee test to demonstrate the rated capacity of Solar High Mast System as per CREDA's norms shall have to be conducted by SI in presence of representatives of CREDA, if required.

SECTION – 4

A. SPECIFICATION FOR SOLAR HIGH MAST SYSTEMS 9M/1200Wp

WHITE-LED (W-LED) BASED SOLAR HIGH MAST SYSTEMS

A solar photovoltaic High Mast System (SHM) is an outdoor lighting unit used for illuminating an open area. The Solar High Mast System consists of a solar photovoltaic (SPV) Module, LiFePo4 storage battery, LED Luminary with Controls & BMS. Electricity generated by the PV module charges the battery during the day time which powers the luminary from dusk to dawn. The system lights at dusk and switches off at dawn automatically. The Solar High Mast System should be an integrated system.

The SPV DCR Module should be of capacity minimum 1200Wp (minimum 200WpX6nos) with minimum 19% Module Efficiency. Solar PV Mono Crystalline Module manufacturers will be enlisted under ALMM (Approved List of Models and Manufacturers). The battery bank should be of LiFePo4 storage batteries as per MNRE with control electronics, BMS, inter-connecting wires/cables properly sealed. The luminary is based on White Light Emitting Diode (W-LED), a solid state device which emits light when electric current passes through it. The PV module is placed at the top of the pole so that it receives solar radiation throughout the day, without any shadow falling on it. Electronic Efficiency of the system should be minimum 90% with duty cycle dusk to dawn with Autonomy of 2 days or Minimum 24 operating hours per permissible Discharge.

SPV Module, battery bank & luminary should be mounted on a suitable mounting structure in such a way that it can be lowered or elevated through a winch of suitable size. The winch system (including pulley, locking arrangement and wire rope of suitable size) is required for lowering & elevating the modules, battery & luminaries, through a mounting structure around a pole including hardware.

1. DETAILED SPECIFICATIONS

S. No.	Particulars	Capacity/ Model
1	SPV Modules	DCR Module Minimum 1200Wp under STC (Minimum 200WpX6nos) (strictly as per IS 14286 & IS/IEC 61730 (Part 1 & 2))
2	Minimum Battery	LiFePo4 Batteries – Minimum 80Ah at 12.8V x 06 Nos for 09 Meter in a suitable weather resistant enclosures and sophisticated designed battery management system (appropriate over charging, over heating deep discharge protection) without paralleling battery bank. Battery & BMS should be in IP-65 enclosur Box with the arrangement of proper ventilation but arrangement of prevention of insects. (Strictly as per IS 16046 and IS 16270)
3	Light Source	White Light Emitting Diode 30W x 06 nos. for 9M Solar High Mast Total System Wattage (Luminary Wattage) of each luminary should be maximum 30W DC operated confirming to lP65. The Luminary Luminous efficacy should be ≥ 140 lm/W (as per LM 80 data eith TM-21 projection) (Approved method for measuring lumen maintenance of LED light Source and LED lumen depreciation time to L70) Test report for same should be submit. CCT 5500 – 6500 K, CRI Minimum 70 & LED wattage minimum 01W. The Luminous flux should be ≥ 4200 lumens ≤ 30 Watt & Luminary Must be tested LM-79 / IS 16106 certified from MNRE/NABL accredited Lab. The color temperature of White LED used in the system should be in the range of 5500K-6500K CRI ≥ 70, optic suited to 9M mounting. LEDs should not emit ultraviolet light. The led luminary should be tested for electrical, photometry and color parameter **as per IS: 10322-part 5 Section 3 and IS 16107 (part 2/sec1)**
4	Diming Profile	Adaptive diming when battery SoC fall below 30%
Note- All above Four components should be in the form of a semi-integrated unit.		

Pole, Accessories and Foundation

S.N.	Particulars	Capacity/ Model
5	Pole	9 meter long, 20 sided polygonal raising lowering mast in two sections, which should be telescopically joined together with a minimum overlap of 500 mm. The dimensions of two sections should be as follows: (a)- Lower section_ bottom dia 420 mmA/F & top dia.286 mm A/F (b)- Top section _ bottom dia. 304 mm A/F & top dia 200 mm A/F. Thickness of section should be 3mm. Mast must be hot dip galvanized. Mast design should be suitable for basic wind speed 50 m/sec complete with head frame, Luminaries carriage suitable to install 6 nos. Luminaries, Solar Panels & battery on the top of the mast. There should be provision to install the type tested Winch inside the mast for raising & lowering of complete solar lighting system. The Solar High Mast should have a designed life of 25 years. **Bidder must submit a design checked against IS 875 (Part3) and IS 800**
6	Material Construction	S 355 grade as per BS- EN10 025
7	Standard for of galvanization	As per BS EN ISO 1461 minimum 80 Micron
8	Size of opening and door at base (MM)	Min. 600 x 300 mm. The Winch will be operated after opening this mast door for maintenance work / Cleaning of solar panels. Locking arrangement should be provided in the access door to prevent theft & safety
9	Diameter of base plate (MM) – Thickness of base plate (MM)	580 mm 20 mm
10	Lighting Protection Finial	G I Single Spike of length 1200 mm
11	Trailing Cable	Interconnection cable Copper Conductor, 1 Core, 4 sq mm Insulation – ERP insulated PCP sheathed All wiring should be in a proper conduit or capping case with proper cable tie. Wire should not be hanging loose.
12	WINCH / POWER TOOL	Mechanical device/arrangement to be provided to withstand the complete load of the luminary, PV Modules, Battery during raising lowering of the lighting system for Panel cleaning in every week fort night.
13	Battery Box	The size of batter box should be as per battery size providing minimum clearance 25mm on all sides. The edges of box should be turned properly to give a smooth edge and good locking arrangement.
14	Stainless Steel Wire Rope	Wire rope of Grade AISI 316 grade, 7/19 construction, with two SS ropes continues 8 mm diameter and braking load capacity 2400 kg x 2. The breaking load test report obtained from govt. laboratory of the wire rope should justify the desired the breaking load capacity.
15	Number of foundation bolts – PCD of foundation bolts (MM) – Type – Diameter – Length of foundation bolts	6 nos. 500 mm TS 600 24 mm dia. Min. 950 mm long
16	Module Mounting structure	Hot dip galvanized 80 micron.
17	Complete Raising Lowering mast	The lighting design report of the solar raising lowering mast, Data sheet of mast, Type test report of winch & load test report of AISI 316 grade wire rope to be provided by the company for technical acceptance of the complete system.
18	Warranty	The complete Solar High Mast i.e. Flood lights, Battery, solar PV module & Pole should be warranted for a period of 5 years from the date of installation.
19	Foundation	RCC Foundation at least 1.95 M deep (single column of 900 mm x 900 mm x 2550 mm) Suitable for mounting of Pole on a pedestal of 0.6 M height (above GL) as per Drawing.

S.N.	Particulars	Capacity/ Model
20	Decorative Pedestal	900 mm x 900 mm x 600 mm
21	Earthing	Waterless and maintenance free earth electrodes, MS 16 mm copper bonded conductor embedded in electrically conductive concrete of size: Length 1.2 Mtr (63mm dia) (Earthing Electrod with Macronite / copper bonded Earthing electrode with Earthing Chemical), 05 years warranty from the date of installation.

2. Detailed Battery Specifications of Lithium Iron Phosphate Batteries (LFP)

a. The battery should be of minimum rating of 12.8V, 80Ah with minimum individual cell capacity of 3.2 V, 20 Ah. Battery Specifications will be as follows-

S.N.	Description/ Item	Specifications	Remarks
1	Battery Configuration	Minimum 12.8 V – 80 Ah	LiFePo4
2	Type of Cell	Cylindrical or Prismatic	
3	Nominal Capacity	80 Ah	
4	Nominal Voltage	12.8 V	
5	Voltage Range	10 V ~14.6 V	
6	Total Energy	1024 Wh	
7	Charging Current	18 A	Rated Charge Current
		20A	Maximum Charge current
8	Discharging Current	18 A	Rated Discharge current
		30A	Maximum discharge current
9	Discharge Cut-off Voltage	10V	
10	Weight	10kg +_ 1 Kg	Approx.
11	Cycle life	≥ 2000 Cycles	The cycle life is defined as the number of complete charge/ discharge cycles that the battery is able to support before that is capacity falls under 80 % of its original capacity; cycle life derived at 25 ^{0}C
12	Working Temperature Range	-20 ^{0}C ~ 60 ^{0}C; humidity ≤ 85%	While Discharging
		0 ^{0}C ~ 50 ^{0}C ; humidity ≤ 85 %	While Charging
13	Storage temperature Range	0 ^{0}C ~ 45 ^{0}C ;	1 Months
		0 ^{0}C ~ 35 ^{0}C ;	1-3 Months
		0 ^{0}C ~ 25 ^{0}C ;	3-12 Months

PCM Details

S. N.	Description	Parameters
1	Standard Charge/ Discharge Rate	18A
2	Max. Charge Current	20A
3	Over Charge cut off	14.6V
4	Deep Discharge Cut off	10V

b. The battery and CCU or other electronic components should be placed in a weather resistant IP box (Certificate needed) enclosure suitable for outdoor applications with the arrangements to protect circuits from insects and heat. Also, provision for Charging from Module and load output for Luminaries. The charging unit should have two indication – Green for charging and Red for fault, Fuse, ON/OFF switch

c. Cells should conform to latest BIS/International Standards. BIS/IEC/UN and CE certified cells should only be used.

d. Cells should have safety vent cap for releasing of excess internal cell pressure.

e. The max charge current should be 20A.

f. Solar Charge Controller should be as per MNRE specifications.

3. ELECTRONICS

a. Electronics should operate at 12V/24V/48V and should have adequate temperature compensation arrangement for proper charging of the battery throughout the year.

b. The voltage drop from module terminals to the Charge Controller unit (CCU) should not exceed 1.0 volts including the dropage across the diode and the cable when measured at maximum charging current.

c. Overall total Efficiency of the Electronics Should be minimum 90%. A Maximum power Point Tracker (MPPT) shall be integrated in the Street Light to maximize energy drawn from the module.

SOLAR CHARGE CONTROLLER UNIT

S.N.	Description/Item	Specification
1	Charge Controller Type	Maximum Power Point Tracking (MPPT) as per MNRE
2	Connection	Individual
3	Charging Current Rating	20A
4	Load Current Rating	15A
5	Solar Input Power	29.64V(VOC) and 24.14 V(VMP)
6	Idle Current (Self-Consumption)	<20mA
7	Efficiency	>90%
8	Temperature Compensation	3mV/°C
9	Indications	Green →Charging Under Process Red → Battery Low
10	Battery Voltage Settings	Boost Charging - 14.70V± 0.20V Float Charging - 14.00 V± 0.20V Battery Low Load Disconnect - 10.80V± 0.20V Load Reconnect - 12.60V± 0.20V
11	Protections	• Transient / Surge • Over Charging / Deep Discharge • Overload – Auto shutdown and restart • Solar and Battery Reverse Protection • Reverse Current from Battery at Night

4. SOLAR PHOTO VOLTAIC (SPV) MODULE –

a. **SPV** arrays contain DCR Solar Modules of capacity minimum 1200Wp (200WpX6nos.) The power output of individual PV modules used in the PV array, under STC. Use of PV modules with power output is preferred.

b. Modules supplied with the Solar High Mast systems shall have certificate as per IS14286/IEC 61215 specifications or equivalent National or International/ Standards. STC performance data supplied with the modules shall not be more than one year old.

c. Modules must qualify to IS/IEC 61730 Part I and II for safety qualification testing.

d. The minimum module efficiency should be minimum 19 percent and fill factor shall be more than 70 percent.

e. Modules must qualify to IEC TS 62804-1:2015 for the detection of potential-induced e-gradation.

f. The name plate shall conform the IS 14286/IEC61215

g. Module to Module wattage mismatch in the SPV array mismatch shall be within (±) 3 percent.

h. Variation in overall SPV array wattage from the specified wattages shall be within zero percent to +10 percent.

i. The PV Modules must be warranted for output wattage, which should not be less than 90% of the rated wattage at the end of 10 years and 80% of the rated wattage at the end of 25 years.

j. IDENTIFICATION AND TRACEABILITY –

Each PV module must use a RF identification tag (RFID), which must contain the following information: -

i Name of the manufacturer of PV Module
ii Name of the Manufacturer of Solar cells
iii Month and year of the manufacture (separately for solar cell and module)
iv Country of origin (separately for solar cells and module)
v I-V curve for the module
vi Peak Wattage, I_m, V_m and FF for the module
vii Unique Serial No and Model No of the module
viii Date and year of obtaining IEC PV module qualification certificate
ix Name of the test lab issuing IEC certificate
x Other relevant information on traceability of solar cells and module as per ISO 9000 series.

The RFID must be inside of module lamination. The module laminate, but must be able to withstand harsh environmental conditions. It must also have appropriate Barcode in it.

k. The panel should be supplied with CREDA Logo in the form of sticker on the back of SPV panel or duly laminated inside the glass of solar module with the remark "Manufactured for CREDA". Inter connections of solar modules should be through good quality male female joint. Name of manufacturer, Sl. No. of Module & manufacturing year should be clearly fixed inside the glass lamination of every module. Back label should be affixed behind every module which should clearly state the specifications & capacity of the module.

5. MODULE MOUNTING STRUCTURE (MMS)

a. MMS should be installed along with the hot dipped galvanized (minimum **80 microns**) module support structure for mounting of SPV modules on Mast at site. The panel frame structure should be capable of withstanding a minimum wind load of **50m/s.** per hour, after grouting and installation. MMS should be sturdy & designed to assist SPV Modules to render maximum output. The hardware (fasteners) used for installation of SPV Modules & MMS should be of suitable Stainless Steel (**SS 304**). Each MMS should be fixed on the top of Mast as per drawings. Each module should be fastener by four theft proof nut built.

b. Module Mounting Structures should have theft proof arrangements with the use of GI Steel C-channel along with the module support structure for locking arrangement of SPV modules for protecting them from theft. Its size should be with reference to the specifications of the SPV modules such that modules can comfortably slide in the channel while installation. It should not hide any portion of the photovoltaic circuit encapsulated in the lamination of the SPV module, there by un-affecting the efficiency & rating of the SPV modules. Anti-Theft Nut Bolts of SS (with washers of dia 25mm, 2mm thick) should also be used for better theft proofing along with "C" Channel MMS.

c. The general hardware for structure fitment should be either SS 304 or 8.8 grade. Modules should be locked with antitheft bolts of SS 304 Grade. Foundation should be as per drawing attached.

6. EARTHING ARRANGEMENT

a. Earthing Electrod with Macronite / Copper bonded Earthing electrode with Earthing Chemical, Earthing shall be provided for Solar High Mast System.

b. For safety purpose, it shall be ensured during installation that the earthing is capable of taking care of leakage current.

c. Earthing should be as per IS 3043.1987

7. USE OF COMPONENTS

It will be mandatory to use DCR solar modules. The Luminary, Battery, Charge controller and balance of system should also be manufactured indigenously. Any minor component which are not specifically included in the scope of supply but required for proper installation and efficient operation of the SPV system is to be provided by the bidder as per standards.

8. LIGHTNING ARRESTOR

Lightning Arrestor should be a separate unit and confirming to IEC 62561 – 1, 2 & 7 detailed as below:

IEC 62561–1– Lightning Protection System Component (LPSC) – Part 1 – Requirement for connection components.
IEC 62561– 2– Lightning Protection System Component (LPSC) – Part 2 – Requirement for conductors and earth electrodes.
IEC 62561–7– Lightning Protection System Component (LPSC) – Part 7 – Requirement for earthing enhancing compounds.

9. OPERATION AND MAINTENANCE MANUAL

An Operation and Maintenance Manual in Hindi should be provided with the Solar High Mast System. The Manual should have information about Solar Modules, Luminary, Battery, Charge Controller, electronics and switches. It should also have clear instructions about DO's and DONT's and on regular maintenance and Trouble Shooting of the system. Helpline number and Name and address of the Service Centre and contact number of authorized representatives to be contacted in case of failure or complaint should also be provided. A warranty card for the modules and the system should also be provided to the beneficiary.

SECTION-5

ANNEXURE, SPECIFICATION, FORMS

ANNEXURE – I

(EXPERIENCE CERTIFICATE ON THE OFFICIAL LETTER HEAD OF CONCERNED GOVERNMENT DEPARTMENT WITH SEAL AND SIGN BY AUTHORIZED SIGNATORY)

Ref. No.…….....……. Date……...……..

CERTIFICATE OF COMPLETION- SOLAR HIGH MAST

This is to certify that Name of Bidder, Address of Registered Office has successfully completed the work of design supply, installation & commissioned of ….....Numbers. Solar High Mast against various Sanction of Name of Agency at various locations in…….....……State, as per following details-

S.N.	Capacity of Solar High Mast	Year	Total no. of Solar High Mast	Remarks
1	Solar High Mast Watt-……. Meter-…….			
Total				

This workmanship and performance of the above installed systems are found satisfactory and are in successful operation.

Seal & Sign
(Authorised Signatory)

ANNEXURE-II

CONSORTIUM AGREEMENT

This Consortium Agreement executed on this ……. Day of …….. 2026

BETWEEN

M/S …….., a Company/Proprietorship Firm/Partnership Firm incorporate under the Law of companies Act 1956/2013 and having its registered/principal office at …….. (GST No…….) through its proprietor ……. S/o …….. (herein after called the "Partner-I"/ "Lead Partner" which expression shall include its successors, executors and permitted assigns)

AND

M/s …… a Company/Proprietorship Firm/ Partnership Firm under Firm (GST No. ……) and having its registered/principal office at …….. Through its Partner Mr. …….. S/o …… (herein after called the "Partner–II"/"Second Partner" which expression shall include its successors, executors and permitted assigns)

This Agreement is for the purposes of submission Bid as per the **Bid document no. 10799 Date 17.11.2026** and entering into a contract in case of award for the work of Survey, Design, Supply, Installation& Commissioning of Solar High Mast Systems with five years onsite warrantee, CMC anywhere in the state of Chhattisgarh.

AND WHEREAS as per Bid document, Consortium bids will also be considered by the Owner provided they meet the specific requirements in that regard.

NOW THIS INDENTURE WITNESSETH AS UNDER –

In consideration of the above premises and agreements all the partners to this Consortium do hereby now agree as follows:

1. We the partners in the Consortium hereby confirm that the name and style of the Consortium shall be **"…….. / ……"** "Consortium."
2. **FORMATION AND PRINCIPLE PLACE OF BUSINESS**

FORMATION –

The partner of the consortium do hereby form a Consortium pursuant to the laws of state of Chhattisgarh in order for the consortium to carry on the purposes for which provision is made herein.

PRINCIPAL PLACE OF BUSINESS –

The Consortium Partner shall maintain principal place of business at …….. The partners of the consortium may re-locate its office from time to time or have additional offices as the partners may determine

3. **PURPOSE OF THE CONSORTIUM –**

The object of the consortium to bid and perform Bid Document No 10799 Dated 17.11.2026 from CHHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY (CREDA) For Survey, Design, Supply, Installation & Commissioning of Solar High Mast Systems with Five Years onsite warrantee, CMC & Insurance anywhere in the state of Chhattisgarh and to deal with the same in any manner what so ever.

4. **TERM –**

The term of the consortium shall commence as of the date hereof and shall be terminated and dissolved upon the earliest to occur of (i) on mutual understanding of partners by executing separate agreement regarding dissolution of consortium (ii) the unanimous agreement of the partners (iii) the order of a court of competent jurisdiction (iv) Competition of the above mention Bid.

5. PERCENTAGE OF PARTICIPATION –

CONSORTIUM PARTNER	PARTNER	PERCENTAGE
1) M/S ……..	LEAD PARTNER (PARTNER-1)	……..
2) M/S ……..	OTHER PARTNER (PARTNER-2)	……..
TOTAL		

6. PARTICIPATION –

Both the partners have decided to perform the above mention work of CREDA in their above proportionate work.

7. The Lead Member is hereby authorized by the second Member of the Consortium to bind the Consortium and receive instructions for and on their behalf. For this purpose, second member will submit a duly signed Power of Attorney.

8. The lead partner of consortium will be solely responsible for any liability, penalty, CMC and other terms and conditions mentioned in this tender document.

9. The Lead Member shall be liable and responsible for ensuring the Solar High Mast and collective commitment of each of the members of the Consortium in discharging all of their respective obligations. Furthermore, lead member shall be liable for fulfilment of each term and conditions of the Bid of its part of the obligations without in any way limiting the scope of collective liability.

10. Subject to the terms of this Agreement, the all member shall be responsible for providing technical and financial support and responsible equally for execution of project as per agreement to be signed.

11. Both the Partners shall be jointly responsible for Project Management of works.

12. In case of any breach of the said Contract by any of the partners of the CONSORTIUM, we hereby agree to be fully responsible for the successful execution/performance of the Contract in accordance with the terms of the Contract.

13. Further, if the Owner suffered any loss or damage on account of any breach of the Contract or any shortfall in the completed equipment/ plant, meeting the guaranteed performance parameters as per the technical specifications/contract documents, the Lead Partner and Second Partner of these presents undertake to promptly make good such loss or damage caused to the Owner, on the Owner's demand without any demure.

14. The financial liability of the partners to this Consortium Agreement, to the Owner with respect to the any or all claims arising out of the performance or non-performance of the Contract shall, however be not limited in any way so as to restrict or limit the liabilities of either of the partner.

15. This Consortium Agreement shall be governed, construed and interpreted in accordance with Laws of India. Courts of Raipur (C.G.) shall have exclusive jurisdiction in all matters arising there under.

16. It is further agreed that this CONSORTIUM Agreement shall be irrevocable and shall form an integral part of the Contract and shall continue to be enforceable till the Owner discharges the same. It shall be effective on the date first above mentioned for all purposes and intents.

IN WITNESS WHEREOF, the partners to this Consortium agreement have, through their respective authorized representatives, have executed these presents and affixed their hands and common seal of their respective companies on the day, month and year first above mentioned.

FOR, M/s ……
(MR. ……)
Lead Partner/Partner-1
WITNESS -
1……..
2……..

FOR,M/s…….....……
(MR. ……..)
Other Partner/Partner-2
WITNESS –
1……..
2……..

ANNEXURE-III

FORMAT FOR THE AFFIDAVIT

(Note: This affidavit should be on a non-judicial stamp paper of Rs. 100/- and shall be attested by Magistrate/Sub-Judge/ Notary Public)

I,…….(Name of the bidder authorized representative of the bidder)son/ daughter of……resident of ---------- …… (Full address), aforesaid solemnly affirm and state as under:

1. I hereby certify that all the information furnished with the bid submitted in response to Tender/bid no. 10799/CREDA/SHM/2026-27 DATE- 17.11.2026 issued by Chhattisgarh State Renewable Energy Development Agency (CREDA) (authority inviting bids) Survey, Design, Supply, Installation and Commissioning of Solar High Mast system with 5 years comprehensive maintenance of Solar High Mast at different locations in Chhattisgarh state (name and identification of work) are true and correct.
2. I hereby certify that I have been authorized by..... (Company name) to sign on their behalf, the bid mentioned in Sr.No.1 above.*
3. Information furnished in the bidding documents is correct in all respects to the best of my knowledge and belief.
4. The near relations, as per clause 30 (b) in Section – 02, in CREDA, are not in employment of the firm/company. (Note:-By the term near relatives is meant Wife, Husband, Parents and Son, Brother, Sister, Brother–in-law, Father-in-law, Mother-in-law etc.) (if working mention the name/names)
   ……...
   ……...…….
5. The name of near relative (if any) as per Clause 30 (b) in Section – 02 who retired/removed within the last two years. (If None, clearly State None)
   ……..…
   …….
6. No near relative is working as Financial Accountant in the CREDA. (if working mention the name)
   …….
   ……...……..
7. No person is working in the company in any capacity, who are near relatives to any Officer in Chhattisgarh State Renewable Energy Development Agency (CREDA) (If working mention the name)
   ……..……
   ……...…….
8. Our company/firm/ or otherwise is not under the clarification of ineligibility for corrupt and fraudulent practices by the Central Government, the State Government or any public undertaking, autonomous body, authority by whatever name called under the Central or the State Government as mention in clause 1(f) in Section – 01 of tender document.

9. I hereby authorize the CREDA Officials to get all the documents verified from appropriate sources (s).

Deponent

Place: ……..

Date: ……

* Not applicable if the bidder is a Solar High Mast and is signing the bid on his own behalf.

Verification

I……. S/o……do here by affirm that contents stated in Para 1 to 09 above and contents submitted in technical & financial bid are true to the best or my knowledge and believe and are based on my/our record.

Verified that this date of …… at (Place)…….

Deponent

ANNEXURE – IV

STANDARDS FOR SOLAR HIGH MAST SYSTEMS

Component	Standard	Description
1. PV Module- Design	IEC 61215-1:2016	Terrestrial Photovoltaic (PV)modules- Design qualification and type approval- Part 1 : Test requirements
	IEC 61215-1-1:2016	Terrestrial Photovoltaic (PV) modules- Design qualification and type approval- Part 1-1 : Special requirements for testing of crystalline silicon photovoltaic (PV) modules
	IEC 61215-1-2:2016	Terrestrial Photovoltaic (PV) modules- Design qualification and type approval- Part 2: Test procedures
2. Module Testing	IEC 61701: 2011	Salt mist corrosion testing of photovoltaic (PV) modules, wherever applicable
3. PV Module Safety	IEC 61730-1:2016	Photovoltaic (PV) module safety qualification- Part 1: Requirements for construction
	IEC 61730-2:2016	Photovoltaic (PV) module safety qualification- Part 1: Requirements for testing
	UL 1703/ UL 61730	PV module safety standards
4. Junction Box/ Fuses/ Cut-Offs	IEC 62790: 2014	Junction boxes for Photovoltaic modules – Safety requirements and tests
	UL 2579	UL 2579: Low Voltage Fuses- Fuses for Photovoltaic systems, wherever required
5. Connectors	UL 4248-18	Fuse Holders- Part 18: Photovoltaic Systems
	IEC 62852: 2014	Connectors for DC-application in photovoltaic Systems- Safety requirement test
6. Battery	IP 65	Battery & BMS should be in IP-65 Enclosure Box with the arrangement of proper ventilation but arrangement for prevention of insects.
7. Wires, Cable and Cords	UL 1581	Reference Standard for Electrical Wire, Cables and Flexible Cords
	UL 4703	Photovoltaic Wire
8. Charge Controller MPPT	IEC60068-2 (1,2,14,30)/equivalent BIS Standard	Environment Testing

ANNEXURE – V

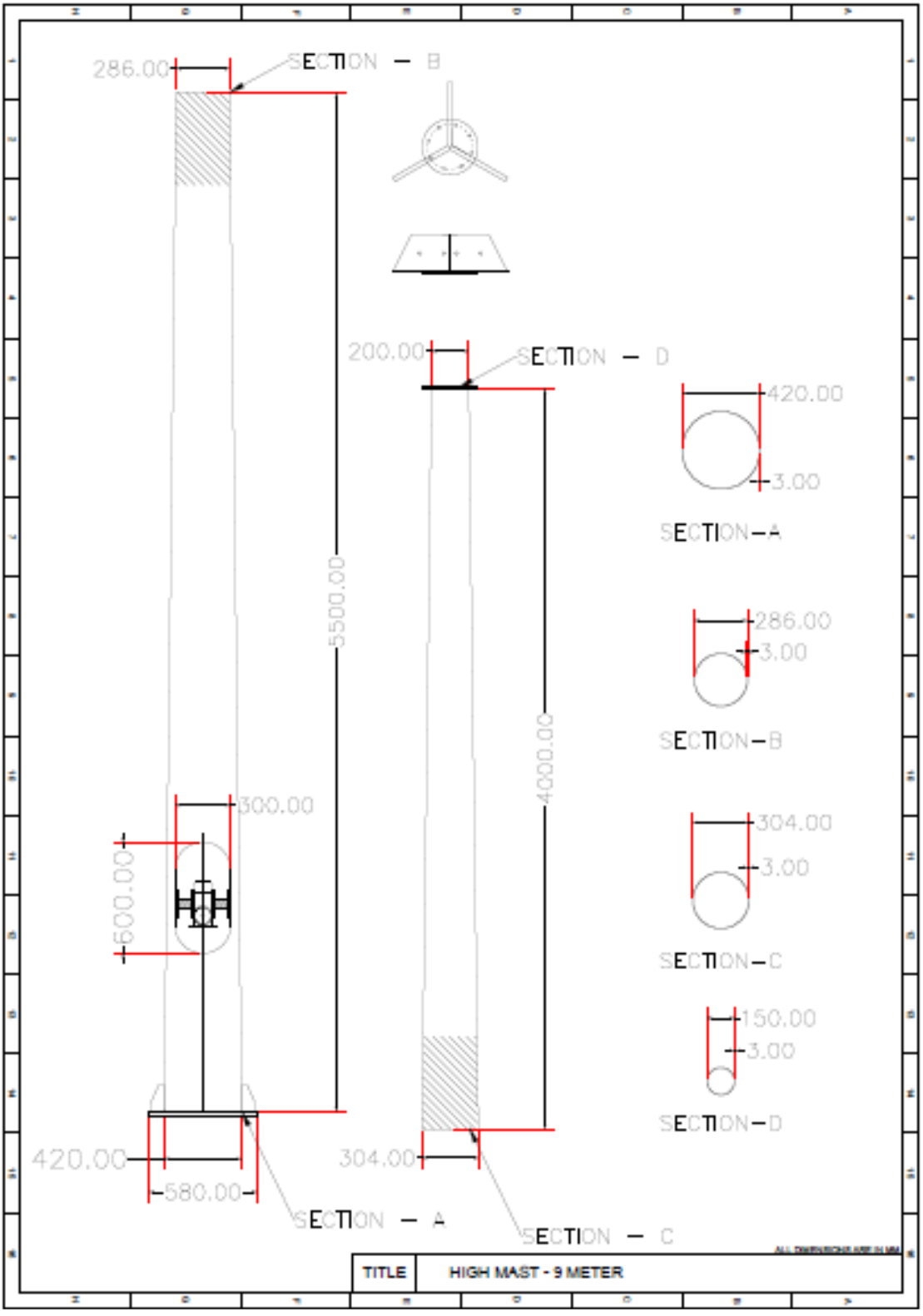
CREDA Logo to be pasted on SPV modules of Solar High Mast System



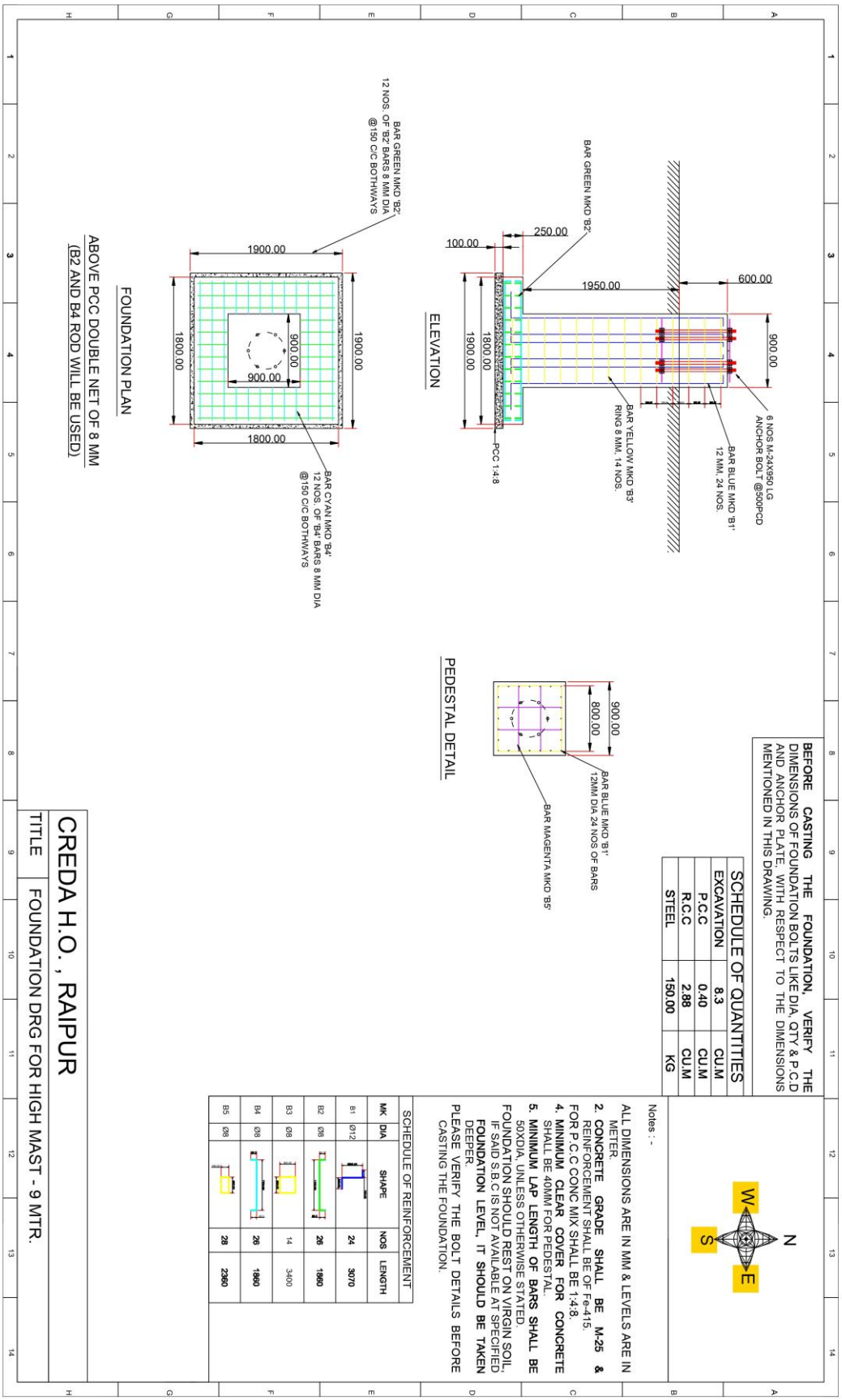
ANNEXURE –VI

A. Pole: For Solar High Mast of Cap. 9M/1200Wp:

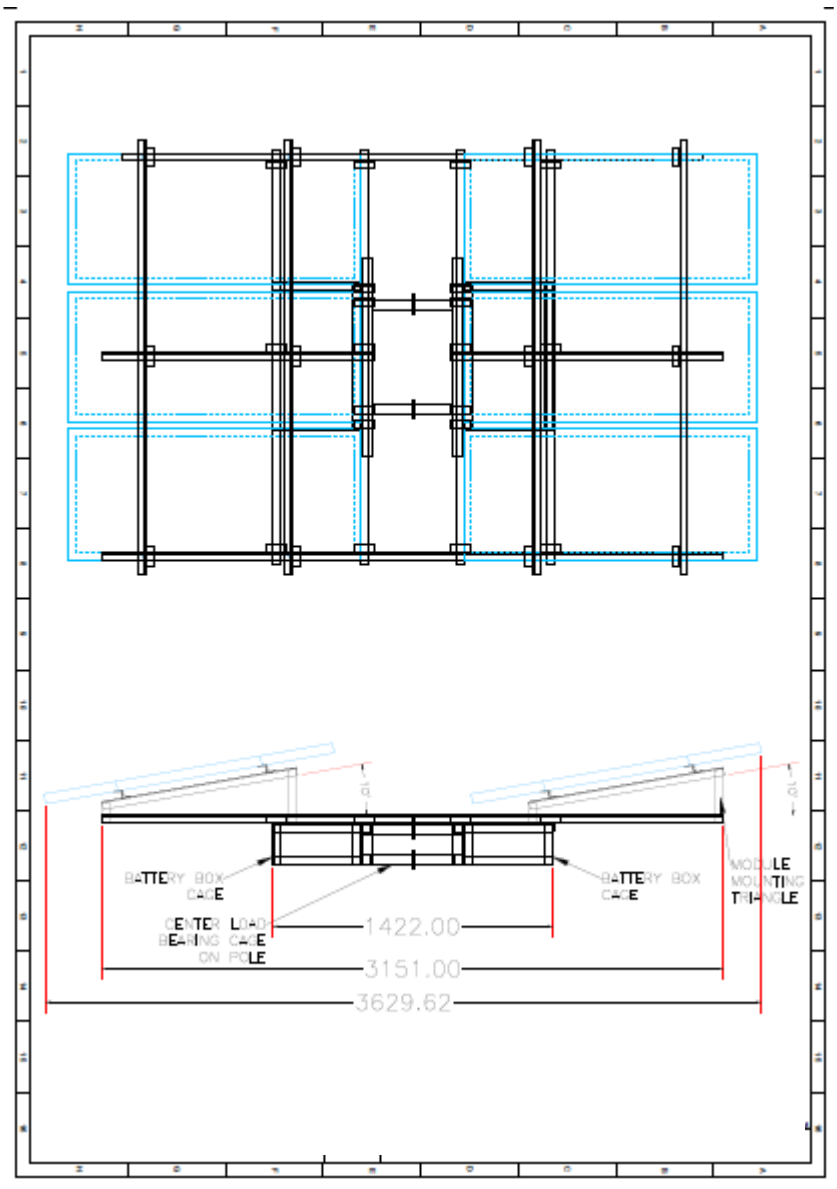
A-1



A-2


BEFORE CASTING THE FOUNDATION, VERIFY THE DIMENSIONS OF FOUNDATION BOLTS LIKE DIA, QTY & P.C.D AND ANCHOR PLATE WITH RESPECT TO THE DIMENSIONS MENTIONED IN THIS DRAWING.
SCHEDULE OF QUANTITIES
EXCAVATION 8.3 CU.M
P.C.C 0.40 CU.M
R.C.C 2.88 CU.M
STEEL 150.00 KG
Notes :-
ALL DIMENSIONS ARE IN MM & LEVELS ARE IN METER.
2. CONCRETE GRADE SHALL BE M-25 & REINFORCEMENT SHALL BE OF Fe-415.
FOR P.C.C CONC MIX SHALL BE 1:4:8.
4. MINIMUM CLEAR COVER FOR CONCRETE SHALL BE 40MM FOR PEDESTAL.
5. MINIMUM LAP LENGTH OF BARS SHALL BE 50XDIA, UNLESS OTHERWISE STATED
FOUNDATION SHOULD REST ON VIRGIN SOIL, IF SAID S.B.C IS NOT AVAILABLE AT SPECIFIED FOUNDATION LEVEL, IT SHOULD BE TAKEN DEEPER.
PLEASE VERIFY THE BOLT DETAILS BEFORE CASTING THE FOUNDATION.
W
N
S
E
SCHEDULE OF REINFORCEMENT
MK DIA SHAPE NOS LENGTH
B1 Ø12 24 3070
B2 Ø8 26 1860
B3 Ø8 14 3400
B4 Ø8 26 1860
B5 Ø8 28 2360
ELEVATION
BAR GREEN MKD 'B2'
250.00
100.00
1950.00
600.00
900.00
1900.00
1800.00
6 NOS M-24X950 LG ANCHOR BOLT @500PCD
BAR BLUE MKD 'B1' 12 MM, 24 NOS.
BAR YELLOW MKD 'B3' RING 8 MM, 14 NOS.
PCC 1:4:8
PEDESTAL DETAIL
900.00
800.00
BAR BLUE MKD 'B1' 12MM DIA 24 NOS OF BARS
BAR MAGENTA MKD 'B5'
FOUNDATION PLAN
ABOVE PCC DOUBLE NET OF 8 MM
(B2 AND B4 ROD WILL BE USED)
1900.00
1800.00
900.00
BAR GREEN MKD 'B2' 12 NOS. OF 'B2' BARS 8 MM DIA @150 C/C BOTHWAYS
BAR CYAN MKD 'B4' 12 NOS. OF 'B4' BARS 8 MM DIA @150 C/C BOTHWAYS
CREDA H.O., RAIPUR
TITLE
FOUNDATION DRG FOR HIGH MAST - 9 MTR.

A-3


BATTERY BOX CABLE
CENTER LOAD BEARING CABLE ON POLE
1422.00
BATTERY BOX CABLE
3151.00
3629.62

ANNEXURE – VII

e-Price Bid

Schedule of Rates for Solar High Mast Systems

(e-bidding as per Specifications & Scope of Work of Bid No. 10799/CREDA/ SHM/2026-27 Dated: 17.11.2026)

Rates for Design Supply, Survey, Installation and Commissioning of **Solar High Mast Systems with** anywhere in the State of Chhattisgarh as per Tender specification.

S.N.	Particulars	Rate for Supply, Installation and Commissioning & 05 Years CMC of Solar High Mast System with Solar Module, Luminary, Battery, Charge Controller, Pole, MMS Structure, LA, Earthing and other required BOS with Five years onsite warrantee (in Rs. Inclusive. GST)
1	**Solar High Mast of capacity 9M/1200Wp**	

Certified that rate quoted above are as per the requirement, specification and terms & condition mentioned in the bid document.

Above rates are FOR anywhere in the State of Chhattisgarh inclusive of roadworthy packing, loading, unloading, all types of incidental expenses, insurance, duties and any other job required to properly execute the work with 5 years warrantee, as mentioned in the Bid document. (Above rates applicable for Solar High Mast as per MNRE and CREDA Specifications stated in Bid document (Page 26-31).

(No other cost will be claimed other than above quotes price.)

Signature of the Authorized Signatory:.....

Seal of Company: .....

Date: .....

ANNEXURE – VIII

DRAFT AGREEMENT

CONTRACT AGREEMENT BETWEEN Chief Engineer Chhattisgarh State Renewable Energy Development Agency (**CREDA**) Raipur AND **M/s……** Represented by **……..** THIS CONTRACT AGREEMENT against Bid No. 10799/CREDA/ SHM/2026-27 Dated: 17.11.2026 (also referred to as "Service Contract") is made on the ..... day of Month 2026.

BETWEEN

(1) Chief Engineer Chhattisgarh State Renewable Energy Development Agency (**CREDA**) Raipur a society incorporated under the laws Society Registration Act 1973, (1973 , Sr. No. 44) (with amendment from time to time) and having its Registered Office at VIP Road Near Energy Education Park, Village- Fundhar, Raipur and (hereinafter called "The Employer" and also referred to as "CREDA")

And

(2) **……** Represented by **……** a company incorporated under the laws of Companies Act 1956/2013/ Partnership firm/ Proprietorship firm/Consortium **(**as applicable**,** with amendment from time to time) and having its Principal place of business at **……..** and Registered Office at**……**hereinafter called "The Contractor" and also referred to as "**……**"

Whereas the contractor has offered to enter into contract with the said CREDA for the Supply of Solar High Mast Systems and for installation, commissioning and comprehensive operation & maintenance of Solar Mast Systems with 5 Year Warranty.

Vide BID No. 10799/CREDA/ SHM/2026-27 Dated: 17.11.2026 on the terms and conditions herein contained and the rates approved by the CREDA (Letter No. …….. dated ……. annexed here to) have been duly accepted and whereas the necessary security deposit shall be furnished in accordance with the provisions of the Bid document and whereas no interest will be claimed on the security deposits.

Now these presents witness and it is hereby agreed and declared by and between parties to these presents as follows -

1) The Bidder shall, during the period of this contract, that is to say from ……. to ..... or completion thereof, until this Contract shall be determined by such notice as is hereinafter mentioned, safely carryout, by means of labours employed at his own expenses and by means of tools, implements and equipment etc. to be supplied by him to his labour at his own expenses, for installation of "**Solar High Mast Systems**" as described in Bid documents. (Annexed to the agreement).

2) The NIT (Notice Inviting Tender), Corrigendum to NIT, Notices, Bid documents (Qualifying, Technical and Financial), approved rates annexed hereto and such other additional particulars, undertaking, instructions, general conditions of contract, Scope of work, Technical specifications of Solar High Mast Systems and Annexure therein, engineering documents, detailed specifications of BOS & drawings, so far they relate to the Bid No. 10799/CREDA/SHM/2026-27 Dated: 17.11.2026 as may be found requisite to be given during execution of the work shall be deemed and taken to be an integral part of the contract and shall also be deemed to be included in the expression "The Agreement or "The Contract "wherever herein used.

3) The Bidder shall also supply the requisite number of workmen with means & materials as well as tools, appliances, machines, implements, vehicles for transportation, cartage etc. required for the proper execution of work within the time prescribed in the work orders and /or as per the tender conditions.

4) The Engineer in Charge or his authorized representative (s) shall be entitled at all reasonable times to inspect and supervise and test during installation and commissioning. Such inspection will not relieve the eligible Bidder from their obligations under this contract.

5) Material can be inspected before dispatch or in transit by the authorized representatives of CREDA at the factory at the cost of the eligible Bidder if desired by CREDA. CREDA reserves right to inspect the material at Godowns/Temporary Stores before dispatch and also at works sites. Additionally, CREDA reserves the right to inspect the manufacturing unit in cases where the bidder and the manufacturer of the material are different entities. Furthermore, CREDA may also blacklist or debar the manufacturer in case of any manufacturing defect upto Three Year.

6) CREDA shall deduct TDS for Income Tax, applicable cess on Civil Work etc. under various acts and deposited with the appropriate authority. Costs and taxes before execution of agreement with CREDA so as to ensure tax deposition as per Government Rules accordingly.

7) ELIGIBLE SYSTEM INTEAGRATOR'S LIABILITY IN CASE OF DEFAULT-

CREDA, may, by written notice of default to the eligible SI, terminate the contract in circumstances detailed hereunder -

a. If in the opinion of the CREDA, the eligible SI fails to complete the Supply/ work within the time specified in the work order or within the period for which extension has been granted by CREDA to the eligible SI.
b. If in the opinion of CREDA, the eligible SI fails to comply with any of the provisions of this contract.
c. In the event of CREDA terminating the contract in whole or in part as provided in Para (a) above, CREDA reserves the right to engage another eligible SI or agency upon such terms and in such a manner as it may deem appropriate and the eligible SI shall be liable to CREDA for any additional costs or any losses caused to CREDA as may be required for the completion of erection of the Solar High Mast Systems and or for penalty as defined under this Bid document until such reasonable time as may be required for the final completion of the work. CREDA may debar such defaulter SI for upto Three Year from taking participation in taking part in all activities of CREDA.
d. In the event CREDA does not terminate the contract as provided in Para (a) the eligible SI shall continue the performance of the contract; in which case he shall be liable to CREDA for penalty for delay as set out in clause 15 of section 02 in this Bid document until the work is completed.

8) FORCE MAJEURE -

The eligible SI shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE such as of God, acts of public, enemy, LWE problems, acts of government, cyclone, fires, floods, epidemics, quarantine restrictions, strikes, freight embargoes provided that if SI shall submit delay notice with appropriate cause of delay to the CREDA in writing within **15 days** of force majeure. CREDA shall verify the facts and may grant such extension as facts justify. Delay in supply of any accessories of Solar High Mast Systems by the related vendors, to whom the bidder has placed order, shall also not be treated as force majeure.

9) REJECTION OF WORKS -

In the event of any of the material supplied/work done by the eligible SI is found defective in material or workman ship or otherwise not in conformity with the requirements of this contract specifications, CREDA shall either reject the material and/or work and advise the eligible SI to rectify the same. **CREDA may impose penalty for such rejection up to the 200% cost of the entire system. Habitual/repeated offenders shall be black listed/ debarred to participate in the any Bid/ Activity of CREDA till further orders.** The eligible SI on receipt of such notices shall rectify or replace the

defective material and rectify the work free of cost. If the eligible SI fails to do so CREDA may -

a. At its option replace or rectify such defective materials and/or work and recover the extra cost so involved from the eligible SI plus **15%** service charges of the cost of such rectification, from the eligible SI and/ or terminate the contract for balance work/ supplies with enforcement of penalty **as stated above**.
b. Defective materials/workmanship will not be accepted under any conditions and shall be rejected outright without compensation. The eligible SI shall be liable for any loss/ damage sustained by CREDA due to defective work **with enforcement of penalty as stated above**.

10) EXTENSION OF THE TIME -

a. If the completion of installation is delayed due to any reason beyond the control of the eligible SI, the eligible SI shall without delay give information to the CREDA in writing of his claim for an extension of time. CREDA on receipt of such notice may or may not agree to extend the contract/delivery date of the high mast system as may be reasonable but without prejudice to other terms and conditions of the contract.
b. Chief Executive officer of CREDA has full rights for unconditional time extensions.

11) PENALTY FOR DELAY IN COMPLETION OF CONTRACT -

a) If the eligible SI fails to complete the assigned work within the schedule time specified in the Work Order or any extension granted there to, CREDA will recover from the SI as penalty **0.5 % per week up to Two percent (2%)** per month, of the system price excluding GST for every delayed system. For this purpose, the date of taking over shall be reckoned as the date of completion. The total penalty shall not exceed **5% (Five Percent)** of the cost. The eligible SI shall not be liable for any penalty for delay or for failure to perform the contract for reasons of FORCE MAJEURE. Additionally, CREDA reserves the right to black list or debar such System integrator to participate in any Bids/Activity of CREDA upto three Year due to delay in work.
b) Review of the progress of installation of Solar High Mast allocated to bidders shall be done time to time by CREDA and if the progress of installation is found unsatisfactory, the allocation of entire remaining uninstalled system or their part of can be re-allocated to other SI as per discretion of CREDA.

12) PENALTY DUE FROM THE ELIGIBLE SI -

All costs of damages and delays for which the eligible Bidder is liable to the CREDA will be deducted from any money due to the eligible Bidder including the security deposit and other pending payments of any project under CREDA. Additionally, CREDA reserves the right to blacklist or debar such a bidder from participating in future projects or activities of CREDA for upto Three year.

13) RESPONSIBILITY OF ELIGIBLE BIDDER-

Notwithstanding anything mentioned in the specifications of subsequent approval or acceptance of the Solar High Mast System by CREDA, if any, the ultimate responsibility for satisfactory performance of the entrusted work shall rest with the eligible Bidder. If in any case the eligible Bidder does not complete the work as per the work orders issued to them then CREDA may take over the task & complete the project at the risk and cost of eligible Bidder.

14) RESPONSIBILITY TO RECTIFY THE LOSS AND DAMAGE -

If any loss or damage occurs to the work or any part thereof or materials/ system/equipment's for incorporation therein the period for which the Bidder is responsible for the cause thereof or from any cause whatsoever, the eligible Bidder shall at his own cost rectify/replace such loss or damage, so that the permanent work confirms in every respect with the provision of the contract to the satisfaction of the Engineer. The eligible Bidder shall also be liable for any loss or damage to the work/equipment's occasioned by him in course of any operation carried out to him during performing the contract.

35. RESPONSIBILITY TOWARDS THE WORKMAN OR OUT SIDERS -

a. The eligible Bidder shall have to take insurance coverage from any authorized Insurance Company against Workmen compensation due under Workmen Compensation Act.

b. The eligible Bidder shall ensure all safety measures during execution and repairs of the work. CREDA, will, in no case be responsible for any accident fatal or non-fatal, caused to any workman or outsider in course of transport or execution or repairs of work.

c. All the expenditure including treatment or compensation will be entirely borne by the SIs. The eligible Bidder shall also be responsible for any claims of the workers including labour payment PF accidental insurance, Gratuity, ESI & other legal obligations.

d. CREDA shall have all rights to deduct such claims of payments from Bidder in case of complaints of such violations.

16) Contractor shall provide 05 years warranty in installed Solar High Mast Systems from the date of commissioning as per the terms & conditions prescribed in the Bid Document No. 10799/CREDA/SHM/2026-27 dated: 17.11.2026

17) **DECLARATION OF CONFLICT OF INTEREST -**

a. Any regular employee working or worked on basis of contract or through placement agency cannot work directly or indirectly in any scheme of CREDA. If such a person is found working with any Bidder or through sublet then, such Bidder shall be blacklisted upto three years.

b. The bidder shall not be permitted to Bid for this Tender, if any relative of bidder is employee of CREDA working as regular employee or work on the basis of contract or through placement agency.

Note: - By the term near relatives are meant Wife, Husband, Parents and son, Brother, Sister, Brother-in-law, Father-in-law, and Mother-in-law etc.

c. Bidder must produce an affidavit (Annexure-III) stating the names of retired/removed employee of CREDA (if any) in his employment who retired /removed within last two years, if in case there is no such person in his employment, his affidavit should clearly state this fact. This affidavit is mandatory, if it is not produced along with the bid, the bid shall be rejected.

18) The Bidder shall arrange insurance coverage for the materials and Solar High Mast System at his/beneficiary's custody for the work under execution and successful commissioning and subsequent handover to the beneficiary. The Bidder shall take up insurance or such other measures for the manpower so as to cover the claim for damage arising under workmen's compensation Act and other applicable State/ Central laws. CREDA shall not bear any responsibility on this account.

19) The Bidder shall abide by the terms and conditions, rules, guidelines, construction practices, safety precautions etc. stipulated in the Bid document including any correspondence between the contractor and the **CREDA** having bearing on execution of work and payments of work to be done under the contract.

20) The Bidder shall be responsible to follow all the laws including Workmen Compensation Act and all other laws in force & shall be responsible for all the obligations towards labour including EPF, ESI, etc.

21) All the taxes deductible at source as per Acts in vogue shall be recovered by **CREDA** and deposited with the appropriate authorities.

22) Bidder agrees to abide by any decision/instruction passed by the appropriate authority under Anti-profiteering rules notified by the state/central government under GST act.

23) Any dispute arising out of the contract shall be subject to the jurisdiction of Hon'ble High Court of Chhattisgarh.

"Herewith everything and anything contained in Bid Document No. 10799/CREDA/ SHM/2026-27 dated: 17.11.2026 is part of this agreement which has been dully signed by both bidder and authorised signatory of CREDA".

In witness whereof the parties present today has hereby entered into agreement.

Signed & sealed on behalf of the above
Named contractor **Signed on behalf of CREDA**
Name :
Designation :

Witness:

1. Name:-……..

Address:-……

.....

2.Name:-……

Address:-……

.....

ANNEXURE-IX

Ref. Bid Document No.:_____.

DECLARATION FOR USING SAME MAKE OF EQUIPMENTS AS PER THE TEST CERTIFICATE

From:

M/s_____
_____
_____
_____

Sub: Declaration for using same make of equipment's as per the test certificate

We are agreeing to accept that the same make of solar panels, Battery, Charge controller, Luminary for which the test report is to be submitted under this Bid to CREDA, is as per Guidelines and Procedures mentioned in the bid and will be supplied by us. We declare to procure the components mentioned above only from the Vendors registered with CREDA.

In case if some different make of solar panels, Battery, Charge controller, Luminary will be supplied during the implementation or CMC period, we will submit the test report for that particular make component(s). We also agree that such test reports shall be issued by the National Institute of Solar Energy and any other lab accredited by NABL for testing of SPV system as per MNRE specifications and testing procedure.

Name of Authorized Signatory

Signature of suppliers
(With stamp)

ANNEXURE- X

TENTATIVE PROCUREMENT SCHEDULE FOR ONE YEARS

S no	Work detail	Specification	Rate per nos (In Rs.)	Quantity (In Nos)	Tentative order Value (In Rs.)
1	Supply, installation, commissioning & 5 year CMC with GST of Solar High Mast System Capacity 09Mt. /1200Wp as per tender technical specification and terms & conditions	09Mtr./1200Wp	468000	1000	468000000

ANNEXURE-XI

CERTIFICATE OF QUARTERLY VISITS
(To be submitted by SI during CMC period)

(From ……. To ……)

This is to certified that we have extended preventive / routine maintenance and breakdown / corrective maintenance services for the solar High Mast system installed under Solar High Mast scheme as per Site list attached of District _____ and that the preventive / routine maintenance and breakdown /corrective maintenance work during the period (from _____ to_____) of the year _____ has been done properly to ensure functionality of the systems as specified in the Tender terms & conditions and agreement. This is also to certify that ..... nos of systems are working satisfactorily out of..... nos of total installed systems. The record of preventive / routine maintenance and breakdown / corrective maintenance work carried out by us is kept in our record at our service station.

Signature, Name, Designation and Seal of System Integrator

Date : ……
Place : ……

Signature, Name, Designation and Seal of District In-charge of CREDA

SCHEDULE - I

PART 'A': GENERAL INFORMATION

(Strike off whichever is not applicable. Separate sheets should be used, wherever necessary)

1.	Name & Address of the Bidder	:		
2.	Name & Address of the firm/Company etc.	:		
	a) Registered office	:		
	b) Factory/works address	:		
	c) Fax Number.	:		
	d) Telephone / Mobile Number	:		
	e) Email id	:		
3.	Confirm whether Bidder is Manufacturer	:	Yes/No	
4.	Only manufacturer to give following particulars			
	a) Address of factory	:		
	b) Year of starting manufacture	:		
	c) Whether same/similar materials Manufactured earlier (if yes, give reference)	:		
	d) Yearly/monthly production capacity	:		
	e) Maximum yearly production Achieved so far	:		
5.	Whether the firm is SSI Unit of Chhattisgarh State:	:	Yes/No	
	a) If yes, write registration No.	:		
	b) Whether documentary evidence Regarding registration enclosed	:		
	c) Items for registration	:		
	d) Period of registration	:		
	d) Whether latest copy Competency/ Certificate furnished	:	Yes/No	
6.	Whether the firm is 100% owned by			
	a) State Government	:	Yes/No	
	b) Central Government	:	Yes/No	
	If yes, Notification/certificate issued from The competent authority to this effect is Enclosed	:	Yes/No	
7.	a) Whether the bidder is old participant with CREDA	:	Yes/No	
	b) If yes, whether documentary Evidence is enclosed.	:	Yes/No	
8.	Any other information that bidder may like to give in order to Highlight his bid	:	If yes, give details	

PLACE :

DATE :

SIGNATURE OF BIDDER

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY SEAL

SCHEDULE - II

PART 'B' : COMMERCIAL INFORMATION

(Strike off, whichever is not applicable. Separate sheets should be used. Wherever necessary)

1.	i) Earnest Money Details	:	NEFT/RTGS/**Demand Draft/Pay Order** Payable to "CREDA",Raipur
	ii) Amount of E.M.D. & full details	:	.....
	Whether the offer is valid for 6 months From the date of opening of commercial/technical bid.	:	Yes/No
2.	Rate of Sales Tax on the date of bid (Exclusive in the rate quoted)	:	
4.	**DISCOUNT**:		
	a) Whether any rebate/discount is offered.	:	Yes/No
	b) If yes, whether the rebate is unconditional/conditional Rate/amount of rebate/discount	:	Yes/No
	c) If conditional State condition	:	Yes/No
5.	**PAYMENT TERMS**: Whether CREDA's terms of payment is acceptable to Bidder	:	Yes/No
6.	**COMPLETION PERIOD OF WORK**: Whether Bidder is agreeing for completion period of work as Specified in the tender	:	Yes/No
7.	**PENALTY CLAUSE**: Whether agreeable to CREDA's Penalty Clause	:	Yes/No
8.	Whether agreeable to CREDA's clause of warrantee period	:	Yes/No
9.	**SECURITY DEPOSIT**: Whether Security Deposit clause is understood	:	Yes/No
10.	Indicate State, Central Sales Tax Registration Number State	:	Yes/No
	Central	:	
	(Please Note that in case of non-registration with Commercial Tax, Department Purchase Tax as admissible shall be deducted by the Purchaser from the Bills of the supplier)		
11.	Please mention whether rates offered are Applicable for part quantities.	:	Yes/No

PLACE:

SIGNATURE OF BIDDER

DATE:

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY SEAL

SCHEDULE - III

PART 'C' : TECHNICAL INFORMATION

(Strike off whichever is not applicable. Separate sheets should be used. Wherever necessary)

1. Whether material offered is exactly as per technical specification : Yes/No

2. Whether the copies of completion certificate received during last 3 years : Yes/No

   from other State Nodal Agency or from other Organization for Solar High Mast systems or Solar Stand Alone Street Light Systems (if yes, give details) enclosed.

3. Whether pamphlets/technical details literatures along with drawing etc. furnished with the offer : Yes/No (if yes, give details)

4. Whether the Bidder agrees to furnish material test certificates in respect of chemical composition and physical properties from Govt./ Govt. approved lab with each batch of supplies. : Yes/No

5. Whether the Bidder has furnished details of manufacturing equipments and short history of plant : Yes/No (if yes, give details)

6. Whether details of manufacturing process furnished with offer. : Yes/No (if yes, give details)

7. a) Whether all testing facilities are available. : Yes/No
   If so, give details and in case of non-availability of facilities indicate Approved lab available in surrounding areas where tests are proposed to be conducted.

PLACE

DATE

SEAL

SIGNATURE OF BIDDER

NAME IN FULL
DESIGNATION/STATUS
FIRM/COMPANY

SCHEDULE - IV

TECHNICAL DEVIATIONS

From,
BIDDER Name& Address -

To,
The EE,
CREDA, HO,
Raipur

Sub – Technical Deviations.

Dear Sir,

The technical deviations & variations to the specifications stipulated in the Bid, for the item quoted are as under -

Sl.No.	Condition of Bid document	Clause No. of Bid document	Page No.	Statement of deviations and variations

……

2. Except aforesaid deviations, the entire order, if placed, on us shall be executed in accordance with your specifications and other conditions. Variation/deviations etc. if found, elsewhere in our offer should not be given any considerations while finalizing the tender.

PLACE
DATE

SIGNATURE OF BIDDER
NAME IN FULL
DESIGNATION/STATUS
FIRM/COMPANY SEAL

NOTE - Continuation sheet of like size & format may be used as per bidder's requirements and shall be annexed to this schedule.

FORM - A

SITE CLEARANCE CERTIFICATE

Date:-……...

1. Site ID : ……...……
2. Site Location/Habitation with Geo-Tag: **Latitude** ……. **Longitude** ……
2. Name of Site Location/Habitation: ……
3. Village : …… LC Code …….……
4. Gram Panchayat : ……..…
5. Block : ……..…
6. District : ……..…
7. Vidhansabha : ……..…
8. Name of Beneficiary Organization : …….
9. Name of Beneficiary : ……..…
10. Capacity of Solar High Mast in Wp: ……Mtr……..
11. Available Shadow free space for installation of Solar High Mast: ……
12. Beneficiary's Mobile Number: …….

it is hereby certified that site is safe and technically clear for installation of Solar High Mast .

Beneficiary/Sarpanch/Beneficiary Department Representative

(Signature & Seal)

Representative of Company/Surveyor

(Signature & Seal)

Assistant Engineer/District Incharge
CREDA, District Office
(Signature & Seal)

FORM - B

Plan of Site

Date:-……..

Site ID :-…… Name of Location/Habitation: …….

Village :…….. Gram Panchayat: …….....

Block:-…… District:-……..… Vidhansabha: ……..

PLAN FOR IDENTFIED SITE

Note:-All distance mentioned should be in meters directions of mention for MP.

Beneficiary/Sarpanch/Beneficiary Department Representative

(Signature & Seal)

Representative of Company/Surveyor

(Signature & Seal)

Assistant Engineer/District Incharge
CREDA, District Office
(Signature & Seal)

Additional Terms & Condition

The quantity of purchase of Solar High Mast is not fixed. CREDA will procure the Solar High Mast based on the target/work/fund given by the various agencies. The quantity of Solar High Mast (increase/decrease) vary as per fund available. The delivery location under the above procurement is not fixed. The order will be placed for supply, installation and commissioning of Solar High Mast anywhere in the State of Chhattisgarh i.e. in any district of Chhattisgarh State.

END