



Chhattisgarh State Renewable Energy Development Agency (CREDA)

(Dept. of Energy, Govt. of Chhattisgarh)

Near Energy Education Park, Village Fundhar

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BID DOCUMENT No. 86373/CREDA/HOR/EEP Bilaspur/2021-22 DT. 03.11.2021

CREDA invites QCBS tender cum EOI for Standardization of rates and Empanelment of Consultant/Contractor for the work of design, drawing, Specialized Development of horticulture & Electrical aesthetic appearance and Up-gradation, works and Related Civil works and its execution and Maintenance etc. in Urja Siksha Udhayan, Bilaspur (C.G.)

UNIQUE TENDER ID – 86373

Particulars	From Date	To Date	Place
	& Time	& Time	
Date of issue of notice inviting bid	03.11.2021 5:00 PM	-----	----
Period of availability of bidding document at website	03.11.2021 5:00 PM	04.12.2021 5:00 PM	www.creda.co.in ; https://eproc.cgstate.gov.in
Pre Bid submission of queries in writing	03.11.2021	18.11.2021 5:00 PM	At CREDA Conference Hall, CREDA HO, Raipur
Submission of Online Bid (Technical + e Price Bid)	03.11.2021 5:00 PM	04.12.2021 5:00 PM	https://eproc.cgstate.gov.in
Opening of Technical Bid	06.12.2021 12:00 PM Onwards		https://eproc.cgstate.gov.in
Presentation	08.12.2021 12:00 PM	08.12.2021 4:00 PM	At CREDA Conference Hall, CREDA HO, Raipur
Declaration of Eligible Bidders	After conclusion of Technical evaluation		At CREDA Conference Hall, CREDA HO, Raipur
Opening of e- Price Bid	After conclusion of Technical evaluation and declaration of eligible bidders		At CREDA Conference Hall, CREDA HO, Raipur

Bid Document Cost –Rs.5000.00 + 18% GST = Rs.5900.00/-(In words Rupees Five Thousand Nine Hundred Rupees Only) to be deposited in CREDA's account along with EMD via RTGS/NEFT as a single transaction.

Document can be downloaded from our website www.creda.co.in or from Chhattisgarh e-Procurement portal i.e. <https://eproc.cgstate.gov.in>.

CHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY

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NIT Ref. No. _____/CREDA/HOR/T. No. 86373 EEP Bilaspur/2021-22

Date: 02.11.2021

NOTICE INVITING BID

CREDA invites QCBS tender cum EOI for Standardization of rates and Empanelment of Consultant/Contractor for the work of design, drawing, Specialized Development of horticulture & Electrical aesthetic appearance and Up-gradation, works and Related Civil works and its execution and Maintenance etc. in Urja Siksha Udhayan, Bilaspur (C.G.)

S.N.	Item Description	Approximate value of purchase	Cost of Bid Document fees and EMD	Essentials
1	CREDA invites QCBS tender cum EOI for Standardization of rates and Empanelment of Consultant/Contractor for the work of design, drawing, Specialized Development of horticulture & Electrical aesthetic appearance and Up-gradation, works and Related Civil works and its execution and Maintenance etc. in Urja Siksha Udhayan, Bilaspur (C.G.)	Rs. 7.5 Crores	Bid Document Fee Rs. 5,900.00 + EMD Rs. 10,00,000.00	As per Eligibility Criteria (Page – 9)
TOTAL Rs.		7.5 Crores	Rs. 10,05,900.00/-	----

Estimated Total Project Cost- Rs. 7.5 Crore (Incl. GST)

The quantity of Items mentioned in the EoI may vary as per actual site conditions and demand. Important Events and time schedule for this Bid are as follows –

Particulars	From Date	To Date	Place
	& Time	& Time	
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Technical bid and Price Bid shall be submitted in online only at <https://www.eproc.cgstate.gov.in>. 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://www.eproc.cgstate.gov.in>)

Details of this Bid are mentioned at Bid Documents which can be downloaded from our website www.creda.co.in. The Bidder should have to deposit Bid document cost along with EMD as mentioned above through NEFT/RTGS in the account of CREDA mentioned below.

Bidders are requested to submit Pre-Bid queries with their suggestions/objections/ reservations if any with details so as to avoid any confusion and to ensure clarity and transparency regarding the Bid.

CREDA reserves all rights to accept/reject any or all Bids in full/part without assigning any reasons. Any amendment in tender documents shall only be notified through the website of CREDA www.creda.co.in

**Chief Engineer
RE-V, H.O. CREDA
Raipur (CG)**

APPLICATION

To ensure that your EOI submitted to CREDA is complete in all respects, please go through the following application for the enclosures attached with your EOI:

01	Name of the Firm/ Agency	
02	Address of the Firm/Agency/company	
03	Organization Constitution - Registered Company / Firm - Others	
04	PWD Registration no., date and validity	
05	Availability of Local Setup at Chhattisgarh & Address	
06	Experience in Various types of Repair, Renovation, Electrical, Plantation work and its Maintenance or similar work done in last One year along with copies of the orders.	
07	Annual Turnover Certificate duly signed by Chartered Accountant submitted for last three years	
08	Name of authorized signatory (In block letters) for the agency	
09	Telephone Numbers of the Firm	
10	e-mail address	
11	GST no. (Attached self attested copy of the certificate)	
12	PAN no.(Attached self attested copy of the certificate)	
13	PF no. (Attached self attested copy of the certificate)	
14	ESIC no. (Attached self attested copy of the certificate)	
15	Earnest Money Deposit and Bid Fees, total sum of Rs...../-, submitted in the form of RTGS/NEFT bearing UTR no. dated	

PLACE:

AUTHORISE SIGNATORY:

DATE :

NAME IN FULL :

DESIGNATION/STATUS :

FIRM/COMPANY SEAL :

Details of EMD and Tender Document Fee

A scanned copy of the EMD and Bid Document fee transaction shall have to be uploaded in the format below on the Chhattisgarh e-Procurement portal. Details uploaded in incorrect format shall be rejected.0

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	
(vi) Date of transaction	
(vii) EMD + Bid Document Fee	Rs. (Rs. + Rs.)

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

(Sign & Seal of the bidder)

***NOTE –**

- i. The EMD and the Tender Document Fee shall have to be deposited as a single NEFT/RTGS transaction in CREDA's bank account (amount mentioned above).

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

To ensure that your Bid uploaded on the Chhattisgarh e-Procurement portal i.e. <https://eproc.cgstate.gov.in> is complete in all respects, please go through the following checklist & tick mark for the enclosures attached with your Bid –

Sl. No.	Envelope	Description of documents to be uploaded in the e-bidding portal	Complied (For Office Use only)
1	A. Pre- Qualification	EMD + Tender Document Fee submission form of the bidder confirmed by CREDA (as on page – 6)	
2	B. Technical and Financial Qualification	Self-Attested Undertaking of the Bidder as mentioned on Page – 7 of the tender document	
3		Consortium Agreement (If Applicable)	
3		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 on not being a debarred from Government contract or a blacklisted company.	
6		Declaration of conflict of interest - by bidder about any relatives working with CREDA and Affidavit as per Annexure – III	
7		Affidavit that all the information furnished with the prequalification documents is correct in all respects.	
8		Copy of valid CGPWD Registration Certificate (B Class or higher)	
9		Work Experience: As per Eligibility criteria, Clause No. 2, 3 and 7.	
10		Original Net Worth Certificate(s) duly signed by Chartered Accountant	
11		Copy of certificate for last three years turnover of works done regarding consultancy/landscaping/ Construction services, survey design, drawing and execution of Civil work, Repair, Renovation, Horticulture and its Maintenance, Irrigation, Drainage work	
12		Copy of ITRs for last three Financial Years of the Bidder	
14		Schedule – I Part-A	
14		Schedule – II Part-B	
15		Schedule – III Part-C	

UNDERTAKING OF THE BIDDER

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

I/We hereby Bid 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 Bid 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.....**is hereby forwarded as **Earnest Money** in the form of RTGS / NEFT payable to CREDA at Raipur (C.G.). If I/We, fail to commence or complete the Work Ordered in specified time or fail to fulfil the any condition of Bid 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 towards security deposit 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 Bid 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 hereby state that we have provided information of our near relatives as stated in the affidavit attached at “Annexure – III”

Dated:

Signature

Place:

Name of Bidder with seal.....

Witness:

Signature:

Name:

Postal Address:

.....

INTRODUCTION

About CREDA

Chhattisgarh State Renewable Energy Development Agency (CREDA), has been constituted on 25th May 2001 under the Department of Energy, Government of Chhattisgarh for implementation of various schemes pertaining to Renewable Energy sources and Energy Conservation activities. It is registered under Society Act 1973. CREDA is established as the State Nodal Agency by State Government for development and popularization of non-conventional & renewable sources of energy. Most of the scheme like National Program on Bio-gas Development, Solar Thermal, Solar Photo Voltaic, Remote Village Electrification and Biomass Gasifier, sponsored by Ministry of Non-Conventional & Renewable Energy Sources (MNRE), Government of India are implemented by CREDA.

About Urja Sikhsha Udhayan

Urja Sikhsha Udhayan Bilaspur, is spreading over a 12 acre is being developed at the Rajkishor Nagar Bilaspur. A venture of Chhattisgarh State Renewable Energy Development Agency (CREDA), the Udhayan is a unique establishment among the many interesting exhibits are Solar Hut, Attractive Garden, that attracts many People, students and tourists every year. The primary objective behind setting up the park was to bring awareness among people about the use of renewable technologies and resources to meet the energy crisis.

It is a Udhayan on the theme of generation and usage of various forms of renewable energy sources, surrounded by a beautiful garden with abundance of greenery, colorful flowers, attractive fountain and unique waterfalls. Urja Siksha Udhayan, Bilaspur has been set-up to create awareness and educate people in general and children in particular about various forms of renewable energy sources. This has been sought to be achieved through indoor and outdoor exhibits and through working models, inter-active games and quizzes. For toddlers, there are solar operated toy cars.

ELIGIBILITY CRITERIA

1. Intended bidder must be a Valid Registered Contractor with C.G. PWD in 'B' Class or higher (Must have to submit Copy of valid CGPWD Registration Certificate).
2. Work Experience: Shall have rendered consultancy/landscaping/Construction services, survey design, drawing and execution of Civil work, Repair, Renovation, Horticulture and its Maintenance, Irrigation, Drainage work service for total project costing to Rs. 5.00 Crores in last 5 years.
3. Experience Certificates should be in annexed format (as per annexure-"B") only or other format containing similar information as in attached format (Annexure -B) shall be considered only in case of submitted in Hindi/English language only. LOI/LOA will not be acceptable.
4. Bidders must have a Net worth of minimum Rs.1.00 Crore on 31st March 2021. They shall have to submit a certificate duly signed by a qualified and registered Chartered Accountant as a proof.
5. Bidders should have an aggregate turnover of minimum Rs. 10 crores in last three years i.e. 2018-19, 2019-20 & 2020-21. Bidder are requested to submit required aggregate turnover certificate duly signed by a qualified and registered chartered Accountant.
6. Bidder 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.
7. The bidder shall have experience of execution of Development/Construction/Consultancy/ Horticulture work in any Energy Education Park of any state Nodal Agency of MNRE of any state, minimum Rs. 1.00 Crore.
8. Bidder must have a Registered Office in Chhattisgarh State. The office can be randomly inspected by CREDA officers time to time.
9. **Consortium:-** Consortium of two parties will be allowed in this EOI. The eligibility condition will be as follow-
 - i. All the Eligibility criteria shall be fulfilled jointly by both the partners of Consortium.
 - ii. If any partner of the Consortium is debarred from business by Govt. /Govt. Agency in any state then the Consortium would not be eligible to participate in this bid.
 - iii. The lead partner and other partner shall have positive net worth individually and shall have required aggregate Turnover of 10 Crore.
 - iv. Consortium Agreement in Prescribed format (Annexure-IV) shall have to be submitted (as per checklist on page – 6) with EOI, on Rs. 100/- Non-judicial Stamp.
10. **Additional Eligibility Criteria-**
 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.

INSTRUCTIONS TO CONTRACTOR

1. Execution of work shall be carried out in an approved manner as outlined or where not outlined in the technical specifications in accordance with relevant Indian Standard Specifications/C.G. PWD SOR 2015 or to the reasonable satisfaction of CREDA.

2. BIDDING PROCESS -

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

- A. Visit <https://eproc.cgstate.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://eproc.cgstate.gov.in> latest by **05.00 PM on 02-11-2021**. Bids submitted after scheduled time and date shall not be considered.

3. EMD & DOCUMENT FEE -

The EMD and tender Document Fee shall have to be paid via RTGS/NEFT to CREDA's Account mentioned below as a single transaction.

Name of the A/c	CREDA
Bank & Branch Name	ICICI Bank, Pachpedi Naka, Raipur
Bank Account Number	134601000400
Branch IFSC Code	ICIC0001346

4. SUBMISSION OF DOCUMENTS -

All the documents including technical and financial Bid should be submitted online on Chhattisgarh e-Procurement portal <https://eproc.cgstate.gov.in> as per the items mentioned in the checklist on page no. 5 in this bid. Bidders are advised to finish all the bidding portal related activities such as registration, USB certificate/token approval, payments etc. so as to avoid last minute difficulties during the bid submission. 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.

- 5. Intended bidder must not be black listed/debarred by any Central/State Govt. Organizations or Departments, PSUs or JVs.
- 6. Documentary evidence for meeting the eligibility criteria must mandatorily be submitted along with offer.
- 7. Intended bidder should have GST registration, PAN, PF and ESIC.
- 8. The bidder should have sufficient number of Technical and Administrative employees required for proper execution of the contract. The applicant should submit a list of these employees stating clearly how they would be involved in this work.
- 9. Each Bidder must upload/submit on the portal:-
 - i. Certified Copies of Income Tax Returns for the last 03 (Three) years together with Balance sheet, Profit and Loss Account statement duly audited by Chartered Accountant including his audit report.
 - ii. Other certificates as required by department.
 - iii. An affidavit that all the information furnished with the prequalification, techno-commercial documents is correct in all respects. (The same affidavit shall be a part of Envelope – A i.e. Pre-Qualification)

10. **The prices quoted should be F.O.R. Bilaspur including GST and royalty, Freight, Loading, Unloading, Insurance and any other incidental charges.**
11. The successful bidder shall not be liable for any penalty for delay or for failure to perform the work 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 the successful bidder, shall within 10 (ten) days from the beginning of such delay notice to CREDA in writing of the cause of delay. CREDA shall verify the facts and grant such extension as facts justify.
12. The period of contract will be for 3 financial years (i.e. 2021-22, 2022-23 & 2023-24).
13. The successful bidder shall execute an agreement prior to issue of work order.
14. Any dispute arising out of the contract shall be subject to the jurisdiction of court at Raipur.
15. In case of any dispute referred to the CEO, the decision of CEO CREDA, will be final and binding to the Contractor.
16. All information called for in the enclosed forms shall be furnished against the relevant column in the forms. If for any reason, information is furnished on a separate sheet, this fact shall be mentioned against the relevant column. Even if no information is to be provided in a column, a "nil" or "no such case" entry shall be made in that column. If any particulars/query is not applicable in case of the applicant, it shall be stated as "not applicable". The applicants are cautioned that not giving complete information called for in the application forms or not giving it in clear terms or making any change in the prescribed forms or deliberately suppressing the information may result in the applicant being summarily disqualified. Applications made by telegram or telex and those received late will not be entertained.
17. **The authorized signatory of the applicant shall sign each page of the document of EOI and Enclosures.**
18. Overwriting should be avoided. Correction, if any, shall be made by neatly crossing out, initialling, dating and rewriting. All pages of the pre-qualification document are to be numbered. Additional sheets, if any, added by the applicant, shall also be numbered by him. They shall be submitted as a bound volume with signed letter of transmittal.
19. The applicant may furnish any additional information, which he thinks necessary to establish his capabilities to successfully complete the envisaged work. He is, however, advised not to furnish superfluous or irrelevant information. No information shall be accepted after submission of pre-qualification document unless it is called for by CREDA.
20. Any information furnished by the applicant found to be incorrect either immediately or later, would render him liable to be debarred from EOI/awarding work in CREDA.
21. FINANCIAL INFORMATION: Applicant should furnish the Annual financial statement for the last three years.
22. ORGANISATION INFORMATION:
Applicant is required to submit the following information in respect of his organization
 - I. (Name & Postal Address, Telephone & Telex Number, E-mail ID, etc.
 - II. Certified copies of original documents defining the legal status, place of Registration and principal places of business.
 - III. Information on any litigation in which the applicant was involved during the last three years, including any current litigation.
 - IV. Authorization for employer to seek detailed references.
 - V. Number of Technical & Administrative Employees in parent company, subsidiary company and how these would be involved in this work.

23. **AFFIDAVIT:** The applicant should, as per clause 9(iii) above, submit an affidavit on stamp paper that all the documents submitted herewith are correct and true in best of my knowledge, duly notarized by the Public notary. **In absence of the affidavit the applicant will disqualify for the work.**
24. **AWARD CRITERIA:** The employer reserves the right, without being liable for any damages or obligation to inform the applicant, to:
 - i. Amend the scope and value of contract to the applicant.
 - ii. Reject any or all of the applications without assigning any reason.
25. **ANALYSIS OF RATE- Bidder should quote their rates considering variation of site conditions, variation in price of different components and keeping the quantum and quality of supply in mind. If CREDA anticipates that rate is abnormally low or high, CREDA shall have liberty to amend the rates or reject the EoI.**
26. **Registration of Bidder** –Bidder must have a valid registration certificate as CGPWD “B” Class or Higher Category, Contractor for FY 2021-22.
27. **VALIDITY:** 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 EOI, the approved rates shall be valid till one year from the date of award; however CREDA shall have liberty to increase or decrease this validity if needed.
28. **The terms, conditions and specifications:**
 - i. The terms, conditions and specifications mentioned in EOI 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 Bidder who do not accept terms and conditions stipulated in this EOI documents, their offers shall be liable to be rejected out-rightly without assigning any reason whatsoever.
 - ii. Each page of EOI document & enclosures shall be signed by the Bidder and seal affixed. All the pages of the documents issued must be submitted on the e-bidding portal along with the technical offer. In case of any corrections/alterations in the EOI, the Bidder should attest the same as additional documents; otherwise EOI’s may not be considered.
 - iii. Bidders are also instructed to submit their EOI’s in properly arranged manner (with indexing, proper sequencing of documents). Incomplete, lose, conditional or improper arranged EOI’s will not be accepted.
29. **CREDA reserves the right -**
 - (i) 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.
 - (ii) 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.
 - (iii) To increase or decrease of aggregate quantities up to 100 % as per discretion or circumstances.
 - (iv) Due to large quantum of supply & limitation of the time period for completion of the supply CREDA may take consent from other Bidders if they agree to work on rates standardized by CREDA.
 - (v) CREDA may undergo agreement with the eligible Bidder 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 in **financial year 2021-22** and shall be valid till **31-03-2022**. However CREDA reserves right to curtail or extend this period.
30. **COMMUNICATIONS -**
 - A. All the communication between Bidder and CREDA shall be in writing. Notice sent by Fax or other 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.

31. EOI DOCUMENT FEE AND EARNEST MONEY:

Each Bidder should submit EOI Document Fee and earnest money in the form of Demand Draft/Pay Order or RTGS/NEFT as mentioned in the EOI No. **86373/CREDA/HOR/EEP BILASPUR/2021-22** Date **03.11.2021** in a separate envelope as prescribed atelse they will summarily be rejected and returned. EOI Document Fee, EMD submitted in any other form e.g. **Cash/Bank Guarantee/FDR/TDR etc. shall not be accepted.**

32. Pre-bid Queries -

i. A pre-bid Queries shall be submitted on **2-11-2021 up to 03-12-2021** at CREDA HO, Raipur for clarify doubts of the Bidders so that all doubts and confusions are resolved before the EOI is submitted. Only one authorized representative of the parties who fulfils the primary eligibility conditions as mentioned in NIT and desire to purchase/download the EOI document shall be allowed. Amendments/clarifications, if any arising during pre-bid queries, shall be uploaded on www.creda.co.in.

33. FORFEITURE OF EARNEST MONEY DEPOSIT:

It should be clearly understood that in the event of Bidder 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 stipulations, if he is so communicated within the validity period of the offer, the full amount of earnest money will be forfeited and Bidder shall be debarred from future business with CREDA. CREDA's decision in this respect will be final and binding on the Bidder.

34. PRICE OF SUPPLY ITEMS:

(I) The Price quoted for all Items F.O.R. destination inclusive of transportation, loading/Unloading, packing, forwarding freight, transit insurance etc. as applicable.. The GST shall be indicated (paid) extra as per the GST regulation notification no.24/2018-central tax (Rate) dated 31.12.2018. The prices shall be filled exactly as per **Price Bid** enclosed.
(II) Any change in GST shall be applicable during the period of contract.

35. INSPECTIONS :

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

36. TAX OBLIGATIONS:

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.

37. JURISDICTION OF THE COURT:

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

38. CORRUPT OR FRAUDULENT PRACTICES -

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

39. For the purpose of pre-qualification, bidders will be evaluated in the following manner:-
- a. The bidder's qualifications against the criteria prescribed above will first be scrutinized and evaluated and the bidder eligibility for pre-qualification for the work will be first determined.
 - b. Even though the Bidder meet the above qualifying criteria, they are subject to be disqualified if they have:**
 - i. Made misleading, incorrect or false representations in the forms, statements, affidavits and attachments submitted in proof of the qualification requirements.

And/or
 - ii. Record of poor performance such as abandoning the works, not properly completing the contract, unsatisfactory quality of work, inordinate delays in completion, claim and litigation history, or financial failures etc in any department of Govt. of Chhattisgarh or the state Govt. organization/services/ corporations/local body etc. (by whatever names these are called) within State territory of Chhattisgarh.

And/or
 - iii. 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 the Executive Engineer Raipur/Bilaspur.

PAYMENT TERMS & SECURITY DEPOSIT

The following terms of payment shall apply for the Bidder–

- a) **97%** of the order value as per the Work/supply order after satisfactory Work Completion/ Supply.
- b) Balance **3%** of the order value shall be retained by CREDA as Security Deposit for a period of 60 months. However, the same may be released to Bidder on submission of bank guarantee/FDR in favour of CREDA of equivalent amount in prescribed format issued by any scheduled bank.

ASSESSMENT OF BIDDER

The assessment will be done as per following:

A. Technical Assessment: (Total 50 Marks)

- | | |
|---|------------|
| 1. CGPWD “B” class valid certificate or above | – 10 Marks |
| 2. Experience minimum 05 years or above | – 10 Marks |
| 3. Experience of developing any Energy Education Park of any State Nodal Agency of MNRE of any state amounting minimum 1.00 Crore | – 10 Marks |
| 4. Turnover of 10 Crore or above | – 20 Marks |

Total 50 Marks

B. Presentation: (Total 30 Marks)

Presentation as per the work mentioned in the scope of work section, having minimum slides-25 nos. The Presentation shall cover all technical details, drawing, design, layouts etc. The bidder shall have to present his presentation on Date 06.12.2021 from 3:00 PM at CREDA Head office Raipur.

Note:- The bidder who will gain minimum 50 Marks out of 80 Marks in Technical Assessment & Presentation will be eligible for empanelment in CREDA and also in this tender for further assessment and the Price bid of those bidder who have gained less than 50 Marks will not be opened.

C. Financial Assessment: (Total 20 Marks)

The bidder shall have to fill all the rates mentioned in Price bid (Incl. GST).

The formula for the financial assessment as below-

1. $F(A) = 0.5 \text{ Crore} \times (\% \text{ rate 'As per Price Bid A' } / 100) = \text{Rs. } \dots\dots\dots$
2. $F(B) = \text{Total of all rate 'As per Price Bid B'}$ = Rs. $\dots\dots\dots$
3. $F(C) = \text{Total of all rate 'As per Price Bid C'}$ = Rs. $\dots\dots\dots$
4. $F(D) = \text{Total of all rate 'As per Price Bid D'}$ = Rs. $\dots\dots\dots$

All total of Price bid $F(A) + F(B) + F(C) + F(D) = F(T)$

The $F(T)$ Financial total shall be allowed Up to 25% below from the estimated project cost, otherwise EoI will be rejected due to ALR (Abnormally Low Rate).

Financial Assessment Marks = 20 + {1- F (T) / Total Project Cost} X 100/2

Final Assessment Marks:-

(A) Technical Marks + (B) Presentation Marks + (C) Financial Marks = Total Marks

The Bidder who score highest total marks in final Assessment will be awarded the work

SCOPE OF WORK

A. For Any Type of Electrical, Plantation, Repair, Renovation and Maintenance work as per CGPWD SOR 2015

Type of works:

1. Various Types of Electrical, work and Renovation work. Related to electrical, horticulture & other aesthetical works.
2. Fabrication work.
3. Painting works.
4. New electrical work and modification in electrical layout.
5. Aesthetical work related to electrical horticultural & other works.
6. Other Civil works related to Urja Siksha Udhayan and its allied campus.

Note:-

1. **Work order:-** Separate Work order, related to the Electrical and Plantation work will be issue after the Estimation of work. Electrical work related work order Estimation will be made by CGPWD SOR 2015.
2. **Task management and approval:** - The contractor/Execution team will coordinate all activities with the concerned CREDA Regional/District office Bilaspur all recommendation for tasks to be perform by the contractor under this work order will be communicated to the RO/DO for consideration and approval.
3. **Schedule:-**The Work specified under this work order is to be complete within given schedule time in Work order.
4. **The Specifications shall be strictly as per CG PWD's Electrical SOR 2015 and as specified by CREDA.**
5. **Any other Work/Item which is not specified in this EOI shall be evaluated on the basis of CGPWD SOR 2015.** If any work/item is in CGPWD SOR 2015 then the rates of that work item may be calculated as per Price bid 'A'.
6. **All Estimate are inclusive of GST.**
7. **Payment to the contractor will be made as per actual measurement and availability of budget in CREDA.**

A. Abstract of Quantity:

Pole Foundation (PWD SOR Civil Items)			
S.No.	Particulars	Quantity	Unit
1	Excavation for all types and sizes of foundations, trenches and drains or for any other purpose including disposal of excavated stuff up to 1.5m lift and lead up to 50m (at least 5m away from the excavated area), including dressing and leveling of pits. In all types of soils. (SOR-1.1.1/9)	604.62	Cum
2	Providing and laying nominal mix plain cement concrete with crushed stone aggregate using concrete mixer in all works up to plinth level excluding cost of form work.1:3:6(1cement :3 coarse sand : 6 graded stone aggregate 40mm Nominal size). (3.1.3,pg-23)	46.51	Cum
3	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works up to floor five level excluding cost of formwork 1:1½:3(1 cement : 1½ coarse sand : 3 graded stone aggregate 20mm nominal size). SORNO.-3.2.1/23)	38.83	Cum
4	Providing and laying nominal mix cement concrete with crushed stone aggregate using concrete mixer in all works up to floor five level excluding cost of formwork 1:1½:3(1cement : 1½coarse sand : 3 graded stone aggregate 20mm nominal size). SORNO.-3.2.1/23)	120.79	Cum
5	Providing and placing in position reinforcement for R.C.C. work including straightening, cutting, bending, binding etc. complete as per drawings including cost of binding wire in foundation and plinth all complete: Thermo-Mechanically treated bars FE 500D. (3.12- 3.12.1, pg-24)	17975	Kg.
6	Providing and fixing form work including centering, shuttering, strutting, staging, roping bracing etc. complete and including its removal at all levels, for:2.1.1 Foundations, footings, bases of columns plinth beam, curtain wall in any shape and size and all type of wall below plinth level. (2.1.1/16)	1466.76	SqM

PWD ELECTRICAL SOR 2015				
S.No.	Item Code	Description	Unit	QTY.
	3	WIRING IN CONCEALED PVC CONDUIT		
7	3.15	Supplying and fixing of following sizes PVC conduit along with accessories in concealed complete as required.		
	3.15.2	25 mm	Metre	1500
	3.15.3	32 mm	Metre	500
	3.15.5	50 mm	Metre	500
	9	MAIN METAL BOARD, BBC, IC		
8	9.17	Providing and making interconnection in cubical panel between BBC and switchgears with following size PVC insulated copper conductor cable lead of length up to 50cm including providing copper thimbles on both ends as required (To be measured separately for each phase/ neutral).		
	9.17.1	10 sq mm (32 amp)	Each	10
	9.17.2	16 sq mm (63 amp)	Each	10
	9.17.3	35 sq mm (125 amps)	Each	10
9	9.18	Providing and making interconnection in cubical panel between BBC and switchgears with following size copper strip of length up to 50cm as required (To be measured separately for each phase/neutral).		
	9.18.1	20x3mm (100 amps)	Each	10
	9.18.2	25x5mm (200 amps)	Each	10
10	9.19	Fabrication, supply, installation, testing and commissioning of cubicle type compartmentalized wall/ floor mounted power cum control panel board of specified size and following depth made out of not less than 2 mm thick CRCA MS sheet with suitable size compartments for bus bars, switchgears and necessary cutouts for voltmeters, ammeters etc. as per specifications including powder coating painting but without bus bars, switchgears and other accessories etc. complete as required. (Only face area is to be measured)		
	9.19.1	Up to 300 mm deep	sqm	20
11	9.21	Supply, installation, testing and commissioning of 4 pole (3 phase + neutral) copper (electric grade) bus bars in existing cubicle type compartmentalized wall/ floor mounted panel board along with suitable size and shape insulators, necessary bolts and nuts etc complete as required.		
	9.21.1	100 amp (20x3mm)	Metre	10
	9.21.2	200 amp (25x5mm)	Metre	10
12	11	MCCB, MCB, MCBDB		
	11.1.3	3 pole MCCB, 25-100A, Adjustable Thermal Release, 18KA	Each	20
	11.1.4	3 pole MCCB, 100A, Adjustable Thermal - Magnetic Release, 25KA	Each	1
	11.1.5	3 pole MCCB, 125A, Adjustable Thermal - Magnetic Release, 25KA	Each	1
	11.1.6	3 pole MCCB, 160A, Adjustable Thermal - Magnetic Release, 25KA	Each	1
	11.1.7	3 pole MCCB, 200A, Adjustable Thermal - Magnetic Release, 25KA	Each	1
13	11.4	Supplying and fixing on surface/ recess horizontal type following way, 415 volts, TPN MCB distribution board of sheet steel phosphatized and powder painted, complete with tinned copper bus bar, neutral bus bar, earth bar, din bar, detachable gland plate, including interconnections, earthing etc. as required. (But without MCB/RCCB/Isolator)		
	11.4.4	4 way Double door	Each	2
	11.4.5	6 way Double door	Each	2
	11.4.6	8 way Double door	Each	2

14	11.11	Supplying and fixing SP MCB, 240 volts, 'C' curve, suitable for inductive load in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
	11.11.2	6 amps to 32 amps	Each	200
15	11.16	Supplying and fixing TP&N MCB, 440 volts, 'C' curve, suitable for lighting and other loads in the existing MCB DB complete with connections, testing and commissioning etc. as required.		
	11.16.2	6 amps to 32 amps	Each	60
	11.16.5	63 amps	Each	20
16	12	ACB, STARTER, CONTACTOR, PANEL ACCESSORIES		
	12.9	Providing and fixing metal clad, TP&N 4 pole automatic change over switch unit, 415/500 volts, including drilling holes on the board, connections, earthing the body, testing and commissioning etc.as required.		
	12.9.1	125 amps	Each	1
	12.9.2	160 amps	Each	1
	12.9.3	250 amps	Each	1
17	12.15	Providing and fixing following rating current transformer in existing cubical panel including, connections, testing and commissioning etc. as required.		
	12.15.2	100/5 amps	Each	4
	12.15.3	200/5 amps	Each	4
18	12.17	Providing and fixing penal mounting 230 volt LED type indicating lamp in existing cubical panel including, connections, testing and commissioning etc. as required.	Each	30
19	12.19	Providing and fixing penal mounting following rating digital type ammeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as required.		
	12.19.2	0-100 amps	Each	1
	12.19.3	0-200 amps	Each	1
20	12.20	Providing and fixing penal mounting 0-500 volt voltmeter of size 100x100 (NS) in existing cubical panel including, connections, testing and commissioning etc. as required.		
	12.20.2	Digital type	Each	2
21	12.22	Providing and fixing following Time switch (timer) in existing panel including connection, testing and commissioning as required.		
	12.22.1	Digital type	Each	6
	12.22.2	Analog type	Each	6
	12.22.3	Astronomical type with year programmed	Each	6
22	14	E A R T H I N G		
	14.5	Supplying and laying 8 SWG copper wire at 0.50 metre below ground level for conductor earth electrode, including soldering etc. as required.	Metre	500
23	14.20	Providing maintenance free earthing with following size GI pipe including making bore pit of minimum 150mm dia, providing and laying approved make Earthing Electrode of Pipe-in-Pipe technology as per IS 3043-1987 made of corrosion free G.I. Pipes having outer pipe of 80mm dia and inner pipe of 50mm dia and filling with specified qty highly conductive compound around pipe and above that with soft soil in bore pit complete and providing masonry enclosure with cover plate having locking arrangement and watering pipe etc. as required:		
	14.20.1	With 3 metre long GI Pipes and 50 kg back filling compound.	Each	30
	14.20.2	With 2 metre long GI Pipes and 25 kg back filling compound.	Each	20

24	17	MV CABLE LAYING (1.1 KV)		
	17.3	Supplying and laying following sizes one number PVC insulated/ XLPE, PVC sheathed, steel armored, aluminum conductor power cable of 1.1 KV grade in existing RCC/ HUME/ STONEWARE/ METAL/ HDPE pipe as required.		
	17.3.14	3.5 x 70 sq. mm.	Metre	100
	17.3.17	3.5 x 150 sq. mm.	Metre	100
	17.3.22	4 x 10 sq. mm.	Metre	1500
	17.3.23	4 x 16 sq. mm.	Metre	1000
	17.3.24	4 x 25 sq. mm.	Metre	1000
25	17.14	Supplying and laying following sizes one number PVC insulated, PVC sheathed, steel armored, copper conductor control cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as required.		
	17.14.1	2 x 1.5 sq. mm	Metre	500
	17.14.2	4 x 1.5 sq. mm	Metre	500
	17.14.3	6 x 1.5 sq. mm	Metre	500
26	17.15	Supplying and laying following sizes one number PVC insulated, PVC sheathed, unarmored, copper conductor control cable of 1.1 KV grade on surface/ existing cable tray with 1 mm thick GI saddle as required.		
	17.15.1	2 x 1.5 sq. mm	Metre	500
	17.15.2	4 x 1.5 sq. mm	Metre	500
	17.15.3	6 x 1.5 sq. mm	Metre	500
27	17.23	Supplying and making end termination with brass compression gland and aluminum lugs for following size armored aluminum conductor power cable of 1.1 KV grade as required.		
	17.23.15	3½ X 70 sq. mm (35 mm)	Each	12
	17.23.18	3½ X 150 sq. mm (45 mm)	Each	12
	17.23.23	4 X 10 sq. mm (22 mm)	Each	25
	17.23.24	4 X 16 sq. mm (22 mm)	Each	25
	17.23.25	4 X 25 sq. mm (25 mm)	Each	25
Total 59 Items				

NON SOR ITEM (Electrical)			
S.N.	Description	Unit	QTY.
1	Supply and fixing of Pole light with 360 degree throw of height 3.6m at locations as shown (approximately 10m) Model : K-LITE "ANI" 4975 with 30w LED warm white lamp ,complete in all respect including supply of material , Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	135
2	Supply and fixing of Single arm Pole light of height 4.5m at 12m c/c distance Model: Pole lights as per approval of architect with minimum 30w output, complete in all respect including supply of material Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	17
3	Supply and fixing of Flood light 1 no. mounted on 6m height pole at location as shown on drawing Model: K-LITE "ASTRON-PRIME" 4202 with 3X60w LED warm white lamp, complete in all respect including supply of material, Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	12
4	BOLLARD SMALL 1 no. 620MM height at location as shown on drawing Model : K-LITE " "with 1X16w LED warm white lamp	Each	314
5	BOLLARD HIGH 1 no. 1000MM height at location as shown on drawing Model : K-LITE " "with 1X24w LED warm white lamp	Each	131
6	Supply and fixing of Underwater spot lights Model: K-LITE 4131 with 24v dc 6w LED warm white lamp, complete in all respect including supply of material, Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	12
7	Supply and fixing of Underwater spot lights Model: K-LITE 4130 with 24v dc 18w LED color changing lamp (RGB), complete in all respect including supply of material, Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	20
8	TREE HIGH LIGHTER Model : K-LITE SPIKE LIGHT with 12w LED Warm White	Each	90
9	WALL HIGH LIGHTER Model : K-LITE BRACKET LIGHT with 12w LED Warm White	Each	25
10	STEP LIGHT Model : K-LITE PATH FINDER LIGHT with 12w LED Warm White	Each	96
11	UP DOWN Model : K-LITE UP DOWN LIGHTER with 2X6w LED Warm White	Each	20
12	SURFACE MOUNTED DOWN LIGHTER / HANGING LIGHT Model : K-LITE DOWN LIGHTER with 12w LED Warm White	Each	18
13	WATER PROOF LED STRIP Model : K-LITE LED STRIP with 18w Per Meter LED Warm White	Mtr.	200
14	Supply and laying of 25 mm dia PVC ROLL PIPE for landscape /gate lighting with excavation and back filling as per standard	Metre	5000
15	Supply and laying of 32 mm dia PVC ROLL PIPE for landscape /gate lighting with excavation and back filling as per standard	Metre	5000
16	Supply, Installation, testing & commissioning of 1100 V GRADE XLPE INSULATED MULTISTRAND copper Conductor Armored cables in existing above HDPE pipe with necessary fixing as required including end termination providing and fixing of identification tags etc. as directed by Engineers in charge. (supply of cable glands and lugs are not in scope)		
	(A) 3 core 2.5 sqmm Cu. Armored Cable	Metre	7500
	(B) 4 core 4 sqmm Cu. Armored Cable	Metre	4000
	(C) 4 core 6 sqmm Cu. Armored Cable	Metre	1500
Total 18 Items			

Non SOR Items (Civil)			
S.No.	Particulars	Quantity	Unit
1	WHEEL BASE (Non SOR)	8	No.
2	6mm TH. TRANSPARENT CURTAIN STRIP (Non SOR)	124.8	Rmt.
3	Providing Foam finishing in vertical portion of the graffiti area (Non SOR)	219	Sq.mt.
4	Soft Cricket Bowling Machine	2	Nos.
5	Providing Foam finishing in vertical portion of the graffiti area. (Non SOR)	228.02	Sq.mt.
6	Providing & fixing in position Basket Ball pole over base plate with foundation bolt anchorage including Goal bucket arrangement with polyester mesh and other accessories (Non SOR)	2	Nos.
7	Cast Article of Iron Decorative Garden Bench with FRP Planks (Non SOR)	8	Nos.
8	Open gym equipment's - provided and fixing on a foundation as per specification of the equipment in the given area in the drawing.	22	no.
9	ABS Trainer	1	no.
10	Leg Lift Press	1	no.
11	Leg Extension	1	no.
12	Air Walker	1	no.
13	Leg Press	1	no.
14	Twister Double	1	no.
15	Chest Press	1	no.
16	Are & Paddle Bike	2	no.
17	Shoulder Press	1	no.
18	15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. Steel Grey Lappato finish Non SOR	15.30	sqm
19	FLOOR	134.50	sqm
20	COLUMN PADISTAL	3.60	sqm
21	Steps	11.84	sqm
22	Cast Article Of Iron Decorative Gazebo With Roofing Shingles. (SIZE-480X480cm- OCTAGONAL) Non SOR	5	No.
23	Providing and fixing Rubber flooring providing and laying 24mm rubber slabs with 100mm PCC bed for leveling the ground. (NON SOR)	490	sqm
24	100mm Wide Granite Lining with Lappato finish and Edge polish both side. (ONLY LAPPATOFINISH) (NON SOR)	30	Rm
25	12.45.3Granite stone lakha red/shahired	45	sqm
26	Play equipment as per selected items and rate provided by Arihant play.		
27	Double Roller Slide Height 5'	1	No.
28	Mini Wave Slide Deluxe - Ht. 3'	1	No.
29	FRP Roller Slide Ht. - 5'	1	No.
30	Double Wave Slider Premium Ht. - 5'	1	No.
31	Duck Merry go Round	1	No.

S.No.	Particulars	Quantity	Unit
32	Net Rock Climber Ht. - 5'	1	No.
33	Deluxe 2 Seater see saw	1	No.
34	Satellite marry go round	1	No.
35	Two Seater swing	1	No.
36	Deluxe Four Seater See Saw	1	No.
37	Two seater Bucket Swing	1	No.
38	Metalic Revolving Platform	1	No.
39	Turbo Tower	1	No.
40	Four Seater Merry Go round	1	No.
41	Combination set four in one for kids ht.- 3'	1	No.
42	Four Seater Arc Swing	1	No.
43	Monkey Bar / Horizontal Ladder	1	No.
44	Pendulum Single	1	No.
45	Providing & fixing Random Stones for Turtle PO	90	MT
46	Providing & Fixing Natural River Sand Stone	3000	Kg.
47	Providing & Fixing Random Stones for KOI POND	545.476	Cum.
48	Providing & Fixing Natural River Sand Stone	3000	Kg.
49	Supply & Installation of Saint Goblin CertainTeed Roofing Shingles . Series : Landmark PRO. Guarantee : Life Time Color : Burnt Sienna + Rashawn shake (Triangle - 0.5x4x2 = 4 Sq.mt.x4 Nos. = 16Sq.mt. for each(Non SOR)	16	Sqmt.
50	Supply & Installation of Saint Goblin Certain Teed Shadow HIP & Ridge accessory. (2.83mX4Nos. + 4m X 4Nos.=27.32Rmt for each (Non SOR)	27.5	Rmt.
51	Supply & Installation of Saint Gobain Roof Runner for underlayment. (Non SOR)	16	Sqmt.
52	Supply & Installation of STP MAKE STARTER. (Non SOR)	27.5	Rmt.
53	Supply & Installation of Saint Gobain Certain Teed Roofing Shingles . Series: Landmark PRO. Guarantee : Life Time Color :Burnt Sienna+ Rashawn shake (Non SOR)	94.66	Sqmt.
54	Supply & Installation of Saint Gobain Certain Teed Shadow HIP & Ridge accessory. (Non SOR)	65	Rmt.
55	Supply & Installation of Saint Gobain Roof Runner for underlayment. (Non SOR)	94.66	Sqmt.

S.No.	Particulars	Quantity	Unit
56	Supply & Installation of STP MAKE STARTER. (Non SOR)	65	Rmt.
57	Drain Grill Size 300mm X 300mm (1 No.)	2	No
58	Gratings size 295mmX22mm Ht(60M+40M)	100	M
59	Wall Inlet 50mm (12No. +8 No.) Astral Pool	20	No
60	Filter Plant 650 DIA + Filter Media+1.5"MPV (For Cascade Fountain) Astral Pool/ Certikin	1	Set
61	Filter Plant 900dia+FilterMedia+2.5"MPV(For Ring Fountain) Astral Pool/ Certikin	1	No
62	Filter Pump Capacity 1.0 HP (1 No. W + 1 No.SB) (For Cascade Fountain) Astral Pool/Certikin	2	No
63	Filter Pump Capacity 3.0 HP (1 No. W + 1 No.SB) (For Ring Fountain) Astral Pool/ Certikin	2	No
64	Starter Panel (Smart) For 1HP 2No. Pump A. Dry Run/No Flow Protection, B. Low/High Voltage Protection, C. Timer based switch off Apex Pools / Eq.	1	No.
65	Starter Panel(Smart) For 3HP 2No. Pump- A. Dry Run / No Flow Protection, B. Low /High Voltage Protection, C. Timer based switch off Apex Pool / Eq.	1	Set
66	Inline Tablet Dozer Astral Pool/ Certikin	2	No
67	Dosing Tank Apex Pool/Eq.	4	No
68	COMBOPACKwith10kgsTCCA,AlginexTestKit Apex Pool / Eq.	2	Pack
69	Cog Floc/Non Ferric Alum(25Kg) Apex Pool /	2	Pack
70	Non Stabilized Chlorine (25Kg) Apex Pools/ Eq.	6	Pack
71	pH Reducer (Dry Acid) / pH Enhancer (25Kg)A	2	Pack
72	Vacuum Head18"Aquatix USA/Eq.	1	No
73	Telescopic Handle 2.4-4.8M Astral Pool/Certikin	1	No
74	Telescopic Handle7.5M Astral Pool/ Certikin	1	No
75	VacuumHose30M1.5" Apex Pool/Eq.	1	No
76	Cleaning Curved Brush Astral Pool /Certikin	2	No
77	Deep Bag Net Astral Pool /Certikin	2	No
78	Trolley Mounted Self Priming Pump 1.0 HP + 100ft 1Sq.mm Cu Flexible cable + Starter Apex Pools/Eq.	1	No
79	Submersible Pump 5.0 HP (Service Pump for replacement of emergency running pump failure) 1No. for Ring fountain Kirloskar/ Eq.	1	No
80	Submersible Pump 7.5 HP (Service Pump for replacement of emergency running pump failure) 1 No. for Ring fountain + 1 No. for cascade Fountain) Kirloskar/Eq.	2	No
81	LEDLightsRGB18W/12VLEDStandMountedLights for Nozzle Fountain (40 Nos. Working +10NoService) for Ring Fountain Apex Pools /Eq.	50	No.
82	LED Lights RGB 9 W / 12 V LED Stand Mounted Lights for Nozzle Fountain (50 Nos. Working +10NoService) for Cascade Fountain Waterfall Apex Pool/ Eq.	60	No.

S.N.	Particulars	Quantity	Unit
	LED 6W/ 12V LED Light Surface Mounted for Cascade fountain basin Apex Pool/Eq.	20	No
	Electrical Panel for LED Lights (1No. For Ring Fountain + 1 No. for Cascade Fountain) complete in all respect Apex Pools / Eq.	2	Set
	CRCA powder coated Cover Enclosure IP 65 for 1 No. 100 AMP 4 pole incomer MCB for existing electrical panel of Cascade Fountain with Ammeter /V Meter & color coded wiring Apex Pools / Eq.	1	No
	CRCA powder coated Cover Enclosure IP 65with1No.63 AMP 4 pole incomer MCB for new pump & Lights electrical panel of Cascade Fountain with Ammeter/ V Meter & color coded wiring etc. Complete Apex Pools/Eq.	1	Set
	CRCA powder coated Cover Enclosure IP 65with 1 No.63 AMP 4 pole incomer MCB for new pump & Lights electrical panel of Nozzle Fountain with ammeter / V Meter & color coded wiring etc. complete Apex Pools / Eq.	1	set
	All Fountain / Filter system Plumbing in Such 40u PVC piping for pressurized lines & 6 PN RPVC for over flow lines including all Fitting, control valves , pipe supports assuming maximum distance of plant room from Fountain bodies is 10Mtr Astral/Supreme /Finolex	1	Job
	Drawing & Designing , Civil work guidance, Existing equipment Re-Installation & Commissioning	1	Job
	FOUNTAIN AUTOMATION SYSTEM Supply , Installation & commissioning of All associated solenoid valves (Qty-1Set.asperrequirement), associated Cable work, PLC & VFD for pump & Light Panel) Apex Pools/ Eq.	1	Job
	Other Cast Article of Iron Decorative Garden Bench with FRP Planks.	100	No.
	Stone seat without backrest as per selection, Approximate size - 1200mmX 500mm	8	No.
	Stone seat without backrest as per selections similar to image shown	12	No.
	OAT SCREEN (DETAILS ARE ATTACHED SEPARATELY)	Annexure –A Below Attached	

Annexure-A				
CREDA Park, Open Air Theatre Audio Visual BOQ (Headphone Solution)				
Sr. No	Item	Description	Qty	Unit
95.1	Projector	Laser Projector Projection System: OLP Sing 1 e 0.67" WUXGA; Image Size: W:254.4 Inch x H: 159 Inch, Diagonal 300 Inch OLP Single 0.67" WUXGA, DMD type: DC3 DMD Chip , Native Resolution: 1920 x 1200 pixels, Brightness: 7,000 ANSI Lumens, Contrast Ratio: 3,000,000 : 1, Display Color: 1.07 Billion Colors, Aspect Ratio Native: 16 : 10 (5 aspect ratio selectable), Projection Size: 50" ~ 300", Standard Lens, Lens Shift Vertical: 15% ~ 55% / Horizontal: -5%~5%, Standard Lens, Light Source Type: Laser Diodes, Light Source Life: 20,000 / 38,000 / 70,000 Hours (Normal / Eco / Dimming mode), Keystone Adjustment: Vertical: ± 30 degrees, Horizontal: ± 30 degrees, Resolution Support: VGA (640 x 480) to WUXGA (1920 x 1200), Horizontal Frequency: 15 ~ 102KHz, Vertical Scan Rate : 23 ~ 120 Hz, HDTV / Video Compatibility: 480i, 480p, 576i, 567p, 720p, 1080i, 1080p / NTSC, PAL, SECAM, Built-in Speaker: 20W (10W x 2), Security: Security Bar, Kensington anti-theft lock slot, Feature: Rec.709 96%. Blank to True Black. 4K Compatible. DICOM Simulation Mode. 360 Degree and Portrait Projection. Corner fit. Custom Light source Mode (light power adjustment). Dust Proof Engine. 24/ 7 Hours Operating. FW upgrade by LAN. Blanking. Dynamic Dimming, Additional Feature: Blue Core Laser, HDBT, AMX, Creston, PJ IINK,	1	Set
95.2	Short Throw Lens	Resolution: 108 0p (Full HD); Zoom Ratio: 1.67:1; Throw Ratio: 3.11:5.18	1	Set
95.3	Projector Housing	Projection housing enclosure with Control Interface for setup and monitoring of temperature, humidity and status indicators. Power control circuit with PIO Management system compatible with the projection housing unit and display unit.	1	Set
95.4	ROM Control Panel	ROM Control panel with independent Digital Led Display for Monitoring of Temperature and Humidity, exhaust control circuit, heating circuit, and power distribution for the projectors.	1	Set
95.5	HDMI Transmitter	4K HDMI, Bidirectional RS-232 & IR over HD Base T Twisted Pair Transmitter range up to 70mtr, for the camera & video conferencing, Input: 1 HDMI connector & Output: HD Base T twisted pair RJ-45 connector etc. Complete as required.	1	Set
95.6	HDMI Receiver	4K HDMI, Bidirectional RS-232 & IR over HD Base T Twisted pair receive arrange up to 70mtr, input : HD Base T twisted pair on RJ-45 connector & output on HDMI connector etc.	1	Set

Sr. No	Item	Description	Qty	Unit
95.7	Media Player	Media processor: Realtek RTD1619DR, Operating memory: 2 GB, Flash memory: 16 GB, Wi-Fi: Dual Band 2.4+5 GHz 802.11b/g/n/ac 2T2R, two external Wi-Fi antennas, Bluetooth: Bluetooth 5.0, Casing: metal, Front panel display: multi-segment LED display HH:MM , Power supply: external, DC 12V (2A), AC 100-240V, Operating System: Linux-based Dune HD OS+ Android 9.0, Media sources: external HDDs (USB), USB devices (USB flash drive, USB card reader, etc.), built-in micro SD card slot, external optical disc drives (USB), PC and NAS in local network (SMB , NFS, UPnP/ DLNA, HTTP), other Internet and local network media sources, 2x USB 3.1 host: conveniently connect USB HDDs, USB flash drives, USB card readers, USB DVD/BO drives, USB hubs and other USB devices , Micro SD card slot: micro SD memory cards, HDMI 2.0b output : output any video signal up to the most modern 4Kp60 HOR, A/V output : connect to any A/V equipment, (composite video + analog stereo audio), Optical S/PDIF: output digital audio to A/V receiver or external DAC via S/PDIF, Ethernet 10/100/1000 Mbit/s: ensure the best performance when connecting to your local network via cable, IR input port and IR extender: connect an IR extender for improved player installation flexibility. IR extender is included, Power input : 12V DC	1	Set
95.8	Audio Access Point	Digital 4 channel access point transceiver, EU version , with integrated antennas, Ethernet port, USB-C, Dante interface (POE), 4 analog in- and outputs, integrated wall and stand mount, incl. power supply	1	Set
95.9	Digital Body Pack Receiver	Digital body pack receiver, EU version, with OLEO- display stereo mini-jack, USB-C, int. Li-Ion battery, incl. belt clip, strap	100	No.
95.10	Digital Body Pack Transmitter	Digital body pack Transmitter, EU version, with OLEO- display, stereo mini-jack, USB-C, int. Li-Ion battery, incl. belt clip, strap	1	Set
95.11	Headphones	Headphone s, 2 x 32 ohms, with cable 0.8 m (2.6 ft.), stereo mini-jack, for tour guide systems	101	No.
95.12	Charging Case	Charging & carrying case for up to 36 Unite pocket transmitter s/ receivers, Ethernet port, int. power supply	3	Set

Sr. No	Item	Description	Qty	Unit
95.13	Display for Monitoring purpose	SITC of 43 LED Display, Type 60 HZ LED BLU Resolution 1920 X 1080 (16:9), Pixel pitch (mm) 0.16333 mm (H) x 0.49005 mm (v), Active Display area 940.89mm(H) x 529.25 mm M , Brightness 300 nits, contrast ratio 3000 :1, Response Time: 8ms; Built in speaker(10 W +10 W), inputs : RGBDVI-1, HDMI 1.4 (2), HDCP 1.4Component (CVBS Common), Audio Input: Stereo Mini Jack, RGB/DVI/HDMI/CVBS/Component Audio; USB 2.0 x 1; Output: Stereo Mini Jack, EtherneVR-S232,RJ45, remote control etc. with wall mounting bracket.	1	Set
95.14	Cables	Shielded Cat 6 Twisted Pair Cable SITC of 23AWG CAT6 Shielded cable for HDBT signal transmission (as per actual). Complete as per tender specification.	200	Mtr.
95.15	Cables	Un-Shielded Cat 6 Twisted Pair Cable SITC of 23AWG CAT6 Un-Shielded cable for ROM Panel (as per actual). Complete as per tender specification.	200	Mtr.
95.16	HDMI Cable	SITC of Flexible 4K, 18 GBPS HDMI Cable : 1 Mtrs. Complete as per tender specification	2	No.
95.17	Paint for Projection Screen	High Contrast Paint for Screen Size: Diagonal 300" Image Size: W:2S4.4 Inch x H: 159 Inch	1	No.
95.18		Equipment Rack	1	No.
Total 112 Items				

Plantation work

plantation Plant, Shrubs and Supply and Laying of Carpet/ Selection grass in different pockets of Urja Siksha Udhayan, Bilaspur and further maintenance for one year extendable to second and third year depending upon the performance of the contractor/firm.

Plantation is to be carried out by the contractor from the date of allotment. The number of plants may be increased or decreased as per site requirement. The plants shall be supplied and planted by the contractor at his cost.

Following seasonal plants to be supply & planted by firm:-

PLANTATION (Non SOR)				
S.N.	BOTANICAL NAME	COMMON NAME	HEIGHT AT	QUANTITY NO.
1	Nerium oleander dwarf	Nerium dwarf	0.45m	300
2	Hymenocallis littoralis	Spider lily	0.60m	360
3	Duranta erecta	Golden duranta	0.45m	485
4	Heliconia "fire flash"	Heliconia "fire flash"	0.70m	60
5	Costus woodsonii	Costus red	0.70m	125
6	Carpet lawn	Carpet lawn	-	7820 Sqmt
7	Lagerstromia speciosa	Jarul, Pride of india	2.40m	22
8	Jatropha pandurifolia	Jatropha red	0.45m	980
9	Duranta variegated	Duranta variegated	0.45m	270
10	Rhapis excelsa	Rhapis palm	0.75m	20
11	Tabernemontana coronaria variegated	Tagar variegated	0.45m	530
12	Millingtonia hortensis	Akashneem	2.40m	14
13	Plumeria alba	White champa	1.80m	08
14	Ruelia mixed colors	Ruelia mixed colors	0.20m	320
15	Spathodia companulata	Rugtoora, Pichkari	2.40m	16
16	Jasminum sambac	Mogra	0.50m	200
17	Geranium	Geranium	0.50m	330
18	Alpenia zerumbet	Shell ginger	0.60m	200
19	Alpenia purpurea	Red ginger	0.70m	150
20	Strelitzia reginae	Bird of paradise	0.75m	130
21	Canna red dwarf	Canna red dwarf	0.40m	470
22	Canna yellow dwarf	Canna yellow dwarf	0.40m	180
23	Canna orange dwarf	Canna orange dwarf	0.40m	200
24	Stachytarphata indica	Stachytarphata	0.70m	270
25	Bambusa vulgaris	Golden bamboo	1.20m	320
26	Chrysalidocarpus lutescens	Areca palm	1.20m	50
27	Cordyline terminalis "garden party"	Palm lily, cabbage palm	0.60m	130
28	Paspalum lawn	Paspalum lawn	-	650 sqm
29	Adathoda vasica	Adulsa, Adusa, Vasa	0.60m	80
30	Vitex nigundo	Nirgundi	0.40m	100
31	Curcuma longa	Turmeric, haldi	0.30m	450
32	Ocimum sanctum	Tulsi	0.45m	300
33	Hemidesmus indus	Sarsaparilla, Anantmul	0.20m	300
34	Alpinia galanga	Galangal, blue ginger	0.60m	50
35	Hibiscus sabdariffa	Lal ambari, roselle	0.60m	40
36	Lavandula angustifolia	Lavender flower	0.30m	400
37	Cassia absus	Banar, chaksu	0.40m	120
38	Plumbago zeylanica	Plumbago white	0.45m	90

39	Cymbopogon citrus	Lemon grass	0.45m	60
40	Eliptica alba	Bhringaraj	0.30m	400
41	Caralluma fimbriata	Erect herb, Makada singi	0.30m	80
42	Foenum graecum	Fenugreek, Danamethi	0.30m	150
43	Bacopa monnieri	Waterhysop	0.30m	150
44	Centella asiatica	Gotukola	0.20m	400
45	Zingiber officinale	Ginger, adrakh	0.50m	100
46	Andrographis paniculata	Kalamegha	0.30m	100
47	Piper longum	Long pepper, Pipli	0.30m	90
48	Saxifraga ligulata	Pashanbhed	0.20m	70
49	Boerhavia diffusa	Punarnava	0.20m	200
50	Asparagus racemosus	Shatavari	0.20m	1800
51	Caesalpinia bonducella	Kankarej	2.40m	03
52	Coffeo robusta	Coffee tree	1.80m	05
53	Emblica officinalis	Amla	1.80m	03
54	Momordica charantia	Bitter melon fruit	1.80m	02
55	Eugenia jambolana	Java plum, Jamun	2.40m	01
56	Garcinia cambogia	Gummi gutta	1.80m	01
57	Myristica fragrans	Nutmeg	1.80m	02
58	Salacia reticulata	Saptarangi, lolly berry	1.20m	05
59	Murraya exotica hedge	Kamini (hedge)	1.5m	2010
60	Codiaeum "banga love beauty"	Codiaeum mixed color	0.60m	120
61	Codiaeum "variegatum"	Codiaeum variegated	0.60m	75
62	Plumeria forma bicolor + tricolor	Champa bicolor + tricolor	1.80m	36
63	Acalypha wilkesiana ceylon	Acalypha "ceylon"	0.50m	340
64	Mussaenda pink	Mussaenda pink	1.80m	22
65	Mussaenda frondosa	Mussaenda white small	0.50m	220
66	Grevillea robusta	Silver oak	2.40m	5
67	Passiflora climber	Krishna kamal, Jhumkalata	0.30m	60
68	Plumeria rubra	Pink champa	1.80m	16
69	Acalypha wilkesiana "dwarf"	Acalypha "dwarf"	0.50m	510
70	Pentas	Pentas mixed color	0.30m	400
71	Pyrostegia venusta	Sankrant vel, Flaming trumpet	0.30m	100
72	Hibiscus "dwarf" mixed color	Hibiscus "dwarf", Jaswand	0.50m	340
73	Tecomaria capensis	Tecoma orange	0.50m	210
74	Hamelia patens "dwarf"	Hamelia "dwarf"	0.45m	180
75	Pandanus golden grass	Pandanus golden grass	0.30m	1180
76	Alternanthera versicolor	Alternanthera versicolor	0.20m	3050
77	Ophiopogon variegated	Ophiopogon variegated	0.20m	4300
78	Ophiopogon green	Ophiopogon green	0.20m	2700
79	Ruelia mixed color	Ruelia mixed color	0.20m	1000
80	Erythrina variegated	Erythrina, Pangra	2.40m	08
81	Canna red "dwarf"	Canna red "dwarf"	0.3m	300
82	Canna yellow "dwarf"	Canna yellow "dwarf"	0.3m	200
83	Cuphea hyposifolia	Cuphea purple	0.2m	1000
84	Plumbago blue	Plumbago blue	0.45m	300
85	Pennisitum rubrum	Pampas grass red	0.60m	320
86	Allamanda yellow dwarf	Allamanda yellow dwarf	0.45m	500
87	Plumeria rubra	Champa red	1.80m	12
88	Tabebuia donnell smithii	Tabebuia yellow	2.40m	10
89	Salix tetrasperma	Indian willow, binjara	3.00m	4
90	Bauhenia purpurea	Kanchan	2.40m	12
91	Euphorbia lancifolia	Euphorbia lancifolia	1.80m	04
92	Melastoma malabathricum	Melastoma	0.75m	170
93	Pennisitum setaceum	Pampas grass green	0.60m	65

94	Arundo donax	Elephant grass	1.20m	30
95	Wadelia trilobata	Wadelia	-	530 sqm
96	Cassia fistula	Amaltash, bahawa	2.40m	08
97	Bauhenia roxburghiana	Semla kanchan	2.40m	06
98	Schleichera oleosa	Kosam	3.00m	02
99	Anogeissus latifolia	Dhawada	3.00m	01
100	Chloroxylon swietenia	Bhirra	2.40m	02
101	Shorea robusta	Surrei, Sal tree	3.00m	01
102	Butea monosperma	Palash	0.60m	01
103	Manilkara hexandra	Khooja, khirmi	3.00m	01
104	Ailanthus excelsa	Maharukh	3.00m	01
105	Mitragyna parviflora	Kaim, mundi	3.00m	01
106	Crateva adansonii	Barna	2.40m	03
107	Maduca longifolia	Mahua	2.40m	02
108	Dillenia pentagyna	Karmal, Suarukh	3.00m	04
109	Hardwickia binata	Anjan	2.40m	01
110	Erythrina suberosa	Hadua	3.00m	01
111	Lagerstromia parviflora	Lendia	2.40m	04
112	Wendlandia heynei	Tilman	2.40m	03
113	Gardenia latifolia	Papada	2.40m	02
114	Bougainvillea			07
115	FICUS TOPIARY			03
116	Supply & Installation \ Plantation golden		10 feet	100
117	bamboo for partition, 10 feet height			
Total 117 Items				

Variety/Type of plant may be change by the CREDA as per site condition and Requirement. The following activities are required to be carried out;

- i. Digging of pit 75x75x75 cm deep for trees and 60x60x60 cm for shrubs and creepers.
- ii. Supply, distribution and mixing of farm yard manure @ 10.00kg for trees and 5.00kg for shrubs and climbers.
- iii. Refilling of pits.
- iv. Supply and transportation of plants from the nursery to the planting site.
- v. Planting of plants.
- vi. Watering before and after planting.
- vii. Staking of plants as per requirement.
- viii. Treatment of plants for protection from termites with chloropyriphos @ 20 ml per tree, shrubs and creepers.
- ix. Making plant basis around plants minimum of 25cm deep and 60x60cm feet.
- x. The minimum acceptable height or tree will be 120-150 cm with minimum calliper diameter of 2.5cm at a point on the trunk 15cm above natural ground being grown in polythene bags with well-established roots not freshly replanted at ground.
- xi. In all the shrubs and creepers the minimum acceptable size after pruning with branches in normal positions will be a minimum height of 2feet in polythene bags with well- established roots but not freshly replanted from ground.
- xii. The contactor shall be responsible for the maintenance of the new planted trees, shrubs and creepers and shall hand over the plants in healthy condition to the university.
- xiii. Any other horticulture operation for proper growth of plants.

Provisional terms and conditions:-

1. The contractor shall take over the responsibility of already existing plants in the campus and shall maintain the same for the stipulated period. It shall be the responsibility of the contractor to hand over the same number of plants in healthy condition, a part from the additional plants and carpet grass.
2. An amount of 10% be kept as retention money and shall be released on year to Year basis keeping in view the performance of the contractor. For plant casualties, a penalty of Rs. 100.00 per plant shall be deducted.
3. The manpower (only approx. 10 mali) will be provided by CREDA but the supervisors shall be engaged by the contractor himself. If extra requirement of manpower is felt the contractor may engage manpower at his own cost and liabilities.
4. The contractor shall be bound to declare his Manpower along with authorized identity, no an unidentified person on his behalf shall be allowed to enter the campus.
5. **All machinery** i.e. tractor, tanker, trolley, rotator, ploughs ditcher, leveller implements, garden tools and accessories shall be arranged by the contractor at his own cost with their maintenance at his own cost.
6. **Security as well as any maintenance** of the Manpower, materials and machines arranged by the contractor shall be his responsibility at his cost while CREDA shall not be bound for any loss occurred.
7. Maintenance of all plants and lawns during the contract shall be the responsibility of the contractor for any defect to replace dead, dried, damaged or broken trees, shrubs or any other plant material within one week.
8. **Site Register** shall be managed by the contractor for the employment of Manpower and machinery to record their daily progress.
9. Care should be taken only to remove grasses or monsoon wild growth. No tree/shrub is to be removed during execution of work.
10. Site Inspection Book shall be maintained by the contractor at site office. All instructions issued by the authorized persons of CREDA shall be recorded and the same shall be executed by the contractor within the given time.
11. The contractor may bring any material inside the campus for its utilization with proper gate entry with the security personnel but can't take any material outside the EEP area without the written permission of CREDA.
12. No sale, exchange or borrowing of any material i.e. water, plants, cut material of grass, plants or other any material is allowed.
13. **Water source** for the project is ground water but is proper lifting and distribution to each and every plant shall be the responsibility of the contractor at his own cost including all men, materials and accessories.

Site visit:-

Before submitting EOI, the contractors shall visit and examine the site and satisfy themselves about all the prevailing working conditions and no claim what so ever shall we entertained later on. For fixing up appointment to visit the Park, interested party may seek appointment on Mobile no. 8370008651 (Mr. S.K. Shukla, Executive Engineer, CREDA Bilaspur) or Mobile no. 8889031113 (Mr. Alok Tiwari, Assistant Engineer, CREDA Bilaspur) send E-mail:

e-Price Bid**For Any Type of Civil Construction, Repair, Renovation and Maintenance work as per CGPWD SOR 2015 :-**

I/ We hereby quoting rates with respect to PWD SOR 2015 for Any Type of Civil Construction, Renovation in Urja Siksha Udhayan, Rajkishor Nagar, Bilaspur (C.G.).

SN	Description of Items	Rate ₹
1	Rates with respect to PWD SOR 2015 for Civil Construction, Renovation and Maintenance for 3 years in Urja Siksha Udhayan, Rajkishor Nagar, Bilaspur (C.G.)	_____ % below/above S.O.R. 2015

The above rates are including all GST, levies, transportation, handling, loading, unloading, material, Curing of concrete and brick work etc.

Contractor's Signature
Company's SEAL

Place:

Firm name

Representative Full Name

Date:

Designation

A. Abstract of Quantity:

NON SOR ITEM (Electrical)					
S.N.	Description	Unit	QTY.	Rate Per Unit	Total
1	Supply and fixing of Pole light with 360 degree throw of height 3.6m at locations as shown (approximately 10m) Model : K-LITE "ANI" 4975 with 30w LED warm white lamp ,complete in all respect including supply of material , Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	135		
2	Supply and fixing of Single arm Pole light of height 4.5m at 12m c/c distance Model: Pole lights as per approval of architect with minimum 30w output, complete in all respect including supply of material Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	17		
3	Supply and fixing of Flood light 1 no. mounted on 6m height pole at location as shown on drawing Model: K-LITE "ASTRON-PRIME" 4202 with 3X60w LED warm white lamp, complete in all respect including supply of material, Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	12		
4	BOLLARD SMALL 1 no. 620MM height at location as shown on drawing Model : K-LITE " "with 1X16w LED warm white lamp	Each	314		
5	BOLLARD HIGH 1 no. 1000MM height at location as shown on drawing Model : K-LITE " "with 1X24w LED warm white lamp	Each	131		
6	Supply and fixing of Underwater spot lights Model: K-LITE 4131 with 24v dc 6w LED warm white lamp, complete in all respect including supply of material, Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	12		
7	Supply and fixing of Underwater spot lights Model: K-LITE 4130 with 24v dc 18w LED color changing lamp (RGB), complete in all respect including supply of material, Fixing and Wiring i.e. as per drawing and instruction of engineer in charge.	Each	20		
8	TREE HIGH LIGHTER Model : K-LITE SPIKE LIGHT with 12w LED Warm White	Each	90		
9	WALL HIGH LIGHTER Model : K-LITE BRACKET LIGHT with 12w LED Warm White	Each	25		
10	STEP LIGHT Model : K-LITE PATH FINDER LIGHT with 12w LED Warm White	Each	96		
11	UP DOWN Model : K-LITE UP DOWN LIGHTER with 2X6w LED Warm White	Each	20		
12	SURFACE MOUNTED DOWN LIGHTER / HANGING LIGHT Model : K-LITE DOWN LIGHTER with 12w LED Warm White	Each	18		
13	WATER PROOF LED STRIP Model : K-LITE LED STRIP with 18w Per Meter LED Warm White	Mtr.	200		
14	Supply and laying of 25 mm dia PVC ROLL PIPE for landscape /gate lighting with excavation and back filling as per standard	Metre	5000		
15	Supply and laying of 32 mm dia PVC ROLL PIPE for landscape /gate lighting with excavation and back filling as per standard	Metre	5000		
16	Supply, Installation, testing & commissioning of 1100 V GRADE XLPE INSULATED MULTISTRAND copper Conductor Armored cables in existing above HDPE pipe with necessary fixing as required including end termination providing and fixing of identification tags etc. as directed by Engineers in charge. (supply of cable glands and lugs are not in scope)				
	(A) 3 core 2.5 sqmm Cu. Armored Cable	Metre	7500		
	(B) 4 core 4 sqmm Cu. Armored Cable	Metre	4000		
	(C) 4 core 6 sqmm Cu. Armored Cable	Metre	1500		
Total 18 Items					

B. Abstract of Quantity:

Non SOR Items					
S.No.	Particulars	Quantity	Unit	Rate	Amount
1	WHEEL BASE (Non SOR)	8	No.		
2	6mm TH. TRANSPARENT CURTAIN STRIP (Non SOR)	124.8	Rmt.		
3	Providing Foam finishing in vertical portion of the graffiti area (Non SOR)	219	Sq.mt.		
4	Soft Cricket Bowling Machine	2	Nos.		
5	Providing Foam finishing in vertical portion of the graffiti area. (Non SOR)	228.02	Sq.mt.		
6	Providing & fixing in position Basket Ball pole over base plate with foundation bolt anchorage including Goal bucket arrangement with polyester mesh and other accessories (Non SOR)	2	Nos.		
7	Cast Article of Iron Decorative Garden Bench with FRP Planks (Non SOR)	8	Nos.		
8	Open gym equipment's - provided and fixing on a foundation as per specification of the equipment in the given area in the drawing.	22	no.		
9	ABS Trainer	1	no.		
10	Leg Lift Press	1	no.		
11	Leg Extension	1	no.		
12	Air Walker	1	no.		
13	Leg Press	1	no.		
14	Twister Double	1	no.		
15	Chest Press	1	no.		
16	Are & Paddle Bike	2	no.		
17	Shoulder Press	1	no.		
18	15 mm thick Table rubbed polished Granite stone slab flooring laid over 20mm (Average) thick base of cement mortar 1:4 (1 cement:4 coarse sand) laid and jointed with grey cement slurry including rubbing and polishing etc. Steel Grey Lappato finish Non SOR	15.30	sqm		
19	FLOOR	134.50	sqm		
20	COLUMN PADISTAL	3.60	sqm		
21	Steps	11.84	sqm		
22	Cast Article Of Iron Decorative Gazebo With Roofing Shingles. (SIZE-480X480cm-OCTAGONAL) Non SOR	5	No.		
23	Providing and fixing Rubber flooring providing and laying 24mm rubber slabs with 100mm PCC bed for leveling the ground. (NON SOR)	490	sqm		

S.No.	Particulars	Quantity	Unit	Rate	Amount
24	100mm Wide Granite Lining with Lappato finish and Edge polish both side. (ONLY LAPPATOFINISH) (NON SOR)	30	Rm		
25	12.45.3 Granite stone lakha red/shahired	45	sqm		
26	Play equipment as per selected items and rate provided by Arihant play.				
27	Double Roller Slide Height 5'	1	No.		
28	Mini Wave Slide Deluxe - Ht. 3'	1	No.		
29	FRP Roller Slide Ht. - 5'	1	No.		
30	Double Wave Slider Premium Ht. - 5'	1	No.		
31	Duck Merry go Round	1	No.		
32	Net Rock Climber Ht. - 5'	1	No.		
33	Delux 2 Seater see saw	1	No.		
34	Setelite marry go round	1	No.		
35	Two Seater swing	1	No.		
36	Delux Four Seater See Saw	1	No.		
37	Two seater Bucket Swing	1	No.		
38	Metalic Revolving Plate form	1	No.		
39	Turbo Tower	1	No.		
40	Four Seater Merry Go round	1	No.		
41	Combination set four in one for kids ht.- 3'	1	No.		
42	Four Seater Arc Swing	1	No.		
43	Monkey Bar / Horizontal Ladder	1	No.		
44	Pendulum Single	1	No.		
45	Providing & fixing Random Stones for Turtle PO	90	MT		
46	Providing & Fixing Natural River Sand Stone	3000	Kg.		
47	Providing & Fixing Random Stones for KOI POND	545.476	Cum.		
48	Providing & Fixing Natural River Sand Stone	3000	Kg.		
49	Supply & Installation of Saint Gobain CertainTeed Roofing Shingles . Series : Landmark PRO. Guarantee : Life Time Color : Burnt Sienna + Rashawn shake (Triangle - 0.5x4x2 = 4 Sq.mt.x4 Nos. = 16Sq.mt. for each (Non SOR)	16	Sqmt.		
50	Supply & Installation of Saint Gobain CertainTeed Shadow HIP & Ridge accessory. (2.83m X 4 Nos. + 4m X4 Nos. = 27.32 Rmt for each (Non SOR)	27.5	Rmt.		
51	Supply & Installation of Saint Gobain Roof Runner for underlayment. (Non SOR)	16	Sqmt.		
52	Supply & Installation of STP MAKE STARTER. (Non SOR)	27.5	Rmt.		
53	Supply & Installation of Saint Gobain CertainTeed Roofing Shingles . Series : Landmark PRO. Guarantee : Life Time Color : Burnt Sienna + Rashawn shake (Non SOR)	94.66	Sqmt.		
54	Supply & Installation of Saint Gobain CertainTeed Shadow HIP & Ridge accessory. (Non SOR)	65	Rmt.		

55	Supply & Installation of Saint Gobain Roof Runner for underlayment. (Non SOR)	94.66	Sqmt.		
56	Supply & Installation of STP MAKE STARTER. (Non SOR)	65	Rmt.		
57	Drain Grill Size 300 mm X 300 mm (1 No.)	2	No		
58	Gratings size 295 mm X 22 mm Ht (60 M+40 M)	100	M		
59	Wall Inlet 50mm (12 No. + 8 No.) Astral Pool /	20	No		
60	Filter Plant 650 DIA + Filter Media + 1.5" MPV (For Cascade Fountain) Astral Pool / Certikin	1	Set		
61	Filter Plant 900 DIA + Filter Media + 2.5" MPV (For Ring Fountain) Astral Pool / Certikin	1	No		
62	Filter Pump Capacity 1.0 HP (1 No.W + 1 No. SB) (For Cascade Fountain) Astral Pool / Certikin	2	No		
63	Filter Pump Capacity 3.0 HP (1 No. W + 1 No. SB) (For Ring Fountain) Astral Pool / Certikin	2	No		
64	Starter Panel (Smart) For 1 HP 2 No. Pump	2	No.		
65	A. Dry Run / No Flow Protection, B. Low /High Voltage Protection, C. Timer based switch off Apex Pools / Eq.	1	Set		
66	Starter Panel (Smart) For 3 HP 2 No. Pump - A. Dry Run / No Flow Protection, B. Low /High Voltage Protection, C. Timer based switch off Apex Pools / Eq.	1	Set		
67	Inline Tablet Dozer Astral Pool / Certikin	2	No		
68	Dosing Tank Apex Pools / Eq.	4	No		
69	COMBO PACK with 10 kgs TCCA, Alginex Test Kit Apex Pools / Eq.	2	Pack		
70	Cog Floc / Non Ferric Alum (25 Kg) Apex Pools /	2	Pack		
71	Non Stabilized Chlorine (25 Kg) Apex Pools / Eq.	6	Pack		
72	pH Reducer (Dry Acid) /pH Enhancer (25 Kg) A	2	Pack		
73	Vacuum Head 18" Aquatics USA /Eq.	1	No		
74	Telescopic Handle 2.4 -4.8 M Astral Pool / Certik	1	No		
75	Telescopic Handle 7.5 M Astral Pool / Certikin	1	No		
76	Vacuum Hose 30 M 1.5" Apex Pools / Eq.	1	No		
77	Cleaning Curved Brush Astral Pool / Certikin	2	No		
78	Deep Bag Net Astral Pool / Certikin	2	No		
79	Trolley Mounted Self Priming Pump 1.0 HP + 100 ft 1 Sq. mm Cu Flexible cable + Starter Apex Pools / Eq.	1	No		
80	Submersible Pump 5.0 HP (Service Pump for replacement of emergency running pump failure) 1 No. for Ring fountain Kirloskar/Eq.	1	No		
81	Submersible Pump 7.5 HP (Service Pump for replacement of emergency running pump failure) 1 No. for Ring fountain + 1 No. for cascade Fountain Kirloskar/Eq.	2	No		
82	LED Lights RGB 18 W / 12 V LED Stand Mounted Lights for Nozzle Fountain (40 Nos. Working + 10 No Service) for Ring Fountain Apex Pools /Eq.	50	No.		

83	LED Lights RGB 9 W / 12 V LED Stand Mounted Lights for Nozzle Fountain (50 Nos. Working + 10 No Service) for Cascade Fountain Water fall) Apex Pools / Eq.	60	No.		
84	LED 6 W/ 12 V LED Light Surface Mounted for Cascade fountain basin litup Apex Pools / Eq.	20	No		
85	Electrical Panel for LED Lights (1 No. For Ring Fountain + 1 No. for Cascade Fountain) complete in all respect Apex Pools / Eq.	2	set		
86	CRCA powder coated Cover Enclosure IP 65 for 1 No. 100 AMP 4 pole incomer MCB for existing electrical panel of Cascade Fountain with Ammeter / V Meter & colour coded wiring Apex Pools / Eq.	1	No		
87	CRCA powder coated Cover Enclosure IP 65 with 1 No.63AMP 4 pole incomer MCB for new pump & Lights electrical panel of Cascade Fountain with Ammeter/ V Meter & color coded wiring etc. complete Apex Pools / Eq.	1	Set		
88	CRCA powder coated Cover Enclosure IP 65 with 1 No.63 AMP 4 pole incomer MCB for new pump & Lights electrical panel of Nozzle Fountain with Ammeter / V Meter & color coded wiring etc. complete Apex Pools / Eq.	1	set		
89	All Fountain / Filter system Plumbing in Such 40 uPVC piping for pressurized lines & 6 PN RPVC for over flow lines including all Fitting , control valves , pipe supports assuming maximum distance of plant room from Fountain bodirs is 10 Mtr Astral / Supreme /Finolex	1	Job		
90	Drawing & Designing, Civil work guidance, Existing equipment Re-Installation & Commissioning	1	Job		
91	FOUNTAIN AUTOMATION SYSTEM Supply , Installation & commissioning of All associated solenoid valves (Qty - 1 Set. as per requirement) ,associated Cable work , PLC & VFD for pump & Light Panel) Apex Pools / Eq.	1	Job		
92	Other Cast Article Of Iron Decorative Garden Bench With FRP Planks.	100	No.		
93	Stone seat without backrest as per selection, Approximate size - 1200mm X 500mm	8	No.		
94	Stone seat without backrest as per selection similar to image shown	12	No.		
95	OAT SCREEN (DETAILS ARE ATTACHED SEPARATELY)	Annxture -1 Below Attached			

Annexure-1

CREDA Park, Open Air Theatre Audio Visual BOQ (Headphone Solution)

Sr. No.	Item	Description	Qty	Unit	Unit Price	Total Price
95.1	Projector	Laser Projector Projection System: OLP Sing l e 0.67" WUXGA; Image Size: W:254.4 Inch x H: 159 Inch, Diagonal 300 Inch OLP Single 0.67" WUXGA, DMD type: DC3 DMD Chip , Native Resolution: 1920 x 1200 pixels, Brightness: 7,000 ANSI Lumens, Contrast Ratio: 3,000,000 : 1, Display Color: 1.07 Billion Colors, Aspect Ratio Native: 16 : 10 (5 aspect ratio selectable), Projection Size: 50" ~ 300", Standard Lens, Lens Shift Vertical: 15% ~ 55% / Horizontal: -5%~5%, Standard Lens, Light Source Type: Laser Diodes, Light Source Life: 20,000 / 38,000 / 70,000 Hours (Normal / Eco / Dimming mode), Keystone Adjustment: Vertical: ± 30 degrees, Horizontal: ± 30 degrees, Resolution Support: VGA (640 x 480) to WUXGA (1920 x 1200), Horizontal Frequency: 15 ~ 102KHz, Vertical Scan Rate : 23 ~ 120 Hz, HDTV / Video Compatibility: 480i, 480p, 576i, 567p, 720p, 1080i, 1080p / NTSC, PAL, SECAM, Built-in Speaker: 20W (10W x 2), Security: Security Bar, Kensington anti-theft lock slot, Feature: Rec.709 96%. Blank to True Black. 4K Compatible. DICOM Simulation Mode. 360 Degree and Portrait Projection. Corner fit. Custom Light source Mode (light power adjustment). Dust Proof Engine. 24/ 7 Hours Operating. FW upgrade by LAN. Blanking. Dynamic Dimming, Additional Feature: Blue Core Laser, HDBT, AMX, Creston, PJ IINK,	1	Set		
95.2	Short Throw Lens	Resolution: 108 0p (Full HD); Zoom Ratio: 1.67:1; Throw Ratio: 3.11~5.18	1	Set		
95.3	Projector Housing	Projection housing enclosure with Control Interface for setup and monitoring of temperature, humidity and status indicators. Power control circuit with PIO Management system compatible with the projection housing unit and display unit.	1	Set		
95.4	ROM Control Panel	ROM Control panel with independent Digital Led Display for Monitoring of Temperature and Humidity, exhaust control circuit, heating circuit, and power distribution for the projectors.	1	Set		
95.5	HDMI Transmitter	4K HDMI, Bidirectional RS-232 & IR over HD Base T Twisted Pair Transmitter range up to 70mtr, for the camera & video conferencing, Input: 1 HDMI connector & Output: HD Base T twisted pair RJ-45 connector etc. Complete as required.	1	Set		
95.6	HDMI Receiver	4K HDMI, Bidirectional RS-232 & IR over HD Base T Twisted pair receive arrange up to 70mtr, input : HD Base T twisted pair on RJ-45 connector & output on HDMI connector etc.	1	Set		

95.7	Media Player	Media processor: Realtek RTD1619DR, Operating memory: 2 GB, Flash memory: 16 GB, Wi-Fi: Dual Band 2.4+5 GHz 802.11b/g/n/ac 2T2R, two external Wi-Fi antennas, Bluetooth: Bluetooth 5.0, Casing: metal, Front panel display: multi-segment LED display HH:MM , Power supply: external, DC 12V (2A), AC 100-240V, Operating System: Linux-based Dune HD OS+ Android 9.0, Media sources: external HDDs (USB), USB devices (USB flash drive, USB card reader, etc.), built-in micro SD card slot, external optical disc drives (USB), PC and NAS in local network (SMB , NFS, UPnP/ DLNA, HTTP), other Internet and local network media sources, 2x USB 3.1 host: conveniently connect USB HDDs, USB flash drives, USB card readers, USB DVD/BO drives, USB hubs and other USB devices , Micro SD card slot: micro SD memory cards, HDMI 2.0b output : output any video signal up to the most modern 4Kp60 HOR, A/V output : connect to any A/V equipment, (composite video + analog stereo audio), Optical S/PDIF: output digital audio to A/V receiver or external DAC via S/PDIF, Ethernet 10/100/1000 Mbit/s: ensure the best performance when connecting to your local network via cable, IR input port and IR extender: connect an IR extender for improved player installation flexibility. IR extender is included, Power input : 12V DC	1	Set		
95.8	Audio Access Point	Digital 4 channel access point transceiver, EU version , with integrated antennas, Ethernet port, USB-C, Dante interface (POE), 4 analog in- and outputs, integrated wall and stand mount, incl. power supply	1	Set		
95.9	Digital Body Pack Receiver	Digital body pack receiver, EU version, with OLEO-display stereo mini-jack, USB-C, int. Li-Ion battery, incl. belt clip, strap	100	No.		
95.10	Digital Body Pack Transmitter	Digital body pack Transmitter, EU version, with OLEO-display, stereo mini-jack, USB-C, int. Li-Ion battery, incl. belt clip, strap	1	Set		
95.11	Headphones	Headphone s, 2 x 32 ohms, with cable 0.8 m (2.6 ft.), stereo mini-jack, for tour guide systems	101	No.		
95.12	Charging Case	Charging & carrying case for up to 36 Unite pocket transmitter s/ receivers, Ethernet port, int. power supply	3	Set		
95.13	Display for Monitoring purpose	SITC of 43 LED Display, Type 60 HZ LED BLU Resolution 1920 X 1080 (16:9), Pixel pitch (mm) 0.16333 mm (H) x 0.49005 mm (v), Active Display area 940.89mm(H) x 529.25 mm M , Brightness 300 nits, contrast ratio 3000 :1, Response Time: 8ms; Built in speaker(10 W +10 W), inputs : RGBDVI-1, HDMI 1.4 (2), HDCP 1.4Component (CVBS Common), Audio Input: Stereo Mini Jack, RGB/DVI/HDMI/CVBS/Component Audio; USB 2.0 x 1; Output: Stereo Mini Jack, EtherneVR-S232,RJ45, remote control etc. with wall mounting bracket.	1	Set		
95.14	Cables	Shielded Cat 6 Twisted Pair Cable SITC of 23AWG CAT6 Shielded cable for HDBT signal transmission (as per actual). Complete as per tender specification.	200	Mtr.		

95.15	Cables	Un-Shielded Cat6 Twisted Pair Cable SITC of 23AWG CAT6 Un-Shielded cable for ROM Panel (as per actual). Complete as per tender specification.	200	Mtr.		
95.16	HDMI Cable	SITC of Flexible 4K, 18 GBPS HDMI Cable : 1 Mtrs. Complete as per tender specification	2	No.		
95.17	Paint for Projection Screen	High Contrast Paint for Screen Size: Diagonal 300" Image Size: W:284.4 Inch x H: 159 Inch	1	No.		
95.18		Equipment Rack	1	No.		
Total 112 Items						

D. Abstract of Quantity:

PLANTATION (Non SOR)						
S.N.	BOTANICAL NAME	COMMON NAME	HEIGHT AT	QUANTITY NO.	Unit Rate	Total Amount
1	Nerium oleander dwarf	Nerium dwarf	0.45m	300		
2	Hymenocallis littoralis	Spider lily	0.60m	360		
3	Duranta erecta	Golden duranta	0.45m	485		
4	Heliconia "fire flash"	Heliconia "fire flash"	0.70m	60		
5	Costus woodsonii	Costus red	0.70m	125		
6	Carpet lawn	Carpet lawn	-	7820 Sqmt		
7	Lagerstromia speciosa	Jarul, Pride of india	2.40m	22		
8	Jatropha pandurifolia	Jatropha red	0.45m	980		
9	Duranta variegated	Duranta variegated	0.45m	270		
10	Rhapis excelsa	Rhapis palm	0.75m	20		
11	Tabernemontana coronaria variegated	Tagar variegated	0.45m	530		
12	Millingtonia hortensis	Akashneem	2.40m	14		
13	Plumeria alba	White champa	1.80m	08		
14	Ruelia mixed colors	Ruelia mixed colors	0.20m	320		
15	Spathodia companulata	Rugtoora, Pichkari	2.40m	16		
16	Jasminum sambac	Mogra	0.50m	200		
17	Geranium	Geranium	0.50m	330		
18	Alpenia zerumbet	Shell ginger	0.60m	200		
19	Alpenia purpurea	Red ginger	0.70m	150		
20	Strelitzia reginae	Bird of paradise	0.75m	130		
21	Canna red dwarf	Canna red dwarf	0.40m	470		
22	Canna yellow dwarf	Canna yellow dwarf	0.40m	180		
23	Canna orange dwarf	Canna orange dwarf	0.40m	200		
24	Stachytarphata indica	Stachytarphata	0.70m	270		
25	Bambusa vulgaris	Golden bamboo	1.20m	320		
26	Chrysalidocarpus lutescens	Areca palm	1.20m	50		
27	Cordyline terminalis "garden party"	Palm lily, cabbage palm	0.60m	130		
28	Paspalum lawn	Paspalum lawn	-	650 sqm		
29	Adathoda vasica	Adulsa, Adusa, Vasa	0.60m	80		
30	Vitex nigundo	Nirgundi	0.40m	100		
31	Curcuma longa	Turmeric, haldi	0.30m	450		
32	Ocimum sanctum	Tulsi	0.45m	300		
33	Hemidesmus indus	Sarsaparilla, Anantmul	0.20m	300		
34	Alpinia galanga	Galangal, blue ginger	0.60m	50		
35	Hibiscus sabdariffa	Lal ambari, roselle	0.60m	40		
36	Lavandula angustifolia	Lavender flower	0.30m	400		
37	Cassia absus	Banar, chaksu	0.40m	120		
38	Plumbago zeylanica	Plumbago white	0.45m	90		
39	Cymbopogon citrus	Lemon grass	0.45m	60		
40	Eliptica alba	Bhringaraj	0.30m	400		
41	Caralluma fimbriata	Erect herb, Makada singi	0.30m	80		
42	Foenum graecum	Fenugreek, Danamethi	0.30m	150		
43	Bacopa monnieri	Waterhysop	0.30m	150		
44	Centella asiatica	Gotukola	0.20m	400		

45	Zingiber officinale	Ginger, adrakh	0.50m	100		
46	Andrographis paniculata	Kalamegha	0.30m	100		
47	Piper longum	Long pepper, Pipli	0.30m	90		
48	Saxifraga ligulata	Pashanbhed	0.20m	70		
49	Boerhavia diffusa	Punarnava	0.20m	200		
50	Asparagus racemosus	Shatavari	0.20m	1800		
51	Caesalpinia bonducella	Kankarej	2.40m	03		
52	Coffeo robusta	Coffee tree	1.80m	05		
53	Emblca officinalis	Amla	1.80m	03		
54	Momordica charantia	Bitter melon fruit	1.80m	02		
55	Eugenia jambolana	Java plum, Jamun	2.40m	01		
56	Garcinia cambogia	Gummi gutta	1.80m	01		
57	Myristica fragrans	Nutmeg	1.80m	02		
58	Salacia reticulata	Saptarangi, lolly berry	1.20m	05		
59	Murraya exotica hedge	Kamini (hedge)	1.5m	2010		
60	Codieum "banga love beauty"	Codieum mixed color	0.60m	120		
61	Codieum "variegatum"	Codieum variegated	0.60m	75		
62	Plumeria forma bicolor + tricolor	Champa bicolor + tricolor	1.80m	36		
63	Acalypha wilkesiana ceylon	Acalypha "ceylon"	0.50m	340		
64	Mussaenda pink	Mussaenda pink	1.80m	22		
65	Mussaenda frondosa	Mussaenda white small	0.50m	220		
66	Grevillea robusta	Silver oak	2.40m	5		
67	Passiflora climber	Krishna kamal, Jhumkalata	0.30m	60		
68	Plumeria rubra	Pink champa	1.80m	16		
69	Acalypha wilkesiana "dwarf"	Acalypha "dwarf"	0.50m	510		
70	Pentas	Pentas mixed color	0.30m	400		
71	Pyrostegia venusta	Sankrant vel, Flaming trumpet	0.30m	100		
72	Hibiscus "dwarf" mixed color	Hibiscus "dwarf", Jaswand	0.50m	340		
73	Tecomaria capensis	Tecoma orange	0.50m	210		
74	Hamelia patens "dwarf"	Hamelia "dwarf"	0.45m	180		
75	Pandanus golden grass	Pandanus golden grass	0.30m	1180		
76	Alternanthera versicolor	Alternanthera versicolor	0.20m	3050		
77	Ophiopogan variegated	Ophiopogan variegated	0.20m	4300		
78	Ophiopogan green	Ophiopogan green	0.20m	2700		
79	Ruelia mixed color	Ruelia mixed color	0.20m	1000		
80	Erythrina variegated	Erythrina, Pangra	2.40m	08		
81	Canna red "dwarf"	Canna red "dwarf"	0.3m	300		
82	Canna yellow "dwarf"	Canna yellow "dwarf"	0.3m	200		
83	Cuphea hyposifolia	Cuphea purple	0.2m	1000		
84	Plumbago blue	Plumbago blue	0.45m	300		
85	Pennisitum rubrum	Pampas grass red	0.60m	320		
86	Allamanda yellow dwarf	Allamanda yellow dwarf	0.45m	500		
87	Plumeria rubra	Champa red	1.80m	12		
88	Tabebuia donnell smithii	Tabebuia yellow	2.40m	10		
89	Salix tetrasperma	Indian willow,	3.00m	4		

		binjara				
90	Bauhenia purpurea	Kanchan	2.40m	12		
91	Euphorbia lancifolia	Euphorbia lancifolia	1.80m	04		
92	Melastoma malabathricum	Melastoma	0.75m	170		
93	Pennisitum setaceum	Pampas grass green	0.60m	65		
94	Arundo donax	Elephant grass	1.20m	30		
95	Wadelia trilobata	Wadelia	-	530 sqm		
96	Cassia fistula	Amaltash, bahawa	2.40m	08		
97	Bauhenia roxburghiana	Semla kanchan	2.40m	06		
98	Schleichera oleosa	Kosam	3.00m	02		
99	Anogeissus latifolia	Dhawada	3.00m	01		
100	Chloroxylon swietenia	Bhirra	2.40m	02		
101	Shorea robusta	Surrei, Sal tree	3.00m	01		
102	Butea monosperma	Palash	0.60m	01		
103	Manilkara hexandra	Khooja, khirmi	3.00m	01		
104	Ailanthus excelsa	Maharukh	3.00m	01		
105	Mitragyna parviflora	Kaim, mundi	3.00m	01		
106	Crateva adansonii	Barna	2.40m	03		
107	Maduca longifolia	Mahua	2.40m	02		
108	Dillenia pentagyna	Karmal, Suarukh	3.00m	04		
109	Hardwickia binata	Anjan	2.40m	01		
110	Erythrina suberosa	Hadua	3.00m	01		
111	Lagerstromia parviflora	Lendia	2.40m	04		
112	Wendlandia heynei	Tilman	2.40m	03		
113	Gardenia latifolia	Papada	2.40m	02		
114	Bougainvillea			07		
115	FICUS TOPIARY			03		
116	Supply & Installation \ Plantation golden bamboo for partition, 10 feet height		10 feet	100		
Total 116 Items						

The Quantity and work may be amended as per site Situation and requirement and as per the Engineer in-charge.

Contractor's Signature
Company's SEAL

Place:

Firm name

Representative Full Name

Date:

ANNEXURE - I

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. 86373/CREDA/HOR/EEP Bilaspur/201-22 Dated : 03.11.2021 (also referred to as "Service Contract") is made on theth day of _____ 2021.

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) M/s..... Represented bya 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 "Civil contractor registered or worked with C.G. PWD, for Expression of Interest (EOI) cum QCBS tender for Standardization of rates and Empanelment of Consultant/ Contractor for the work of design, drawing, Specialized Development of horticulture & Electrical aesthetic appearance and Up-gradation, works and Related Civil works and its execution and Maintenance etc. in Urja Siksha Udhayan, Bilaspur (C.G.)Wide Bid No. 86373/CREDA/HOR/EEP Bilaspur/2021-22 Dated : 03.11.2021 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 Contractor 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 empanelment of Civil contractor registered or worked with C.G. PWD for CREDA invites QCBS tender cum EOI for Standardization of rates and Empanelment of Consultant/Contractor for the work of design, drawing, Specialized Development of horticulture & Electrical aesthetic appearance and Up-gradation, works and Related Civil works and its execution and Maintenance etc. in Urja Siksha Udhayan, Bilaspur (C.G.)" as described in Bid documents. (Annexed to the agreement).
- 2) The NIT (Notice Inviting Bid), 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 Item/Items and Annexure therein, engineering documents, detailed specifications of BOS, so far they relate to the Bid No. 86373/CREDA/HOR/EEP Bilaspur/2021-22 Dated: 03.11.2021 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 contractor 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 Bid 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 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.
- 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 INTEGRATOR'S DEFAULT LIABILITY -

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

- (a) If in the opinion of the CREDA, the eligible bidder fails to complete the supply within the time specified in the supply Order or within the period for which extension has been granted by CREDA to the eligible bidder.
- (b) If in the opinion of CREDA, the eligible bidder 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 paragraph (a) above, CREDA reserves the right to engage another eligible bidder or agency upon such terms and in such a manner as it may deem appropriate and the eligible bidder shall be liable to CREDA for any additional costs or any losses caused to CREDA as may be required for the supply of Item/Items (Shown in EOI) 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.
- (d) In the event CREDA does not terminate the contract as provided in paragraph (a) the eligible bidder shall continue performance of the contract, in which case he shall be liable to CREDA for penalty for delay as set out in this Bid document until the work is completed.

8) FORCE MAJEURE -

The eligible bidder 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 Item/Items (Shown in EOI) etc. 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 bidder 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 bidder 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 bidder on receipt of such notices shall rectify or replace the defective material and rectify the work free of cost. If the eligible bidder 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 bidder plus **15%** service charges of the cost of such rectification, from the eligible bidder 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 bidder 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 -

If the completion of installation is delayed due to any reason beyond the control of the eligible bidder, the eligible bidder shall without delay give notice 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 Item/Items (Shown in EOI) as may be reasonable but without prejudice to other terms and conditions of the contract.

11) PENALTY FOR DELAY IN COMPLETION OF CONTRACT -

If the eligible bidder fails to complete the assigned work within the schedule time specified in the sanction order or any extension granted there to, CREDA will recover from the bidder as penalty a sum of half percent (0.5%) of the system price excluding GST/Tax for every delayed system per week. 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.

However, imposition of such penalty shall be discretion of CREDA. This penalty may be decrease, increase or waved off due to various justified reasons on ground with recommendations of field staff on record. Period declared as lockdown or local quarantine /containment zones due to Covid-19 pandemic shall be waived off for the purpose of penalty.

Review of the progress of supply of the items or works allocated to bidders shall be done time to time by CREDA and if the progress of progress of the work is found unsatisfactory, the allocation of entire remaining works or their part of can be re-allocated to other bidders as per discretion of CREDA.

12) PENALTY DUE FROM THE ELIGIBLE BIDDER-

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

13) ELIGIBLE BIDDER'S RESPONSIBILITY -

Notwithstanding anything mentioned in the specifications of subsequent approval or acceptance of the Item/Items (Shown in EoI) 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/plant/equipment's for incorporation therein the period for which the eligible 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.

15) RESPONSIBILITY TOWARDS THE WORKMAN OR OUT SIDERS -

- The eligible bidder shall have to take insurance coverage from any authorized Insurance Company against Workmen compensation due under Workmen Compensation Act and submit copy of the insurance document before issuance of Work Order.
- 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.
- All the expenditure including treatment or compensation will be entirely borne by the eligible bidders. The eligible bidder shall also be responsible for any claims of the workers including PF, Gratuity, ESI & other legal obligations.
- Bidder shall have to submit Bill within **60 days** after supply/work of Item/Items.

16) Contractor shall provide Electrical and Plantation Items (Shown in EOI) from the date of supply as per the terms & conditions prescribed in the Bid No. 86373/ CREDA/HOR/EEP Bilaspur/2021-22 Dated: 03.11.2021.

17) DECLARATION OF CONFLICT OF INTEREST:

i. The bidder shall not be permitted to Bid for the work if the section of HO CREDA (responsible for implementation of work) in which his near relative is posted. Furthermore, successful bidder shall not be given work in the district in which his near relative is posted. Bidder shall also intimate the names of his near relatives working in the CREDA. Bidder shall also intimate the name of persons who are working with him in any capacity and who are near relatives to any employee in CREDA. Any breach of this condition by bidder would render himself liable to be blacklisted for three years and removed from approved list of bidder.

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.

ii. Bidder must produce an affidavit (Annexure-20) 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) INSURANCE

(a) The contractor shall arrange insurance coverage for the materials and Item/Items (Shown in EOI) at his/ for the supply/work under execution and successful commissioning and subsequent handover to the CREDA. The contractor 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.

(b) Bidder shall arrange for insurance coverage for Item/Items (Shown in EOI) during COMC period i.e. for 03 years from the date of supply/Work. Insurance should cover for damage and theft. In case of such incidence, bidder must replace the lost/damaged part within 7 days.

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 bidder and the CREDA having bearing on execution of supply/Work and payments of supply/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) Contractor 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. 86373/CREDA/HOR/EEP Bilaspur/2021-22 Dated: 03.11.2021 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

Name :
Designation :

Witness:

1. Name:-.....
Address:-.....
.....
2. Name:-.....
Address:-.....
.....

Signed on behalf of CREDA

Name:
Designation:

1. Name:-.....
Address:-.....
.....
2. Name:-.....
Address:-.....
.....

SCHEDULE - I
PART 'A': GENERAL INFORMATION

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

01. Name & Address of the Bidder :
02. Name & Address of the firm/Company etc. :
- a) Registered office :
- b) Factory/works address :
- c) Fax Nos. :
- d) Telephone / Mobile Nos. :
- e) Email id :
03. Confirm whether Bidder is Manufacturer : Yes/No
04. 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 :
05. Whether the firm is SSI/MSME 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 :
- e) Whether latest copy Competency/ Certificate furnished : Yes/No
06. Whether the firm is 100% owned by
- a) State Government : Yes/No
- b) Central Government : Yes/No
- If yes, Notification/certificate issued from : Yes/No
- The competent authority to this effect is enclosed
07. a) Whether the bidder is old participant with CREDA : Yes/No
- b) If yes, whether documentary Evidence is enclosed. : Yes/No
08. Any other information that bidder may like to give in order to highlight his bid : If yes, give details

PLACE :

SIGNATURE OF BIDDER

NAME IN FULL

DATE:

DESIGNATION/STATUS

FIRM/COMPANY SEAL

PART 'B': COMMERCIAL INFORMATION

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

01. i) Earnest Money Details : Bank draft/Bankers cheque payable to "CREDA", Raipur
- ii) Amount of E.M.D. & full details : ₹.
- iii) Reference of documentary evidence regarding exemption enclosed. : Yes/No
02. Whether the offer is valid for 6 months from the date of opening of commercial/technical bid. : Yes/No
03. Rate of Sales Tax on the date of bid (exclusive in the rate quoted) :
04. **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
05. **PAYMENT TERMS:**
Whether CREDA's terms of payment is acceptable to BIDDER : Yes/No
06. **COMPLETION PERIOD OF WORK:**
Whether BIDDER is agreeing for completion period of work as Specified in the EoI : Yes/No
07. **PENALTY CLAUSE:**
Whether agreeable to CREDA's Penalty Clause : Yes/No
08. Whether agreeable to CREDA's clause of warrantee period : Yes/No
09. **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 - II
PART 'C': TECHNICAL INFORMATION

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

- | | | |
|-----|--|------------------------------------|
| 01. | Whether material offered is exactly as per technical specification | : Yes/No |
| 02. | Whether the copies of orders received during last 3 years from other State Nodal Agency or from other Organization for similar materials enclosed. | : Yes/No
(if yes, give details) |
| 03. | Whether performance certificate from such Organization regarding supplies is enclosed. | : Yes/No
(if yes, give details) |
| 04. | Whether pamphlets/technical details literatures along with drawing etc. furnished with the offer | : Yes/No
(if yes, give details) |
| 05. | 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 |
| 06. | Whether the BIDDER has furnished details of manufacturing equipments and short history of plant | : Yes/No
(if yes, give details) |
| 07. | Whether details of manufacturing process furnished with offer. | : Yes/No
(if yes, give details) |
| 08. | a) Whether all testing facilities are available.
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. | : Yes/No |

PLACE

SIGNATURE OF BIDDER

DATE

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY

SEAL

SCHEDULE - III
TECHNICAL DEVIATIONS

From,
BIDDER Name & Address -

To,
The CE,
CREDA, HO,
Raipur

Sub - Technical Deviations.

Dear Sir,

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

Sl.No.	Condition	Clause No. of EoI of document	Page No. of EoI deviations and document	Statement of 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 EoI.

PLACE

SIGNATURE OF BIDDER

DATE

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.

SCHEDULE - IV
PAST EXPERIENCE

From :

Bidder's Name & Address -

To,
The CE,
CREDA, HO,
Raipur

Sub - Performance/Past Experience.

Dear Sir,

We furnish herewith the record of our performance and experience as follows -

Sl.No.	Purchaser's Name & Address	Order No. Date	Work Qty.	Value of Order
---------------	---	---------------------------	----------------------	---------------------------

PLACE

SIGNATURE OF BIDDER

DATE

NAME IN FULL

DESIGNATION/STATUS

FIRM/COMPANY SEAL

***NOTE-**Photocopy of the orders & performance reports received from other State Agencies/Govt. Undertakings etc. should be enclosed.

ANNEXURE – “II”

Experience Certificate (Draft)

Ref. No.....

Date.....

Certificate of Completion

This is to certify that **Name of Bidder, Address of Registered Office** has successfully completed the similar civil work of Name of Agency at various locations in.....State, as per following details –

Name of Work	Govt. Department name & State	Completion date/Year	Amount of Work	
Total -				
Total Order Amount -				

This workmanship and performance of the systems are found satisfactory.

**Seal & Sign
(Authorised Signatory)**

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 notice inviting bid no. 86373/CREDA/HOR/EEP Bilaspur/2021-22 Date 03.11.2021 issued by Chhattisgarh State Renewable Energy Development Agency (CREDA) (authority inviting bids) for work of design, drawing, Specialized Development of horticulture & Electrical aesthetic appearance and Up-gradation, works and Related Civil works and its execution and Maintenance etc. in EEP Bilaspur (C.G.)
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(A) 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 31(B) 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)
.....
.....

1. 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) of tender document.

2. 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 an individual 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

CONSORTIUM AGREEMENT

This Consortium Agreement executed on this Day of 2021

BETWEEN

M/S, a Company/Proprietorship Firm/Partnership Firm incorporate under the Law of companies Act 1956/2013 and and having its registered/principal office at (GST No.....) through its proprietor Mr. 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)

For the purposes of submission a Technical bid (hereinafter called “T-Bid” Including Eligibility & Presentation) and submitting the Price bid in case of being pre-qualified in response to Owner’s Technical bid document, **EOI DOCUMENT NO 86373/CREDA/HOR/EEP Bilaspur/2021-22 Date 03.11.2021** and entering into a contract in case of award for the **work of design, drawing, Specialized Development of horticulture & Electrical aesthetic appearance and Up-gradation, works and Related Civil works and its execution and Maintenance etc. in Urja Siksha Udhayan, Bilaspur (C.G.) (C.G.)of CHHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY (CREDA)**

AND WHEREAS as per PQ 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:

- A. We the partners in the Consortium hereby confirm that the name and style of the Consortium shall be “..... /” “Consortium.”
- B. **FORMATION AND PRINCIPLE PLACE OF BUSINESS**

1. 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

2. 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 EoI No. 86373 Dated 03.11.2021 from CHHATTISGARH STATE RENEWABLE ENERGY DEVELOPMENT AGENCY (CREDA) For work of landscaping, survey, design, drawing and execution of Civil works, Specialized Development, Up-gradation, Renovation, Horticulture and its Maintenance, Irrigation, Drainage works in Urja Siksha Udhayan, Bilaspur (C.G.) 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 tender

5. PERCENTAGE OF PARTICIPATION -

SN	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 as decided mutually.

7. EXECUTION OF WORK AND BILLING -

Both the partners of consortium have agreed that execution of work will be completed according to proportionate work allotted/ agreed between them and after completion of their work, billing made to CREDA only by lead partner under his individual Firm Name for their allotted/agreed work completed. Lead partner (Partner-1) here by authorized to make bill under his firm name and collect all sales proceeding/Payments in his Bank account and after collection on proceeding partner - 1 Bound to transfer proportionate share to Other partner(Partner -2) within two working days of sales proceeding received.

8. MAINTENANCE AND OPERATIONS AND LIABILITY -

It is mutually agreed between both the parties that Liability of successfully completion and maintenance of Work (including warranty & Insurance) of their allotted/Agreed work, will be the individual liability of Lead partner.

- i. In consideration of the PQ bid submission by us to the Owner, pre-qualification of our bid by the Owner if considered acceptable, submission of main bid by us and the award of contract by the Owner to the Consortium (if selected by the Owner), we the partners to the Consortium, hereby agree that the Partner - I (M/s) shall act as the lead partner for self and for and on behalf of Partner - II and further declare and confirm that only lead partner shall be bound unto the Owner for execution of the contract in accordance with the contract terms and shall Individually be liable to the Owner to perform all contractual obligations including technical guarantees.
- ii. Lead partner shall be Solely responsible for Project Management of works.

- iii. In case of any breach of the said Contract by any of the partners of the CONSORTIUM, I, Lead partner hereby agree to be fully responsible for the successful execution/performance of the Contract in accordance with the terms of the Contract.
 - iv. 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 of these presents undertake to promptly make good such loss or damage caused to the Owner, on the Owner’s demand without any demure.
 - v. 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 limited in any way, to the lead partner.
 - vi. 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 thereunder.
9. 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 abovementioned.

FOR, M/s **FOR, M/s**

(MR.) (MR.)
Lead Partner/Partner-1 Other Partner/Partner-2

WITNESS -

WITNESS -

1..... 1.....
2..... 2.....

END