

**TENDER FOR THE RETAINING WALL  
CONSTRUCTION OF THE DRAINAGE  
CANAL**

**TENDERN0:RGCA-MAC/ADMN/1/2020-21**

**Dated.18.07.2020**

**Rajiv Gandhi Centre for Aquaculture  
(MPEDA, Ministry of Commerce & Industry, Govt. of India)**

**3/197, Poompuhar road, Karaimesu, Sattanathapuram 609109, Sirkali**

## 1. Tender Inviting Notice

### TENDER NOTICE

No.:RGCA-MAC/ADMN/1/2020-21

Date:18.07.2020

Rajiv Gandhi Centre for Aquaculture, the R&D arm of Marine Products Export Development Authority (MPEDA), Kochi invites bids through e- Tendering System under the single stage: two bid system in separate envelopes (i.e. Techno- Commercial BID and Financial BID) from eligible bidders for the “Retaining wall construction of the drainage canal **at the Multispecies Aquaculture Complex (MAC), Vallarpadam, Cochin.** The details of requirements and terms & conditions are available in the RGCA Website: [www.rgca.org.in](http://www.rgca.org.in) and E- procurement portal <https://eprocure.gov.in>. The bids shall be submitted online following the instructions appearing on the screen. Users are requested to map their system as per the System settings available on the link “System Requirement and Registration Manual” on the E- Procurement portal. Dead line for submission of bid: **16:00 hrs on 03.08.2020.** The bids are required to be uploaded in two separate parts i.e. techno-commercial bid & financial bid. The techno-commercial bids will be opened at **16:30 hrs. on 04.08.2020** in the presence of bidders or their representatives who choose to attend on the specified date and time at the MPEDA Head Office, Panampilly Nagar, Cochin-36. The financial bids of bidders whose techno-commercial bids get qualified would be opened at a later date.

Sd/-

**Project Director**

**RGCA**

## **2. Introduction**

Rajiv Gandhi Centre for Aquaculture (RGCA) (hereinafter referred as “RGCA’) is the Research & Development arm of MPEDA (Ministry of Commerce and Industry, Government of India). RGCA with its Head office at Sirkali, Nagapattinam district, Tamilnadu is entrusted with the primary task to develop and disseminate appropriate technologies for scientific aquaculture.

## **3. Job Description**

RGCA invites bids through e-Tendering System under the single stage: two bid system in separate entries (i.e. Techno-Commercial BID and Financial BID) from eligible bidders for Retaining wall construction of the drainage canal at the Multispecies Aquaculture Complex (MAC), Vallarpadam.

Interested Bidders can conduct site visit and obtain further information from the Office of Multispecies Aquaculture Complex (MAC), Vallarpadam, Cochin-682504 from 10:00 to 17:00 hrs. (IST) on all working days between 18-07-2020 to 31-07-2020 – E-mail: [mac@mpeda.gov.in](mailto:mac@mpeda.gov.in), [rgcaho@gmail.com](mailto:rgcaho@gmail.com) Detailed tender document may be downloaded from procurement portal <https://eprocure.gov.in> or details from RGCA Website: [www.rgca.org](http://www.rgca.org) prior to the deadline for submission of bids. The bids shall be submitted online following the instructions appearing on the screen. Users are requested to map their system as per the System settings available on the link “System Requirement and Registration Manual” on the E-Procurement portal. After downloading / getting the tender document/schedules, the bidder should go through them carefully and then submit the documents as asked otherwise bid will be rejected. It is instructed that the bidder has to read all the terms and conditions before submitting their offer.

Dead line for submission of bid: **16:00 hrs on 03.08.2020**. The firm/contractor should submit scanned copies of EMD for the prescribed amount, copies of adequate experience certificate, income tax return for the previous 3 years, GST registration certificate and a valid license/ registration certificate. In case bidder has any problem in uploading the scanned copies of the above documents he/she must submit the copies at MAC office before opening of bid. The Bid Security shall be deposited in "ORIGINAL" in a sealed envelope within a week from the date of opening at the Office of Multispecies Aquaculture Complex (MAC), Vallarpadam, Cochin-682504.

The bids are required to be uploaded in two separate parts i.e. techno-commercial bid & financial bid. The techno-commercial bids will be opened **at 16:30hrs. (IST) on 04.08.2020**. The financial bids of bidders whose techno-commercial bids get qualified would be opened at a later date.

The bidders may visit RGCA website and e procurement portal [www.mpeda.gov.in](http://www.mpeda.gov.in) & <https://eprocure.gov.in>, for more information and/ or download the bid document.

## **4. Scope & Description of Contract**

### **4.1 General Definitions**

All definitions and interpretation of terms used in this tender notice are as defined in the GFR 2017 and the Manual for Procurement of Goods 2017 of Department of Expenditure, Ministry of Finance, Government of India.

### **4.2 Scope**

The tenders are invited for the Retaining wall construction of the drainage canal at the Multispecies Aquaculture Complex (MAC), Vallarpadam, Cochin-682504, the details of which are mentioned **in Clause. 6**. Rajiv Gandhi Centre for Aquaculture (RGCA) is acting as the central procurement agency. For this, RGCA, will undertake and oversee the tender process, ensure that the successful tender will execute the works properly to the satisfaction of RGCA at the location specified and provide the after construction service during the liability period in respect to the above mentioned works as per CPWD norms.

### **4.3 Eligibility Criteria**

1. The Contractors / Firm / Company should be registered with CPWD/ state PWD/ MES/ any other Central or State Government Agencies and those having a valid 'B' class or above license only will be considered.

2. The Contractor / Firm / Company should have completed at least one work of similar nature costing not less than 80% of the approximate estimated cost mentioned above or at least two works of similar nature costing not less than 60% of the approximate estimated cost mentioned above, in the last 5 years ending last day of the month previous to the one in which the Tenders are invited now.

3. The Tendered/ Firm/Company should possess GST Registration

## 5. Tender Schedule

### Tender Details

<b>Tender enquiry No</b>	<b>RGCA-MAC/ADMN/1/2020-21</b>
<b>Work details</b>	<b>Refer clause 6.</b>
<b>Cost of tender Document</b>	<b>Nil</b>
<b>EMD Amount</b>	<b>As specified in the clause 7.1.</b>
<b>Validity of offer</b>	<b>90 Days</b>
<b>Important Dates</b>	
<b>Published date</b>	<b>18.07.2020 at 18:00 Hrs</b>
<b>Date of release of tender</b>	<b>18.07.2020 at 18:15 Hrs</b>
<b>Clarification start date</b>	<b>18.07.2020 at 18:15 Hrs</b>
<b>Clarification end date</b>	<b>31.07.2020 at 17:00 Hrs</b>
<b>Bid submission start date</b>	<b>18.07.2020 at 18:15 Hrs</b>
<b>Bid submission end date</b>	<b>03.08.2020 at 16:00 Hrs</b>
<b>Technical bid opening date</b>	<b>04.08.2020 at 16:30 Hrs</b>

## 6. Details of Work:

Sl. No	Work	Place of work
1	Retaining wall construction of the drainage canal	Multispecies Aquaculture Complex(MAC), Vallarpadam, Cochin -682504

### RETAINING WALL CONSTRUCTION OF THE DRAINAGE CANAL

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units
1	2	3	4	5
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	1		
1.01	All kinds of soil	2	351	m3
1.02	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	3	200	m3

2	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinthlevel up to floor five level, excluding the cost of centering, shuttering,finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	4	33	m,3
3	FORM WORK	5		
3.1	Centering and shuttering including strutting, propping etc. and removal of form for all heights :	6		
3.01	Foundations, footings, bases of columns, etc. for mass concrete	7	112.000	m2
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	8		
4.01	Thermo-Mechanically Treated bars of grade Fe-500D or more.	9	300.000	kg
5	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :	10		
5.01	Cement mortar 1:6 (1 cement : 6 coarse sand)	11	230.000	m3



## **7. Terms and Conditions.**

1. Every Tender shall be accompanied by an Earnest Money Deposit for Retaining wall construction of the drainage canal contract Rs 17500/- (Seventeen Thousand Five Hundred only) in the form of Demand Draft drawn in favour of The Project Director, Rajiv Gandhi Centre for Aquaculture, payable at Mayiladuthurai, Tamil Nadu. Tenders not accompanied by such Earnest Money are liable to be rejected straightaway. E.M.D. in any other form may not be accepted.
2. The Earnest Money will be retained in the case of successful Tenderer as part of the Security. The successful Tenderer shall be given initial security deposit 2.5% of work value before the work order. EMD given by unsuccessful Tenderers will be refunded without any interest and the same will be done only after successful Tenderer accepts the Contract and after providing Security Deposit.
3. The contractor should submit scanned copies of EMD for the prescribed amount, copies of adequate experience certificate, income tax return for the previous 3 years, GST registration certificate and a valid license/ registration certificate from the above mentioned agencies along with the tender document.
4. The originals of the above documents should be submitted for verification by the selected bidder within one week upon intimation. Failing which the said bidder's bid will be rejected and the chance will be goes to the next technically qualified lowest amount quoted bidder. Work order will be issued after verifying the originals only.
5. Retention amount 5% of total bill value shall be retained as security deposit. 50% of the total retention amount will be released along with the final bill and the balance 50% after one year liability period.
6. All supporting services and facilities including electric power, supply of portable water, and welfare of laborers etc. required for completing the works within the specified time should be arranged / taken care of by the contractor and RGCA shall not be liable to provide such services / responsibilities / facilities under any circumstances
7. The contractor, before submitting the quotation should essentially inspect the site and ascertain all the necessary information, including the risks, contingencies, nature of ground, place of installation etc. and also acquaint himself with the local conditions.
8. The rate quoted for the work shall be inclusive of all incidentals, hiring of all necessary equipment's, installments and expenses of staff/labour connected with the work. Nothing other than the quoted rates shall be entertained under any circumstances.

9. The contractor has to bear full liability for the Provident Fund & Employees State Insurance Scheme payments for the workers working under their rolls as required bylaw.
10. The rates should also include all Taxes, by the central Government/State Government as on the date of submission of the Tender
11. The time allowed for the completion of the work is 3 Months from the 7th day of issue of work order and time shall be the essence of the Contract. If the work is not completed within the period the liquidated damages may be imposed as per CPWD norms.
12. All the construction materials shall be timely provided by the MPEDA-RGCA
13. MPEDA-RGCA will not be liable for any Labour issue if occurred at the site. It is solely the responsibility of the contractor to solve these problems and complete the work in the specified frame.
14. Incomplete/illegible/incorrect tenders will be summarily rejected

#### **9. Guidelines for preparation of Tender.**

1. The tenderer shall bear all costs associated with the preparation and submission of its bid and RGCA will in no case be responsible or liable for these costs, regardless of the conduct or outcome of the bidding process.
2. In the event of documentary proof as required being not enclosed, the tender shall be liable to be rejected. All pages of the bid, except for unamendable printed literature, shall be signed by the authorized person or persons signing the bid along with the stamp of the tenderer.
3. Language of Bid: - The Bid prepared by the tenderer and all correspondence and documents relating to the bid exchanged by the Tenderer and RGCA, shall be in English language.

4. The documentary evidence submitted along with the Tender shall be produced duly attested by the tenderer on every page and serially numbered. Any interlineations, erasures or over writing shall be valid only if they are initialed by the person (s) signing the offer.

5. Tenderer shall submit a declaration letter as per the format given as

**Annex I**

1. If at any time any misrepresentation of facts / documents come to notice, the contract is liable to be cancelled at the risk and cost of the bidder.

2. An offer submitted in vague /ambiguous financial terms and the like, shall be termed as non-responsive and shall be summarily rejected.

3. Clarifications to specific requests shall be responded through e-mail and general clarifications, affecting all the tenderers shall be published in the official website of RGCA. However, it shall be the duty of the prospective tenderer to ensure that the clarifications sought for has been properly received in time by RGCA.

4. Any clarification on the tender procedure shall be obtained from MAC office and the contact number is 0484-2975595

5. The EMD will be forfeited, if a tenderer; misrepresents facts or submit fabricated / forged / tempered / altered / manipulated documents during verification of tender process withdraws its bid after the opening of technical bid; refuses to sign the agreement on fixing the tender or furnish the performance security.

Withdrawal or non-compliance of agreed terms and conditions after the execution of agreement or issuance of Supply Order will lead to invoking of penal provisions and may also lead to black listing/debarring of the Tenderer

## **10. Deadline for submission of Tender**

1. Tenderers shall submit all the necessary documents as per the instruction given in the tender document before the last date & time for submission and RGCA shall not be held liable for its delay.

2. RGCA may, at its discretion, extend the deadline for submission of tender by amending the tender document, in which case, all rights and obligations of the RGCA and the tenderers previously subjected to the deadline shall thereafter be subjected to the deadline so extended.

### **10.1. Amendment of tender documents:**

At any time prior to the dead line for submission of Tender, RGCA may, for any reason, modify the tender document by corrigendum/addendum.

The corrigendum/ addendum shall be published in e-procurement website (<https://eprocure.gov.in>) and RGCA website [www.rgca.org.in](http://www.rgca.org.in), the tenderer shall submit copy of corrigendum/ addendum published if any signed by the tenderer or the authorized representative as part of the technical bid as a proof of having read and accepted the terms and conditions of the tender document.

### **10.2. Submissions and opening Tender**

The Bid should be submitted online at Website <http://eprocure.gov.in/eprocure/app> only, by the due date **03.08.2020** and time up to 16:00 hrs. The server date & Time as appearing on the website <http://eprocure.gov.in/eprocure/app> shall only be considered for the cut- off date and time for submission of bids. Offers sent through post, telegram, fax, Tele-Fax, e-mail and courier or by any other mode will not be considered. In case, the date of opening is declared, as holiday tender will be opened on next working day at same time.

Only those bidders shall be considered qualified by RGCA, who submit requisite EMD and documents accept all the terms & conditions of the Tender document unconditionally and meet the qualifying requirement stipulated in the Tender document. The decision of RGCA shall be final and binding in this regard.

If any clarification is required by the bidder in respect of items/ work or if any doubt is there about any specification, bidder may personally visit the Multispecies Aquaculture Complex (MAC), Vallarpadam, .However, this shall not become the reason for claiming extension of the deadline for the submission of the tenders.

The prospective bidder requiring any clarification of the tender document may obtain the same online/ offline from Tender inviting Authority, The Project Director, Rajiv Gandhi Centre for Aquaculture(RGCA), Sirkali, Tamilnadu, email: [rgca@gmail.com](mailto:rgca@gmail.com)with a copy to [mac@mpeda.gov.in](mailto:mac@mpeda.gov.in)in person or otherwise in writing so as to reach the said office at least 07 (seven) days before the deadline for submission of the tenders. RGCA shall not be bound to respond to the request from the prospective bidders and this shall not become the reason for claiming extension of the deadline for the submission of the tenders

### **11. Acceptance / Rejection of Tenders**

1. At any point of time, RGCA reserves the right to cancel or modify the supply order even after it is awarded without assessing any reason whatsoever.

### **12. Other terms and Conditions**

1. Technical Specifications and Standards: - The Services to be provided by the successful Tenderer under this contract shall conform to the technical specifications mentioned in the tender document.
2. The tenderer shall indemnify MPEDA against any loss to MPEDA on account of the activities of personnel employed by him.

### **13.Tendering System**

The tender shall be submitted online in two cover system duly scanned and digitally signed by the authorized representative of the bidder as follows;

#### **13.1.1 Cover-A(TECHNICALBID).**

Online bids should be submitted containing scanned copy of following document in Cover-A 1,for fulfilling qualifying criteria such as self-attested copies of

- 1.Valid License
- 2.GST registration
- 3.Proof of experience
- 4.Income tax returns for the last 3 consecutive years.
- 5.Copy of Pan card
- 6.Earnest Money Deposit(refundable).

The bidder or his authorized representative shall sign and upload all the documents, owning responsibility for their correctness/ authenticity and submit Declaration in respect of acceptance of terms and conditions of tender document

If the Cover-A i.e. technical bid does not contain any of the above mentioned documents or incomplete then the offer shall be deemed liable for rejection/ disqualification. The respective Cover-B i.e. financial bid of the technically disqualified offers shall not be opened. The bidders are cautioned that divulging of any financial information in Cover-A (Technical bid) will result in rejection of their tender.

### **13.1.2 Cover – B (Financial BID)**

The cover-2 shall contain the financial bid in the enclosed “Schedule of Quantities & Financials” as per the BOQ. Any clause governing the bid subject to market fluctuation is not acceptable. The quoted rates shall be typed in figures.

The rates shall be quoted strictly in Schedule of Quantities and financials inclusive of all taxes, duties, entry tax, statutory charges, insurance, permit charges, P&F charges, freight etc. (including purchaser liability, if any) However, all applicable Taxes & Duties should be clearly mentioned by the supplier at the time of supply in their invoice..

The tenderers who do not submit the technical bid (cover A) within the stipulated date and time will be treated non-responsive. If the bids are not submitted as per the requirement of the above clause, RGCA shall assume no responsibility for the offer’s misplacement and consequential rejection.

### **Evaluation of Tender**

Bid Evaluation Committee: The compliance of commercial terms and documents submitted as part of the technical bids shall be scrutinized by a Bid Evaluation Committee constituted by MPEDA-RGCA

The decisions of the Bid Evaluation Committee on whether the tenders are responsive or non-responsive or requiring clarifications will be intimated to respective bidders.

### **Technical Committee:**

Technical evaluation of the bids shall be conducted by a committee called '**Technical Committee** .

The decisions of the technical committee **will be final** on technical aspects and no further queries will be entertained.

### **Purchase Committee:**

The financial bids of tenders who have qualified in the technical bids will be further scrutinized by the Purchase Committee.

A tenderer, at any stage of tender process or thereafter, in the event of being found after verification by RGCA, to indulge in concealment or misrepresentation of facts, in respect of the claims of the offer, shall be debarred/blacklisted.

RGCA's decisions on the tender submitted shall be based on the decisions taken by the various committees and otherwise as per the clauses as mentioned above.

Arithmetical errors shall be rectified on the following basis: If there occurs a discrepancy between words and figures, the amount in words shall prevail and the offer shall stand corrected to that effect. If the tenderer does not accept the correction of errors, his offer shall be rejected.



### **Financial Bids (BOQ)**

The Price bids of the short-listed technically qualified tender(s) will be opened only after evaluation of Technical bids by the Technical Committee. The short listing of the tender(s) will be carried out on the basis of the Technical evaluation of the technical bid.

The opening of the financial bid shall be done by RGCA or its authorized representatives and may be in presence of authorized representatives of the firm those qualified in the detailed scrutiny and evaluation of the Technical Bid.

Tenderer shall download the available financial bid format from <http://eprocure.gov.in> and quote the financials in the respective fields and submitted online. The financial bids (BOQ) submitted in any other formats will be treated as non-responsive and not considered for tabulation and comparison.

Financial offer shall be all inclusive and in Indian Rupees.

Fixed financial: Financials quoted by the Tenderer shall be fixed during the period of the contract and not subject to variation on any account.

Financial variation due to statutory changes such as taxes will be accepted during the Running contract period before releasing the Letter of Intent/supply order on receipt of proper documents.

Tenderer shall quote financial details in all necessary fields in the available formats (Annex IV).

**DECLARATION FORM**  
(To be given on Company Letter Head)

Date:

To,  
The Secretary  
Marine Products Export Development Authority  
MPEDA House, PB No:4272,  
Panampilly Avenue, agar PO,  
KOCHI-682 036, KERALA

Sub: Acceptance of Terms & Conditions of Tender.  
Tender Reference No .....

Name of Tender / Work:

Dear Sir,

1. I/ We have downloaded / obtained the tender document(s) for the above mentioned  
‘Tender’ from the web site(s)  
namely:.....

.....

as per your advertisement, given in the above mentioned website(s).

2. I / We hereby certify that I / we have read the entire terms and conditions of the tender documents from PageNo.01to\_\_\_\_\_ (including all documents like Annex(s),table(s),etc .), which form part of the contract agreement and I / we shall abide hereby by the terms / conditions / clauses contained therein.

3. The corrigendum(s) issued from time to time by your department/ organization too have also been taken into consideration, while submitting this acceptance letter.

4. I / We hereby unconditionally accept the tender conditions of above mentioned tender document(s) / corrigendum(s) in its totality/entirety.

5. I / We do hereby declare that our Firm has not been blacklisted/ debarred by any Govt. Department/Public sector undertaking.

6. I / We certify that all information furnished by the our Firm is true & correct and in the event that the information is found to be incorrect/untrue or found violated, then your department/ organization shall without giving any notice or reason therefore or summarily reject the bid or terminate the contract , without prejudice to any other rights or remedy including the forfeiture of the full said earnest money deposit absolutely.

Yours Faithfully,

(Signature of the Bidder, with Official Seal)  
Page 18 of 42

**OFFER FORM**

Having examined and accepting the conditions of the tender document no

..... we here by submit this offer for the Repair and Renovation of the Hostel Building and the Retaining wall construction of the Drainage canal as per the detailed technical specification mentioned in section IV of the tender document

Date

Office Seal

Signature of the tenderer/Authorized Signatory.

**GENERAL INFORMATION ABOUT THE TENDERER**

1	Name of the Tenderer					
	Registered address of the firm with GSTIN					
	State		District			
	Telephone No.		Fax			
	Email		Website			
<b>Contact Person Details</b>						
2	Name		Designation			
	Telephone No.		Mobile No.			
<b>Communication Address</b>						
3	Address					
	State		District			
	Telephone No.		Fax			
	Email		Website			
<b>Type of the Firm ( Please <math>\sqrt</math> relevant box)</b>						
4	Private Ltd.		Public Ltd.		Proprietorship	
	Partnership		Society		Others, specify	
	Registration No. & Date of Registration.					
<b>Key personnel Details (Chairman, CEO, Directors, Managing Partners etc. )</b>						
6	in case of Directors, DIN Nos. are required					
	Name		Designation			
	Name		Designation			
<b>Bank Details</b>						
7	Bank Account No.		IFSC Code			
	Bank Name & Address		Branch Name			
	Tel No		Email ID			
	PAN Card No					
8	Whether any criminal case was registered against the company or any of its promoters in the past?				Yes / No	
Date:		Office Seal		Signature of the tenderer / Authorised signatory	Page 23 of 42	

## Annex-IV

Tender Inviting Authority: MPEDA-RGCA-MAC VALLARPADAM

Name of Work: Retaining wall construction of the drainage canal

Contract No: RGCA-MAC/ADMN/1/2020-21

Name of the Bidder/  
Bidding Firm / Company :

### PRICE SCHEDULE

(This BOQ template must not be modified/replaced by the bidder and the same should be uploaded after filling the relevant columns, else the bidder is liable to be rejected for this tender. Bidders are allowed to enter the Bidder Name and Values only )

NUMBER #	TEXT #	TEXT #	NUMBER #	TEXT #	NUMBER	NUMBER #	NUMBER #	TEXT #
Sl. No.	Item Description	Item Code / Make	Quantity	Units	Estimated Rate in Rs. P	BASIC RATE In Figures To be entered by the Bidder in Rs. P	TOTAL AMOUNT Without Taxes in Rs. P	TOTAL AMOUNT In Words
1	2	3	4	5	6	13	53	55
1	Earth work in excavation by mechanical means (Hydraulic excavator)/manual means over areas (exceeding 30 cm in depth, 1.5 m in width as well as 10 sqm on plan) including getting out and disposal of excavated earth lead upto 50 m and lift upto 1.5 m, as directed by Engineer-in-charge.	1						
1.01	All kinds of soil	2	351	m3			0.00	INR Zero Only
1.02	Filling available excavated earth (excluding rock) in trenches, plinth, sides of foundations etc. in layers not exceeding 20cm in depth, consolidating each deposited layer by ramming and watering, lead up to 50 m and lift upto 1.5 m.	3	200	m3			0.00	INR Zero Only

2	Reinforced cement concrete work in beams, suspended floors, roofs having slope up to 15° landings, balconies, shelves, chajjas, lintels, bands, plain window sills, staircases and spiral stair cases above plinthlevel up to floor five level, excluding the cost of centering, shuttering, finishing and reinforcement, with 1:2:4 (1 cement : 2 coarse sand (zone-III) : 4 graded stone aggregate 20 mm nominal size).	4	33	m,3			0.00	INR Zero Only
3	FORM WORK	5						
3.1	Centering and shuttering including strutting, propping etc. and removal of form for all heights :	6						
3.01	Foundations, footings, bases of columns, etc. for mass concrete	7	112.000	m2			0.00	INR Zero Only
4	Steel reinforcement for R.C.C. work including straightening, cutting, bending, placing in position and binding all complete upto plinth level.	8						
4.01	Thermo-Mechanically Treated bars of grade Fe-500D or more.	9	300.000	kg			0.00	INR Zero Only
5	Random rubble masonry with hard stone in foundation and plinth including levelling up with cement concrete 1:6:12 (1 cement : 6 coarse sand : 12 graded stone aggregate 20 mm nominal size) upto plinth level with :	10						
5.01	Cement mortar 1:6 (1 cement : 6 coarse sand)	11	230.000	m3			0.00	INR Zero Only
<b>Total in Figures</b>							<b>0.00</b>	INR Zero Only
<b>Quoted Rate in Words</b>							<b>INR Zero Only</b>	