

SEPTEMBER 22, 2023

 Tender ID
 334

 Offline Tender
 MDCMPUL/2023-24/334/Civil/AH CS Building Renovation

# Civil Maintenance and Renovation Work at Vihar Chilling Centre, Vihar

PURCHASE DEPARTMENT

MEHSANA DISTRICT CO-OPERATIVE MILK PRODUCERS' UNION LIMITED

Dudhsagar Dairy, Highway, Mehsana – 384002 Phone: 02762-253201

Fax: 02762-253201

www.dudhsagardairy.coop



# Table of Contents

1. General Information	3
2. Notice Inviting Tender	4
Annexure-1: General Instructions and Terms & Conditions of Tender	6
1. Downloading of Tender Document	6
2. Submission of Tender	6
2.1 Submission of the Tender Fee & EMD details	6
2.2 Submission of Other Supporting Documents	6
2.3 Hard Copy Documents Submission	6
2.4 Submission of Commercial (Price) Bid	6
3. Payment of Tender Fee & EMD	7
3.1 Banking Information for Deposit of Tender Fee, EMD, Performance Security etc.	7
4. Earnest Money Deposit (EMD)	7
5. Performance Security	8
6. Acceptance of Tender Terms and Conditions by Bidder	8
7. Tender Date Extension Request	8
8. Rights Reserved by Dudhsagar Dairy, Mehsana	8
Annexure-2: Eligibility Criteria	9
1. Commercial Eligibility	9
2. Technical Eligibility	.10
3. Other Eligibility Criteria	.10
Annexure -3: Instructions for Preliminary Stage Forms (Offline)	.11
1. Bidder's Basic Information	.11
2. List of Documents Needed at Preliminary Stage	.12
Annexure -4: Instructions for Technical Stage Forms (Offline)	.13
1. Turnover Details	.13
2. Purchase Order Details	.13
3. List of Documents Needed at Technical Stage	.15
Annexure -5: Specific Terms of Civil Works	.16
Annexure - 6: Mode of Negotiation	. 17
Personal Negotiation	. 17
Annexure -7: Performance Security & Payment Terms	.18
Document no. GTC/Civil/0041/03/27062022	.19



Annexure -8: Delivery Terms and Conditions	20
Annexure -9: Contact Details	21
User Department	21
Purchase Department	21



# 1. General Information

Mehsana District Co-operative Milk Producers' Union Limited, Mehsana popularly known as Dudhsagar Dairy, (located at Mehsana in Gujarat) is one of the largest Co-operative Dairy in India. MDCMPU Ltd was established in 1960 with the noble intention of ensuring a fair return to the milk producers. It is a district level apex body of milk cooperative societies in Mehsana District which aims to provide remunerative returns to milk producers' and also to serve the interest of consumers by providing quality and safe milk and milk products which give good value for money. It is having eights dairies, two milk chilling centres, two cattle feed plants, semen collection plant and one Dairy Science College. Various products manufactured are milk in milk pouches, Dahi, Buttermilk, Ghee, Table Butter, Milk Powder, Sweetened Condensed Milk, Ice Cream, Flavoured milk and long shelf life (UHT) milk. It is selling almost all milk and milk products in India and abroad under the brand name of Amul and Sagar and having total turnover of Rs. 6938 crore in financial year 2022-23 with its broad base of more than 10 lakh farmer members in Gujarat, Rajasthan, Haryana, Uttar Pradesh and Madhya Pradesh states.

For more details about us kindly visit the following websites:

- 1. Dudhsagar Dairy: http://www.dudhsagardairy.coop/
- 2. Pashu Samvardhan Kendra, Jagudan: http://www.sagarxjagudan.com/
- 3. Mansinhbhai Institute of Dairy & Food Technology: <u>http://www.midft.com/</u>
- 4. Shri Motibhai R. Chaudhary Sagar Sainik School: <u>http://www.mrcsss.org/</u>



# 2. Notice Inviting Tender

S. No.	ltem	Description / Details			
2.1 TEN	2.1 TENDER DETAILS				
1	Tender Notice No.	MDCMPUL/2023-24/334/Civil/AH CS Building Renovation			
2	Name of Project	Retender Civil Maintenance and Renovation Work of Ground Floor AH-CS Building at Vihar Chilling Centre, Vihar			
3	Name of Work	Retender Civil Maintenance and Renovation Work of Ground Floor AH-CS Building at Vihar Chilling Centre, Vihar			
4	Name of Company	Mehsana District Co-operative Milk Producers' Union Ltd, Dudhsagar Dairy, Highway, Mehsana, Gujarat, PIN - 384002			
5	Estimated Cost of Work	Rs. 7.8 Lacs			
6	Period of Completion of Project	1 Month/s from issue of PO			
7	Tender Document Fee (INR)	Rs. 1274/- (including 18% GST)			
8	EMD (INR)	Rs. 14,000/-			
2.2 IMI	PORTANT DATES				
1	Bid Documents Download Start	22 September 2023			
2	Bid Documents Download End	17 October 2023 06:00 PM			
3	Pre-Bid Meeting	NA			
4	Last date and time for Hard Copy submission of documents mentioned in tender document	17 October 2023 06:00 PM Purchase Department (Tender Section) Dudhsagar Dairy Highway, Mehsana – 384002 Gujarat			
6	Bid Opening Date	18 October 2023 10:00 AM or later			
7	Bid Validity Period	30 Days			
8	Mode of Negotiation	Personal Negotiation (Refer Annexure:6)			



S. No.	ltem	Description / Details			
2.3 OT	2.3 OTHER INFORMATION				
1	Officer Inviting Bids	I/C Managing Director			
2	Bid Opening Authority	I/C Managing Director			
3	Address	I/C Managing Director Mehsana District Co-operative Milk Producers' Union Ltd, Dudhsagar Dairy Highway, Mehsana, Gujarat-384002 Phone: + 91 2762 253201 to 05			

## I/C Managing Director

Mehsana District Cooperative Milk Producers' Union Limited Dudhsagar Dairy, Mehsana



## Annexure-1: General Instructions and Terms & Conditions of Tender

This is a two-stage tender. First technical data submitted by bidders will get analysed at our end. Then commercial bid of only technically qualified bidders will be considered for second stage of commercial evaluation. Only after verification and acceptance of documents submitted, commercial bid will get opened.

## 1. Downloading of Tender Document

Tender document can be downloaded from website <u>www.dudhsagardairy.coop/tenders</u>. Any updates, corrigendum, date extension etc. related to this tender will get published on <u>www.dudhsagardairy.coop/tenders</u> only.

## 2. Submission of Tender

## 2.1 Submission of the Tender Fee & EMD details

Bidder has to submit payment details of tender fee and EMD in separate envelope.

## 2.2 Submission of Other Supporting Documents

All other supporting documents asked has to be submitted with proper name of documents for easy identification and at proper stages mentioned in the offline tender form. Bidder should submit only relevant document and no any unnecessary document. Submitting unnecessary document may lead to disqualification.

## 2.3 Hard Copy Documents Submission

All the documents asked in the tender have to be submitted in Hard Copy only with proper indexing and page numbering. All eligibility criteria documents must be kept in a separate envelope marked 'Eligibility Criteria Documents'

## 2.4 Submission of Commercial (Price) Bid

Bidder should submit Commercial (Price) Bid in physical form in a separate envelope marked 'Price Bid Documents'.

Note: Only after verification and acceptance of documents submitted, commercial bid will get opened.



## 3. Payment of Tender Fee & EMD

Tender fee (non-refundable) and EMD (refundable) amount is mentioned in Notice Inviting Tender. Tender Fee and EMD Amount should be paid by NEFT/RTGS/IMPS to Mehsana District Co-operative Milk Producers' Union Limited in the bank account mentioned below.

## 3.1 Banking Information for Deposit of Tender Fee, EMD, Performance Security etc.

Description	Details
Bid Document Fee/ EMD Payable To	Mehsana District Co-operative Milk Producers' Union Ltd., Mehsana
Beneficiary Name	Mehsana District Cooperative Milk Producers Union Limited
Credit Account Number	44310400000532
Account Type	Cash Credit
Bank Name	IDBI Bank
Bank Branch Name	Mehsana Branch
IFSC Code	IBKL0000443

If EMD amount is more than Rs. 10 lakhs then it can be paid in Bank Guarantee (BG) also. The bank guarantee issued by a Nationalised Indian Bank/other major banks like HDFC Bank, ICICI Bank, Axis Bank, IDBI Bank. Bank Guarantee from a foreign bank having branch in India may be accepted.

## ANY OTHER MODE OF PAYMENT IS NOT ACCEPTABLE

After Paying the amount by NEFT/RTGS/IMPS/BG, details of the same should be given in preliminary stage of the tender document submission. The payment advice of the transaction to be submitted in hard copy as a proof of payment.

Bidder has to submit original BG along with technical documents if EMD is paid in BG.

In case of re-tender of a tender, bidder who had participated in the original tender can submit tender fee and EMD details of original tender in re-tender.

Kindly note that tender fee is not refundable in any case even in case bidder is not able to submit tender completely.

## 4. Earnest Money Deposit (EMD)

All Bids must be accompanied by Earnest Money Deposit (EMD) in the form specified in the Bidding document. The Bids not accompanied with EMD shall be summarily rejected. The Bid security shall be denominated in Indian Rupees of value as specified.

The security deposit/EMD will be interest free.



EMD of unsuccessful bidders will be refunded after completion of our tender and purchase order process. EMD of successful bidder will be returned only after successful execution of Purchase order/contract.

**Note:** In case a bidder is not able to fill the tender completely after paying tender fee and EMD then such bidders should inform purchase department immediately on date of opening of tender mentioned in NIT and provide complete transaction details and proof for returning of EMD of such bidders.

The Bid security may be forfeited if:

1. A Bidder or Supplier withdraw its bid during the period of bid validity specified by the Purchase on the tender document

OR

2. In case of successful Bidder/Supplier, if the Bidder/Supplier fails to sign the Purchase Order or execute the Purchase order within specified period of Purchase order.

## 5. Performance Security

Successful bidder has to submit Performance Security after award of contract. Performance Security amount and its related terms and conditions are mentioned in NIT or Part B of tender.

## 6. Acceptance of Tender Terms and Conditions by Bidder

Bidders have to abide by all terms and conditions and specifications of items mentioned in tender document. Quoting price bid will be treated as acceptance of all terms and conditions of tender document.

## 7. Tender Date Extension Request

Bidder must request through email for any extension needed at least three days (72 Hours) prior to the last date of tender. The extension request must be accompanied with the payment receipt of Tender Fee and EMD. Without Tender fee, EMD and any request after 72 Hours to close the tender will not be entertained in any condition.

## 8. Rights Reserved by Dudhsagar Dairy, Mehsana

Dudhsagar Dairy, Mehsana, at its sole discretion and without assigning any reason thereof, reserves the right to accept and / or reject the whole or part of any or all the Bids received at any stage of tender. Similarly, we reserve the right to award Purchase order in full or part items/ quantity to any bidder. Dudhsagar Dairy reserves the right to re-conduct auction/negotiation starting from previously closed rates.

In case of dispute, decision taken by I/C Managing Director will be final.



# Annexure-2: Eligibility Criteria

Eligibility Criteria for different values of civil tenders is a	as follows:
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S.		Estimated Value of Work					
s. No.	Description	Rs. 5 Lakh to Rs. 20 Lakh	Rs. 20 Lakh to Rs. 50 Lakh	Rs. 50 Lakh to Rs. 1 Cr.	Rs. 1 Cr. and Above		
1	EMD as percentage of estimated value of work	2 %	2 %	2 %	2 %		
2	Total turnover of last 3 years	Nil	Rs. 50 lakhs	Rs. 1 Cr.	Rs. 3 Cr. or as mentioned in tender		
3	Experience in Business of Civil Work	3 years	3 years	5 years	5 years or as mentioned in tender		
4	Similar completed work order executed in last three years with work completion certificate	Two work order of minimum 25% of estimated value of tender	Two work order of minimum 25% of estimated value of tender	Three work order of minimum 25% of estimated value of tender	Three work order of minimum 25% of estimated value of tender or as mentioned in tender		
5	PF & ESI	Not required	Needed	Needed	Needed		

## 1. Commercial Eligibility

- 1.1 Bidder shall have aggregate/collective financial turnover during in the last three financial years (FY 2019-2020, 2020-2021 & 2021-22) ending March 31 shall not be less than 6 times of the estimated cost of work.
- 1.2 Balance sheet and income tax return as documentary evidence shall be provided for the proof of financial turnover.
- 1.3 In addition of the above, the following information/documents should also be submitted along with bid by the bidder for evaluation/determination of their eligibility:
- a) Copy of Income Tax Returns for five previous years in original or certified true copies, along with Permanent Account Number (PAN) for income tax purpose.
- b) Copy of TDS certificate issued by the clients to substantiate the claim for the value of works executed in the private sector.



## 2. Technical Eligibility

The bidder must meet the minimum qualification criteria as above table:

- 2.1 **Experience:** Bidder shall have work experience as above in the same name and style. In case of change of name of bidder by merger / acquisition / change in status, the bidder has to submit documentary evidences. Bidder has to submit copy of purchase orders as well as order execution document or work completion certificate for this purpose.
- 2.2 **PO Copy:** Bidder has to submit copy of purchase orders as well as order execution document or work completion certificate as per above table in hard copy as supporting documents.

Purchaser may visit site of execution. Bidder shall facilitate visit of the site where work is carried out.

- 2.3 **Site Visit:** Before submitting their offer, the bidder shall examine the project site of works and its surroundings and obtain all information. Bidders shall collect all information from site In-Charge to submit in tender bid. Bidder shall communicate above mentioned contact person (technical queries bracket) before visit of plant for necessary arrangement.
- 2.4 The Bidder should have valid registration under various Acts that may be applicable for the contract proposed. This shall include but not limited to Income Tax, GST, Employee State Insurance, Contract Labour, Provident Fund etc.

## 3. Other Eligibility Criteria

- 3.1 The bidder which is blacklisted by Mehsana Union/GCMMF/NDDB are not eligible to bid otherwise, bid will not be accepted and EMD may be forfeited. Bidder shall have to provide related supporting document for same in hard copy with bid.
- 3.2 Even though the Bidder meets the specified criteria, the bid may be disqualified in case the bidder has:
- a) Made untrue or false declaration in the forms, statements and attachments submitted in proof of their qualifications.
- b) Record of poor performance such as abandoning the works, not properly completing the contract, inordinate delays in completion or financial failure etc.



# Annexure -3: Instructions for Preliminary Stage Forms (Offline)

## 1. Bidder's Basic Information

S. No.	Details Required	Instructions	Details
1	Name of the Firm	Provide details	
2	Complete Postal Address	Provide details	
3	SAP Vendor Code of our Union	If registered with our Union otherwise write NEW and submit Vendor Registration Form	
4	Contact Person Name	Provide details	
5	Mobile Number of Contact Person	Provide details	
6	E-mail ID of Contact Person	Provide details	
7	PAN	Provide details and attach PAN card	
8	GSTN	Provide details and attach GSTN document	
9	Bank Name for EMD Refund	Provide payee bank name	
10	Branch Address for EMD Refund	Provide payee bank branch address	
11	Bank Account Number for EMD Refund	Provide payee bank Account Number	
12	ISFC Code for EMD Refund	Provide IFSC code of payee bank	
13	Bank Account Holders Name	Provide name of account holder	



# 2. List of Documents Needed at Preliminary Stage

Sr. No.	Particulars of Documents	Mandatory / Optional	Submission Type	Page No.
1	Tender Fee Receipt	Mandatory	Hard Copy	
2	EMD Receipt	Mandatory	Hard Copy	
3	PAN	Mandatory	Hard Copy	
4	GSTN	Mandatory	Hard Copy	
5	Vendor Registration Form (only in case of new bidders)	Optional	Hard Copy if applicable	
6	Copy of cancelled Cheque	Mandatory	Hard Copy	
7	Copy of Firms Registration	Mandatory	Hard Copy	

Note: Prepare index as above for hard copy submission



# Annexure -4: Instructions for Technical Stage Forms (Offline)

## 1. Turnover Details

S. No.	Details Required	Instructions	Turn over (Rs.)	Document Page Number
1	Turnover of FY 2021-22 in Rs.	Provide details		
2	Turnover of FY 2020-21 in Rs.	(amount) in form and		
3	Turnover of FY 2019-20 in Rs.	attach CA certificate		
4	Turnover of FY 2018-19 in Rs.	with UDIN for		
-		turnover		

Note: Prepare index as above for hard copy submission

## 2. Purchase Order Details

Sr. No.	Details Required	Instructions	Purchase order (1)	Purchase order (2)	Purchase order (3)
1	Bidder should be in the similar business for at least 5 financial years	Provide PO which is which is 5 years old			
2	Bidder has to submit copy of purchase orders as well as order execution document or work completion certificate as per above table in hard copy as supporting documents.	Provide PO Details			
3	PO/Work Order Number	Provide PO number			
4	PO/Work Order Date	Provide PO date			
5	PO/Work Order Brief Details	Provide PO/Work Order details in brief			
6	PO/Work Order Value	Provide PO value in Rs.			
7	PO/Work Order Completion Date	Provide PO completion date			



8	Customer Name	Provide details		
9	Contact Details and Address of Customer	Provide complete address and contact details including contact number and email ID.		
10	Other Information or Remarks if any	Any other information bidder wants to share about respective PO		
11	Document Page Number	Provide Page Number		

Note: Prepare index as above for hard copy submission



# 3. List of Documents Needed at Technical Stage

Sr. No.	Particulars of Documents	Mandatory / Optional	Submission Type	Page No.
1	CA certificate with UDIN	Mandatory	Hard Copy	
2	Work Experience (old PO copy)	Mandatory	Hard Copy	
3	Copy of Purchase Orders with Work Completion Certificate	Mandatory	Hard Copy	
4	Sealed and signed copy of all parts of tender document	Mandatory	Hard Copy	
5	PF certificate if applicable otherwise provide declaration	Mandatory	Hard Copy	
6	ESI certificate if applicable otherwise provide declaration	Mandatory	Hard Copy	
7	Site Visit Certificate	Optional	Hard Copy	
8	Self-declaration on bidder's company letterhead for "Not blacklisted by Mehsana Union/GCMMF/NDDB"	Mandatory	Hard Copy	

Note: Prepare index as above for hard copy submission



# Annexure -5: Specific Terms of Civil Works

- 1. BOQ attached separately in PDF.
- 2. Rates should be inclusive of GST, freight, insurance, i.e. FOR our site, Above quantity mentioned in price table is tentative. Final bill will be released as per actual quantity certified by our civil department. Payment shall be made on complete supply of an item / group of items specified in the contract. No payment shall be made if supply of an item / group of items is incomplete. i.e. part supply/ Work.
- 3. By submitting price-bid, bidder will be bound to complete Supply, Installation and commissioning of this Tender Requirements.
- 4. Bidder shall visit execution site (Vihar Chilling Centre, Vihar) to get complete understanding and study existing site at Vihar Plant. Bidder shall have to provide bid according to our Tender scope, in Technical and Price Bid.
- 5. All applicable Taxes (GST), levies, cess (including labour cess, seigniorage, royalty etc., as applicable to this contract) and duties shall be payable by the bidder under the Contract or for any other cause, and shall be included in the rates and the prices and total bid price submitted by the bidder and the evaluation and the comparisons of bids by the Mehsana Union shall be made accordingly.
- 6. If any Civil work to be performed adjoining to or at running plant/ production section then Bidder has to make suitable arrangement of barricade with roof sheets/ partition wall/clothe mate/wooden partition as per food safety norms and it will in Bidders' scope. The site boundaries shall be clearly identified. Access to the site shall be controlled. The site shall be maintained in good order.
- 7. After Completion entire civil of work, Bidder has to remove of all rubbish, civil construction materials and any unwanted materials from site and hand over the site in good order. It is in Bidders' scope.



## Annexure - 6: Mode of Negotiation

## **Personal Negotiation**

Dudhsagar Dairy may invite bidders for personal negotiation. In such case, there will be personal negotiation on the basis of the L1 rate of technically qualified bidders price bids. Among technically qualified bidders only lowest 3 bidders i.e. L1, L2 and L3 bidder will be given item wise participation in personal negotiation. For goods tender L1 price taken will be item wise L1 price and for turnkey projects / works L1 price will be based on L1 of complete work and not on the basis of individual line items. In case any of the bidders/suppliers are not able to fully or partially participate in personal negotiation because of any personal or technical issue on their side, then the bids received by the union in the personal negotiation or any bids etc., submitted in physical form/email/verbal communication etc., will not get considered. However, Dudhsagar Dairy reserves the right to reconduct personal negotiation starting from previously closed rates.



## Annexure -7: Performance Security & Payment Terms

**Performance Security:** The Performance Security shall be 5.0 % of the Contract Price from a nationalized/scheduled bank and will remain valid for 60 days beyond the end of warrantee period of 12 months.

**Retention Money:** The retention money shall be 7.5% of work done to be deducted in running bill and maximum up to 5.0% of project work done and it will be released after 60 days from completion of work/final bill certification.

**Performance Bank Guarantee (PBG):** After submission of Performance Bank Guarantee of 5% of contract value, Union will release EMD.

a. The proceeds of the performance security shall be payable to the purchaser (Dudhsagar Dairy) as compensation for any loss resulting from the Supplier's failure to complete its obligations under the Contract.

b. The performance security will be discharged by the Purchaser and returned to the Supplier not later than 30 days following the date of completion of the Supplier's performance obligations, including any warranty obligations, under the Contract.

c. The Performance Security shall be denominated in Indian Rupees and shall be in the form of bank guarantee issued by a Nationalized / Scheduled Bank in India and in the form provided in the Bidding Document. Such bank guarantee shall be valid till the expiry of the warranty period.

#### Payment Terms: Payment terms will be as follows:

a. The contractor will submit a bill in approved performa in triplicate to the Union for the work given, in standard abstract and measurement sheet for various items executed once in a month or on the completion of the work.

b. In case of any dispute as to the mode of measurements, Indian Standard Specifications shall be followed.

c. All the running accounts payable shall be regarded as payment by way of advance against the final bill and not as payments for work actually done and completed.

#### **Payment of Contractor's Running Bill:**

a. This payment will be made after making necessary checking and deductions.

b. Retention money will be deducted at the rate of 7.5 % of the certified gross value of running bill and it shall be maximum up to 5.0 % of project cost.

Retention Money shall be released as under:

a. 2.5 % on final bill certification.

b. 2.5 % after 60 days from settlement of final bill or work completion certificate.



c. For retention money, the bidder can submit Bank Guarantee of 5.0% of project value to cover the scope of the completion period.

Contractor shall provide suitable Bank Guarantee for minimum 5.0 % of the contract value to cover the scope of the defect liability clause as Performance Bank Guarantee which will remain valid for 60 days beyond the end of warrantee period of 12 months.

When contractor will submit Performance Bank Guarantee than after EMD will be release on written demand of contractor /bidder.

Refer SPECIAL TERMS & CONDITIONS FOR CIVIL WORKS & SPECIFICATIONS

Document no. GTC/Civil/0041/03/27062022



# Annexure -8: Delivery Terms and Conditions

S. No.	Description	Details
1	Delivery Location	Vihar Chilling Centre, Vihar
2	Delivery / Work Completion Period	One Month from Receipt of PO
3	Other Remarks	



# Annexure -9: Contact Details

## **User Department**

Contact user department for technical queries, specifications, date extension etc.

S. No.	Contact Person	Contact No.	E-mail ID
1	Mahendra chaudhary (Engineer - Civil)	9662537524	civil@mehsanaunion.coop
2	J J Chaudhari Incharge - Civil	99740 59319	jjc@mehsanaunion.coop
3	JP Jani (Head – Projects & Civil)	9974059258	jpjani@mehsanaunion.coop

## **Purchase Department**

Contact Purchase Department for queries in commercial terms and conditions, tendering process and help in filling tender.

S. No.	Contact Person	Contact No.	E-mail ID
1	Subodh Kant (Head - Purchase)	9974056670	skkant@mehsanaunion.coop
3	Kinnari Pandya (Sr. Executive – Purchase)	9265976912	kvpandya@mehsanaunion.coop

	Mehsana District Co-operative Milk Producers' Union L Dudhsagr Dairy Mehsana	Imited					
Nam	Name of Work : Civil Maintance and Renovation work of ground floor AH-CS Building at Vihar chilling center.						
		Ŭ			:27/01/2023		
IT.No.	Items	Qty	Rate	Unit	Amount in Rs.		
1	Excavation in all types of soil, including murum, for foundations of wall, columns, plinth beams, basement, raft ducts, trenches, underground sumps, septic tanks etc. including shoring strutting, bailing out water/pumping of water if required, re-filling the trenches, foundation pits, ramming, watering consolidating in 15 cms to 20 cms layers, removing and stacking simultaneously the excavated stuff as directed within the site area up to a lead of 500 mtr and/or spreading soils in layers for site development and consolidating as directed etc. complete.From existing ground level to 1.5Mtr depth			CUM			
2	Providing and laying machine mixed brickbat cement concrete in volumetric proportion 1:3:6 (1 cement : 3 coarse sand : 6 stone aggregates 37 mm and down) for specified thickness, for foundaitons below walls, column footings, sunk floor terraces at any height above plinth level raft at any depth below floors, pavements roads, plinth protection, etc. including centering and shuttering if required, laying spreading, ramming, consolidating as per requirement and curing etc. complete as directed.			CUM			
3	Providing and laying in position machine mixed and machine vibrated plain cement concrete for all types of reinforced cement concrete structural elements, viz. Foundations, floor slab on ground, raft, plinth beams, columns, beams, slabs, flat slabs, mullion,sunk slabs, copings, lintel lofts, chajja with drip ,mould, retaining walls, parapet boxes, folded plates weather shed, gutters, fins stair cases sloping slabs etc., curved / circular surfaces as specified and as per structural design & as directed using 20mm down graded machine crushed black trap stone aggregate including design of concrete mixes, weigh batched propotioning including necessary centering and shuttering at any lift and lead as specified finishing concrete surfaces, curing etc. complete but excluding of reinforcement.'- Do - as above for M 20 concrete in col foundation ,rafts, slab on ground etc.			CUM			
4	Providing, fabricating & fixing in place and position steel reinforcement for RCC structures as per design including transporting steel from site stores (within site premises) to the work site, unloading cutting, bending and binding with 16 guage anhealed soft iron wires (to be supplied by the contractor at his own cost) welding if necessary etc complete as directed .Payment will be made on the length basis and standard co efficient to convert in weight as per ISS. (Rolling margins and wastages will not be paid).For TMT steel bars			KG			
5	Making holes in old/new concrete by drilling of required diameter & depth as per detail & directed, anchoring steel bars in drilled hole properly of required length & diameter, grouting with epoxy chemicals such as "Fischer" fixing system, Forsoc, sico or equivalent as per detail & directed.(a) 8 mm Tor steel bar			NO.			
(A)	Making holes in old/new concrete by drilling of required diameter & depth as per detail & directed, anchoring steel bars in drilled hole properly of required length & diameter, grouting with epoxy chemicals such as "Fischer" fixing system, Forsoc, sico or equivalent as per detail & directed.(a) 12 mm Tor steel bar			NO.			

IT.No.	Items	Qty	Rate	Unit	Amount in Rs.
6	Repairing of Old/Existing Reinforced Cement Concrete (RCC) Structures with polymer Surface Preperation. 1. Chipping off old loose plaster and damaged RCC elements of buildingsstructures using chisel/ hammer and wire brush upto sound concrete surface. 2. Providing and applying rust remover followed by rust convertor (both should be acid base) to the corroded reinforcement bars after completing surface preperation as per the item of Drilling Holes to fix Grouting Nipples in Damaged RCC. 3. Providing , fabricating placing and binding of TMT reinfocement steel as per detail. (Quantity of reinfocement steel will be measuredand paid saperately the reinforcement steel to be fixed with existing concrete surface by providing and making hook from 6mm dia MS bars fixed by chemical dowelling by Hilti or Feasher method at spacing of 1.5 x 1.5m area as required ( this doweling bars will be measured and paid saperately in no. in relevent items ) 4.providing and applying polymer based bonding coat on sound and dry concrete surface prepared and reinforcement work completed as above prior to application folymer modified repair mortar or concrete. This to be applied just before application of polymer modified mortar/ concrete but for providing and applying of polymer modified mortar/ concrete but for providing and applying of polymer first layer having proportion of bonding coats as 100 parts by weight of cement and 100 parts by weight of polymers etc complete as directed.	2.50		SMT	
7	Repairing of Old/Existing Reinforced Cement Concrete (RCC) Structures with polymer Surface Preperation. 1. Chipping off old loose plaster and damaged RCC elementsof buildingsstructures using chisel/ hammer and wire brush upto sound concrete surface. 2. Providing and applying rust remover followed by rust convertor (both should be acid base) to the corroded reinforcement bars after completing surface preperation as per the item of Drilling Holes to fix Grouting Nipples in Damaged RCC. 3. Providing , fabricating placing and binding of TMT reinfocement steel as per detail. (Quantity of reinfocement steel will be measuredand paid saperately the reinforcement steel to be fixed with existing concrete surface by providing and making hook from 6mm dia MS bars fixed by chemical dowelling by Hilti or Feasher method at spacing of 1.5 x 1.5m area as required ( this doweling bars will be measured and paid saperately in no. in relevent items ) 4.providing and applying polymer based bonding coat on sound and dry concrete surface prepared and reinforcement work completed as above prior to application of polymer modified mortar/ concrete. This to be applied just before application of polymer modified mortar/ concrete but for providing and applying of polymer modified mortar/ concrete but for providing and applying of polymer motar/ concrete appliucation in total 50-75mm thickness in 3layer at all lvels in all layers by applying polymers cement bonding coat Tapcrete P-151 over first layer having proportion of bonding coats as 100 parts by weight of cement and 100 parts by weight of polymers etc complete as directed.	2.00		Smt	
8	Jacketing RCC columns: Removing the plaster and loose materials, cleaning, washing, exposing the reinforcement, removing the rust by applying rust converter "MYK -RUST CONVERTER", applying Epoxy Bonding Agent "MYK-BOND EBA" to all the surfaces, welding additional reinforcing bars as per details, providing shear keys with Polyester Resin Anchor Grout "MYK ANCHOR HF 66" as per details, concreting the disturbed portion plus additional pardi thickness up to 100 mm. with RCC M25 as per details, and plastering with polymer modified mortar using "MYK - LATEX 45R", painting and finishing as per surrounding as directed. Concreting includes all necessary cantering and shuttering. The item also includes necessary excavation, removal of flooring, PCC etc., taking all necessary precautions for the safety of the existing structure and the people working by providing props,MS temporery supports, centring, staging, shuttering as directed and required. Note: The rate includes from Foundation to all height in supper structure.	5.00		CMT	

IT.No.	Items	Qty	Rate	Unit	Amount in Rs.
9	To repair Structural damage of RCC member like beam, column, lintel, slab, etc Removing the plaster and disintegrated loose portion of RCC member, cleaning/exposing the Reinforcement, applying "MYK-Rust converter "agent to remove rust from reinforcement, applying Anticorrosive metal coat thoroughly over reinforcement, applyingEpoxy base bonding agent "MYK BOND EBA" on the whole surface, welding additional reinforcement to existing one if required, fixing galvanized steel wire fabric (weld mess jali) of 50mm X 50mm X 12 swg , sealing and Grouting the Crack and the disturbed portions with applying plaster using polymer modified mortar using "MYK-LATEX 45R", painting and finishing as per surrounding surfaces and working at any height including neessary scafolding etc all complate as directed	5.00		Smt	
10	Grouting of RCC members and masonry walls at all levels : Providing and fixing plastic nipples for grouting in RCC or Masonry structures, including removing the plaster, making V Groove in cracks, cleaning of cracks, drilling holes at 300 mm Centre to Centre , fixing the nozzle with low viscous Epoxy grouting material "MYK-GROUT Inject E200" nipples till the refuse to accept the grout through using kellick – noxan heavy duty Grouting pump or any other approved method to give a pressure of 7.5 kg per sq. cm, cutting and sealing the nipple holes , applying chicken wire mesh, plastering with polymer modified mortar using "MYK LATEX 45R" , painting and finishing as per surrounding surfaces as directed. The Item shall be paid only on the actual Consumption MYK-Grout Inject E200 Mixing And Placing of "MYK -GROUT inject E200: Pour all the contents of the hardener pack into the base container. Mix using a slow speed power mixer for 60seconds. Use a suitable pressure pump for injecting the material into cracks. The low Viscous Epoxy injection system is to be injected well before the pot Iife. After 24 hours remove the nipples and seal the holes or voids with more sealing the compound and allow curing - Mixing of MYK LATEX 45R in Cement mortar : Mixing of MYK Latex 45R in water 1:6 (1liter MYK LATEX 45R : 6 Liter Water) and used this Proportion for Cement Mortar as per requirement) . The Cost Shall be considered actual material consumption.	5.00		kg	
11	Providing and constructing brick masonary in CM 1:6 (1 cement & 6 coarse sand) with approved first class bricks having minimum crushing strength of 40-50 kg/sq.cm including scaffolding, racking out the joints, curing etc. Complete as directed by Engineer - in charge. For foundation at all levels below and upto plinth level.	3.25		CUM	
[a]	Providing and constructing brick masonary in CM 1:6 (1 cement & 6 coarse sand) with approved first class bricks having minimum crushing strength of 40-50 kg/sq.cm including scaffolding, racking out the joints, curing etc. Complete as directed by Engineer - in charge. from plinth level to 5.0 m height.	21.50		CUM	
12	Providing and applying 12m thick finish cement plaster at all heights and below plinth in 1:4 cement mortar to the walls, beams, ceiling, strair, column, pardis, bends, moulds, pattas, grooves including scaffoldig, curing & finishing smooth. The plaster surface shall be rubed with "Iron plate", till the surface shows cement paste in line and level complete as directed.	73.00		SQM	
13	Providing and applying 19 mm thick sand faced cement plaster in two coats at all heights with first coat of 12 mm with cement mortar 1:4 (1 part cement : 4 parts of sand) and second coat of 7 mm with cement mortar 1:3, rough finish with using sponge / "Tipani", on all types of concrete / brick surfaces making grooves as per detail, including scaffolding, curing etc. complete as directed.	300.00		SQM	

IT.No.	Items	Qty	Rate	Unit	Amount in Rs.
14	Providing and laying polished green kotah stone flooring using one side pre polished chiesel dressed green kotah stone in uniform shade of size 17"x17" / 17"x23" / 23"x23" (thickness of the stone 30 mm to 35 mm) over 37 mm thick cement morter 1:6 with flush pointing of joints with cement paste mixed with green colour, machine and hand polishing, daily moping with water and kerosene as directed for atleast 15 days etc. complete as directed.as above in Normal Pattern.	15.00		SQM	
15	Providing and laying 40 mm thick IPS flooring, with 28 mm thick CC 1:2:4 (1	17.50		SQM	
	cement, 2 coarse sand and 4 stone aggregate 12.5 mm and down graded)				
	finished smooth with 12 mm thick plaster in CM 1:4, chequered / brrom /				
	smooth finish including rounding off the junction and corners with floors and				
	walls, necesary construction joints, curing etc. complete as directed.				
16	Providing and laying ceramic tiles 7 to 8 mm thick, of any size as per detail, in floor and dado of approved make and colour such as Somani/Asian/ Naveen or equivalent of first quality set in cement slurry over minimum bedding of 12 mm thick cement mortar 1:3 laid to proper slope, line and level, as specified including curing and cleaning with the mild oxalic acid etc all complete as directed.	10.00		SQM	
17	Providing and fixing vitrified tile flooring & skerting of required size & thickness as per drawing, in desired shade of colour, laid in floors, treads sills for doors and windows and landing on 25mm thk cc 1:2:4 with 6mm and down graded aggreget over a 30 mm thick bed of 1 cement :6 coarse sand including spreading near cement slurry at the rate of 4.4 Kg/Sq.M, filling of joints with neat white cement slurry mixed with pigment to match the shade of tiles, rubbing curing, polishing, etc. complete as directed.	17.50		SQM	
18	Providing & Laying approved quality & shed of mirror polished machine cut 18	5.75		SQM	
	- 20 mm thick granite stone in required length and width as per the details over 37mm thick cement mortar beading 1:2 (1: cement : 2 course sand) in flooring walls sills,risers, treads steps,platforms, water trough etc including filling the joints with white /coloured cement rounding edges ,curing etc completed as directed.				
19	P/L vitrified tiles skirting in line, level including finishing of zarries with neat cement etc complete as directed			RMT	
20	Providing, fabricating and fixing in position, Shead, grill ,railing, steel ladder of MS sections as per architect's details including to smooth surface fixing hold fast of MS sections embedded in cocrete 1:2:4 (1 part cement, 2 part coarse sand, 4 part of stone aggregate 12 mm and down), anchor bolts including 2 coats of synthetic enamel paint of make J&N / Shalimar / British / Asian, over a coat of primer etc. complete as directed.			KG	
21	Dismentaling brick masonry walls and partitions, plastered or unplastered as per instructions including finishing the broken surface to match with the surounding, removing the debris as directed within site, cutting if any etc. complete as directed. The dismantling of stone masonary, BBCC, PCC & stone pitching would be measured under this item.	20.00		CUM	
22	Dismentling the RCC beams, slabs, lintels, columns, pardi walls, platform etc. including finishing the broken surface to match with the surrounding, removing the debris within site, including cutting the reinforcement if any etc. complete as directed.	1.00		CUM	
23	Dismentaling of the smooth/sand faced plaster dado from the existing wall surface/ceiling including necessary scaffolding, removing the debris outside of site as directed etc. all complete.	288.00		SQM	
24	Removing of existing MS/ wooden doors/Windows/Ventilators/Fly proof Shutters/grills including breaking side of Masonry wall,shiffting the door/Window/Vantilators in the site store as directed.	43.00		SQM	
25	Reparing of Existing Wooden Door including supply & fixing of hinges, holdfasts screws & fixing fixtures and fittings such as tower bolts, also as per detail & approved make or equivalent (size as per architects details) with 2 or more coats of approved enamel paint of required shade as directed. for fully openable type.Measurment out to out of shutter dimension will be paid for)	10.00		SQM	

IT.No.	Items	Qty	Rate	Unit	Amount in Rs.
26	Providing and fixing concealed in structure UPVC 25 mm Dia water supply line ISI approved mark, including all necessary specials, making zaris, making holes, cutting floor and making good after work is complete with painting the line with two coats of anticorrosive bituminous paint etc. complete as directed for following diameters at all levels.	50.00		RMT	
27	Providing and fixing Half turn lever operated Valve 25 mm dia of approved ISI quality, for pipe lines of following diameters as directed.	1.00		NO	
28	Providing and fixing brass chromium plated heavy quality pillar- taps/cocks (Jaqaur make) on water supply pipelines of 15mm dia with or without extension piece but with a flange, as approved by the Consultants etc., complete.(continental series)			NO	
29	Providing & Fixing the PVC water tanks like Sintex / Fusion etc. including supply and fixing the inlet, outlet, airvent, over flow, drain pipe sleeves of specified size with necessary newprine gaskets / packings/ washers, GI washers and check nuts etc., all complete as directed.	1000.00		LIT	
30	Providing and fixing 4 mm thick aluminium composite panel of Flexi Bond / Euro Bond with 0.25 mm foil with 2" x 1" x 1.60 mm thick aluminium hollow section tray system with minimum 20 mm bending with silicon Dow Coming of GE seal proof - ACP of approved indian make complete as per selection and direction of Architect for front facede for the building This item will be carried out as per manufacturer specifications.			SQM	
	GST 18				
		Total	amou	nt RS.	