



## TATA MEMORIAL CENTRE

**Advanced Centre For Treatment, Research And Education In Cancer. (ACTREC)**

**Kharghar Node, Navi Mumbai – 410210**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

### NAME OF WORK:

**CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND  
MASTER SEWER LINE AT ACTREC, Kharghar,  
Navi Mumbai - 410210**

### E-TENDER NOTICE

**No. : TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021**

NAME OF THE AGENCY	



Engineering services, Second Floor, Khanolkar Shodhika, Phone: 6873/2740 5011, 6873/2740 5067,

E. Mail : pghadi@actrec.gov.in, hkelkar@actrec.gov.in, engineering@actrec.gov.in,



**TATA MEMORIAL CENTRE**  
**Advanced Centre For Treatment, Research and Education In Cancer**  
**(ACTREC)**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY,  
GOVERNMENT OF INDIA

**NAME OF WORK:**

**CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT  
ACTREC, Kharghar, Navi Mumbai - 410210**

<b>Tender No:</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
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**LIST OF DOCUMENTS**

NAME OF THE AGENCY		
Sr. No.	List of Documents	Page No.
<b>Technical Bid. (Hard copy also to be Submitted).</b>		
I	E.M.D. for <b>Rs 9,04,000/-</b>	
1	Section I: Notice Inviting Tender	4
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	Section – III : Special Conditions of Contract	35
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	· List of Make	44
	Section – IV : Book containing Conditions of Contract	80 pages
	Section – V : Technical specifications	80 pages
<b>VOLUME II – Schedule of Quantities</b>		
1	Hard copy of Technical Bid is to be submitted and endorsed at security main gate before last date of submission and must be signed with stamp/seal on all pages.	
2	It may please be noted that both hard copy and soft copy of technical bid are required i.e uploaded version in Tenderwizard and Hard copy submission before due date and time. If agency is unable to do so will be disqualified.	
3	EMD in original is to be submitted in separate envelop along with hard copy of technical bid before due date and time. If agency is unable to do so will be disqualified.	
4	<b>Financial bid to be submitted ONLINE ONLY and hard copy are NOT to be submitted. Bids of agencies submitting hard copy of filled up financial bid shall be summarily rejected (Agency will be disqualified)</b>	



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**E-TENDER NOTICE.**

NAME OF THE AGENCY		
1	NIT No.	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
2	Name of work	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210
3	Estimated cost put to tender (Including GST)	Rs - 4,52,00,000/-
4	Earnest Money Deposit (EMD)	<p>EMD of <b>Rs. 9,04,000/-</b> to be submitted in the form of Fixed Deposit Receipt/ DD issued by a Scheduled bank in favour of <b>Accounts Officer, TMC-ACTREC, Payable at Navi Mumbai</b></p> <p>However the bidders may submit the EMD as follows:</p> <p>i) <b>Rs.9,04,000/-</b> in the form of FDR/DD as prescribed above.</p> <p>or</p> <p>ii) a) 50% of EMD Amount i.e., <b>Rs.4,52,000/-</b> in the form of Demand Draft/ Bankers Cheque or Fixed Deposit Receipt as prescribed above and</p> <p>b) Balance amount 50% of EMD Amount i.e., of <b>Rs. 4,52,000/-</b> in the form of Bank Guarantee (BG) issued by a Scheduled Bank drawn in favour of 'Accounts Officer, ACTREC</p> <p>Note: 1) Bank Guarantee should strictly in accordance with the prescribed format otherwise it shall not be accepted.</p> <p>2) EMD in the form of cheque will not be accepted.</p> <p>3) As per Rule 170 of General Financial Rules (GFRs) 2017, Micro and Small Enterprises (MSEs) and the firms registered with concerned Ministries/ Departments are exempted from submission of Bid Security. Further, in lieu of Bid Security, Bidders to sign "Bid Security Declaration" accepting that if they withdraw or modify their bids during period of validity etc., they will be suspended for the period <b>ONE YEAR</b> from opening of Financial bid.</p>
5	Completion period	<b>10 Months (including monsoon period if any)</b>
6	i) Performance Guarantee	3% of Tender Value (The successful bidder is to submit the Performance guarantee within prescribed timeline and will be returned without interest on settlement of contractor's final bill and issuance of completion certificate)
	ii) Security Deposit.	2.50% of Tender Value (will be deducted from each running bill and will be returned without interest on successful completion of Defect liability period)
7	Tender Processing Fee	<b>Rs xxx/- in the form of online payment.</b>

8	Warranty and After Sales Service	Works should have 1 year Comprehensive Warranty for overall project after completion and handing over of project.
9	Dates of availability of Tender Documents for view and download	From 03-03-2021 time 17:30 Hrs. to 18-03-2021 up to 17:00 Hrs on website <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> . Detailed NIT is also available on website <a href="http://www.actrec.gov.in">www.actrec.gov.in</a> for view only.
10	Site visit	Bidder should visit the site to ascertain scope of work before putting up the Bid in working hours with prior intimation. For any queries regarding the same Bidders can contact Engineering Dept, ACTREC. Agency can contact on 022 - 27405011/27405067 - Mr Pratik Ghadi, Engineer 'C'
11	Local (Mumbai/ Navi Mumbai Region ) Address of Bidder	
12	Pre Bid Meeting	A. Pre-Bid query: Till 09-03-2021 on pghadi@actrec.gov.in/hkelkar@actrec.gov.in. B. Pre Bid Meeting will be held on 11-03-2021 ( 11:00 hrs to 13:00 Hrs). Pre Bid meeting will be held at engineering Dept ACTREC C. Post pre-bid query : Till 15-03-2021 on pghadi@actrec.gov.in/hkelkar@actrec.gov.in. Navi Mumbai.
13	Dead Line for submission of Original DD etc. towards Tender EMD. And technical bid hard copy.	On or before 22-03-2021 (17:00 Hrs.) in the Office of OIC ES ,2nd floor, Khanolkar Shodhika, ACTREC, Navi Mumbai 410210
14	Last date and time of closing of online submission of tenders:	On or before 22-03-2021 (17:00 Hrs.)
15	Date and time of online opening of Technical Bid.	On 23-03-2021 (10:30 Hrs.)
16	Date of opening of Financial Bids of qualified bidders.	Will be notified at a later date.

Note: 1. Director-ACTREC reserves the right to accept or reject the tender(s) in full or in part, without assigning any reason thereof. Tenders with any condition including conditional rebate shall be rejected forthwith.



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## Advanced Centre For Treatment, Research and Education In Cancer (ACTREC)

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
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Tender Name:	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210
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### GENERAL INSTRUCTIONS TO TENDERER

NAME OF THE AGENCY	
<b>Important</b>	<b>THE LOCATION OF WORK TO BE EXECUTED IS CANCER PATIENTS AREA. EXTRA CARE SHALL BE TAKEN WHILE EXECUTING THE WORK. IT IS REQUESTED TO VISIT THE PLACE OF WORK BEFORE SUBMITTING THE TENDER.</b>
1	Tender Documents can be viewed on our web site <a href="http://www.actrec.gov.in">www.actrec.gov.in</a>
2	Conditions of Contract may be downloaded from our website <a href="http://www.actrec.gov.in">www.actrec.gov.in</a> (in case of difficulty please contact on 2740 5011 - Mr. Pratik Ghadi Engineer 'C' - Civil.
3	Registered contractors can only purchase /download & upload tenders documents.
4	Interested agencies may visit <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> for registration.
5	Contact for assistance/ clarifications/registration on 09969395522/ 022-25487363 (Shri. Rudresh), e-mail: <a href="mailto:rudresh.tenderwizard@gmail.com">rudresh.tenderwizard@gmail.com</a>
6	Bidders who fulfill the following requirements shall ONLY be eligible to apply. (Joint ventures are not accepted).
7	For further information, please contact on (022) 68735011 during office hours. The existing "SECTION - 1: NOTICE INVITING TENDERS" OF "CONDITIONS AND CLAUSES OF CONTRACT - 2008" (P.5 & 6) in use for 2/3 bid TENDERING has been modified as per the requirement of e-Tendering. The modified VERSION OF THE SAME" is enclosed as CS-13 (Correction Slip - 13 to Conditions and Clauses of Contract -2008).
8	Proof of registration/associations with Government / Semi Government / Corporate Hospitals & having experience in execution of <b>similar nature and magnitude of works.</b>
9	Should have satisfactorily completed the works as mentioned below during the last seven years ending previous day of last date of submission of tender:
10	Three similar works each costing not less than <b>Rs. 181.0 Lakh</b> each, or ( 40% of Estimation Cost)
11	Two similar works each costing not less than <b>Rs. 271.00 Lakh</b> each, or ( 60% of Estimation Cost)
12	One similar work costing not less than <b>Rs. 362.00 Lakh</b> ( 80% of Estimation Cost)
13	<b>Similar works shall mean Following:</b>
13 (i)	<b>Construction of Sewage Treatment Plant or Water Treatment Plant or Effluent Treatment Plant or Industrial Waste Water treatment plant.</b>
14	<b>BOQ for similar work as described in clause 13 (i) may include electromechanical and allied civil works.</b>

15	The value of executed works shall be brought to the current costing level by enhancing the actual value of work at a simple rate of <b>7% per annum</b> ; calculated from the date of completion to the last date of receipt of tender.
16	Annual turnover as per ITCC or profit & loss statement for the last 5 years (Average annual turn over for the last 3 financial years should be at least <b>Rs. 2.26 Crores</b> , not having incurred any loss in more than 2 years during last 5 years ending 31.03.20 (last Financial year).
17	The bidding capacity shall be equal to or more than the above respective estimated cost. The bidding capacity shall be worked out by following formula
	<b>Bidding capacity = ( A x N x 2) - B</b>
	<b>Where</b>
	A- Maximum value of similar works executed in any one year during last 5 years taking into account as completed as well as works in progress.
	N- Completion of works in years.
	B- Value of existing commitments and ongoing works to be completed during the period of completion of work.
18	Should not have incurred any loss in more than two years during the last five years ending 31st March, 2020.
19	<b>Networth certificate: Networth certificate of minimum 15% of the estimated cost put to tender issued by certified Chartered Accountants (on the format prescribed in form B-1)</b>
20	List of similar works in hand & similar works carried out by them for last 7 years indicating i) Agency for whom executed, ii) Value of work, iii) Completion time as stipulated and actual, or present position of the work.

21	List of construction plant, machinery, equipment, accessories & infrastructure facilities possessed by the agency to complete the work in time.
22	List of Technical staff they possess.
23	CERTIFICATES: (Scanned copy of original certificates to be uploaded)
i)	Performance Certificates
ii)	GST registration certificate
iii)	PAN (Permanent Account Number) Registration
iv)	OEM authorization certificate (For Supply, installation, Service) as may be the case.
V)	Company Registration certificate
24	<b>UNDERTAKING as under:- (Scanned copy to be uploaded at the time of submission of bid).</b>
	I/We undertake and confirm that the contracted works shall not be got executed through sub- contractor on back to back basis. Further that, if such a violation comes to the notice of Director-ACTREC, I/we shall be liable to be debarred & black listed as the case may be for bidding in future. Also if such violation comes to the notice of department before date of start of work, the Engineer in-charge shall be free to forfeit the entire amount of Earnest Money Deposit/Performance Guarantee.
25	The intending bidder must read the terms and conditions as per “SECTION - 1: NOTICE INVITING TENDERS” OF “CONDITIONS AND CLAUSES OF CONTRACT - 2008” carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required. Director-ACTREC reserves the right of Non-consideration of Tender documents of the agencies who are not fulfilling the NIT stipulations and / or having adverse report on the works carried out by them in the past.
26	Information and Instructions for tenderers posted on website shall form basis of of tender document.
27	Hard copies of Technical Bid shall be submitted in ACTREC before due date and time. Hard copies shall include all documents as uploaded online.
28	<b>OBTAINING OF STANDARD DOCUMENTS:</b> In addition to the above, the prospective bidders are required to possess all documents which form part of Tender Documents for this work. The required documents ( Condition of Contract) can be downloaded from the ACTREC’s website (tender section on <a href="http://www.actrec.gov.in">www.actrec.gov.in</a> ). In case the agencies already possess these standard documents with them, the same need not be downloaded / purchased again. Printed books are available at the Engineering Services, TMC-ACTREC, Kharghar, Navi Mumbai- 400 210.
29	The bid can only be submitted after uploading the mandatory scanned documents such as Demand Draft or Pay order or Banker`s Cheque or Fixed Deposit Receipts and Bank Guarantee of any Scheduled Bank towards cost of tender document and EMD in favor of “ACCOUNTS OFFICER, TMC-ACTREC” and Processing Fee in favor of “ITI LIMITED, NEW DELHI” and other documents as specified.
30	Those bidder who are not registered on the website mentioned above, are required to get registered. If needed, they can be imparted training for online bidding process as per details available on the website.
31	The intending bidder must have valid class-III digital signature to submit the bid.
32	On opening date, the bidder can login and see the bid opening process.



33	<b>Certificate of Financial Turn Over:</b> At the time of submission of bid, bidder may upload Undertaking / Certificate from CA mentioning <b>Financial Turnover of last 3 years and</b> including profit & loss statements and further details if required may be asked from the contractor after opening of technical bids. There is no need to upload entire voluminous balance sheet.
34	Bidder must ensure to quote rate of each item. The column meant for quoting rate in figures appears in <b>YELLOW</b> colour and the moment rate is entered, it turns <b>SKY BLUE</b> . In addition to this, while selecting any of the cells a warning appears that <b>if any cell is left blank the same shall be treated as "0"</b> . Therefore, if any cell is left blank and no rate is quoted by the bidder, rate of such item shall be treated as "0" (ZERO). in the schedule of quantities, if rates are not quoted for items or if a firm quotes " NIL/N.A./Not applicable/----/ Leaving blank space etc." charges, the bid shall be treated as unresponsive and will not be considered. <b>DO NOT use vague terms.</b> Insert required information with clear meaning in technical bid & financial bid.
35	The Director-ACTREC reserves the right to accept / reject any prospective application without assigning any reason thereof.
36	Short listing of the bidders shall be subject to thorough verification of their credentials and inspection of works carried out by them, through a Technical Evaluation Committee of experts, constituted by ACTREC
37	<b>IF ANY INFORMATION FURNISHED</b> by the bidder is found to be incorrect at a later stage, they shall be liable to be debarred from tendering / taking up works in TMC.
38	<b>PROSPECTIVE BIDDER SHALL SATISFY THEMSELVES OF FULFILLING ALL THE NIT CRITERIA BEFORE SUBMISSION OF TENDER.</b> Director-ACTREC reserves the right of non consideration of tender of the bidder not fulfilling the stipulated criteria.
39	<b>Any Additional work needs to be executed for completion of work, CPWD DSR 2018 rates will be considered and if the rates are not available then Engineer-incharge may refer the rates of work orders of other central govt. agencies or may obtain quotation from market whichever is lowest quote will be applicable and binding to the contractor.</b>
40	TMC-ACTREC does not guarantee opening of the tender immediately after the closing date and time due to reasons beyond its control and hence tenders can be opened after the due date and time also. It will however will be ensured that no offers are submitted after tender closing date and time. Bidder cannot submit/modify any offer or attach any file to it after closing date and time as stipulated in the tender notice. System does not permit any alternation, modification, deletion of any entry or condition, offered by the tenderer in the e-tender, after closure of the virtual date and time.
41	ACTREC will not be responsible for any kind of technical problem at Bidder's end in case of difficulty in up loading of tender. Bidders are adviced to finish the uploading of tender well before time. No tender will be accepted by ACTREC at later stage that could not be uploaded because of unforeseen technical problems.
42	Bidders who have successfully up loaded the tender documents and forwarded physical (hard) copies of the Technical Bid before due date and time will only be considered. Please note that bidder will have to finish both the activities to proceed further. Otherwise bidders will be disqualified.
43	All papers submitted with the tender should bear the signature and stamp/seal of the bidder on every page.
44	All information in this tender shall be in English only.
45	Rate quoted should be in Indian currency only.

46	Tender containing clerical errors, typographical error/ arthrmelial mistake may be libile to be rejected.
47	All the rates quoted shall be inclusive of all taxes except GST which will be paid extra as applicable.
48	Only one rate shall be offered for the Item. Multiple rates against one items shall be rejected.
49	The bidder shall quote rates which shall remain valid for acceptance by ACTREC for a period of 150 days or stipulated time limit as mentioned in the tender documents.
50	Only lowest offer may be considered for further proceedings.
51	Performance Gaurantee: Performance Gaurantee will have to be submitted at the rate of 3% of the contract value valid for 2 Months after completion of work to be submitted within 15 days of issue of Letter of Intent.
52	Security Deposit will be deducted @ 2.5% of work order value from the running bills and will be refunded after completion of defect liability period of one Year.
53	Submission of more than one Tender by a particular Tenderer under different names is strictly prohibited. In case it is detected later that this condition has been violated all the tenders submitted by Tenderer would be rejected or cancelled and earnest money or security deposit will be forfeited in addition to such legal action as may be deemed fit and proper.
54	Canvassing in connection with tender/quotation is strictly prohibited.
55	Director-ACTREC reserves right to reject any or all the quotations or allot part of the work to different agencies without assigning any reason.
56	Mode of measurement will be as per the guidelines laid in the Departmental conditions of contract & technical specification.
57	<b>Awarding work order will be strictly as per "L1 criteria"</b>

I have read the Above instructions carefully and understood in right perspeticve.

Date:

Seal and Signature.



## TATA MEMORIAL CENTRE

### ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER (ACTREC).

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
Name of Work	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

#### LETTER OF TRANSMITTAL

NAME OF THE AGENCY	
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To  
The Officer Incharge,  
ACTREC,  
Kharghar, Navi Mumbai - 410210

Subject: CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

Having examined the details given in qualification Press-Notice and qualification document for the above work, I / we hereby submit the qualification document and other relevant information.

- 1) I / We hereby certify that all the statements made and information supplied in the enclosed forms A to H and accompanying statement are true and correct.
- 2) I / We have furnished all information and details necessary for qualification and have no further pertinent information to supply.
- 3) I / We submit the requisite certified Networth certificate and authorize the officer Incharge ACTREC, to approach individuals, employers, firms and corporation to verify our competence and general reputation.
- 4) I / We proposing following works in support of our qualification for the subject works.

Sr. No.	Name of Work	Client Details	Date of Completion	Final cost of works

Date:

Seal and Signature.



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Tender No:	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
Name of Work	<b>CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210</b>
<b>FORM A :- Financial Information</b>	
NAME OF THE AGENCY	

1) Financial Analysis - Details to be furnished duly supported by figures in balance sheet / profit & loss Account for the last five years duly certified by the Chartered Accountant, as submitted by the applicant to the Income Tax Department [Copies to be attached].

Particulars	Financial Year				
	2015-16	2016-17	2017-18	2018-19	2019-20
i) Gross Annual turnover on Construction work					
ii) Profit / Loss					

2) Financial arrangements for carrying out the proposed work.

3) The following certificates are enclosed :

- a) Profit & Loss account certificate by CA & as submitted to Income Tax Department
- b) Current Income Tax Clearance Certificate.
- c) Networth certificate - Form "B-1"

Date:

Seal and Signature.



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#### FORM-B1

<b>Tender No.</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
<b>Name of work:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

<b>Name of the Vendor</b>	
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#### Form "B-1"

##### FORM FOR CERTIFICATE OF NET WORTH FROM CHARTERED ACCOUNTANT.

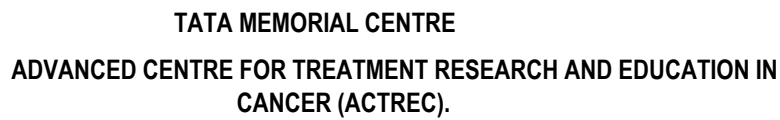
" it is to certify that as per the audited balance sheet and profit & Loss account during the financial year \_\_\_\_\_, the Net Worth of M/s \_\_\_\_\_ (Name & registered Address of individual/firm/company), as on \_\_\_\_\_ (the relevant date) is RS. \_\_\_\_\_ after considering all liabilities. It is further certified that the Net Worth of the company has not eroded by more than 30 % in the last three years ending on \_\_\_\_\_. (the relevant date)."

Signature of Chartered Accountant.

\_\_\_\_\_  
Name of Chartered Accountant.

Membership No. of ICAI

Date and Seal.



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<b>FORM C</b>	
NAME OF THE AGENCY	

[illegible]

[illegible]



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<b>FORM E</b>	
<b>PERFORMANCE REPORT OF WORKS REFERRED TO IN FORM "C" &amp; "D"</b>	
NAME OF THE AGENCY	

1)	Name of work / Project & Location	
2)	Agreement No.	
3)	Estimated cost	
4)	Tendered cost	
5)	Date of start	
6)	Date of completion	
	a) Stipulated date of completion	
	b) Actual date of completion	
7)	Amount of compensation levied, for	
8)	Amount of reduced rate items, if any	
9)	Performance Report	
	a) Quality of work	Outstanding/Very Good /Good /Poor
	b) Financial Soundness	Outstanding/Very Good /Good /Poor
	c) Technical Proficiency	Outstanding/Very Good /Good /Poor
	d) Resourcefulness	Outstanding/Very Good /Good /Poor
	e) General behavior	Outstanding/Very Good /Good /Poor

Executive Engineer or Equivalent or Client

Dated:

Note: The Performance Certificate issued by Consultant(s) will not be considered.





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<b>FORM “F”</b> <b>STRUCTURE &amp; ORGANIZATION</b>	
NAME OF THE AGENCY	

1)	Name & Address of the applicant			
2)	Telephone No. / Fax No./E-mail ID			
3)	Legal Status of the applicant [Attach copies of the original document defining the legal status]			
	a) An individual			
	b) An proprietary firm			
	c) A firm in partnership			
	d) A Limited Company or Corporation			
4)	Particulars of Registration with various Govt. Bodies	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; height: 40px;"></td> <td style="width: 50%; height: 40px;"></td> </tr> </table>		

	Organization / Place of Registration	Registration No.
	a)	
	b)	
	c)	
5)	Names and Titles of Directors & Officers with designation to be concerned with this work.	
6)	Designation of individuals authorized to act for the organization. :	
7)	Has the applicant ever required to suspend construction for a period of more than six months continuously after you commenced the construction? If so, give the name of the project and reasons of suspension.	
8)	Has the applicant, or any constituent partner in case of partnership firm, ever abandoned the awarded work before its completion? If so, give name of the project and reasons of abandonment.	
9)	Has the applicant, or any constituent partner in case of partnership firm, ever been debarred/black listed for tendering in any organization at any time? If so, give details.	
10)	Has the applicant, or any constituent partner in case of partnership firm, ever been convicted by a court of law ?. If so, give details.	
11)	In which field of Civil Engineering construction the applicant has specialization and interest ?. :	
12)	Any other information considered necessary not included above :	



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A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
Name of Work	<b>CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210</b>
<b>FORM G</b>	
NAME OF THE AGENCY	

**FORM "G"**

Details of Technical and Administrative Personnel to be employed for the work

Sr. No	Designation	Total number	Number available for this work	Name	Qualifications	Professional experience and details of work carried out	How these would be involved in this work	Remarks
1	2	3	4	5	6	7	8	9

Signature of Applicant

[illegible]

6										
7										
8										
9										
10										
Signature of Applicant [s]										



**TATA MEMORIAL CENTRE**  
**Advanced Centre For Treatment, Research and Education In Cancer (ACTREC)**  
 A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

## Vendor Details

<b>Tender No:</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
<b>Tender Name:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

Sr No	List of Documents to be scanned & uploaded within the period of bid submission:	Details (to be given mandatorily)
1	Name / Title of the Bidder/ Type of Establishment	
2	We have quoted for all the items in Financial bid in the prescribed format of the Tender documents (say 'Yes/No') (Partial/Incomplete offers are liable for rejection)	
3	Full Address	
4	Name of the person authorized to deal/undertake business for and on behalf of the Bidder	
5	Telephone & Mobile Number	
6	Fax. No.	
7	Email Address	
8	Legal entity of Bidder whether Firm/Society/Company/SSI unit	
9	Establishment Registration Number	
10	Authority with whom Registered	
11	Main Business of the Bidder	
12	Authorized area of Operation in India	
13	Name & Address of Bankers	
14	PAN No. / TAN No.	
15	GST Registration Number:	
16	Networth certificate: Networth certificate of minimum 15% of the estimated cost put to tender issued by certified Chartered Accountants (on the format prescribed in form B-1)	
17	No. of Man power employed by Bidder	
	a) Scientific	
	b) Technical	
	c) Administrative	
	d) Financial	
18	Experience of the Bidder in dealing with the tendered item/works	
19	Performance Certificates / Work Completion Certificates.	
20	QUALIFYING EXPERIENCE ANY ONE OF THE FOLLOWINGS.	
	a) THREE Similar Works costing 40% of 'Tendered Value' i.e. RS. 181.0 lakh	
	b) TWO Similar Works 60% of 'Tendered Value' i.e. Rs 271 lakh	
	c) ONE Similar Works 80% of 'Tendered Value' i.e. Rs. 362.0 lakh	
	Similar Works shall be as per the clause 13 of General instructions to tenderers.	
21	Turn over in the last 5 years	
	2014-15	
	2015-16	
	2016-17	
	2017-18	

	2018-19	
22	Average Turn Over for Last 3 Years, certified by CA.	
23	Details of work orders in the last 3 years, amount, Name of Authority, Completion Period etc (separate sheet)	
24	List of plant & machinery of bidder (attach separate sheet)	
25	Demand Draft/BG/FDR Number for EMD, Amount, Date, Bank, etc	
26	There are no deviations of specification/type etc in any of the items of Financial Bid. (Deviations, if any, shall be mentioned in Technical Bid. The agency has to quote separately for the those items and enclose with Financial Bid)	

Certified that the above information is correct & true to the best of my knowledge and belief. Nothing has been concealed and fabricated and in case any information is found incorrect. I, the under signatory will be personally responsible.

**Date**

**Signature**

Name of authorized person for bidder with seal



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**Advanced Centre For Treatment, Research and Education In Cancer (ACTREC)**  
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**NEFT FORM**

APPLICATION FORM FOR DEPOSITING PAYMENT AGAINST BILLS IN BANK ACCOUNT BY ELECTRONIC CLEARING		
1	Name of the Bidder	
2	Bidder Address & Other Particulars	
3	PAN NO.	
4	GST NO.	
5	Mobile No.	
6	Email ID	
7	Account Holder's Name <b>(Title of the Account)</b>	
8	Bank Account No.	
9	Bank Name, Branch & Address	
10	9-Digit MICR code of the bank	
11	Account type <b>(CURRENT)</b>	
12	IFSC Code <b>(attach xerox copy of cheque)</b>	

Certified that the particulars furnished above are correct as per our records.

\_\_\_\_\_  
Signature of the authorised official from the bank.

**Bank stamp :**

**Date :**

**Note :** Xerox copy of cheque may be attached, without which the form will not be accepted.





**TATA MEMORIAL CENTRE  
ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER  
(ACTREC).**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

**CHECK LIST FOR LIST OF DOCUMENTS SUBMITTED**

<b>NIT No.</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021		
<b>NAME OF WORK:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210		
<b>Name of Agency</b>			
<b>SN</b>	<b>PARTICULARS</b>	<b>REMARKS</b>	
I	Name of the Bidder		
II	Postal address		
III	Contact with STD code		
IV	Fax with STD code		
V	Name of Contact person		
VI	Mobile No.		
VII	e-mail ID		
	BELOW GIVEN DOCUMENTS TO BE SCANNED AND UPLOAD IN THE WEBSITE <a href="http://www.tenderwizard.com/DAE">www.tenderwizard.com/DAE</a> WITHIN THE PERIOD OF SUBMISSION	Details to be fill-up	Scan copy attached "YES" OR "NO"
1	<b>Financial Turn Over Certified by CA</b>		
	2014-15		
	2015-16		
	2016-17		
	2017-18		
	2018-19		
2	<b>Profit &amp; Loss Statement Certified by CA</b>		
	2014-15		
	2015-16		
	2016-17		
	2017-18		
	2018-19		
3	<b>Networth certificate: Networth certificate of minimum 15% of the estimated cost put to tender issued by certified Chartered Accountants (on the format prescribed in form B-1)</b>		





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ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER  
(ACTREC).**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

**FORM-B**

<b>Tender No.</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
<b>Name of work:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

<b>Name of the Vendor</b>	
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**BID DECLARATION**

**DECLARATION**

To  
OIC-ES  
ACTREC KHARGHAR  
ACTREC/TMC/Department of Atomic Energy

Dear Sir,

I/We have gone through the tendering conditions pertaining to the Tender and General Conditions of Contract, Special Conditions of Contract and Additional Conditions of Contract, if any.

I/We hereby agree to execute the contract in accordance with the tender specifications incorporated along with of the tender document and also agree to abide by General Conditions of Contract, Special Conditions of Contract contained in the Tender document and Additional Conditions of Contract, if any.

I/We hereby agree to keep our above mentioned bid valid for the period mentioned in the NIT.

Prices applicable are indicated in the price bid format of the tender.

I/We are also uploading herewith all the leaflets/catalogue, etc. pertaining to the stores offered.

If I/We withdraw or modify the bid during the period of validity or if I/We are awarded the contract and I/We fail to submit a PSDBG before the deadline mentioned in the contract, I/We shall be suspended for a period of one year from being eligible to submit bids for contracts of Department of Atomic Energy/TMC/ACTREC

Yours faithfully

SIGN & STAMP OF BIDDER



## TATA MEMORIAL CENTRE

### ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER (ACTREC).

GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF  
INDIA

### Salient Governing Features of the Tender Proforma of Schedules

<b>Tender No.</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
<b>Name of work:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

<b>Name of the Vendor</b>	
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SCHEDULE 'A' :		
SN	TITLE	PARTICULARS
1	NIT No.	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
2	Notice Inviting Tender (NIT) details	i) NIT as uploaded on Web Site ii) NIT as published in News Papers
3	Scope and location of the work:	As per NIT
4	Time Schedule for the work:	As per NIT
5	List of drawings	NA
6	List of changes in conditions of contract	NA
7	List of changes in specifications	As shown below
	a. Civil work	As per NIT

	b. PH works	NA		
	c. Electrical works	NA		
8	Schedule of Quantities		Please refer Financial Bid	
SCHEDULE ‘B’ :				
Schedule of materials to be issued to the contractor				
S.	Description of item	Quantity	Rates at which the Materials	Place of issue
No			will be charged to the contractor	
1	2	3	4	5
1	Cement in bags	Nil		
2	Re-Bars for RCC	Nil		
3	Electricity	As required	Contractor has to make his own arrangement for the electricity required for work by forming tri-party agreement with MSEDCL or by hiring own DG sets.	No extra payment shall be made including for diesel for DG.
4	Water Supply		Contractor has to make his own arrangement for water supply for all construction work and for labours	Borewell may installed with prior permission from ACTREC. However test to be conducted to use the water for construction purpose. Alternatively water tankers may be procured at cost to contractor. No extra payment shall be made. All material, labour, machinery will be considered overhead for contractor.
SCHEDULE ‘C’ :		Land earmarked for temp. infrastructures and Tools & plants to be hired to the contractor		
S.No	Description		Hire charges	Place of issue
1	2		3	4
1	Area for storage / site office (SCC-11)		Rs. 1.00 per month	ACTREC Campus
2	Temporary Buildings (SCC-12)		Rs. 1.00 per month	ACTREC Campus
3	Labour hutments (SCC-12)		Agency to make his own arrangement for labour hutment	
SCHEDULE ‘D’				

Extra schedule for specific requirements /documents for the work, if any <b>Particularly for Security guidelines, Gate pass, lift, tower crane etc.</b>			As per NIT / SOQ		
<b>SCHEDULE ‘E’ :</b>	Reference to the Book of “TMC Conditions & Clauses of Contract” to be followed for this work				
<b>Name of Work: CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai 410210</b>			As per NIT		
Estimated cost of work :		Rs.452.00 Lacs		As per NIT	
i) Earnest money		Rs.9,04,000/-		As per NIT	
ii) Performance Guarantee		3% of tendered value		As per NIT	
iii) Security Deposit		2.5% of tendered value		As per NIT	
<b>SCHEDULE ‘F’ :</b>					
<b>General Rules &amp; Directions :</b>					
Tender inviting authority:			<b>Director , ACTREC</b>		
Maximum percentage for quantity of Items of work to be executed beyond which rates are to be determined in accordance with Clauses 12.2 & 12.3.			<b>See Clause-12 below</b>		
<b>Definitions :</b>					
2(v)	Engineer-in-charge			As nominated by OIC-ES	
2(viii)	Accepting Authority			Director, TMC	
2(x)	Percentage on cost of materials and labour to cover all overheads & profits			15% (Fifteen percent)	
2(xii)	Department			TMC	
9(ii)	Standard Contract Form of Deptt.			Item Rate Tender	
<b>Clause –1</b>					
i) Time allowed for submission of Performance Guarantee from the date of issue of letter of acceptance / WO.			15 days		
ii) Maximum allowable extension beyond the period (provided in –i) above with <b>late fee @ 0.1% per day, of performance guarantee amount.</b>			15 days		
<b>Clause – 2</b>	Authority for fixing compensation under clause 2.			Director,TMC /Director ACTREC	
<b>Clause – 5</b>	Number of days from the date of issue of letter of acceptance / WO for reckoning date of start.			Immediate/7/15 days	

Mile stone(s) as per table given below:			
<b>Table of Mile Stone(s)</b>			
Sl. No.	Description of	Time Allowed in days(from date of start)	Amount to be with-held in case of non achievement of milestone
	Milestone (Physical)		
1			
2			
<b>Clause applicable – (6 or 6A):</b>	Clause 6 for Manual Billing or		<b>6A</b>
<b>Clause – 7:</b>	Gross work to be done together with net payment / adjustment of advances for material collected, if any, since the last such payment for being eligible to interim payment.		<b>Rs. 30.00 Lakh</b>
<b>Clause – 10A:</b>	List of testing equipments to be provided by the contractor at site lab		
Cube mould 4 Set		Slump Cone	Tape , Vernier Calliper
Weighing Machine		Scale	Hammer
<b>Clause – 10B(ii):NOT APPLICABLE</b>			<b>(Mobilisation Advance)</b>
Whether Clause 10 B (ii) shall be applicable <b>(If yes, Clause of Tender Condition to be followed along with following terms &amp; conditions)</b>			<b>No</b>
<b>Clause – 10C:</b>	Component of labour expressed as percent of value of the work		<b>25%</b>
<b>Clause – 10CA:NOT APPLICABLE</b>			
S. No	Materials Covered under this Clause	Nearest Materials for which All India	<b>Basic Rate</b>
1	<b>Cement</b>	Grey Cement	<b>NOT APPLICABLE</b>
2	<b>Steel reinforcement bars</b>	Steel (Rebars)	<b>NOT APPLICABLE</b>
3	<b>Structural steel</b>		
<b>*Important Note: Not applicable since the period of execution is less than 18 months</b>			

<b>Clause – 10CC::</b>				
Clause 10 CC to be applicable in contracts with stipulated period of completion exceeding the period shown in next column.				<b>NOT APPLICABLE</b>
1				
2				
<b>Clause – 11:</b>				
Specifications to be followed for execution of this work				<b>a) Civil Works</b>
				<b>b) Electrical Works</b>
				<b>c) Installation of pumps etc.</b>
<b>Clause –12:</b>				
12.2 & 12.3	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for <b>Building works</b>			<b>30%</b>
12.5	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for <b>foundation work</b>			<b>100%</b>
12.5	Deviation Limit beyond which clauses 12.2 & 12.3 shall apply for maintenance work			<b>50%</b>
<b>Clause – 16:</b>	Competent Authority for deciding reduced rates :			<b>Director,TMC</b>
<b>Clause – 18:</b>	(to be incorporated by the Units, based on merit of the particular work)			
List of mandatory machinery, tools		Electrical Vibrators 04 Nos	Concrete Mixer	
Welding Machine		Barbending & Cutting	Hammer/ Drill/ Chisel	

<b>Clause – 36(i):</b>	<b>Requirement of Technical Representative(s) &amp; recovery Rate</b>
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Sl.	Minimum Qualification of Technical Representative Designation (Principal Technical/ Technical representative)	Min.	No.	Rate at which recovery shall be made from the contractor in the event of not fulfilling provision of clause 36(i).
No.		Exp. In yrs.		
1	BE Civil Engineer	5	1	Rs.25,000/-per month
2	BE/ Diploma Civil Jr Engineer	2	1	Rs.15,000/-per month
3 Supervisory/administrative staff – As required				
Note: i) Assistant Engineers / Scientific Officer- “C” & above, retired from Govt. services that are holding Diploma, will be treated at par with Graduate Engineers.				

Clause –42:				
(i)	(a) Schedule/statement for determining theoretical quantity of cement on the basis of :		Civil works Specifications for TMC	
(ii)	Variations permissible on theoretical quantities.			
A	Cement			
	i) for works with estimated cost put to tender not more thanRs.5 Lakhs		5% plus / minus	
	ii) for works with estimated cost put to tender more than Rs.5 Lakhs		3% plus / minus	
b	Bitumen for All works		2.5% plus only & nil on minus side	
c	Steel reinforcement and structural steel sections		(+) 5% for wastage, over & above (+) 5%/ (-) 4% being variation in wastage.	
D	All other materials.		Nil	
RECOVERY RATES				

S. No.	Description of Item		<i>Rates in figures &amp; words at which recovery shall be made from the Contractor</i>
		Excess wastage beyond	Less use Beyond permissible Limit
1	Cement		<i>Rs. 560/- per bag</i>
2	Steel reinforcement		<i>Rs. 96000/-/ Ton</i>
3	Structural Sections		



**TATA MEMORIAL CENTRE**  
**ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER**  
**(ACTREC).**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

Tender No:	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
Name of Work	<b>CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210</b>
<b><u>ACCEPTANCE FORM</u></b>	
NAME OF THE AGENCY	

To,  
The Director,  
Advanced Centre for Treatment, Research & Education in Cancer (ACTREC),  
Tata Memorial Centre,  
Kharghar, Navi Mumbai- 410208.

Tender Ref: -----

Name of Work: CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

I/We read the various conditions to tender including general conditions and hereby agree to abide by the said conditions. I/we also agree to keep this tender open for acceptance for a period of 150 (One hundred Fifty) days from the date fixed for opening the same and in default thereof. I/we will be liable for forfeiture of my/our "Security Deposit" to Tata Memorial Centre, ACTREC. I/We will execute the work as per the quoted rates and hereby bind myself/ourselves to execute the work in all respects during the period of contract from the date of issue of letter of acceptance of the tender. I/we also hereby agree to abide DAE general conditions of the contract as amended from time to time and to carry out the work according to the drawings, specifications and special conditions of the contract laid down by ACTREC.

A sum of \_\_\_\_\_ - is hereby forwarded as Earnest Money in the form of D.D/ Bank's P.O. through receipt No. \_\_\_\_\_ dated \_\_\_\_\_ for Rs. \_\_\_\_\_ The full value of Earnest Money shall stand forfeited without prejudice to any other rights to remedies if:-

A) I/we do not execute the contract documents immediately after getting information from ACTREC.

B) I/we do not commence the work within 15 days after issue of the letter including work order to that effect. Until a formal agreement is prepared and executed, acceptance of this tender shall constitute a binding contract between us subject to modifications, as may be mutually agreed between us indicated in the letter of acceptance of my/our offer for this work.

Date:

Seal and Signature.



**TATA MEMORIAL CENTRE  
ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN  
CANCER (ACTREC).**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

<b>Tender No:</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
<b>Tender Name:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

**SPECIAL CONDITIONS OF CONTRACT**

NAME OF THE AGENCY	
<b>1</b>	<b><u>ELIGIBILITY CRITERIA:</u></b>
a)	It must be noted that the tenderer should not have been blacklisted by any Government Agency/Institutions of local self Government / Public Sector in India under any contractual relation with them or facing process of penal action as such on complaints of quality. Director, ACTREC reserves the right for insisting upon submission of Satisfactory Performance Certificate issued by any such agency.
b)	There shall be a screening/verification committee appointed by Director ACTREC to examine the list of documents and to verify credibility of the tenderer based on the performance certificate issued/site visit and desirable as per terms & conditions attached to the Tender and to report in details on the eligibility of tenderers for further examination to the competent authority. The Tenderers are required to produce the original documents for verification if required for the screening/verification committee.
c)	Tenderer who carried out similar nature works shall mean as given in clause 13 and 14 of General instruction to tenderer.
d)	Awarding work order will be strictly as per "L1 criteria" . Order for the scope of operations and CMC will be issued at later stage (Refer Financial bid).
e)	Bidders preferably should have their office / technical support team in the vicinity of Navi Mumbai/Mumbai area.(MMRD)
f)	Competent Authority reserves right to accept or reject the offer in whole or in part and award the work in whole or in part, as per norms/policies accepted by the centre.

2	<b><u>Scope of Work:</u></b>
a)	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE INCLUDING OPERATION AND MAINTAINENCE OF PLANT AT ACTREC, KHARGHAR, NAVI MUMBAI - 410210
b)	Detailed Scope shall be as mentioned in the General Conditions of Contract and as per the technical specification document which are binding to the contractor.
c)	All related work Electrical, mechanical, Electrical and Civil including Piping are part of total work and contractor has to ensure completion of all the components so that the project is completed in all respect.
d)	Technical specification as mentioned in financial bid/BOQ shall be followed stringently.
e)	Transportation of related materials from the factory/ customs (if imported) to ACTREC, Kharghar installation site , unloading, keeping the same at site appropriately for execution and installation thereafter.
f)	Bidder to give 1 year comprehensive warrantee after completion and handover of project. and 5 years operations and CMC for the system after defect liability period.i.e.Agency to provide operation services and maintenance support during defect liability period free of cost including provision of spare parts.
g)	All the features/functionalities must be shown and tested before completion certificate is issued for settlement of final payment. Bill will be settled as per actual measurement.
h)	ACTREC is a running institution which includes hospital activities etc. hence, Bidder should appoint qualified and experienced project manager to schedule and implement the project with least disturbance to ongoing works/patients and their relatives.
i)	Bidder should submit all the necessary catalogues, Brochures , as laid drawings/schematic, test reports, certificates, undertakings etc. as required before settling of payment. All liasoning work to obtain NOC/CC/OC approval, license etc. from related authorities if required statutorily.
j)	Bidder should provide training to Engineering for operation & maintenance. Operational training to ACTREC staff is to be given in ACTREC itself.
k)	Material delivery may be done at sites accordingly. Once the order is issued, bidder to contact respective engineer-in-charge for administrative activities, challans, gate pass, submission of bills, any other site related activities etc.
l)	During the execution process damage on ACTREC property shall be repaired by the contractor without any additional cost.

m)	Bidder must be capable to handle this turnkey job that includes related civil works for tank, electrical and mechanical work with desired functionality and pipeline work of domestic water pipe lines.
n)	Schematic/SLD/block or conceptual Dia/layout/GA drawing to be prepared by the bidder. Approval must be sought on the drawings before actual commencement of work along with plan of execution.
o)	Pumps and motors and all electromechanical items plant inspection shall be done at factory/manufacturer site by the ACTREC Engineer.
2.1	<b>Inspection &amp; Test:</b>
2.11	The Purchaser shall have the right to inspect and/or test the equipment for conformity to the Contract Specifications
2.12	In case any inspected or tested equipments fail to conform to the specifications, the Purchaser may reject them and the supplier shall either replace the rejected equipments or make all alterations necessary to meet specification requirements free of cost to the Purchaser. The purchaser is open to charge any penalty in this regard.
2.13	the supplier shall provide installation and standard tests for the individual equipment before the delivery of the system at manufacturers site as per clause 19 of Section V of technical specifications.
2.14	The supplier shall test each individual equipment and the complete system after installation at site and prepare a test report. This shall be compared with the factory test report to ensure that there is no deterioration in the equipment parameters during storage, transportation and installation.
2.15	Leaflets, equipment manuals (hard copy, Compact Disk, DVD etc.) and literature should be attached for ready references along with complete documentation of all the measurements conducted during installation period which shall be submitted by the supplier for future reference.
2.16	The technical problems faced during installation, testing and commissioning period and their solutions shall be submitted by the supplier at the time of handing over the completed works.
2.17	For the purpose of taking over the equipment/system supplied pursuant to this contract, an acceptance test shall be carried out at the Purchaser/Consignees destination site. The equipment which meets the acceptance test shall only be accepted by the Purchaser.
2.18	(a) Acceptance Test at site shall be conducted of individual equipment and complete system to ensure that individual equipment and complete system meets the technical specifications and other operational and technical requirements of tender
2.19	(b) The Purchaser shall have the right to reject any individual equipment or complete system, if in its opinion the same does not meet technical specifications, operational or technical requirements. The decision of the purchaser in this regard shall be final
2.2	(c) The delivery, installation or commissioning shall not be deemed to have been completed unless all the equipments and systems are accepted by the purchaser

2.21	Before the equipment is taken over by the Purchaser/Consignee, the Supplier shall provide manuals of the equipment/systems. This shall include the following: i) System Interface Drawings, Wiring diagrams ii) System Interconnection and Block diagrams iii) User Operation Manuals iv) Equipment Maintenance Manuals
2.22	All Quality certificates, test Certificate, Declaration of Conformity with all relevant documents have to be submitted at the time of submission of the tender.
2.23	Third party validation for complete system from authorised preferable third party vendor will be mandatory and in the scope of vendor. All test shall be in the scope of bidder. Preferable TPIs are TUV Nord, Lloyds, BVIL. Cost and risk of such test shall considered by the contractor no extra payment will be made.
2.3	<b>Operation and Maintenance:</b>
2.31	The Bidder will undertake that supplies of necessary maintenance equipment and spare parts will be made available for all items/equipments and the complete system for at least ten years on a continuing basis. However, this does not relieve the supplier of any warranty obligations under the Contract
2.32	The Bidder shall include in his tender or separately, the details of essential spares, their quantity and unit prices as per schedule of requirements. Detailed explanation to confirm that quantity of spares quoted as per requirement of this clause shall be given.
2.33	In addition to the essential spares, Bidder shall indicate additional recommended quantities of spares for efficient maintenance of the equipment and the systems for a period of 10 years, after the completion of warranty period of 1 year from virtual completion date, to ensure that the quality and reliability objective is achieved. The contractor should also ensure that spare parts are available for electromechanical items (items listed in PART B of financial bid) for a period of 10years from completion of operation and maintenance of 5 years excluding warranty. The details on which unit price and the total cost or recommended spares is based shall be included in the tender. However, the cost of such recommended spares shall not be considered for tender evaluation.

2.34	<p>General Terms and conditions for Operation and Maintenance:</p> <ol style="list-style-type: none"> <li>1. Response time on complaint: Within 24 Hours.</li> <li>2. Replacement of spare parts: Max. 3 Days.</li> <li>3. Payment terms: Monthly basis after completion of period</li> <li>4. Reports to be submitted.</li> <li>5. Visits for trouble shooting, fault detection or visit under any such circumstances are not chargeable. Agency will have to make visit as per requirement without additional charges.</li> <li>6. No additional charges towards fault detection or on call visits, replacement of spare parts etc. Charges for spare parts will be settled separately. Service shall be available for 24 x 7. In case agency fails to provide major breakdown services penalty will be applicable at the rate of Rs. 10000/- per day basis. (24 Hrs. from the complaint logged.) Agency to provide official 24 Hr number to lodge a complaint.</li> <li>7. However Engineer-in-charge at his own discretion may allot the work to other agency and deduct expenditure as applicable from bill of contractor after a period of 3 days for replacement of spare parts and 1 day for any other services contingent to the terms and condition of contract. This is in addition to the penalty imposed as per this clause.</li> </ol>
2.35	The payment terms for Operation and maintenance are as per the General conditions of contract.
2.4	Manhole to Manhole gravity flow and leakage testing of pipes to be done for at least 24Hrs as per the instruction of Engineer incharge and any defects and leakages to be rectified at no extra cost.
2.5	After water proofing of tanks, test shall be conducted to identify any leakage and same to be addressed considering all the remedial measures including but not limited to application of micro concrete or polymer modified mortar as per the instruction of engineer incharge.



3	<b><u>PRICE BID</u></b>
a)	<p>The tenderer should quote the <b>price inclusive of all taxes and levies but exclusive of GST</b> of the each items on the Schedule of Quantity enclosed with the tender documents and signature &amp; stamp thereon each page, in separate sealed cover, super scribing name of work indicating 'PRICE BID'. ( Price bid submitted other than above form will be rejected). Partial/incomplete offers are liable for rejection as the entire work is considered as one work and L1 will be decided by adding rates/amounts quoted for entire items of Schedule of Quantity as a composite work. If the tenderer does not qualify himself in the technical bid, the price bid offered will not be entertained. In case of unsuccessful bidders in the technical bid, price bid will not be opened. Price Bid is only in the form of ON LINE version. GST will be automatically formulated in price bid.</p>
b)	<p>In the schedule of quantities, if rates are not quoted for items or if a firm quotes " NIL/N.A./Not applicable/----/ Leaving blank space etc." charges, the bid shall be treated as unresponsive and will not be considered.</p>
c)	<p>Validity of rates: 240 Days from the opening of the tender.</p>
d)	<p>Defect Liability Period: 1 Year comprehensive warranty after completion and handing over of project.</p>
e)	<p>Stipulated time for completion of work : 8 Months.</p>
4	<b><u>LIQUIDITED DAMAGE</u></b>
a)	<p>Successful tenderer will have to commence/execute the work as per the order placed by email/soft copy/LOI/Work order within the stipulated time period mentioned in the order. In failure to do so, the performance security submitted by the firm will be forfeited. In the event of the contractor fail to comply with conditions of this contract, he shall be liable to pay a <b>compensation for non commitment of work as per order or for the delay an amount equal to 1.0% per month delay to be computed on per day basis, provided that the entire amount of compensation to be paid shall not exceed 10% of the estimated cost of the work.</b> If the work is not completed within the stipulated time period as mentioned in the work order or inferior nature of work, the engineer in-charge has the right to terminate the whole work or part and get the work done from other agency at the risk and cost of tenderer and access money will be recovered from any dues. Liquidated damage can be recovered from EMD, Performance Security, Security Deposit or running bills of the Tenderer. Extension in delivery of work will not be given except in exceptional circumstances. The defaulting tenderer will be debarred from participant of any tender of ACTREC.</p>

<b>5</b>	<b><u>ARBITRATION</u></b>
a)	In the event of any dispute arising between ACTREC and the contractor in any matter covered by this contract or arising directly or indirectly there from or connected or concerned with the said contract in any manner of the implementation of any terms and conditions of the said contract, the matter shall be referred to the Director, ACTREC who may himself act as sole arbitrator or may name as sole arbitrator an officer of ACTREC/TMH notwithstanding the fact that such officer has been directly or indirectly associated with this contract and the provisions of the Indian Arbitration Conciliation Act, 1996 shall apply to such arbitration. The contractor expressly agrees that the arbitration proceedings shall be held at MUMBAI/NAVI MUMBAI.
<b>6</b>	<b><u>DIRECTOR-ACTREC/THE TENDER COMMITTEE / TENDERING AUTHORITY / UNDERSIGNED RESERVE THE RIGHT:</u></b>
a)	To reject any / or all the Tenders at any stage without assigning any reason there of and not accept the lowest Tenders.
b)	To procure any item of the tender directly from State / Central govt. Undertaking at government rate even if a tender of other parties for the same item has been offered / accepted / approved.
c)	To reject abnormally low price of an item quoted by the tenderer in the Tender with some malafide intention.
d)	Officer authorised on behalf of the Director-TMC does not bind himself/herself to accept the lowest or any other offer & reserve the right to cancel, reduce or split the contract on more than one source without assigning any reason for such action.
e)	DIRECTOR-TMC reserves right to accept the tender in full or part with out assigning any reason.
<b>7</b>	<b><u>RISK PURCHASE</u></b>
a)	In the event of failure to execute the contract to the satisfaction of the engineer in-charge he has the reserves the right:
b)	To reject any part of the contract executed and withhold payment for such portion of the contract till such time the defects are rectified to the satisfaction of the Engineer In-charge.
c)	To terminate the contract by giving 2 weeks notice in writing without assigning any reason and to get the contract executed by other agency at the risk and cost of the contractor.

<b>8</b>	<b><u>GENERAL LIEN</u></b>
a)	Whenever under this contract any sum of money is recoverable from and payable by the contractor, ACTREC shall be entitled to recover such sum by appropriating in part or in whole the security deposit of the contractor, if a security is taken from the contractor. In the event of the security being insufficient or if no security has been taken from the contractor, the balance or the sum recoverable, as may be shall be deducted from any sum due to the contractor or which at any time thereafter may become due to the contractor under this or any other contract with the ACTREC. Should this sum be not sufficient to cover the full amount recoverable, the contractor shall pay to the ACTREC on demand the remaining balance due.
<b>9</b>	<b><u>RECTIFICATION OF WORK/REPLACEMENT OF DEFECTIVE SUPPLY</u></b>
a)	In any supply item or any part of work is found defective or fails to meet the requirements of the contract before it is accepted, the ACTREC shall give the contractor a notice setting forth details of such defects or failures and the contractor shall forthwith arrange to set right the defective work or replace the defective supply by the good one to make it comply with the requirements of the contract. This in any case shall be completed within a period not exceeding one month from the date of the initial report pointing out the defects. The replacement or rectification shall be made at site by the contractor at free of cost. Should the contractor fail to do the needful within this stipulated time frame, ACTREC reserves the right to reject the work/equipment in full or in part and get it replaced at the cost of the contractor. The cost of any such replacement made by the ACTREC shall be deducted from the amount payable to the contractor against this work order.
<b>10</b>	<b><u>TERMINATION FOR DEFAULT</u></b>
a)	ACTREC, may without prejudice to any other remedy for breach of contract, by written notice of default, sent to the contractor, for termination of this contract in whole or in part;
b)	If the bidder fails to deliver any or all the work within the time period (s) specified in the contract, or any extension thereof granted by ACTREC.
c)	If the bidder fails to perform any other obligation(s) under the contract.
d)	If the bidder in either of the above circumstances, does not remedy his failure within a period of 15 days (or such longer period as ACTREC may authorize in writing) after receipt of the default notice from ACTREC on a notice period of 30 days.
e)	In the event of ACTREC terminate the contract in whole or in part pursuant to above para the ACTREC may execute the work upon such term and in such manner as it deems appropriate work similar to those undelivered and bidder shall be liable to ACTREC for any excess cost for such similar work. However, the bidder shall continue the performance of the contract to the extent not terminated.

<b>11</b>	<b><u>ADDITIONAL OR EXTRA WORK</u></b>
a)	ACTREC reserve the right to place extra items other than schedule quantity for completion of given work order. In such cases the Engineer In-charge calculate the expenditure for supply and execution of such work by taking quotation from local agency and adding applicable levies, labor charges, incidental expenditure, profit etc. as per the normal procedure to arrive suitable rate. He may also obtain the expenditure of the extra item either from CPWD manual or from the work order executed for government organization for similar work in the recent past. If the quantity of work is exceeding more than 10%, Engineer-in-Charge should be informed the same and execution should be done only after prior approval.
b)	ACTREC also has the reserve to modify the quantity of items in work order to add/reduce/cancel as per the site requirements. Such additional quantity will be settled at the same rate and terms & conditions of the order on completion of work after taking final joint measurement.
c)	Bidder to inform in advance before executing additional/substitute quantity. Prior approval for the same should be obtained from ACTREC before execution.
<b>12</b>	<b><u>PAYMENT TERMS</u></b>
a)	100% payment on execution or on pro rata basis of each particular item as listed in Part A of financial bid.
c)	60% against delivery and satisfactory certification by engineer-In charge. (the contractor has to forward their bill enclosing the challans duly endorsed at security gate with receiver signature) for each particular item as listed in Part B of financial bid.
d)	20% against installation, Testing & commissioning with certification by Engineer In- Charge and consultant for each particular item as listed in Part B of financial bid.
e)	20% against completion/handover of project and submission of NOC/License/Approval certificates and handover of the system. (After all the parameters & functionalities has been checked and shown & confirmed with Dept.) for each particular item as listed in Part B of financial bid.
i)	Payment will be done as per actual measurement.
j)	Payment term other than above mentioned will not be accepted.
<b>13</b>	<b><u>FAIR WAGES</u></b>
	The bidder shall pay the monthly wages to the labours employed by him as per the minimum wages enforced by Labor Enforcement Authority of India on time to time in front of an ACTREC official, together with ESIC, Provident Fund, and Bonus etc. as applicable. The contractor will forward his bills for the work executed by him by attaching copies of salary slip signed by the worker for the current/previous month for early settlement of his bills.

	<b><u>Other Special conditions (This conditions overrule other condition specified anywhere in contract as applicable)</u></b>
1	The work to be carried out as per the instruction of Engineer-incharge
2	Material delivery challans to be submitted along with running and final bills
3	Deployed workers must have company Identity cards and should follow all safety as per the labour laws.
4	Material to be used of approved make with ISI mark as mentioned in schedule of rate and as per the instruction of Engineer-incharge.
5	Space for storage of material during execution of work will be provided if available in the ACTREC Premises to the contractor. But risk of theft/damage is the contractor's risk and TMH/ACTREC is not responsible for any theft/damage/fire.
6	<b>During execution of works, contractor has to take adequate care of ongoing patients care services.</b>
7	<b>No mobilisation or secured advance will be paid to contractor.</b>
8	The Contractor should depute Supervisor/Engineer at site during execution of works on each and every day and night as per the instructions given by Engineer - in charge.
9	If the contractor fails to clear the debris from premises then fine of Rs 10,000/truck will be charged and recovered.
10	Agency to bring his manpower to execute the works irrespective of quantity of work allotted.
11	Engineer incharge may prioritise one type of work over the other and the contractor has to abide as per the requirements.
12	Escalation is not applicable since the time period is less than 18 months for execution. Quoted/Negotiated Prices will remain firm for entire contractual period.

I have read the Above instructions carefully and understood in right perspective and agreed.

Date:

Seal and Signature.



**TATA MEMORIAL CENTRE  
ADVANCED CENTRE FOR TREATMENT RESEARCH AND EDUCATION IN CANCER  
(ACTREC).**

A GRANT-IN-AID INSTITUTE UNDER DEPARTMENT OF ATOMIC ENERGY, GOVERNMENT OF INDIA

**Compliance form**

<b>Tender No.</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
<b>Name of work:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

Name of the Vendor		
Sr. No	Description	Compliance from agency
1	We have understood technical requirements and understood the same in right perspective.	
2	We have quoted for all the items in Financial Bid in the prescribed format of the tender documents.	
3	We have read the financial bid thoroughly before filling it and understood the same in right perspective	
4	We understood that partial/incomplete/vague offers are liable for rejection.	
5	We have understood the eligibility criteria as well as criteria for identifying lowest bidder.	
6	There are deviations from our(bidder) side.	
7	Deviations have been mentioned on separate page and attached with technical bid in detail. Deviation is supported with necessary documents, catalogues etc.	
8	We have noted that accepting or rejecting the deviation and consequently rights to qualify and disqualify the agency remains with competent authority of TMC- ACTREC.	
9	We have understood and accepted that accepting the tender & issuing order in full or in part will be decided by the TMC-ACTREC competent authority as per policy of the centre.	

Date

Signature



**TATA MEMORIAL CENTRE**  
**ADVANCED CENTRE FOR TREATMENT RESEARCH AND**  
**EDUCATION IN CANCER (ACTREC).**

<b>Tender No.</b>	TMC/ACTREC/ENGG/PG-70/ET-32/STP/2021
<b>Name of work:</b>	CONSTRUCTION AND EXECUTION OF SEWAGE TREATMENT PLANT AND MASTER SEWER LINE AT ACTREC, Kharghar, Navi Mumbai - 410210

**List Of Makes**

**List of makes are only applicable if brand name is not mentioned specifically in the list of items as given in financial bid and also The following manufacturers are acceptable provided their products meet or exceed the Specifications and the Contract drawing schedules, ACTREC Kharghar reserves the right to suggest the preferred makes among the approved vendors.**

**Make of the items which are not covered in this tender, shall got approved from Engineer incharge before use.**

Name of the Vendor		
S.No	Details of equipment/ material	Make/Manufacturer
1	Adhesive for Ceramic tiles	Cico / Pidilite / Laticrete/ Fosroc
2	Adhesive for Wood Work	Fevicol/Vamicol/Dunlop
3	Aluminium Accessories and Hardware	Crown /EBCO/Jindal/ Everite/Sigma
4	Aluminium Composite Panels	Aludecor / Alucobond /Alstone/ Shapoorji Pallonji
5	Aluminium Die-Cast handles & two point locking kit	Giesse / Securistyle
6	Aluminium Extrusion/ Sections	Hindalco / Jindal
7	Aluminium Fabricator	To be approved by the Engineer-in-Charge
8	Anchor Fastner/Dash Fastner	Hilti / Fischer /Bosch
9	Anti – Termite Treatment	It should be done by permanent members of IPCA as approved by Engineer-in-Charge/ As per CPWD/PWD specifications and ISI marked. Preapproval from EIC
10	Back up rod	Supreme Industry/Preapproval required for other brands
11	Batch Mix Concrete (BMC) / Ready Mix Concrete (RMC)	The RMC shall be procured from the source as approved by Engineer – in Charge. RMC Producing plants of the main Cement producers shall be preferred. L&T/ Lafarge/ ACC/ Birla/Ultratech
12	Brass - Stop & Bib Cock	Zoloto / Sant / Jaquar
13	C I Pipes & Fittings	Electrosteel/ Kapilansh/ NECO/ RIF
14	CI Valves (Full way, Check and Globe Valves	Leader / Kirloskar/ Kartar
15	CI Manhole Covers	NECO/R.I.F./B.I.C./HEPCO
16	CP Fittings: Mixer / Bib Cock/ Pillar taps/ Angle valve/ Valves Washers / Waste/ Urinal / Spreaders / Accessories etc	Jaguar/Marc/ PARKO / HINDUSTAN / SEIKO

17	Cement	ACC / Ultra tech / JK Cement / Ambuja / Lafarge /Birla/RAMCO
18	Cement: White	Birla White / JK
19	Clean Room Wall Panels with/ without return air risers, Doors/ windows etc	CLESTRA/ NICOMAC / HEMAIR / GMP / EPACK
20	Clear Glass / Clear Float Glass / Toughened Glass	Saint Gobain (SG) / Asahi India Safety Glass Ltd /Modiguard/ Triveni / Modifloat/ Hindustan Glass Company
21	Concrete Additive	Pidilite / Fosroc / Fairmate / MC Bauchemie/Sika/Cico
22	Cover /Spacer Block	Conbextra as manufactured by M/s Fosroc Chemicals India Ltd. / ASTRA
23	Curtain Rod/ Drapery Rod/ Venetian Blinds	Vista work / Mac Décor
24	Door closer / Floor spring	Hardwyn/Godrej/ Dorma/Doorking/Everite
25	Door Locks	Godrej / Harrison / Dorma/Link
26	Door Seal – Woolpile Weather Strip	Anand Reddiplex/ Enviroseal
27	Door Shutters- Flush	Duro / Greenply / Century / Merino
28	Doors & Windows Fixtures / Fitting	Everite / Classic/ Crown/ Hardima
29	Epoxy Flooring	Fosroc/ Dr. Beck/ Flamaflor/ STP
30	Extruded Polystyrene Board	Styrofoam by DOW Chemicals / Insuboard by Supreme Industries
31	False Ceiling - Calcium Silicate Boards& Tiles	India Gypsum/ Armstrong / Hilux / Saint Gobain (Gyproc)/Aerolite
32	False Ceiling - Metal	Armstrong / USG-Boral/ Saint Gobain/ Unimet
33	False Ceiling - Mineral fibre	Armstrong / Decosonic / USG-Boral/ AMF/ Saint Gobain (Gyproc)
34	Fire Rated Doors & Frames	Navair / Shakti-Hormann / Promat/ Gandhi/ Godrej
35	Fire Rated Glass	Asahi India Safety Glass Ltd./ Modi/ Saint Gobin
36	Fire: Door Closures, Mortice Dead locks	Becker Fire Solution/ Inersoll Rand/ Dorma/Godrej
37	Fire: D-Type Pull Handles	Becker Fire Solution/ Dorma/ Hardwyn/Godrej
38	Fire: Hinges,	Becker Fire Solution/ Inersoll Rand/ Dorma/Godrej
39	Fire: Seal	Sealz / Alstroflam/ Abacus
40	Fire: Sealant	Birla/ 3M/ Hilti
41	Fire: Tower Bolts	Suzu/ Nulite, Dorset/ Dorma/Godrej
42	Floor Hardener	Pidilite / SIKa/ Fairmate /FOSROC
43	Glass : Float & Mirror	Modiguard / Atul / Saint Gobain/ Modi Glass/ Triveni/ Hindustan Glass Company
44	Glass for Aluminum Doors/ Windows/ Structural Glazing	Modiguard / Saint Gobain/Glass Ltd./Modiglass
45	Glass Wool / Insulation Boards	Rockwool / UP Twiga / Lloyd Insulation



46	GRC Jali	Unistone/ Kuber Fibrostone/Everest Composites/ Birla white
47	Grout: Non-Shrink	Fosroc / Sikka or equivalent
48	Grouting Compound	Bal Endura/ Pidilite/ Laticrete/ Unitile
49	Gypsum Board / Gypsum False Ceiling/ Gypsum Partitions	USG-Boral Gypsum / India Gypsum / Lafarge / Saint Gobain (Gyproc)
50	Laminates/ Veneers	Century/Formica/Sunmica/ Durian/ Green Ply
51	Modular Grab bars and Disabled Hardware	Dorma / D-line
52	Night Latch	Godrej / Dorma/ Ozone/Harrison/Link
53	Paver blocks / Tiles (All Types)	KK / Uni Stone Products (India) Pvt. Ltd/ Hindustan Tiles/ NITCO/ Tile Italia/ Basanth
54	Plywood/Block board/Ply board	Duro/ Greenply/ Century/ Kitply / Anchor / Uniply/ Anchor
55	Polycarbonate Sheets	Danpanlon India/Gallina/ GE Plastic / LEXAN
56	Pre-coated Galvanised Steel Sheet	Tata BlueScope / Llyod Insulations India Ltd / S.R.Metals
57	Pre-Laminated Particle Board	Century /Green Ply/ Merino/ Greenlam / Jacsons / Duratuff
58	PVC continuous fillet for periphery packing of glazings / Structural/ Glazing	Roop / Anand / Forex Plastic/ Nagalia/Trading Company
59	PVC Doors	Sintex/ Polyex/ Rajshri
60	PVC Flooring	Tarkett Floors / LG Floors / Gerflor / Premier Vinyl flooring / Regent / Armstrong / Royal Cushion
61	RF Shielded Door	ETS Lindgern/ Synchrony Agency/ Huaming EMC India
62	Reinforcement Steel / Structural Steel	SAIL/ RINL/ TATA Steel Ltd./ Jindal Steel & Power Ltd./ JSW Steel Ltd./ESSAR
63	Restroom Cubicles	Merino/ Century/ Greenlam
64	Sealant: Poly-sulphide	Pidilite / Fosroc / CICO / Sikka / Choskey
65	SFRC / RCC Manhole Covers/ Perfect	KK Manholes / SK Precast Concrete /
66	Silicon sealants /Weather Sealant / Structural Glazing Sealant	GE- Silicon / Pidilite / Forsoc / Cico /Dow Corning / Sikka/ Wacker
67	Stainless Steel	Salem Steel/ Jindal
68	Stainless Steel bolts, Screws, Nuts& Washers	Kundan / Puja / Atul
69	Stainless Steel Clamps	Hilti /Intellotech Konzept
70	Stainless Steel CP Grating	Chilly / Camry/ Neer
71	Stainless Steel D-handles	D-line / Giesse /Dorma
72	Stainless Steel Friction Stay	Earl Bihari / Securistyle / EBCO
73	Stainless Steel Hinges	Hettich/ Godrej/ Dorma
74	Stone Adhesives	Fosroc / Sikka/Pidilite
75	Sunken Portion Treatment	Choksey / Sika / CICO/ MC Bouchemie
76	Super plasticizer	CICO/ Roffes Construction Chemicals/ Pidilite / Vam Organics

77	Tiles: Ceramic Tiles	Kajaria / Somany/RAK/ EVRO
78	Tiles: Glass Mosaic Tiles	Kajaria / Somany/RAK / Italia
79	Tiles: Glazed (Ceramic) tiles	Kajaria / Somany/RAK / Johnson / Spartek
80	Tiles: Heat Resistant Terrace Tiles	Thermatek
81	Tiles: Vitrified Tiles (Double / Multi Charged)/ Germ free	Kajaria / Somany/RAK / Johnson / Euro
82	Vacuum Dewatered Flooring	Tremix / Sun Build / Avcon technics
83	Veneered Particle Board	Duro / Greenply / Century
84	Vinyl Flooring	Wonder floor/Responsive make
85	Water Proofing Materials (Bitumenistic)	BASF/ Fosroc / Sikka / CICO / Pidilite
86	Centrifugally casted CI pipes	Electrosteel/ Kapilansh/ NECO/ RIF/ SKF
87	Chlorine Dosing System	Toshcon / Chloromax
88	Cockroach Trap	Chilly/ Player/ Camry
89	Ductile Iron Fittings (IS:9523)	Electrosteel/Kesoram/Tisco/Jindal
90	Ductile Iron Pipes (IS:8329)	Electrosteel/Kesoram/Tisco/Jindal
91	EPDM Gaskets	Anand Reddiplex / Enviro Seals / HANU
92	Forged Steel Fittings & Flanges (For Welded joints)	Rohini /Kanwal/ Vijay Cycle & Steel (VS)
93	HDPE Pipes / Moulded Fittings	Emco /Polyefins/Pioneer Plyfab/ Jain
94	HDPE Solution tank	Watcon / Ion Exchange / Water Supply Specialist Pvt. Ltd.
95	Liquid Soap Dispenser	Euronics/Utec/Kopal/ Kimberly Clarke
96	MS Saddle with Gi Riser	Harvel/Alprene
97	PVC flushing cistern	Commander / Parryware / Hindware/ Cera/Euronics
98	Pipe coat material (pipe protection)	RPG Raychem/Pypkote/Makphalt/Lwl
99	Pipe Fittings: GI	R/Unik/Zoloto/K.S./Sun/Swastik
100	Pipe:- GI	Jindal / Tata / Prakash Surya/SAIL/ Swastik
101	Pipes & fitting: PVC for SWR Soil, Waste & Vent Pipes and fittings, Type B PVC Casing & Screen Pipes	Prince / Supreme / Finolex
102	Pipes & Fittings: CPVC	Flowguard/ Astral/ Ashrivad/ Supreme / Kisan
103	Pipes & fittings: UPVC	Finolex / Prince / Supreme/ Astral / ORIPLAST
104	Pipes & Gully Trap: Stone ware	Perfect / S.K.F/ R.K/ Hind / Anand/ Burn
105	Pipes and Accessories: PE-AL-PE	Kitec/ Jindal/ Kisan/Vista
106	Pipes: MS	Jindal / Prakash – Surya /TATA
107	Pipes: RCC	Indian Hume Pipe / Pragati Concrete Udyog Daya/ KK / JSP
108	Plastic seat cover of WC	Commander/Hindware / Parryware/ Kingston
109	Pop up Connecting Assembly	Rain Bird/Dura/Lasco
110	Popup Spray Head	Rain Bird/Toro, USA/Nelson,
111	Powder Coating Material pure Polyester	Jotun / Berger / Goodlass Nerolac
112	PVC Water Stops	Prince /Supreme/ Finolex
113	Sensor Operated Auto Flushing System Urinals	Jaguar / AOS-Robo/U-tec/Angash/Euronics
114	SS Gratings/ Soap Dish/Towel Rail etc	Camry/Gem/ Jaguar

115	Stainless Steel Sink	Hindware / Neelkanth / Nirali /Prestige/A.M.C./Kingston
116	Bar Screen	Unitop/Preapproved make
117	Sewage Transfer Pumps	CNP/Wilo/Kirloskar/grundfos
118	Anoxic Tank Recirculation Pump	CNP/Wilo/Kirloskar/grundfos
119	Motors	ABB / Siemens / Crompton / Bharat Bijlee
120	Aeration blower	TMVT/Everest/Airvak
121	Air Diffusers	Rehau/OTT/Scogen
122	MBBR Media	Marvellous/Cooldeck/W2P
123	Tube Media	Marvellous/Cooldeck/W2P
124	Sludge Recirculation Pumps	Kirloskar/CNP/Grundfos
125	Screw Pump	Netzsch, Grundfos, Kirloskar
126	Pressure Sand Filter	Unitop
127	Activated Carbon Filter	Unitop
128	Dosing System	E dose/ Milton Roy
129	Flow Meter	Aster
130	Ozone System	A M Ozonics/ Faraday
131	Pipe MS Class – B	Zenith / Jindal / Tata
132	UPVC Pipe	Astral/Ashirwad/Finolex
133	NRV	CRI/Zoloto
134	Ball valve	RB / Itap / Zoloto/Astral
135	Switch fuse unit	Schneider / L & T / Siemens / ABB
136	MCCB	Schneider / L & T / Siemens / ABB
137	MCB	Schneider / L & T / Siemens / ABB / MDS
138	MPCB	Schneider / L & T / Siemens / ABB
139	Contactors	Schneider / L & T / Siemens / ABB
140	Over-load relay	Schneider / L & T / Siemens / ABB
141	Motor Starter	Schneider / L & T / Siemens / ABB
142	Electrical Meters	AEP / MECO / Rishabh/ Enercon / L & T
143	Cables	CCI / Polycab / Finolex
144	Cable Gland	Comet / Braco / Dowell / 3D
145	Cable lugs	Comet / Braco / Dowell / 3D
146	Indicating lamps	Technik / L&T / IEC/ Seimens
147	Terminal blocks	Elmex / Wago/ Connectwell
148	Lighting Fixtures with electronic ballast	Wipro / Philips / Bajaj/ Cisca/ Crompton
149	Lighting distribution boards	Seimens / GE/ L&T
150	Annunciation	Minielec / Peacon /ICA
151	Power Capacitor	CG/L & T/ ABB/ Unister
152	Current / Potential Transformer	Kappa / Silkans / ABB / AE / Ashmore
153	Selector Switch	Kaycee / Hickson / L & T
154	Push Buttons	Tecknic /L&T/ Seimens
155	Fuses	E.E / L & T /Seimens
156	Level Switch	NHT / SJE Rhombus/ Minilec
157	Pressure gauge	HGuru / Feibig/Baumer
158	Electronic water meter with remote indication in electrical panel	Kaypee / Vatturkar / Fluidyne / Tansa / Rosemount / Krone
159	Tools	Taparia / Dowells