



**MANOHAR PARRIKAR INSTITUTE FOR  
DEFENCE STUDIES AND ANALYSES**  
मनोहर पर्रिकर रक्षा अध्ययन एवं विश्लेषण संस्थान

**TENDER DOCUMENT FOR “FOR “DAY TO DAY OPERATION AND MAINTENANCE OF ELECTRICAL & MECHANICAL INSTALLATION, WATER SUPPLY AND MISCELLANEOUS BUILDING MAINTENANCE WORK ”. (IN TWO BID SYSTEM).**

**INDEX**

<b>S.No.</b>	<b>Description</b>	<b>Page No</b>
1.	Tender Notice	2-3
2.	Process of E-Tender	4
3	Memorandum of work in brief	5
4.	Instructions to bidders	6
5.	General Condition of Tender	7-16
6.	Scope of work and Inventories	17
7.	Job responsibility and charter of duties	18
8.	Eligibility Criteria and Technical bid	19
9.	Pre qualification performas	20-26
10.	Form of tender	27-28
11.	List of minimum tools to be kept at site	29
12	Price Bid	30
13	Items for Rate Contract	31-39



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No 1, Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi – 110 010.

Ph. No., 26717983-7305

Email: estatecell.idsa@yahoo.co.in

F.No. IDSA/EM/Outsourcing/Day to Day maint/2021. Date: 28.09.2021

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**E-TENDER NOTICE FOR “Day to Day operation and maintenance of Electrical & Mechanical Installation, Water Supply and Miscellaneous building maintenance work ”.**

**(IN TWO BID SYSTEM)**

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Online bids are invited under two bid system from experienced contractors / agencies for **Day to day operation and maintenance of E&M Installation, Water Supply and Miscellaneous building maintenance work** at IDSA premises located at No. 1 Development Enclave, Rao Tula Ram Marg, Delhi Cantt, New Delhi -110 010 as per details given in formats. **The bids should remain valid up to 90 days from the last date of submission of bids.**

Detailed Tender Documents are available on line from the date of tender publication at <https://www.mstcecommerce.com>, [www.idsa.in](http://www.idsa.in) and <https://www.eprocure.gov.in>. The interested bidders are advised to register themselves with e-procurement Portal at - <https://www.mstcecommerce.com> to participate in the e-Tender. The bidders should download and then upload duly signed tender form and their bids along with scanned copies of all the relevant certificates, documents etc. in support of their technical bids and financial bids on the <https://www.mstcecommerce.com>, latest by 05<sup>th</sup> October 2021 by 1500 hrs. Hard copies of the relevant documents also to be submitted along with (1) Demand Draft for Rs. 75000/- (**Rupees Seventy Five thousand only**) in favour of “**IDSA**” payable at New Delhi as Earnest Money Deposit and (2) all documents signed and stamped, which shall be submitted in sealed cover addressed to the **Assistant Director (admin) , Manohar Parrikar Institute for Defence Studies and Analyses**, may be sent at the Institute’s address mentioned above either by Speed Post / By hand delivery at Tender Box kept at the reception office, should reach on or before **1500 hrs, 21<sup>st</sup> October 2021** duly mentioning on top right hand corner of the sealed envelope “**EMD/ and other supporting documents for**

**“Day to day operation and maintenance of E&M Installation, Water Supply and Miscellaneous building maintenance work ”.**

All the tenders are to be submitted on the prescribed forms, as enclosed, duly signed, stamped and dated on each page of tender and Annexures as their unconditional and explicit concurrence to the terms and conditions laid down by the Institute.

**The online financial bids shall only be opened for technically qualified firms** in presence of the bidders or their authorized representative, not more than one person, may be present at the time of opening of the bids, if they desire so.

IDSA reserves the right to accept or reject any or all quotations including the lowest bidder without assigning any reason at its sole discretion and the decision of the IDSA will be final and binding to all concerned.

**Critical Dates of Tender:**

(i) Publish Date & Time	<b>28/09/2021, 10:00 hrs</b>
(ii) Document Download Start Date & Time	<b>28/09/2021, 10:30 hrs</b>
(iii) Bid Submission Start Date & Time	<b>28/09/2021, 11:00 hrs</b>
(iv) Bid Submission End Date & Time	<b>21/10/2021, 15:00 hrs</b>
(v) Offline submission ,EMD, and other supporting documents	<b>21/10/2021, 15:00 hrs</b>
(vi) Bid Opening Date & Time	<b>22/10/2021, 14:30 hrs</b>
(vii) Cost of Tender	Free of cost

**Note : Contractor may inspect the Campus & assess its requirement before bidding the tender. Bidders are also advised to go through e-tendering process which is attached as Annexure I.**

**Corrigendum / addendum / modification to this tender, if any, will be notified through <https://www.mstcecommerce.com>, [www.idsa.in](http://www.idsa.in) and <https://eprocure.gov.in> only.**

Col Rajeev Agarwal (Retd)  
Assistant Director (Admin)

**Annexure I****Process of E-tender:**

**Registration:** The process involves bidder's registration with MSTC e-procurement portal free of cost. Only after registration, the bidder(s) can submit his/their bids electronically. Electronic Bidding for submission of Technical Bid as well as commercial Bid will be done over the internet. The Bidder should possess Class II or Class III signing type digital certificate. Bidders shall make their own arrangement for bidding from a P.C. connected with Internet. MSTC or IDSA is not responsible for making such arrangement. (Bids will not be recorded without Digital Signature). At <https://www.mstcecommerce.com>

- 1). Bidders are required to register themselves online with <https://www.mstcecommerce.com>
- 2). Bidders will receive a system generated mail confirming their registration in their email which has been provided during filling the registration form. In case of any clarification, please contact MSTC, (before the scheduled time of the e-tender).

***MSTC Help Desk: 033-22901004, 011-23212357, 011-23215163, 011-23217850.***

The technical Bid and the Price Bid shall have to be submitted online at <https://www.mstcecommerce.com> tenders will be opened electronically on specified date and time as given in the Tender. All entries in the tender should be entered in online Technical & Financial bid Formats without any ambiguity. Information about tenders /corrigendum uploaded shall be sent by email only during the process till finalization of tender by IDSA. Hence, the bidders are required to ensure that their official email I.D. provided is valid and updated at the time of registration of bidder with MSTC (i.e. Agency). Bidders are also requested to ensure validity of their DSC (Digital Signature Certificate).

**E-tender cannot be accessed after the due date and time mentioned in NIT.**

**Bidding in e-tender:-**

- a) The process involves Electronic Bidding for submission of Technical and Commercial Bid.
- b) The bidder(s) can submit their Technical Bid and Financial Bid through internet in MSTC website <https://www.mstcecommerce.com>
- c) **System Requirement:**
  - i) Windows 7 Operating System and above
  - ii) Internet Explorer (IE-7) and above Internet browser.
  - iii) Signing type digital signature
  - iv) Java Runtime Environment 8 update 191(windows X86 offline) and above software to be downloaded and installed in the system.  
To enable ALL active X controls and disables "use pop up blocker" under Tools Internet Options→ custom level

## Appendix A

**Tender Document for Day to day operation and maintenance of E&M  
Installation, Water Supply and Miscellaneous building maintenance work**

**(Two Bid System)**

**MEMORANDUM OF WORK IN BRIEF**

<b>1</b>	Name of work	Day to day operation and maintenance of Electrical & Mechanical Installation, Water Supply and Miscellaneous building maintenance work
<b>2.</b>	Earnest Money	Rs 75000/-
<b>3.</b>	Validity period	90 days
<b>4.</b>	Security Deposit	3 % of Annual contract value
<b>5.</b>	Period of Contract	Two years
<b>6.</b>	Last date of Submission of Tender	21 <sup>st</sup> October 2021 1500 Hrs.
<b>7</b>	Cost of Tender document	Free of cost
<b>8.</b>	Mode of Sending	<p>a. EMD and relevant documents of <b>Technical bid &amp; Annexure B</b> of financial bid in sealed cover by Speed post/Hand Delivery in the tender box kept at reception.</p> <p>b. Tender sent by ordinary post will be rejected out rightly .</p>
<b>9.</b>	Description essential to be made on sealed cover	1. Name of work ,Tender No and name of Bidder.

Col Rajeev Agarwal (Retd)  
Assistant Director (Admin)

**Manohar Parrikar Institute for Defence Studies and Analyses**  
**No 1, Development Enclave, Rao Tula Ram Marg, New Delhi-110010**  
**Tender Document for Day to day operation and Maintenance of E&M**  
**Installation, Water Supply & Misc. Building maintenance work at IDSA**

**LAST DATE OF SUBMISSION: 21<sup>st</sup> October 2021 UP TO 1500 HRS**

**Subject: Day to day operation and maintenance of E&M Installation, Water Supply and Miscellaneous building maintenance work.**

Dear Sir(s),

Online Bids are invited for Day to day operation and maintenance of E&M Installation, Water Supply and Miscellaneous building maintenance work as per scope/specifications of works given in Appendix-'A' and its Annexures and Performa (enclosed). Conditions of the order shall be as follows:

- a. Tender Document can also be downloaded from our website or online portal of MSTC ,free of cost.
- b. Tenderers are advised to go through this tender document carefully as well as visit the Institute's premises at Development Enclave, Rao Tula Ram Marg, New Delhi and acquaint themselves both the site conditions and condition of ,building, fittings, fixture before submission of tender.
- c. Hard copies of the duly filled and sealed tender document including complete set of supporting documents in two separate envelopes as indicated below, shall be submitted to the Assistant Director (Admin) at the address indicated above before the last date
- d. Price bid shall accepted through Online mode only . Open/manual price bid shall be rejected immediately.

**Envelope**

Complete set of Tender document as issued, duly filled and signed by the tenderer on all pages (Including Annexures) alongwith all supporting documents, etc and earnest money deposit of Rs 50000/- in form of demand draft in favour of IDSA, Payable at New Delhi shall be submitted by speed post or in the tender box placed at Reception. EMD will not bear any interest. Cheques in lieu of DD will not be accepted.



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## General Conditions of Tender

### 1. Scope of work

Day to day operation and maintenance of E&M Installation, Water Supply and Miscellaneous building maintenance work ,all as per its Annexures.

### 2. Deployment of Staff

2.1 The contractor shall always/whenever required employ a minimum strength of experienced staff as follows :-

Supervisor /Sr Technician -Skilled	-01 No.
Pump Operator-Semi skilled	-03 Nos. ( for 24x7 Hrs, three shifts )
Electrician –Semi skilled	-03 Nos. ( for 24x7 Hrs , three shifts )
Carpenter –Semiskilled	-01 No.
Plumber –Semiskilled	-01 No.
Lift operator (semi skilled )	-01 Nos.
Helper –unskilled	-02 Nos.
<b>Total:</b>	<b>12 Nos.</b>

Contract is Service based .Contractor has to deploy this man power on daily basis (including Saturdays / Sundays and holidays or whenever required ). Failing which Rs. 500/- will be deducted from Contractor's bill for every default. However one day weekly off by rotation shall be granted to each worker in each category.

No additional payment shall be made on any account if contractor keeps more staff at site for completing the pending work or if the minimum strength is not able to perform satisfactorily as per contractual provision.

Any indecent behavior /suspicious activities of the staff employed shall be viewed seriously and a suitable action shall be taken . The contractor is also required to submit list of workers with Photo ID, educational qualifications, address proof etc

before deputing the worker.

Contractor is required to get the police verification within a period of one month . The person to be deploy must be Covid-19 vaccinated . All employees of the contractor must be free from infectious diseases and medically fit .

Contractor shall be solely responsible for the credential / acts of his staff / workers.

Contractor is required to make timely payment (before 10<sup>th</sup> of every month) to his staff without waiting for the payment received from MP-IDSA including various statutory authorities. The Institute reserves the right to check the same. Before raising every bill, the contractor has to give a certificate that he has paid all Govt. liabilities and Labour payment as per minimum wages Act for the previous month..

MP-IDSA reserve the right to reject the deployment of any person(s) by the contractor and contractor shall cease to deploy any such person/persons forthwith, upon receipt instruction in writing from the Estate Cell. No claim shall be entertained on account of any such rejection.

3. **Minimum Qualification of deployed staff.** The minimum qualification of deployed staff will be as under :

(a) **Sr Technician** : Diploma in Electrical / Mechanical / Refrigeration Engineering with minimum 03 years experience or Diploma from ITI with 05 years of experience under the same scope of work as defined above.

(b) **Electrician / Plant Operator** : At least 03 year experience in relevant trade , must have well versed with trade . Should have passed trade test to be conducted by estate cell. The experience certificate should be well documented/certified .

(c.) **Plumber** : At least 03 year experience in relevant trade , must have well versed with trade . Should have passed trade test to be conducted by estate cell. The experience certificate should be well documented/certified .

(d) **Carpenter**: At least 03 year experience in relevant trade , must have well versed with trade . Should have passed trade test to be conducted by estate cell. The experience certificate should be well documented/certified .

(e.) **Lift Operator** : : At least 03 year experience in relevant trade , must have well versed with trade . Should have passed trade test to be conducted by estate



cell. The experience certificate should be well documented/certified .

(f) Helpers : Minimum 8<sup>th</sup> Pass.

Before deployment, contractor has to submit CVs of his employees to be deputed, Only those persons who will be cleared by the Estate Cell would appointed for the site . Selection of applicants will be done through interviews / on site work practical test conducted by Estate Cell. Decision of Estate Manager in this matter will be final and binding.

2.3: No additional payment shall be made on any account if contractor keep more staff at site for completing the pending work or if the minimum strength is not able to perform satisfactorily as per contractual provision .

All employees of the contractor shall wear neat and clean Uniform with name badge and firm name on pocket . Contractor shall also provide safety shoes to his workers .

MP- IDSA reserve the right to reject the deployment of any person(s) by the contractor and contractor shall cease to deploy any such person/persons forthwith, upon receipt instruction in writing from the Institute. No claim shall be entertained on account of any such rejection.

#### 4. (a) **Compliance with all statutory requirements & Safety Management**

The contractor shall adopt all necessary safety requirements and shall adhere to requirements of all applicable laws , statutory rules and Regulations and Executive orders issued by various Government /Statutory /regulatory authorities from time to time, including and not limited to labour laws including mandatory requirements with regard to minimum wages , EPF, ESI, bonus etc as per the latest notification of NCT Delhi , shall all the requisite permissions and licenses from the authorities concerned within a period of 30 days from acceptance of the bid, failing which the Director General , MP- IDSA would be entitled to reject the accepted bid.

The Contractor will Initiate and maintain safety management programme to protect contractor's employees from hazardous situations through procedures, practices and regular inspection of the work area, material equipment, information and training necessary for safe working performance.

MP-IDSA shall not be responsible for any hazard / accident during operation and maintenance during the contract period. It is the purely responsibility of Contractor to Compliance with statutory requirements including minimum wages , PF, ESI and bonus including all applicable labour laws .

(b) Quoting less , below minimum wages & other statutory compliances will be rejected at first instance. No Communication will be entertained in this regard. Latest notification w.r. t Statutory requirements will be applicable at the time of submission of bid .

### 5. Consumables :

(a) The following consumables shall be supplied by the contractor as a part of the contract and tools ,no extra payment shall be made by the Institute for these Items.

1. Lubricating Oil
2. Grease
3. M Seal
4. Taflon tape/Dhaga /Safeda
5. PVC Insulation Tape
6. Screws/nut/Bolts/Washers
7. Welding Rod.
8. Old Dhoti/cotton waste
9. Emery Paper.
10. Thimble
11. Battery thimble

(b) List of spares : In addition to items listed above , list of spares under rate contract list to be supplied by the firm throughout the contract period . Payment for spares under rate contract shall be made after actual consumption and verified by Estate Cell .

(c) The Other Consumables ( apart from Annexure A&B ) /spare parts /accessories /fittings/fixtures apart from the aforesaid list shall be purchased by the contractor from open market after getting prior approval from MP-IDSA and the cost of same shall be reimbursed at actual rate on production of the original bills by the contractor plus 10 % as service charges and the relevant payment shall be made alongwith Monthly payment. The item replaced should have a minimum warranty of 6 months and should be of reputed brand

(c). The Estate Cell reserves the right to reject any consumables which do not conform to the correct specification /quality.

(d) A register shall be maintained to record the consumption of the items mentioned in clause5 (b) if any with the approval of the Estate Cell.

(e) Tools : The contractor shall always keep all the required tools/equipment to maintain the operation of all services including welding set/box spanner etc and the list of the said tools / equipment is attached at Annexure III. No extra payment will be paid for the said tools / equipment.

6 . **Routine maintenance/ Preventive Maintenance**: The contractor shall do the preventive maintenance as per the respective schedule of the OEM`s manual. No extra labour payment will be made for works such as LT cable joint etc .

7.. **Major repairs/Overhauling** : Any major repairs /overhauling that may be required shall brought to the notice of the Estate Cell in writing immediately upon the said requirement of repair/overhaul coming to light. The Estate Cell shall then authorize the contractor to carry out such repairs /Overhaul. The payment for the same shall be made to the contractor alongwith the Monthly payment.

8.**Emergency Telephone Nos**: The Contractor shall provide an Emergency Telephone Number for normal and odd hours of operation with a maximum of two hours response time during any breakdown to essential utility services.

9.**Log Book** : Log book shall be maintained by the contractor in conformity with the Estate Manager`s proforma for the consumption of consumables , which shall be signed by the Estate manager / AEM.(daily, weekly, monthly) after physical verification of the consumption/consumables.

The contractor has to bear the cost of all stationary, telephone etc required for proper execution and maintenance of records for the work. If found using MP-IDSA's material, Institute may recover an appropriate amount from the contractor's bill.

**10. Earnest Money Deposit**: Bidders are required to submit Earnest Money Deposit (EMD) along with their bids. While submitting the bid, the vendor shall deposit Earnest Money of **Rs. 75,000/-** by demand draft / PO favoring **"IDSA" payable at New Delhi**. No other mode of remittance shall be accepted. EMD is to remain valid for a period of 90 days beyond the final bid is accepted. EMD of the

unsuccessful bidders will be returned to them at the earliest after expiry of the final bid validity or latest on or before the 30th day after the award of the contract. The EMD of the successful bidder would be returned, without any interest whatsoever, after the receipt of Performance Security from the awardee as called for in the contract. EMD is not required to be submitted by those Bidders who are registered MSME, etc. The EMD will be forfeited if the bidder withdraws or amends, impairs or derogates from the tender in any respect within the validity period of their tender. The bidders found without EMD are liable for outright rejection.

#### **11. SECURITY DEPOSIT :**

11.1 On receipt of the Letter of intent (LOI), the successful bidder shall furnish 3% of the annual contract value as security deposit in accordance with the conditions of contract and as acceptable to the Institute.

11.2 Failure of the successful bidder to comply with requirement of above clause shall constitute sufficient grounds for forfeiture of the EMD, in which event the IDSA may make the award to the next lowest evaluated bidder.

11.3 No Interest will be payable on Security Deposit.

12. **Duration Of contract:** The contract shall be valid for **Two years** which will be subject to further extension at the discretion of the competent authority before expiry of the contract as mutually agreed terms and conditions, subject to satisfactory performance and wages as per minimum wages of Govt.of NCT Delhi latest notification for the that period or as may be agreed to. **The contract can be cancelled unilaterally by the Institute in case service is not rendered satisfactorily.**

**12.1** Contract shall be reviewed on completion of 01<sup>st</sup> year , If the services found below satisfactory , it may be terminated giving three month notice .

#### **13. Termination of the contract :**

(a) The contract can be terminated by MP-IDSA by serving Three month notice in writing without assigning any reason to the contractor. If the contractor wants to terminate the contract, he has to give three months' notice in writing to IDSA with reasons .

(b) Termination or expiry of the contract shall be without prejudice to any rights and remedies of the Institute and the contractor accrued before such

termination or expiration and nothing in the contract shall prejudice the right of either party to recover any amount outstanding at such termination or expiry.

(c) At the end of contract period or upon termination thereof, the contractor shall forth with return to the institute upon request, all the institute's property (including but not limited to the material, documents, information, access keys).

(d) Additionally, the contractor shall give a written undertaking that he has not retained any movable property belonged to the Institute and in particular shall undertake that he has not made any duplicate of access keys which are still in his possession or his employee and that he shall indemnify the Institute in the event of any losses attributable to such acts / omission on the part of contractor and /or his employees, agents etc.

(e) If the contractor fails to perform any of the obligations under this contract and if Institute is dissatisfied with the services, the contractor have to vacate the premises within a period of three month of written notice. MP-IDSA should not be held liable for any cost, damage, expenses or any loss whatsoever that the contractor may suffer on being served with the winding up notice. The contractor is required to give 3 months' notice in case he does not want to continue with the contract.

(f) During MP- IDSA's Audit, if any overpayment /under payment is detected by either parties , both parties shall reconcile the accounts and shall be liable for payment .

**14. Rates :** Rates quoted for the work shall be inclusive of the following:

(i) Expenses towards boarding, lodging of mechanics / technicians, electricians, skilled, semiskilled and unskilled labour, any other labour, tools and plants as required for proper operation and maintenance of work, dress, shoes, apron complete in all respect. However night stay may be permitted to the critical technical staff in basement without burdening to Institutes resources .

(ii) Consumables as per para 5.

- (iii) Stationary/necessary registers /logbooks and telephone expense .
- (iv) Anticipated price escalations including increase in minimum wages during the first year.
- (v) Contractor's overheads and Profit.
- (vi) Breakdown calls of RO water plant ( Labour only)
- (vi) Cost of spares ( as per annexure-A) will be constant . Effect of inflation for 02<sup>nd</sup> year may be accommodated by the bidders accordingly . Nothing extra shall be admissible on any such account .The firm should also keep in mind following factors before Quoting :-
  - (a) Each workman is entitled to get minimum wages/PF/ESI /and bonus as per latest notification of NCT Delhi and prevailing rules
  - (b) Deduction by MP-IDSA : TDS and GST shall be deducted as per applicable rates .

**15. SUBMISSION OF TENDER:** The technical Bid and the Price Bid shall have to be submitted online at <https://www.mstcecommerce.com/eprochome/mstc> tenders will be opened electronically on specified date and time as given in the NIT. All entries in the tender should be entered in online Technical & price bid Formats without any ambiguity.

**16. OPENING OF TENDERS:** Price bid will be opened online after scrutinizing the technical bids by the committee constituted by the Institute . All qualified Tenderers will be informed in advance the date of opening of financial bids in presence of their representative(s) if they wish to be present .

17. MP- IDSA reserves the right to change, alter or to waive and technical or commercial terms, conditions and qualifications. IDSA also reserves the right to reject all or any tender. IDSA reserve right for changes/relaxation in eligibility criteria at any time.

**18. SIGNING OF CONTRACT :** On receipt of acceptance of LOI , the successful bidder has to deposit the security amount within 7 days and execute the necessary contract agreement with IDSA within 3 days thereafter..

**19. Mode of payment :** Payment shall be made on **Monthly Basis** on production of bills in duplicate duly verified by Estate Manager. It is duty of contractor to pay salaries to his workers on monthly basis. If any non-payment / under payment complaint is received., Contract may be terminated with immediate effect after verification of Complaint.

**20. Electricity and Water:**Electricity and water required for carrying out the work shall be supplied by the Institute free of charge.

**21. Liability to Damage** The contractor at his own cost shall make good all the damages, losses, burns outs etc. which may be attributable to nay fault/negligence faulty operation. Inadequate preventive maintenance and / or mishandling of plants and equipment. The decision of Director General, MP- IDSA in this regard shall be

final and binding.

22. **Handing/Taking Over**The Contractor shall on receipt of work order take over the plants in serviceable and running condition. Similarly on expiry of period of the contract, he shall hand over all the plants in serviceable / running condition to the Institute. All the repairs/ Maintenance required for the purpose shall be carried out by the contractor at his own cost.

23.**Equipment/Installations** Regular/Preventive/ Periodical upkeep, Maintenance & Servicing of all equipments/ installations etc shall be carried out as per manufacture's instructions and as per directions of the Project Engineer/Engineer-in-Charge/Estate Manager.

24. **INDEMNITY**

**a.**The Contractor shall indemnify, and keep indemnified, the Institute fully against all claims, proceedings, actions, damages, legal costs, expenses and any other liabilities whatsoever arising out of, in respect of or in connection with the Contract including in respect of nay death or personal injury, loss of or damage to property, financial loss arising from fault/ negligence, faulty operation, inadequate maintenance, mishandling of plant and equipment and /or any advice given or omitted to be given by the Contractor/his employees/ agents and /or representatives, or any other loss which is caused directly or indirectly by nay act or omission of the Contractor/ his employees / agents and /or representatives.

b.The decision of the Director General, MP- IDSA in this regard shall be final and binding.

25 .**Dispute Resolution:** Disputes, if any with regard to the interpretation, execution and /or implementation of these terms and conditions shall vest exclusively in the Director General, MP-IDSA whose decision shall be final and binding upon the parties. Disputes, if any with regard to the decision of the Director General, MP- IDSA in the regard, shall be referred to Arbitration at the hands of a sole Arbitrator to be appointed by MP- IDSA shall all proceedings in this regard shall be subject to the sole and exclusive jurisdiction Courts of competent jurisdiction at New Delhi. Upon acceptance of the bid, no sub-letting/transfer would be allowed by the Contractor except with the prior written permission of the Director General, IDSA.

26. **Mode of Selection** : Tender will be awarded on least cost basis as per standard guidelines of GFR . The eligible bidder who emerges as lowest bidder in price bid shall be awarded the work . However Rate contract (Annexure-B) shall be decided after due negotiation.

27. Standard force-majeure conditions would apply.

Kindly Acknowledge.

Col Rajeev Agarwal( Retd)  
Assistant Director (admin)



**TENDER DOCUMENT FOR OPERATION AND MAINTENANCE OF**  
**Day to day operation and Maintenance of E&M Installation, Water Supply**  
**& Misc Building maintenance work at MP- IDSA**

Sl. No.	Description of works
1.	<b><u>Tender Document For Operation And Maintenance Of Day to day operation and Maintenance of E&amp;M Installation, Water Supply &amp; Misc Building maintenance work at IDSA</u></b>
<b>1.1</b>	<b><u>External / Internal Electrification</u></b>
i)	MCC Panel for HV AC System – 01 No.
ii)	MCC Panel for Various AHU – 01 Lot.
iii)	Power & Control cabling of various size from 105 Sqmm to 300 Sqmm.
iv)	LT Panel comprising of ACB up to 800 A incoming and outgoing with various rating from 20A to 400 A MCCB/MCB etc. including office A,B and library block, UPS Panel, Residential Panel, Meter board, DB/s utility panel etc.
v)	AREA lighting of the Complex.
vi)	Internal electrification of all building.
<b>1.2</b>	<b><u>External / Internal Water Supply System</u></b>
i)	External/Internal water Supply System/ Plumbing including regular cleaning of water tank and sump etc. for the complex.
ii)	Monoblock Pump – 06 Nos.
iii)	Distribution on Pipe line Network
iv)	RO water Plants.-02 Nos ( Non comprehensive AMC with OEMs )
<b>1.3</b>	<b><u>Misc. Building Maintenance</u></b>
i)	Other petty repairs including cost of all T&P, brushes, brooms, lines, ladder plus scaffolding etc. as required for the work, complete all as directed by the Engineer-in-Charge/Project Engineer/Estate Manager.  Misc building work including minor plastering work/ building drain pipes cleaning etc all complete.

Job Responsibility and Charter of Duties

SR No	Position	Job Responsibility
1.	Supervisor	Must be experienced enough to control a team of 12-15 technicians . Sound knowledge of electrical field and working knowledge of plumbing, carpentering , lifts etc . Should be knowledge of spares/specifications for smooth functioning of service .Must have knowledge of logbook filling and complaint system . Supervisor 's main job is to ensure that Institute's services and work under his control must run smoothly . All scheduled maintenance work shall be completed on time . Complaint must be attended smoothly
2.	Electrician	Must have knowledge of equipments, appliances and wiring and complaint should be attended as soon as received . Electrician should be able to diagnosis the fault and able to remove it. His reporting shall be to his Supervisor .
3.	Plumber	Must have knowledge of plumbing work . Must be able to work on GI, CPVC, PPR lines. He must have knowledge of prevention of leakage in supply lines and drainage system . knowledge of laying of new pipeline is desirable.
4.	Carpenter	Will carry out miscellaneous repair work to doors, windows, cupboards, partitions and other similar articles, such as casing and adjusting of door/window shutters, changing damaged or un-workable hardware items, changing glass panes, mirrors etc. The work includes minor addition/alternation in existing wooden structures as directed by Estate Team
5.	Lift Operator	Daily checking of alarm system of all 13 lifts on the Campus , Weekly checking of ARD system. .In case of minor fault, the fault should be rectified . For major faults ( fault beyond his capability ) , report it to Estate Cell and OEM. Must be able to fulfill service records .
6.	Pump Operator	Lift the water from Pump House to respective tanks of RO water and normal water . Operate the RO water machine . Ensure that all tanks should be filled with sufficient water and overflow should be avoided . Routine maintenance of RO plant and Pump machine including cleaning of Overhead tanks on regular Intervals .
7.	Helpers	Help the technicians to carry out their jobs , cleaning the service station .

### **Eligibility Criteria and Technical Bid :**

1. The following documents & information should be attached with Tender Documents :
  - 1.1 Self Certified copy of work executed of similar nature by the firm in support of experience in a tabular form. Please mention area of the building.
  - 1.2 Details of works in hand.
  - 1.3 Self Certified copy of Audited balance sheet of last three financial years.
  - 1.4 Income tax return for last three financial years.
  - 1.5 self-Certified copy of certificate of the client/owner regarding satisfactory performance of works.
  - 1.6. Registration No with GST Dept with latest challans
  - 1.7 Pan No of Partners/Firm.
  - 1.8 PF and ESI registration alongwith latest challans.
  - 1.9 Permanent Man Power Details.

#### 2. **Eligibility Criteria** :-

- a. Firm must have valid electrical License alongwith minimum 3 years experience of having successfully completed works of similar nature (as mentioned in scope of work ), registered with CPWD/PWD/Railways/MES/P&T & any Other Govt. organization. ( **Firms should have experience of building maintenance services of big Housing society /Colonies/Residential apartments with various maintenance services like plumbing, carpentering, water supply, electricity maintenance. The area of building maintained by contactor should not be less than 3 Acres**)
- b. Average turn over during last three financial years ending 31<sup>st</sup>March 2021 should not be less than Rs 1 Crore.
- c. Should have fulfill all statutory requirement like EPF/ESI,Bonus Labour License , Certificate of shop & establishment etc.
- d. Firm must have Control office in Delhi/NCR.
- e. MSMEs having valid electrical License need only apply .
- f. Firm Must have One AMC of similar nature, running at present which can be verified physically by the officials of IDSA.
- g. Firm must have clear track record and should never been blacklisted by any department or Organization . An affidavit to be attached with technical bid .

3. Firms satisfying above criteria should submit their application alongwith proofs in sealed envelope duly subscribed the name of work in with an account payee demand draft of a scheduled bank as earnest money in favour of IDSA, New Delhi payable at Delhi.

**PREQUALIFICATION OF CONTRACTOR****Basic information.**

1.	a) Name of the applicant / organisation b) Address of the Registered Office c) Address of office at Delhi (with Phone Nos Fax Nos & Email ID & Contact Person).	
2.	Year of establishment	
3.	Type of the organisation (Whether sole proprietorship, Partnership, Private Ltd. Or Ltd. Co. etc.). (Enclosed certified copies of documents as evidence)	
4.	Name & qualification of the Proprietor / Partners / Directors of the Organisation/Firm  a)  b)  c)  Enclose certified copies of document as evidence	
5.	Details of registration – Whether partnership firm, Company, etc. Name of Registering Authority, Date and Registration number. Enclose certified copies of document as evidence.	
6.	Whether registered with Government / Semi-Government / Institute Authorities of any other Public Organisation and if so, in which class and since when? (Enclose certified copies of	

	document as evidence	
7.	No. of years of experience in the field and details of work in any other field.	
8.	Address of Delhi office through which the proposed work of the Institute will be handled and the Name & Designation of Person in charge.	
9.	Yearly turnover of the organisation during last 3 financial years (year wise) and furnish audited balance sheet and Profit & Loss A/c (Audited) for the last -3- years.	
10.	PF office. (where registration carried out, also mention year of registration, also enclose last challans of PF )	
11.	Enclose copy of latest income tax clearance certificate alongwith Copies of ITR for last 3 years.	
12.	PAN No/GST No.	
13.	Details of registration for ESI. (Enclose latest ESI challan)	
14.	Detailed description and value of works done (Proforma 1) and works on hand (Proforma 2)	
15.	Details of Key Personnel Permanently employed (Proforma – 3)	
16.	Other infrastructural information to be used/referred for this work (Proforma-4)	
17.	Furnish the names of organization, address, Tel. No., etc., you have completed the above	

	mentioned jobs .	
18.	Whether any Civil Suit / litigation arisen in contracts executed / being executed during the last 10 years. If yes, please furnish the name of the project, employer, Nature of work, Contract value, work order and brief details of litigation. Give name of court, place, status of pending litigation.	Attach a separate sheet if required.
19.	Information relating to whether any litigation is pending before any Arbitrator for adjudication of any litigation or else any litigation was disposed off during the last ten years by an arbitrator. If so, the details of such litigation are required to be submitted.	
20.	Have you ever been put on a holiday list or banned by any Public sector units? If so give details	

I/We confirm that to the best of our knowledge the information is authentic and accept that any deliberate concealment will amount to disqualification at any stage.

**DATE:**

**Sign.&Seal of the applicant**

**PLACE:**

**PROFORMA – 1.****LIST OF Works EXECUTED BY THE ORGANISATION DURING THE LAST 5****Years.**

Sl. No.	Name of work with address	Name & full postal address of the owner. Specify	Contract Amount (Rs.)	Stipulated time of completion (Years)	Actual time of completion (years)	Any other relevant information. Actual amount of the work, if increased, give reasons	Enclose clients certificate for satisfactory completion.
1	2	3	4	5	6	7	8

**Notes:**

1. Information has to be filled up specifically in this format. Please do not write remarks "As indicated in Brochure".
2. Date shall be reckoned from the date of advertisement of the notice in news papers.
3. For certificates, the issuing authority shall not be less than an Executive In Charge.

**PROFORMA – 2****B) LIST OF IMPORTANT WORKS IN HAND**

Sl. No.	Name of work with address	Name & full postal address of the owner. Specify whether Govt. undertaking along with name, address and contact nos. of 2-persons (Engineers or top officials of the organization)	Contract Amount (Rs.) with copy of Work Order & completion certificate from project in-charge	Stipulated time of completion (Years)	Present status of the project	Any other relevant information.
1	2	3	4	5	6	7

Notes:

(c) Information has to be filled up specifically in this format. Please do not write remarks "As indicated in Brochure".



**Proforma – 3****DETAILS OF KEY PERSONNEL, GIVING DETAILS ABOUT THEIR TECHNICAL QUALIFICATION & EXPERIENCE INCLUDING THEIR IN HOUSE ESTABLISHMENT**

Sr. No.	Name and designation	Age	Qualification	Experience	Nature of works handled	Name of the projects handled along with amounts	Date from which employed in your organization	Indicate details of experience for similar projects.
1	2	3	4	5	6	7	8	9

**Notes:**

- Information has to be filled up specifically in this format. Please do not write remark "As indicated in Brochure".
- Indicate other points, if any, to show your technical and managerial competency to indicate any important point in your favour.

**Proforma 4****OTHER INFORMATION**

Sr. No.	Particulars
I)	OFFICE INFRASTRUCTURE
II)	WORKSHOP FACILITIES  A) Location B) Land Area C) Type of Structure D) Type of Facilities
III)	LIST OF MAJOR EQUIPMENT/INSTRUMENTS IN POSSESSION OF THE FIRM

Note: Please furnish information in this proforma only. Do not write 'as per enclosed sheet/brochure'.

1. Contractor should possess all necessary tools and tackle to handle the breakdown in fields including plumbing/Carpentry/electrician . No excuse shall be entertained in this regard ,.

2. contractors tend to use one set of tools for his various sites . There shall be specific set of tools which will not allowed to move around the other sites of the contractor . One set of critical tools shall be kept as reserves in estate office for smooth functioning of work ,

**Form of Tender****( Note : the appendix forms part of the tender )****To,****MP-IDSA****No 1, Developmant Enclave****Rao Tularam Marg, New Delhi-110010.****Sir,****Name of work : Day to day operation and maintenance of E&M Installation,  
Water Supply and Miscellaneous building maintenance work**

1. Having visited the site and examined the conditions of contract , specifications and schedule of quantities for the above named work , we offer to undertake and complete the whole of subject work in conformity with the said conditions of the contract , specifications and schedule of quantities of this tender documents or such other sum as may be ascertained in accordance with the said condition of contract.
2. We undertake to complete and deliver the whole of the works comprised in the contract within the time started in appendix hereto.
3. We have independently considered the amount of liquidated damages shown in the appendix hereto and agree that it represents a fair estimates of loss likely to be suffered by you in the event of the works not being completed properly.
4. If our tender is accepted, we will remit the initial security deposit by demand draft or obtain a guarantee from a scheduled bank to be jointly and severally bound by us for the sum named in appendix hereto for initial security deposit. Third party insurance policy shall also be obtained from a insurance company approved by you.
5. We agree to abide by this tender for the period of one year from the date fixed for receiving the same or agreed extended period and it shall remain binding upon us may be accepted at any time before the expiry of the period.
6. Unless and until a formal agreement is prepared and executed, this tender together with your written acceptance thereof shall constitute a binding contract between us.

- 7. We understand that if our tender is accepted, we are to be jointly and severally responsible for the due performance of the contract.
- 8. We understand that you are not bound to accept the lowest or any tender you may receive.
- 9. If we get contract we shall pay minimum wages and all other statutory requirements to our workers revised time to time and that will be responsibility of ours .

Name and Signature of contractor with seal

.....

Dated ..... Day of .....

Signature.....In the capacity of .....

Duly authorized to sign for and on behalf of.....

Name and address of the tenderer.

(IN BLOCK CAPITALS)

**Annexure- 'III'****List of minimum tools to be kept at site**

1. All type of Open Spanner .
2. All type of Ring spanner.
3. Pipe wrench up to 3'' pipe .
4. Two Nos of Aluminim ladder 5' and 10' long.
5. Digital Tong Tester.
6. Digital multimeter.
7. Electrical tool kit including pliers/screwdrivers etc .
8. Megger./Insulation tester up to 11 KV
- 9 Crimping tool .
10. Hi-Pod.
- 11..Any Other tool required for smooth functioning.
12. All Carpentering tools and devices .

**Annexure-IV****Price Bid****(Through Online mode only, Off line mode shall be outrightly rejected)**

SNo	Description	Amount (Rs) Excluding GST.		
		For 01 <sup>st</sup> Year (A)	For 02 <sup>nd</sup> Year (B)	Total Amount for 2 years C=(A+B)
1.	Annual Maintenance contract value for Day to day Operation and maintenance of Electrical & Mechanical Installation, Water Supply and miscellaneous building maintenance work as per minimum wages Inclusive of EPF, ESI and bonus ( yearly basis) including consumables ,Non comprehensive maintenance of RO Plants.			
2.	Total of Rate Contract Consumable As per <b>Annexure-A</b>			
3	Total			

Amount in Words

(Rupees -----)

(Signature of the bidder/Applicant) .Date :

Seal .

Note 1. Contractor should take into account minimum wages, PF, ESI and bonus for each worker as per rules , bid will be considered non responsive if found below minimum wages and Nil service charges .

Note 2. TDS and GST shall be deducted as applicable .

Note 3. If any discrepancy found with the quoted amount in figures and words, higher of the two would be considered.

## Annexure-A

**List of items for Rate Contract**

SNo	Description	unit	Approx. Quantity Required <b>Annually</b>	Rate	Amount	make
1	Switch 1way-6 Amp	Nos	20			Anchor/Bajaj/Philips/Havells
2	Switch 2 way-6 Amp	Nos	10			Anchor/Bajaj/Philips/Havells
3	15 Amp switch (Anchor)	Nos	30			Anchor/Bajaj/Philips/Havells
4	10 Amp Switch (Roma)	Nos	24			Anchor/Bajaj/Philips/Havells
5	20 Amp Switch Roma	Nos	24			Anchor/Bajaj/Philips/Havells
6	15 Amp socket-Anchor	Nos	48			Anchor/Bajaj/Philips/Havells
7	15 Amp Top	Nos	24			Anchor/Bajaj/Philips/Havells
8	5 Amp socket-Roma	Nos	12			Anchor/Bajaj/Philips/Havells
9	05 Amp Soket-Anchor		12			Anchor/Bajaj/Philips/Havells
10	5/15 Amp plug	Nos	12			Anchor/Bajaj/Philips/Havells
11	Condensor 1.5 MFD	Nos	48			Anchor/Bajaj/Philips/Havells
12	Multiplug-5Amp/15	Nos	6			Anchor/Bajaj/Philips/Havells
13	Capacitor-2.5 mfd/3.15	Nos	60			Anchor/Bajaj/Philips/Havells
14	Capacitor-5 mfd	Nos	6			Anchor/Bajaj/Philips/Havells
15	Capacitor 20 MFD	Nos	6			Anchor/Bajaj/Philips/Havells
16	Bulb Holder	Nos	6			Anchor/Bajaj/Philips/Havells
17	Brass Bulb Holder	Nos	6			Anchor/Bajaj/Philips/Havells
18	Tee Cover - Round sheet	Nos	12			Anchor/Bajaj/Philips/Havells
19	Switch sheet 12 Model	Nos	6			Anchor/Bajaj/Philips/Havells
20	Switch Sheet 4 Model	Nos	6			Anchor/Bajaj/Philips/Havells
21	Switch sheet 3 Model	Nos	6			Anchor/Bajaj/Philips/Havells
22	Switch sheet 2 Model	Nos	6			Anchor/Bajaj/Philips/Havells
23	Switch sheet Roma	Nos	5			Anchor/Bajaj/Philips/Havells

24	Osram bulb/Bulb-40 w	Nos	20		Anchor/Bajaj/Philips/Havells
25	Threaded Bulb-15w	Nos	40		Anchor/Bajaj/Philips/Havells
26	International socket	Nos	4		Anchor/Bajaj/Philips/Havells
27	Geyser Element	Nos	12		Anchor/Bajaj/Philips/Havells
28	Thermostat Geyser	Nos	12		Anchor/Bajaj/Philips/Havells
29	New Geyser assembly-25 Litres	Nos	1		Anchor/Bajaj/Philips/Havells
30	Philips Tube-55w	Nos	12		Anchor/Bajaj/Philips/Havells
31	Round Tube -22w	Nos	12		Anchor/Bajaj/Philips/Havells
32	Philips 2' fitting	Nos	4		Anchor/Bajaj/Philips/Havells
33	9W Tube Fitting LED-2'	Nos	6		Anchor/Bajaj/Philips/Havells
34	Tube for 2' fitting-20w	Nos	6		Anchor/Bajaj/Philips/Havells
35	Tube light starter-220V	Nos	250		Anchor/Bajaj/Philips/Havells
36	Tubelight Rod 36w/40w	Nos	500		Anchor/Bajaj/Philips/Havells
36	CFL-23w	Nos	6		Anchor/Bajaj/Philips/Havells
37	LED Bulb 15 watt-philips	Nos	24		Anchor/Bajaj/Philips/Havells
38	Relay 9-15 Amp	Nos	1		Anchor/Bajaj/Philips/Havells
39	Thermal O/I Relay ML1-4-6.5	Nos	1		Anchor/Bajaj/Philips/Havells
40	New Halogen 500 Watt	Nos	1		Anchor/Bajaj/Philips/Havells
41	Halogen tube 500w	Nos	1		Anchor/Bajaj/Philips/Havells
42	40/63 Amp Mcb Single Pole	Nos	6		Havells/Legrad/Hagger
43	MCB 25+32 Amp-SP	Nos	6		Havells/Legrad/Hagger
94	Wire 1.5mm2	Roll	4		Kalinga/Finolex/Havells
95	Wire .75mm2/1mm	Roll	4		Kalinga/Finolex/Havells
96	Wire 2 core, 01 mm	Roll	1		Kalinga/Finolex
44	Wire 4 mm Kalinga	Roll	2		Kalinga/Finolex
45	wire 2.5MM2	Roll	2		Kalinga/Finolex



46	Fan Regulator-Anchor	Nos	24			Anchor/Bajaj/Philips/Havells
47	Fan Regulator Roma	Nos	24			Anchor/Bajaj/Philips/Havells
48	Fan Regulator sheet	Nos	5			Anchor/Bajaj/Philips/Havells
49	Fan Hook	Nos	2			Standard
50	Gang Box 16A	Nos	24			Anchor/Bajaj/Philips/Havells
51	Gang Box 06 A	Nos	24			Anchor/Bajaj/Philips/Havells
52	Electronic Choke 36w	Nos	30			Anchor/Bajaj/Philips/Havells
53	Choke for 55w ceiling light-philips	Nos	2			Anchor/Bajaj/Philips/Havells
54	Electronic choke for sleek wall mounted light	Nos	2			Anchor/Bajaj/Philips/Havells
55	Rewinding of exhaust fan motor-9"	Nos	12			
56	Exhaust fan -15" Heavy Duty	Nos	1			Bajaj/Philips/Havells
57	Rewinding of exhaust fan motor-12"	Nos	4			Anchor/Bajaj/Philips/Havells
58	Rewinding of exhaust fan motor -18"	Nos	2			
59	Mounting rubber-18"-exhaust fan	Nos	4			
60	Tpn 16 AMP	Nos	4			Havells/Hagger/Protec
61	Exhaust fan9/10"/12"(new)	Nos	4			Anchor/Bajaj/Philips/Havells
62	Ceiling fan - Havells-56"	Nos	2			Anchor/Bajaj/Philips/Havells
63	Rewinding Of Pedestal Fan Motor	Nos	2			Anchor/Bajaj/Philips/Havells
64	Panel fan-6"	Nos	1			Anchor/Bajaj/Philips/Havells
65	5 Watt pls 2 Pin Holder	Nos	12			Anchor/Bajaj/Philips/Havells
66	CFL 5W-Holder	Nos	10			Anchor/Bajaj/Philips/Havells
67	CFL 8Watt/11w Threaded	Nos	24			Anchor/Bajaj/Philips/Havells
68	CFL-5W-Threaded	Nos	10			Anchor/Bajaj/Philips/Havells

69	9 Watt LED bulb	Nos	100		Anchor/Bajaj/Philips/Havells
70	PLS tube 11w-2pin	Nos	100		Anchor/Bajaj/Philips/Havells
71	11w CFL 2 Pin Yellow	Nos	20		Anchor/Bajaj/Philips/Havells
72	14W holder type CFL philips	Nos	20		Anchor/Bajaj/Philips/Havells
73	11 W PLS 4 pin (osram)	NOS	17		Anchor/Bajaj/Philips/Havells
74	CFL 18 W 2 pin	Nos	8		Anchor/Bajaj/Philips/Havells
75	CFL 18w 2 Pin warm-yellow	Nos	9		Anchor/Bajaj/Philips/Havells
76	CFL 18 W 4 pin	Nos	6		Anchor/Bajaj/Philips/Havells
77	CFL 18 w threaded(Small threaded)	Nos	4		Anchor/Bajaj/Philips/Havells
78	CFL 18 w threaded(Big threaded)	Nos	6		Anchor/Bajaj/Philips/Havells
79	CFL 20W -warm light	Nos	4		Anchor/Bajaj/Philips/Havells
80	CFL 20 W holder type	Nos	6		Anchor/Bajaj/Philips/Havells
81	CFL 26 w 4 Pin	Nos	4		Anchor/Bajaj/Philips/Havells
82	CFL 26w 4 Pin -yellow	Nos	4		Anchor/Bajaj/Philips/Havells
83	Power strip	Nos	6		Anchor/Bajaj/Philips/Havells
84	Telephone Clip	Nos	100		Anchor/Bajaj/Philips/Havells
85	Telephone wire-4pair	Roll	2		Anchor/Bajaj/Philips/Havells
86	Indication lamp set-Geyser	Nos	24		Anchor/Bajaj/Philips/Havells
87	Rewinding of ceiling fan	Nos	6		Anchor/Bajaj/Philips/Havells
88	Bearing 6201	Nos	24		Anchor/Bajaj/Philips/Havells
89	Bearing 6202	Nos	24		Anchor/Bajaj/Philips/Havells
90	Battery 9V	Nos	6		Anchor/Bajaj/Philips/Havells
91	MCB 100 Amp	Nos	1		Anchor/Bajaj/Philips/Havells
92	MCB 6 amp-sp-Havells	Nos	12		Anchor/Bajaj/Philips/Havells
93	MCB 4 Pole(TPN) 25 32 40 63 Amp (2 each)	Nos	8		Anchor/Bajaj/Philips/Havells

94	Flexible pipe 20 mm	Roll	1			Anchor/Bajaj/Philips/Havells
95	Geyser TanksSS	Nos	4			Anchor/Bajaj/Philips/Havells
96	Geyser tank Copper-25 Ltrs with collar	Nos	2			Anchor/Bajaj/Philips/Havells
97	Geyser Assembly-collar	Nos	4			Anchor/Bajaj/Philips/Havells
98	Exhaust fan blades MS	Nos	12			Anchor/Bajaj/Philips/Havells
99	Exhaust fan blades-PVC	Nos	6			Anchor/Bajaj/Philips/Havells
100	Exhaust fan Louver PVC-12"	Nos	12			Anchor/Bajaj/Philips/Havells
101	Wall mounted fan blade	Nos	5			Anchor/Bajaj/Philips/Havells
				Total Amount		
	<b>Plumbing</b>		<u>Approx quantity Annually</u>	<u>Rate</u>	<u>Amount</u>	
1	PVC Connection	Nos	100			
2	Flexible metal connection-18"	Nos	20			
3	Flexible metal connection-24"	Nos	20			
4	Waste pipe	Nos	24			
5	Waste Coupling CPVC	Nos	10			
6	Waste Coupling Brass	Nos	6			
7	Sink waste assembly	Nos	6			
8	Brass Phase-Size 3No,4No	Nos	24			
9	Brass Phase -5 No,6	Nos	100			
10	Brass phase threaded	Nos	10			
11	Dead Plug - 1/2"/3/4",1"	Nos	10			
12	Steel Drain jali	Nos	24			
13	RO Filter -20"	Nos	24			
14	White cement	Kg	10			Birla White/ACC
15	Paper roll Holder	Nos	12			
16	Fastner-10x100	Nos	100			
17	Fastner-12x100		100			
18	Syphen+Handle-Toilet	Set	12			
19	Push Tap	Nos	1			
20	Filter-10"	Nos	12			
21	Gate Valve-3/4"-Brass	Nos	10			Unik/L&T

22	Ball Valve-1/2"-brass	Nos	6			Unik/L&T
23	Gate valve-65mm-brass	Nos	1			Unik/L&T
24	Parryware seat cover (white)	Nos	12			Parryware/Hindware
25	Parryware seat cover (Off white)	Nos	12			Parryware/Hindware
26	Parryware hinges	Nos	12			Parryware/Hindware
27	Geyser washer	Nos	100			
28	Jet spray	Nos	4			Parryware/Hindware ryware/
29	Ball cock-1"	Nos	6			
30	Ext. Nipple 3"	Nos	2			
31	Hex Nipple-1"	Nos	2			
32	Hex Nipple -1.5"	nos	2			
33	System washer	Nos	100			
34	Urinal Jali	Nos	12			
35	PVC shower 4x4 with arm	Nos	12			
36	Shower Chain	Nos	7			
37	Shower with Chain	Nos	6			
38	Cistern Tank with Flush system-5 Litre	Nos	1			
39	Cistern Tank with Flush system-15 Litre (PVC)	Nos	1			
40	Cistern Tank with Flush system-15 Litre Ceramic	nos	1			
41	Wall Hung Bracket	Nos	1			
42	Wash Basin(corner)	Nos	1			
43	Wash basin - 22"x16"	Nos	1			
44	Sink Mixer	Nos	1			
45	Angle Valve	Nos	3			
46	Bib Cock	Nos	6			
47	Silicon tube	nos	24			
48	Black Cement	Kg	100			
49	Ball Cock For Cistern tank 1/2"	Nos	6			
50	WC Sheet 16"x20"	Nos	1			
51	POP	Kg	10			
52	Bottle Trap	Nos	5			
Total Amount						

<b>Carpentering</b>					
		Unit	Quantity		
1	Aldrop	Nos	4		
2	Drawer lock -Brsss (Godrej)	Nos	6		
3	Almera Lock-residence cupboard	Nos	12		
4	Drawer lock-iron	Nos	6		
5	Door Hinges	Nos	6		
6	Pipe cap-curtain	Nos	12		
7	Rubber for stopper	Nos	48		
8	Godrej lock/bathroom lock	Nos	12		
9	Harrison Lock	Nos	12		
10	Handle Almera-6"	Nos	10		
11	Handle Almera-4"	Nos	12		
12	Cupboard handle - 3"	Nos	24		
13	Magic Eye	Nos	6		
14	Soap Dish	Nos	6		
15	Glass Mirror-06mm-1.5x2'	Nos	24		
16	Window Glass 2'x2.5'	Nos	6		
17	Tapper Mulding-1.5"	Nos	250		
18	6mm Ply Board-8x4	Nos	3		Century or equilent
19	Wooden Board - 19mm-8x4	Nos	3		
20	Sunmica sheet-8x4	Nos	3		
21	Plywood Board - 12mm-8x4	Nos	5		
22	Pan wood Batta-1.5"x1.5"	Rft	25		
23	Kundi/kunda/tower bolt-4"	Nos	6		
24	Tower bolt 6"	Nos	6		
25	Doors-82x36	Nos	4		
26	Window Door-Window	Nos	1		
27	Aluminium sheet-2.5'x8'	Nos	2		
28	Margin/bidding-1.0"	Rft	250		
29	Margin Bidding-	R Ft	250		

	1.5"					
30	Fevicol-SR-1kgx02	kg	02			
31	Fevicoal-SH-1kgx02	kg	02			
32	Wooden primer	Ltrs	2			
33	Wheel of Chair	Nos	24			
34	Door Stopper	Nos	100			
35	Door Closer	Nos	12			Sandhu or equilent
36	Magner Catcher	Nos	40			
37	Ordinary Kabza/kabza strip	Nos	2			
38	Anti Termite Spray	Ltr	10			
39	Choukhat single paitam	Rft	20			
40	Combined Choukaht Double Paitam	Rft	25			
41	Araldite tube with hardner	Kg	1			
42	MS Mosquito net -50x4	Roll	1			

Grand total of Annexure-A

( Above total shall be reflected in price bid table )

1. Items to be supplied should be branded like :-

(a) In electrical switches /lights :- Anchor/Bajaj/Havells/Philips/Osram

(b) Switch gears ; - L&T, Crompton Greaves, Havells

© Plumbing ; - Unik, parryware /Hindware, Godrej

(d) Carpentering : Century , Modiguard, Godrej .

2. if the above brand is not available for the items, decision of Estate Manager for equilent alternate will be final .

3. For Any clarification bidders are requested to visit estate office for samples .

4. Items to be supplied should be standard and branded. Substandard items shall be rejected immediately.

5.The rates quoted will remain firm throughout the contract period .

6. payment shall be made on actual consumption basis .