

TECHNICAL BID

General Maintenance (Civil & Electrical) of Akbar Bhawan

Name of work: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi.

NOTICE INVITING TENDERS: 21 / SAU / NIT / 2018

Name of Agency:

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Last date & time for issue of tender : 30 August 2018 upto 11.00 AM

Place for submission : On or before 31 August 2018 by 3.00 pm in Room no. 418
South Asian University
Akbar Bhawan, Chanakyapuri, New Delhi-110021

Place for opening of tender document: 31 August 2018 at 3.30 pm in Room no. 408
South Asian University
Akbar Bhawan, Chanakyapuri, New Delhi-110021

Last date/Time of submission : On or before 31 August 2018 by 3.00 pm

Date/Time of opening of technical bid : 31 August 2018 at 3.30 pm

Client: President, South Asian University



Executive Engineer (Civil)
SAU, Akbar Bhawan ✓



TENDER FORM

To

The Registrar
SAU, Akbar Bhavan
New Delhi.

Dear Sir,

I/We have read and examined the following Tender Documents relating to the "Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi."

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I/We hereby offer to execute the work complete in all respects specified in the underwritten Memorandum within the time specified therein or during the allowed extended time at the rates specified in the bill of Quantities and in accordance, with the specifications, instructions referred to in the conditions of tender and good engineering practices.

(Seal & Signature of Contractor)



NOTICE INVITING TENDER

Sealed percentage rate Tenders are invited on behalf of the President, SAU, Akbar Bhawan, New Delhi – 110 021, from eligible contractors for electrical & civil (including plumbing) maintenance works up to 3.00 pm. on or before 31.08.2018 for the following work:

Name of work: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi.

NIT No:	21 / SAU / NIT / 2018
Name of work	Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi.
Estimated cost put to tender	Rs 6407453/- + GST
Earnest Money	Rs 1.70 Lacs
Period of Completion	12 Months
Last date & time for issue of tender	30 August 2018 up to 11.00AM
Last date & time for submission of tender & EMD	On or before 31 August 2018 by 3.00 pm at Room No: 418, Akbar Bhawan, Chankyapuri, New Delhi.
Date & time of opening of Technical / Eligibility bid	31 August 2018 at 3.30 pm, Room No: 408 Akbar Bhawan, Chankyapuri, New Delhi.

The bidders can also download the tender directly from the SAU website i.e www.sau.int. Every tender must be accompanied with earnest money (EMD) for Rs 1.70 Lacs (Rs One Lac Seventy Thousand Only) in the form of demand draft drawn in favor of South Asian University, payable at New Delhi. Any tender not accompanied by such earnest money will be rejected straight away.

ELIGIBILITY CRITERIA

1	Bidders who fulfill the following minimum criteria shall be eligible to apply. Joint ventures shall not be accepted.
a)	Should have satisfactorily completed the works as mentioned below during the last (7) Seven years ending previous day of last date of submission of bids:
i)	Three similar completed works each costing not less than Rs.25.60 Lacs or two similar completed works each costing not less than Rs.38.40 Lacs or one similar completed work costing not less than Rs.51.20 Lacs. Similar work shall mean "Maintenance & Operation of civil, electrical infrastructure including plumbing, operation of lifts, DG set of minimum four storey building / campus / institution under one agreement.
b)	Should have had average annual financial turnover of at least Rs.32.00 Lacs on maintenance works during the immediate last three consecutive financial years ending 31st March 2018 (copy of Certificate from CA to be submitted).
c)	In addition to above, the agency must have completed at least one similar work in any Government Organization or PSU's or International Organization having value not less than Rs.25.60 Lacs. Necessary self-attested registration certificate OR completion certificates with any of the above organizations shall be submitted.



d)	The bidder should not have incurred any loss in more than two years during the last five years ending 31st March 2018. Consecutive financial statements duly certified and audited by the Chartered Accountant to be submitted.
e)	The intending bidder must read the terms and conditions of NIT carefully. He should only submit his bid if he considers himself eligible and he is in possession of all the documents required.
f)	Information and Instructions for bidders posted on website time to time shall form part of the bid document.
g)	The value of executed works shall be brought to current costing level by enhancing the actual value of work at simple rate of 7% per annum; calculated from the date of completion to last date of submission of bids
h)	Certificate of Financial Turnover: At the time of submission of bid, contractor may submit Affidavit / Certificate from CA mentioning Financial Turnover of immediate last 3 years ending March 2018 .Further details if required may be asked from the contractor after opening of technical bids.
i)	The Technical / Eligibility bid shall be opened first on due date and time as mentioned above. The time and date of opening of Financial bid of contractors qualifying the Technical/ Eligibility bid shall be communicated to them at a later date or through website or e-mail id given in tender documents.
j)	If any information furnished by the applicant is found incorrect at a later stage, he shall be liable to be debarred from tendering / taking up of works in South Asian University (SAU). The tender shall be cancelled and EMD shall be forfeited. The SAU reserves the right to verify the particulars furnished by the applicant independently.
k)	The South Asian University is an Inter-Governmental Organization established by the SAARC (South Asian Association for Regional Co-operation) Nations and has been extended the Privileges and Immunities under Section '3' of the United Nations (Privileges and Immunities) Act, 1947 by the Government of India. The University is exempted from paying and collecting all Direct and Indirect Taxes in India. In terms of Article 4(1) of the Agreement among SAARC Nations for establishment of South Asian University, "the (South Asian) University and its campuses and centres shall be exempted, in the state where they are located, from paying and from collecting all direct and indirect forms of taxes and duties for the establishment and operations of the University". In terms of Section-3 of the South Asian University Act 2008 (Act No. 8 of 2009) passed by the Parliament of the Republic of India, notwithstanding anything contrary contained in any other law, the provisions of the above referred Agreement among SAARC Nations for establishment of South Asian University shall have the force of law in India.
l)	The agency must submit the attested copies of the following certificates as mentioned below:- > ESI/PF certifications / registration > Proof of Valid GST Number as issued by the Government of India. > EMD cost shall be Rs. 1.70 lacs and should be submitted in original with tender (Technical Bid).
m)	The bidder must submit the registration certificate with registrar of companies i.e proprietary, public, private etc.
n)	Credentials for the works submitted by the bidder for qualifying the eligibility criteria, if required, may be verified by the University representatives and the bidder will make necessary arrangement for arranging meeting with client department, etc.

Executive Engineer (Civil)

Name of agency:

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SOUTH ASIAN UNIVERSITY



INSTRUCTIONS TO BIDDERS

1. **GENERAL INSTRUCTIONS:** The works referred here in shall cover the entire scope of the proposal as per schedule A, B, C, D & E. The "Owner" where appearing in these documents shall mean Registrar South Asian University,
2. **BIDDERS TO STUDY ENTIRE TENDER DOCUMENT CAREFULLY:** Submission of a bid by a bidder implies that he has read all the stipulations contained in this document and has acquainted himself of the nature, scope and specifications of the works to be followed.
3. **BIDDER TO SUBMIT THE ENTIRE TENDER DOCUMENT:** The bidder shall submit all documents issued to him for the purpose of this bid after duly filling the same in all respects. Bids which are found to be vague or incomplete shall be rejected summarily.
4. **BID SHALL BE WRITTEN IN ENGLISH LANGUAGE:** Every tender shall be written in English language. All information / documents supplied by the bidder will also be in the English language only. Bids shall be forwarded under cover or a letter type written on the bidders letter-head and duly signed by the bidder. Signatures must be in long hand, executed in ink by a duly authorized principal of the bidding firm. No oral, telegraphic or telephonic tenders or subsequent modifications there-to shall be entertained; If a tender is submitted on behalf of the firm, then all the partners shall sign or may be signed by one in whose favour all the partners have given General Power Of Attorney. **In case of bid submitted by a company, it shall be signed by one who has been authorized by the Board of Directors through a resolution. Copy of resolution and the authority letter in favour of the person signing must accompany the tender.**
5. **BIDDERS TO QUOTE FOR ALL ITEMS:** The bidder shall quote his rates in the sheet "Abstract of Financial bids" in percentage with reference to attached schedules A, B and C. The rates in the Schedule D & E shall be filled in neatly in figures without cutting & over writing. Incomplete offer shall be liable for rejection. The tender documents with overwriting & cutting without authentication shall be rejected.
6. **VALIDITY PERIOD OF OFFERS:** The rates quoted in the bid shall hold good for 90 days from the date of opening of the bids. The validity period shall be extendable with the mutual consent of both the parties but not exceeding two consecutive years. No bidder can withdraw/or modify his tender or revoke the same within the said period of 90 days. If a bidder on his own withdraws or revokes the bid or revises or alters or modifies the bid for any item or condition within a period of aforesaid 90 days his earnest money deposit shall stand forfeited.
7. **BIDDER TO SIGN ALL PAGES:** The bidder shall stamp and sign every page of the tender documents in token of acceptance of tender conditions and for the purpose of identification.
8. **ERASURES AND ALTERATIONS:** Tenders containing erasures and alterations of the tender documents are liable to be rejected unless these are authenticated by the person signing the Tender Documents.
9. **BIDDER TO SATISFY HIMSELF OF SITE CONDITIONS:** Bidders are advised to inspect and examine the site and its surroundings and satisfy themselves before submitting their tender regarding nature of the work and the site conditions, the means of access of the site, the accommodation they may require and in general obtain all necessary information as to risks, contingencies and other circumstances which may influence or affect their tender in any manner. A bidder shall be deemed to have full knowledge of the site, whether he inspects it or not and no compensation or otherwise of any charges incurred or to be incurred consequent on any misunderstanding or otherwise shall be admissible.
10. **EARNEST MONEY:** The tender shall be accompanied by earnest money of Rs.170,000.00 (Rupees One lakh Seventy Thousand Only) in the form of Demand Draft only drawn in favour of the South



Asian University payable at New Delhi. Earnest money of the unsuccessful bidder(s) shall be refunded after expiry of the validity period of the tenders/allotment of works whichever is earlier.

11. **BIDDER TO QUOTE BOTH IN FIGURES AND WORDS:** All bidders shall quote the rate in figures, the amount of each item shall be worked out and the requisite total given. Special care shall be taken to write percentage in figures and the amount in figures only in such a way that interpolation is not possible. The total amount shall be written both in figures and in words which will be considered as final above all, in case any ambiguity like cutting / overwriting /mistake s found which could not be understood.
12. **GST >>** SAU has to get the reimbursement of GST. To facilitate the same the contractor has to provide following information. The bidder should have registered with GST department and has to mention the GST registration no: on all invoices raised for the goods and services supplied. SAU has been allotted **UIN: 0717UNO00175UNQ**. The invoice raised should be in conformity with the various provisions of respective GST Acts and should include the following-
- Name, address and GSTIN of the supplier;
 - Invoice Number;
 - Date of issue
 - Name, address UIN of the recipient;
 - HSN code of goods or Accounting Code of services (SAC)
 - Description of goods or services;
 - Quantity in case of goods and unit or Unique Quantity Code thereof;
 - Total value of supply of goods or services or both;
 - Taxable value of supply of goods or services or both considering discount or abatement, if any;
 - Rate of tax (central tax, State tax, integrated tax, Union territory tax or cess);
 - Amount of tax charged in respect of taxable goods or services (Central Tax, State Tax, Integrated Tax, Union territory Tax or cess);
 - Place of supply along with the name of State, in case of a supply in the course of inter-State trade or commerce;
 - Address of delivery where the same is different from the place of supply;
 - Signature or digital signature of the supplier or his authorized representative:
13. **The estimate is based on DSR 2016 rates which are inclusive of DVAT. Due to implementation of GST. The bidder should quote his / her rates without taxes and should give the tax details separately. SAU is exempted from paying / collecting direct & indirect taxes in India. However it is the responsibility of the contractor to pay all admissible taxes.**

SAMPLE CALCULATION FOR QUOTING RATES

	Supply items		Work execution items
CPWD DSR 2016 rate	100		100
Net rate without tax considering @ 12.5% within it	88.88 [Rs 100 / 1+(12.5% *100)]	Net rate without tax considering @ 12.5% on 80% within it	Rs 90.90 [Rs 100 / 1+(0.125*0.8)]
Rate without tax	88.88		90.90
Percentage quoted above / below / at par with DSR 2016 by the agency	3.15% above	-----	4.78% below
Net rate of contractor without tax	Rs 88.88 + (3.15% of 88.88) = Rs 91.67	-----	Rs 90.90 – (4.75% of 90.90) = Rs 86.58
	Tax will be paid extra on Rs 91.67/- while billing		Tax will be paid extra on Rs 86.58/- while billing



14. **TENDER LIABLE TO REJECTION:** Tenders which do not fulfill all or any of the conditions laid down in this notice, or contain conditions not covered and / or not contemplated by the Conditions of contract and/or expressly prohibited therein or stipulate additional/alternative conditions shall be liable to be rejected and his earnest money will be forfeited.

Tenders shall also be liable for rejection on any of the following grounds:-

- i) Tenders submitted late.
- ii) Tenders containing remarks uncalled for.
- iii) Conditional tenders.
- iv) Tenders not submitted on prescribed Performa.
- v) E-mail / Postal Tenders.
- vi) Tender submitted without original EMD.

15. The University inviting tenders shall have the right of rejecting all or any of the tenders without assigning any reason to anyone and will not be bound to accept the lowest or any other tender.

16. **CORRESPONDENCE:** Bidders must mention their postal address and telephone number(s) of the Chief Executive/authorized agent or attorney in the tender. The tender submitted by the BIDDER will be rejected if he or his agent cannot be contacted on the last known address or on the intimated telephone number(s) after reasonable search in which event earnest money may be forfeited by the SAU.

Name of Agency :

Name of Owner :

Registered Address :

Contact Nos. :

E-mail Id :

17. **SAU NOT TO ASSIGN ANY REASON FOR REJECTION OF TENDER:** SAU hold absolute discretion to accept or reject the lowest or any other tender without assigning any reason. No claim on this account shall be entertained.
18. **AMENDMENT IN TENDER DOCUMENTS:** SAU reserves the right to revise or amend the bid Documents up to the date of submission of tender prior to the date notified for opening of the tenders and also reserves the right to postpone the date of submission and opening of tenders without assigning any reason, whatsoever. **The bidders are advised to keep a check on university website (www.sau.int) regularly for any updates / amendments etc.**
19. **REFERENCE IN TENDER DOCUMENTS:** Registrar SAU shall be referred as "Owner" in all the documents of Tender documents/contract agreement.
20. **EXECUTIVE ENGINEER (CIVIL):** Where ever the word "Executive Engineer (Civil)" occurs it shall mean the authorized person appointed by the SAU for the superintendence of the execution of works.
19. **THE SPARE PARTS AND THE MATERIALS REQUIRED:**
- a) The spare parts / material required if any which is available in the CPWD DSR 2016 in respect of civil and electrical works will be provided by the contractor and fixed through labour. The payment for the same will be made as per rates quoted in schedule "C".



- b) The list of spares which are not available in DSR i.e market rated items, a tentative list has been attached with tender at SOQ-D & SOQ-E. The bidder shall quote his / her rates in figures neatly without any cutting / overwriting.
- c) Item if any is available in list of market rated items (SOQ D & E) though available in DSR also, the lowest of two shall be considered as final for payment.
20. **TIME TO START THE WORK:** Justified time period shall be given to the contractor to arrange manpower & material for the SAU site after issue of the award letter & submission of all other documents. However it shall not be more than 15 days from the date of issue of letter of acceptance.
21. **RESPONSIBILITY OF THE CONTRACTOR:** The contractor shall be solely responsible for safety & security and general wellbeing of his men working on the site. The university in no way will be responsible for any accident or mishappening on the university work site or any injury caused to any worker of the contractor during the course of his work in the university premises.
22. **PERFORMANCE SECURITY:**
- (i) To ensure due performance of the contract, Performance Security is to be submitted by the successful bidder for an amount of five per cent (5%) of the value of the contact. Performance Security may be furnished in the form of an Account payee Demand Draft, Fixed Deposit Receipt from a Commercial bank, Bank Guarantee from a Commercial bank in an acceptable form safeguarding University interest in all respects.
- (ii) Performance Security should remain valid for a period of sixty days beyond the date of completion.
- (iii) EMD shall be refunded to the successful bidder on receipt of Performance Security.
23. **WORKERS / LABOUR RELATED:**
- a) The insurance cover shall be as per labour laws requirements. The contractor shall submit papers for suitable insurance cover for his men and shall also submit an undertaking indemnifying to the university.
- b) The rates of labour in Schedule A is based on Minimum Wages as fixed by the Government of India on date of tendering. In case of any increase or decrease in labour wages from time to time, necessary adjustment in rates will be made accordingly without adding any Over Heads & Profit or any other type of mandatory benefits like EPF/ESI etc. This has to be taken care & absorbed by the contractor even if the contract is renewed for next consecutive year. This clause do not free contractor from the liabilities of mandatory benefits as per law, to be passed on to employee.
- c) The university would require the service provider to pay salaries directly in the bank accounts of employees under intimation to the university. The detailed statement is to be submitted with bills.
- d) The service provider would furnish EPFO/ESIC number and other details for verification of payment. ESIC card should also be issued to eligible staff to avail medical facilities.
- e) Police verification of the persons to be deployed by the service provider will be the responsibility of the agency. Staff on duty shall be got police verified. They need to be provided with Uniform (apron) with badge & Identity Cards by the contractor. The attested photocopy of government issued photo identity cards shall also be submitted to SAU.
- f) The Contractor shall ensure that the dues of all employees engaged by him/her are paid in time and their Provident Fund and ESI dues are deposited in time and the University shall have no liability on his account. Necessary certificate towards the above compliance will be submitted by the licensee every month. Bills shall only be cleared on submission of mandatory compliances for the billing period.
- g) The University shall not be liable for any payment to the staff of the Contractor on account of Salary and Allowances, Leave, Medical Aid, Insurance Policy, provident Fund, ESI dues etc. whatsoever, which shall be the responsibility of the Contractor. The Contractor shall also ensure that the norms prescribed by the Human Rights Commission or Government of India, Minimum Wages Act, Provisions of Industrial Disputes Act or any such other legislation, to the extent applicable, are fully observed by



the Contractor. The Contractor hereby undertakes to keep the Registrar and officers of SAU labour laws harm- free and indemnified against any claim or demand of his/her workmen under any industrial law for the time being in force, or as may be amended from time to time.

- h) All necessary registers required as per statutory labour laws shall be maintained by the Contractor for the staff deployed and the same should be available for inspection and verification by the representative of SAU and Labour Enforcement Officer, as and when asked for.
- i) The contractor shall renew the contract Labour License from time to time and inform the Departmental representative accordingly. The contractor will follow all labour laws and other statutory laws of Central Govt. / State Govt. as applicable and enforced from time to time. Any violation for not following the labour laws shall be contractor's sole responsibility.
- j) It shall be the contractor's obligations to comply with all applicable statutory requirements including in particular, relating to Minimum Wages and the Dearness Allowance and emoluments payable to the employees. It shall be the contractor's responsibility to furnish each month, a certificate confirming to due compliance of all statutory requirements shall be submitted.
- k) Any statutory increase in the Minimum Wages, increase in material cost etc. will be payable / recoverable accordingly.
- l) Worker shall be provided with all safety gears for works. Electrician / DG operator / lift operator shall have rubber gloves, proper boots for all workers as per weather, woolens, rain coat, safety gear / harness if working at height. All precautions shall be taken before starting of any work.

24. **PROCEDURE FOR SUBMISSION OF TENDERS:**

The following procedure shall be adopted for submission and opening of tenders. The sealed envelope SUPERSCRIBED tender for "Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi.

ENVELOPE NO.- 1 : This envelope shall contain only the earnest money deposit & documents **(Technical bid)** related to eligibility criterion and will be opened first. No loose document to be kept in envelope. All documents to be spiral bounded or stapled and page numbered as one file except original EMD. The university will not take any responsibility for loose sheets and will not be considered them as well.

ENVELOPE NO.- 2 : This sealed envelope shall contain only the abstract of financial bid along with all **(Financial bid)** SOQ's (A-C) & rates quoted for market rate spare items (SOQ D & E). This envelope shall be opened only after opening of Envelope-1 in which the EMD and eligibility criterion are found in order as per the requirements of SAU. No loose document to be kept in envelope. All documents to be stapled as one file.

Envelope 1 & 2 shall be put in a large envelope duly sealed which shall be opened on the prescribed date and time in the presence of bidders or their authorized representatives who may wish to be present. The intimation of opening of envelope-2 shall be made through e-mail mentioned in the documents. Bidder is requested to keep a check on the mail and SAU website until the finalization of tender.

25-24.
B/E/EC/1

Criterion to decide the L-1

- a) The lowest bidder will be decided on the basis of sum of amount quoted by the bidder under Schedule A, B & C. The bidders are requested to fill the quote accordingly in the Abstract of Financial Bid (page no: 21) as "Abstract of Financial Bids".
- b) The quantity of every item in SOQ-D & SOQ-E will be considered as '1' (one) and the total of all the items at the bottom of the sheet will be carried over to the sheet named as "Abstract of Financial Bids". However it shall not be considered for deciding L-1.
- c) The rates quoted in SOQ-D & SOQ-E are subject to negotiations with L-1 bidder only. The decision of SAU in this regard will be final & binding.

Contractor
SOUTH ASIAN UNIVERSITY

Executive Engineer (Civil)



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GENERAL INFORMATION

- 1 Accepting Authority: President SAU, New Delhi.
- 2 Earnest money: Rs.170,000.00 (Rupees One Lac Seventy Thousand Only) to be furnished with the tender in the form of the demand draft (No interest is payable on earnest deposit)
- 3 Security deposit: The security deposit will be collected by deductions from the running bills of the contractors at the 5% of the amount payable.
- 4 Authority competent to grant extension of time of contract: President SAU or his / her authorized representative.
- 5 All Tools & plants: To be arranged by contractor
- 6 Schedule of Minimum wages: As per notification issued by Govt. of NCT Delhi issued from time to time.
- 7 Authority competent to reduce the compensation amount: President SAU or his / her authorized representative
- 8 Release of Security Deposit: The security shall be refunded to the contractor after completion of the work.
- 9 Release of Performance security: The Performance security shall be refunded to the contractor after two months of completion of the work.
- 10 Authority to issue instructions to work at site Executive Engineer (Civil), or his / her authorized representative
10. Authority Competent to Appoint Arbitrator: The President, SAU
- 11 Time allowed for execution of work 12 Months (One year) (extendable at the discretion of SAU) purely on the basis of the performance of the agency.
- 12 Periodicity of submission Of interim Bills: Once in month.
13. Likely period for honoring running bill after proper submission 21 days
- 14 Defect Liability Period Two months from the expiry of contract.

Contractor


Executive Engineer (Civil)



WORK CONDITIONS

1. The bidder must visit site of execution and assess quantum of work before quoting the rates.
2. All required tools such as Test lamps, Spanners, cutting pliers, screw drivers, grease gun, hammer drill machine, blower, other T&P like multi-meter, Tong-tester, Meggar, earth Tester, plaas, wrench, hammer, chenni, spanners set, silicon & silicon gun etc., required for the proper maintenance of the civil & electrical installation shall be arranged by the contractor and present all the times at the SAU campus.
3. Nut bolts, rawl plugs, screws, PVC gitti, thread, safeda, adhesives, M-seal etc shall also be arranged for the purpose and nothing extra shall be payable for these sundry items.
4. The contractor is responsible for the upkeep of the civil, electrical installations in perfect working condition, carrying out routine check-ups and to attend any breakdown immediately of the building and its premises.
5. A properly binded job slip booklet for each month shall be got printed by the contractor for recording of all the complaints attended. The complaint system of the university is also functional electronically i.e through computer. If required, agency has to arrange a computer system (desktop / laptop) for tracking & resolution of complaints etc.
6. It is the duty of contractor to inform the Department well in advance about the requirement of any spares (left out from the list of spares), consumables items necessary for satisfactory & timely maintenance.
7. Any additions or alterations in the inventory of the SAU shall have no bearing and shall form no basis for revision of rates. Nothing extra in this regard shall be payable.
8. The quantities are approximate and may vary to any extent and no claim whatsoever will be entertained on this account.
9. The university will provide space for storing material, T&P & suitable accommodation and sitting space for labour and supervisor free of cost. The university is providing one telephone extension without outgoing facility free of cost to receive various maintenance related complaints
10. The attendance of the staff shall be marked on biometric system for which the infrastructure i.e machine or computer system is to be provided & maintained by the contractor at his own cost. The attendance sheet shall be submitted along with invoice for release of payment.
11. Contractor would be bound to execute such additional items, which can be termed as logical, essential and necessary (even though they are not listed in schedule of work) for the effective execution of the work in totality.
12. The rates quoted shall be firm and hold good throughout the contract period. The contract shall be placed initially for one-year period, which may be extended on mutual agreement depending upon satisfactory performance of the contractor and as quoted in the abstract of Financial Bid.
13. The contractor is bound to continue doing the work until handing / taking over of the work / installations is not done properly. SAU reserves all the rights to forfeit all security and manage the works at the risk & cost of contractor, if the contractor removes its work force from site.
14. The contractor shall be responsible for any damage caused to any civil, electrical equipment, fitting of building of SAU due to the negligence of the staff. The same shall be made good by the contractor at his cost. In this case, the decision of the University shall be final & binding to the contractor.



15. All instruments / tools as & when required for testing, checking, measuring, etc., shall be arranged by the contractor in addition to day to day maintenance items.
16. All the dismantled materials shall be taken into account and a separate register shall be maintained, which shall be certified by university authorities or authorized representatives on monthly basis. The bidder will be responsible for watch & ward of dismantled material till it gets handed over to SAU after completion of work.
17. Work is to be carried out as per the latest CPWD specifications for civil, electrical & lifts and to the satisfaction of the university.
18. SAU reserves the right to terminate the contract any time by giving 01-month notice at the discretion of President. The contractor may withdraw his services by giving at least three months notice to the university.
19. Preventive routine maintenance of the civil & electrical systems should be carried out to avoid breakdown under intimation to the university and proper record be kept for the same.
20. The engaged staff shall be qualified and fully conversant with the operation and maintenance of civil & electrical installations. The staff shall have following minimum qualification and experience:

Supervisor (Electrical)	ITI holder with 10 years or Diploma with 3 years experience in Electrical trade in handling facility management activities and book keeping, maintaining records, computer literate.
Electrician	ITI certificate in Electrical trade with three years of experience or valid wireman's license issued by Electrical Inspector or higher qualification
DG Set operator	ITI certificate in Electrical / Mechanical trade with three years of experience or valid wireman's license issued by Electrical Inspector with 5 years of experience or higher qualification
Plumber	Experienced plumber in similar trade.
Carpenter	Experienced carpenter in similar trade.
Lift operator	ITI certificate in Electrical / Mechanical trade with Five years of experience or valid wireman's license issued by Electrical Inspector or higher qualification
Helpers	well conversant with the trade minimum 10 th pass.
Sewer-man	well conversant with the trade.

21. The manpower shall be deployed as detailed below. The shift timing may vary for single shift manpower as per university requirements.

SI No	Manpower	Qty	Shifts per day	Total manpower per day
1	Supervisor (Electrical)	1	1	1
2	Electrician	1	3	3
3	Helper to Electrician	1	3	3
4	DG Set operator	1	1	1
5	Helper to DG operator	1	1	1
6	Plumber	1	3	3
7	Lift operator	1	3	3
8	Helper	1	1	1
9	Carpenter	1	1	1
10	Sewer-man	1	1	1
11	Helper	1	1	1

22. In case of non-availability / absence of staff, penalty as mentioned below on and above prevailing minimum wage rate including contractors profit will be made.



a. Supervisor	:	Rs. 1000.00 per shift
b. DG operator / Electrician / Lift operator	:	Rs. 800.00 per shift
c. Plumber / Carpenter / Mason / Painter	:	Rs. 800.00 per shift
d. Helper / Sewer men	:	Rs. 700.00 per shift

23. In case of any type of breakdown in the services, the same shall be restored even if extra deployment of manpower is required at the contractor's cost.
24. Recovery: Major and urgent power / water supply complaints should be attended immediately. If not attended, a penalty @ Rs.1000.00 /- per day per complaint shall be levied. All other complaints shall be attended as early as possible.
25. No staff shall leave his duty unless relieved by his reliever. University authorities reserves the right to detain the staff for duty in the next shift if the reliever fails to turn up. Nothing is payable to agency in case if any person does overtime/ double duty / stay back in the absence of reliever or otherwise.
26. If any worker engaged, is found to be not suitable for the position, the contractor has to remove the person from the site immediately and provide a suitable substitute. The decision of Executive Engineer in this regard shall be final and binding on the contractor.
27. The contractor shall be responsible for maintaining office decorum and good behavior and character of the staff engaged by him.
28. SAU shall in no way be involved in any dispute of whatever kind between the contractor and the staff engaged by him.
29. The university will provide tables and chairs / stools for the staff engaged by him in the space provided by SAU. However, the storage facility for spare parts etc. shall be arranged by the contractor. The set-up of the contractor will be in the shape of an enquiry office working on 24x7 basis. The contractor shall provide one mobile number and all the time functional mobile / cell phone at site. A steel display plate clearly indicating emergency telephone numbers shall be provided by contractor in all lifts free of cost.
30. In case of routine off / leave of any staff, a substitute has to be arranged by the contractor who has got the required qualification and adequate experience. The staff will attend the duty on all days including Saturdays, Sundays & Holidays on 24 x 7 basis. Where attendance of the personnel is found to be deficient, as given in clause 23 necessary deductions for such deficient manpower will be made through contractor's bill. It will be compulsory to give minimum 4 days OFF to any personnel which may vary according to need of the work.
31. The contractor shall be solely responsible for the safety & security of the persons to be so deployed by him, resident and others by preventive maintenance to safeguard the University. Any loss due to poor maintenance of electrical, plumbing etc. shall have to be made good by the Contractor.
32. The tender bid must be accompanied with EMD of Rs.1.70 lacs. The EMD shall be in the form of DD of scheduled bank drawn in favour of South Asian University, New Delhi. The EMD will be refunded to Unsuccessful bidders after the completion of the tender process.
33. A security deposit @5% shall be deducted from each running account bill. The EMD of successful bidder shall be refunded after submission of proper performance security.
34. The works in Schedule of Quantities 'B' are the works which will be done on requirement basis i.e need based. If required university will get the works done by placing small / petty work orders based on the rates quoted in financial bids to the maximum extent of estimated amounts mentioned. These petty works will have to be done by the agencies within given period otherwise a penalty @ 1% per day subject to 10% of the maximum estimated amount shall be deducted from the bill. The work may be got done at the risk & cost of the contractor if not started in time. This limit may be relaxed and amount



may be revised by President SAU, if necessary only. Contractor is bound to execute such increase in scope of work.

35. The stock register of commonly used items (Civil & Electrical) shall be maintained with minimum / maximum stock availability by the agency & the same shall be got signed every fortnightly by SAU representative.



Executive Engineer (Civil) ✓

Name of Agency >>

Registered Address >>

SCOPE OF WORK

1. Complete maintenance of internal Civil & Electrical installations including lift operation Plumbing & sewer lines various Distribution boards, switchboards, LT panels and operation of lifts, DG set.
2. The staff attending complaints shall go with the complaint book and get it signed from the reporting person for having attended the complaint to his satisfaction.
3. **PASSENGER LIFTS (2nos: one side & 4 nos: another side)**
 - (i) The lift car shall be swept and cleaned daily. Following daily checks shall be performed and recorded in the log book maintained for the lifts:-
 - a). Landing Locks:
 - (i) Movement of car with gate open
 - (ii) Try to open the gate when car is not landing.
 - b). Car gate switch:
 - (i) Movement of car with gate open
 - (ii) Open the gate while car is moving
 - c). Door operation safety: Functioning of emergency stop button, car bell, and car lights etc.
 - (i) The lift operators engaged by contractor must be conversant with the safety devices relating to the lifts. **The major responsibility of the operator includes rescuing the passengers in case of emergency.** In addition, if any problem is noticed in the lifts, the same shall be reported to university immediately for getting the same repaired from manufacturer.
 - (ii) Lift log book shall be provided & maintained by the contractor with details like ARD functioning, emergency lights, car buttons, intercom, hooter, door sensor, etc.
 - (iii) The lifts shall be tested for ARD & Phase corrector twice a week. A record shall be maintained by the agency in this regard.
4. **380 KVA DIESEL GENERATOR SET**
 - (i) General cleaning of the area & DG set and its associated panels etc
 - (ii) Grease, battery water to be provided free of cost.
 - (iii) Checking of all the parts of DG set including fuel pipeline.
 - (iv) Immediately informing SAU for any unwanted noise / activity in generator & nearby area.
 - (v) Generator log book shall be provided & maintained by the contractor with details like oil level, lube oil level, any leakage in fuel line, battery voltage, ECP connections, any abnormal sound, car cleanliness, car buttons etc.
 - (vi) Checking of automatic change over switches & its components and other related panels etc on weekly basis.
 - (vii) The main equipments / panels of the installation are automatic changeover switches of 160A, 250A & 200A (5 nos:) & its internal components. The DG set AMF panel with I/C of 630A, busbar, outgoing MCCB's, relays, different type of measuring meters, day oil tank, exhaust piping, fuel piping, power & control cabling etc complete.
5. **Plumbing Complaints:**
 - a) Complaints like repairing & fixing new taps, stop cocks, pillar taps, connector, bottle traps, ball cocks, float valves, etc. shall be attended within 1 day.
 - b) Contractor shall be responsible for daily checking of water levels in underground tank, water supply made available by NDMC etc and inform SAU if water level is less or any such situation is expected. A record has to be kept for the same especially in summer. A Proper measuring instrument be arranged by the contractor for monitoring & recording of levels.
 - c) Contractor has to dewater the swimming pool by arranging pump of minimum 2hp along with its starter panel, flexible pipe (upto 100 mtr in length) etc so as to avoid any mosquito breeding in it during rainy season. Contractor is also required to arrange to transfer water from one underground tank to another nearby underground tank, in case of problems in municipality water supply. Nothing extra shall be payable in this regard.

- d) If there is any trouble in the pump sets which are operated by CPWD maintenance staff, the information has to be given to SAU for necessary rectification calls.
6. **Sanitary Complaints:**
- a) Any chokes inside the building (in wash basin, sinks, toilet block, bathrooms, service flow & manholes etc.) are needed to be removed immediately. This includes clearing and cleaning all sorts of choke ups in pipe line, valves, gully traps, chambers, drain lines etc.
 - b) Attending minor and major repairs in plumbing work, sanitary work.
 - c) The regular cleaning of all manholes, sewer lines drainage lines, canteen grit chambers shall be cleaned every fortnight. Required safety precautions are to be taken while taking up any cleaning activity.
 - d) The Contractor shall depute required number of Plumbers, Helpers and Sewermen to ensure smooth operation and maintenance of water supply, sanitary, plumbing and drainage installations as per requirement. In case additional hands are required for liquidating pending complaints and/or for preventive maintenance work additional manpower as necessary will be deployed by the Contractor without any extra cost.
7. The following registers are to be maintained by the contractor. The registers are to be provided by the contractor and nothing extra will be paid.
- a) Attendance Register of all the staff (in addition to biometric)
 - b) Complaint Register of routine complaints
 - c) Material Issue Register for day-to-day maintenance
 - d) Dismantled material account register
 - e) DG set log book
 - f) Lifts log book
 - g) Any other as directed by SAU.
8. The material required for replacement shall be supplied by the agency as per basic rates given in CPWD DSR for civil and electrical works or market rates in the list of spares wherever DSR rates are not available. (Please refer SOQ C,D & E)
9. In addition to the above, any other related duties assigned by the university shall be carried out by the contractor without any extra cost.
10. Any urgent / immediate work allotted by university to restore the services or otherwise has to be attended by the agency immediately. The rates shall be finalized during / after completion of work. The rates finalized by the SAU in this regard shall be final & binding on the contractor which will be calculated as per DSR (as quoted) or current market rates.
11. Repairs of water geysers, heat blowers, fans is included in the tender and the agency has to submit the rates in tender in list of spares. Nothing is payable in this regard except rates quoted.
12. A minimum justified stock of all the fast consuming items like 5.5mm glass panes shall be kept in the premises all the times & shall be recouped well within they go out of stock. The cost of material shall be borne by SAU.
13. The Contractor shall make arrangement to receive complaint round the clock at a designated place to be decided by the University. The Contractor shall ensure attending the emergency/routine complaints with in the specified time frame limit given below.
14. The Contractor shall provide complete test and tool kits such as screw driver set , pliers, hammer, chisel, drilling machine, hacksaw, screw wrench, pipe wrench etc. for the staff detailed for duty. The Contractor shall also provide sufficient number of ladders upto the height of 30 feet, torchlight's, Bamboo khapachi / extensible steel rod and other declogging equipments shall be made available at



all times for removal of any type choking at any location. The above tools and testing equipments shall be made available by the Contractor for inspection by the representative of SAU at all time during the contract period. The cost of these are deemed to be included in the bidders quote & nothing extra shall be paid.

15. The Contractor shall arrange and make available at site all the tools and plant as mentioned above within one week from the date of commencement of work.
16. SAU reserves its right to recover from periodical payments to be made to the Contractor, any loss or damage that may be caused to the plant , equipment , machinery, building or any other property of SAU by negligence or any other reason whatsoever by the Contractor. The decision of SAU as regard the amount to be recovered shall rest with SAU.
17. Since the operation and maintenance of the water supply, sanitary, drainage and plumbing installations shall be carried out round the clock on all the days of the year, the contractor has to position his staff accordingly so that there is no interruption in the work after the contractor ensures that he does not violate any of the labour laws as prevailing from time to time.
18. The deployment, rostering, attendance monitoring, granting of leave, maintenance of discipline, of the staff deployed by the Contractor pursuant to this contract shall be sole responsibility of the Contractor.
19. The Contractor shall inform SAU at least one week in advance about any change in the persons who are to be deployed at site and their shift of work.
20. The Staff will be entirely under the control and supervision of the Contractor including their performance and discipline. However, if any Staff is removed or changed by the Contractor, the intimation along with relevant details thereof shall be given to SAU before deployment so that the security pass of the terminated staff is taken back and a new one provided to the newly engaged staff.
21. The Contractor's Engineer shall visit the work site on weekly basis to monitor the work and his staff to ensure smooth execution of maintenance work.
22. Water shall be issued free of cost for execution of work and for drinking purpose labours and staff. No recovery shall be made on this account.
23. The contractor has to vacate and hand over the godown, storage space, if any provided by SAU, immediately after completion of the term contract.
24. For transportation of material, tools and labour for working at various office premises at Akbar Bhawan New Delhi. The contractor will not be paid anything extra for this account.
25. The contractor shall adhere to the Rules, regulations and instructions given by SAU from time to time.

Executive Engineer (Civil)



UNDERTAKING

Should this tender be accepted, in whole or in part I/We hereby agree to abide by and fulfill all the terms & provisions of the conditions of tender as applicable or in default there of a sum of for Rs.1.60 Lacs (Rupees One Lac Sixty Thousand Only) deposited by me/us as earnest money in favour of South Asian University, New Delhi, shall stand absolutely forfeited to SAU.

I/We agree:

- (i) that should I/We fail to commence the work specified in the above mentioned Memorandum the SAU without prejudice to any other right or remedy shall be at liberty to forfeit the earnest money. Otherwise the said earnest money shall be retained and adjusted towards security deposit mentioned in the above Memorandum
- (ii) to execute all the works referred to in the tender documents upon the terms and conditions contained or referred to therein.

The names and postal addresses and contract phone nos. of our representative(s) authorized to deal with this tender are:

1)

2)

3)

Dated the _____ day of _____ 2018

Signature of BIDDER (with the official stamp)



FINANCIAL BID

General Maintenance (Civil & Electrical) of Akbar Bhawan

Name of work: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi

Name of Agency:

.....

.....



Executive Engineer (Civil) ✓

Last date for issue of tenders : 30 August 2018 up to 11.00AM.
Last date/Time of submission : On or before 31 August 2018 by 3.00 pm
Date/Time of opening of technical bid : 31 August 2018 at 3.30 pm



BANK



ABSTRACT OF FINANCIAL BIDS

Name of work: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi

Please note following before filling:

- 1 Please write percentage figures upto two decimal places.
- 2 If want to quote above / at par / below, then write "XX.YY % above" , "AT PAR" OR "XX.YY% below"
- 3 If any wrong claculation is found in the amount calculated then percentage figure will be considered and amount calculated accordingly.
- 4 The percntage must be in figures & words both. In case of mismatch the text written in words shall prevail.
- 5 Cutting or over writing should be avoided.

Sl No	Description of Subhead	Estimated cost	% above / at par / below estimate		TOTAL AMOUNT In figure
			in Figures	In words	
1	Schedule of Quantities 'A'	5761032			
2	Schedule of Quantities 'B'	467500			
3	Schedule of Quantities 'C'	178922			
	Total	6407453			
Grand Total for deciding L-1 →					
4	Schedule of Quantities 'D'	Total amount brought forward from SOQ D			
5	Schedule of Quantities 'E'	Total amount brought forward from SOQ E			
		Total →			

Applicable Taxes

- 1 The above quoted rates should be without taxes.
- 2 The bidder shall furnish the details of all applicable taxes separately.

Note: The bidder should note para 25 of instruction to bidder for criterion to decide L1.

Date:

Signature & Seal of Bidder

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SCHEDULE OF QUANTITIES (A)

Name of work: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi

Sl. no.	DESCRIPTION OF ITEM	QTY	UNIT	RATE (Rs.)	AMOUNT (Rs.)
1	Round the clock (24 x 7) maintenance & operation of civil (including plumbing) & electrical infrastructure from the lower basement upto 8th floor of Akbar Bhawan for South Asian University New Delhi by providing the following manpower.				
	The contractor has to engage the following minimum man power.				
	supervisor Electrical (1 shift)				
	Electrician round the clock (3 shifts)				
	Helper to Electrician round the clock (3 shifts)				
	DG Set Operator round the clock (1 shift)				
	Helper to DG Set operator round the clock (1 shift)				
	Plumber round the clock (3 shifts)				
	Lift Operator round the clock (3 shifts)				
	Helper (1shift)				
	Carpenter (1shift)				
	Sewermen (1 shift)				
	Helper (1 shift)				
		12months	Per Month	480086	5761032

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SCHEDULE OF QUANTITIES (B)

Name of work: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi

S.no	Schedule of rates	Approximate Value of work in Rs
1	Execution of maintenance related items / works including material & labour for all works as per	
a	CPWD DSR 2016 for CIVIL WORKS	330000
b	CPWD DSR 2016 for ELECTRICAL WORKS	137500
	Total	467500
NOTES:		
1	The miscellaneous minor repair / maintenance works of South Asian University shall be assigned to the agency from time to time as per actual requirement. The agency will deploy separate team for execution of work. No labour / work force under SOQ-A shall be deployed for these works.	
2	The bidder had to quote percentage Above / At Par / Below for SOQ-B	

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SCHEDULE OF QUANTITIES (C)

Name of work: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi

S.no	Schedule of rates	Approximate Value of work in Rs
1	Supplying of material for day to day maintenance for SAU at Akbar Bhawan, Chankyapuri	
a	On basic rate of all items in CPWD DSR 2016 (Civil items)	113003
b	On basic rate of all items in CPWD DSR 2016 (Electrical items)	65919
	Total	178922
	NOTE	
1	The bidder has to quote percentage Above / At Par / Below for SOQ-C.	

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SCHEDULE OF QUANTITIES 'D'

LIST OF SPARES CIVIL ITEMS (MARKET)

Sub: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi

SI No:	Items	Unit	Make	Rate without TAX
A	Supplying of following Items related to civil works at SAU Campus Akbar Bhawan, Chankyapuri New Delhi on actual requirement basis			
1	jet spray handle	Each	ISI	
2	flush handle	Each	ISI	
3	jet spray	Each	ISI	
4	tap face	Each	ISI	
5	GI pipe Fittings: Elbow / bend, Tee, socket, coupler, reducer			
	15mm	Each	ISI	
	20mm	Each	ISI	
	25mm	Each	ISI	
	32mm	Each	ISI	
	40mm	Each	ISI	
	50mm	Each	ISI	
6	PVC pipe Fittings: Elbow / bend, Tee, socket, coupler, reducer			
	32 mm	Each	ISI	
	40 mm	Each	ISI	
	50 mm	Each	ISI	
	75 mm	Each	ISI	
	100 mm	Each	ISI	
	150 mm	Each	ISI	
7	PVC pipe			



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SI No:	Items	Unit	Make	Rate without TAX
	32 mm	mtr	ISI	
	40 mm	mtr	ISI	
	50 mm	mtr	ISI	
	75 mm	mtr	ISI	
	100 mm	mtr	ISI	
	150 mm	mtr	ISI	
8	GI Nipple upto 6" length	15m	Each	ISI
	20mm	Each	ISI	
	25mm	Each	ISI	
	32mm	Each	ISI	
	40mm	Each	ISI	
	50mm	Each	ISI	
9	1/2" Gate Valve GI		Each	ISI
10	3/4" Gate Valve GI		Each	ISI
11	1" Gate Valve GI		Each	ISI
12	1-1/4" Gate Valve GI		Each	ISI
13	Door Plate 4"		Each	ISI
14	Angle valve 1/2" PTMT		Each	ISI
15	Angle valve (3/4") PTMT		Each	ISI
16	Extension nipple 2" (1/2" dia)		Each	ISI
17	CP Flush Valve 1-1/4"		Each	ISI
18	PVC long bend 1-1/4"		Each	ISI
19	PVC connection 900mm		Each	ISI



SI No:	Items	Unit	Make	Rate without TAX
20	Single Syphon set	Each	ISI	
21	Double Syphon set	Each	ISI	
22	Waste jali	Each	ISI	
23	Hand pressure set	Each	ISI	
24	Flush Tank / cistern	Each	ISI	
25	SS geyser connection 300mm (apprx) with necessary adapters	Each	ISI	
26	SS geyser connection 450mm (apprx) with necessary adapters	Each	ISI	
27	Angle valve (3/4") PTMT	Each	ISI	
28	Extension nipple 2" (1/2" dia)	Each	ISI	
29	CP Flush Valve 1-1/4"	Each	ISI	
30	PVC long bend 1-1/4"	Each	ISI	
31	PVC connection 900mm	Each	ISI	
32	Single Syphon set	Each	ISI	
33	Double Syphon set	Each	ISI	
34	Waste jali	Each	ISI	
35	Hand pressure set	Each	ISI	
36	Flush Tank / cistern	Each	ISI	
37	SS geyser connection 300mm (apprx) with necessary adapters	Each	ISI	
38	SS geyser connection 450mm (apprx) with necessary adapters	Each	ISI	
		TOTAL 'D'		
NOTE				
The bidder has to quote his / her rate for each item above & the total amount thus arrived to be carried out to abstract				

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SCHEDULE OF QUANTITIES 'E'

LIST OF SPARES ELECTRICAL ITEMS (MARKET)

Sub: Round the clock (24 x 7) maintenance & operation of civil & electrical infrastructure from the lower basement up to 8th floor including operation of lifts, 380 KVA DG set in Akbar Bhawan for South Asian University New Delhi

SI No:	Item description	Preferred make	Unit	Rate without TAX
A	Supplying of following Items related to electrical works at SAU Campus Akbar Bhawan, Chankyapuri New Delhi on actual requirement basis			
1	Starter	ISI	each	
2	Capacitor 2.5 to 5 MFD	ISI	each	
3	14 Watt T-5 tube	CG / PHILIPS / OSRAM	each	
4	14 Watt T-5 fitting	CG / PHILIPS / OSRAM	each	
5	18 Watt Tube Light	CG / PHILIPS / OSRAM	each	
6	18 Watt electronic Choke	CG / PHILIPS / OSRAM	each	
7	18 Watt CFL 2 pin	CG / PHILIPS / OSRAM	each	
8	18 Watt CFL 4 pin	CG / PHILIPS / OSRAM	each	
9	18 Watt fitting with choke	CG / PHILIPS / OSRAM	each	
10	28 Watt T-5 tube	CG / PHILIPS / OSRAM	each	
11	28 Watt T-5 choke	CG / PHILIPS / OSRAM	each	
12	36 Watt Tube light	CG / PHILIPS / OSRAM	each	
13	36 Watt Electronic Choke (1x36)	CG / PHILIPS / OSRAM	each	
14	36 Watt Electronic Choke (2x36)	CG / PHILIPS / OSRAM	each	
15	36Watt CFL 4pin	CG / PHILIPS / OSRAM	each	
16	36 Watt normal choke	CG / PHILIPS / OSRAM	each	
17	36 Watt fitting with choke	CG / PHILIPS / OSRAM	each	
18	150 Watt mercury lamp	CG / PHILIPS	each	
19	150 Watt choke / ignitor integrated unit for mercury lamp	CG / PHILIPS	each	
20	CFL Lamp of any type 15 Watt to 25W	CG / PHILIPS	each	



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SI No:	Item description	Preferred make	Unit	Rate without TAX
21	CFL Lamp of any type 8 W to 15 Watt	CG / PHILIPS	each	
22	Spot Light Lamp 60W for photo gallery	CG / PHILIPS	each	
23	LED Complete flood Light Fitting 30W to 40W	Jupiter / Diamond or higher	each	
24	LED Complete flood Light Fitting 50W to 70W	Jupiter / Diamond or higher	each	
25	LED Complete street Light Fitting 50W	Jupiter / Diamond or higher	each	
26	LED Complete street Light Fitting 70W	Jupiter / Diamond or higher	each	
27	Ceiling fan 1400mm sweep, 3 blade with approx specificaion like 300rpm, 270CMM, superior ball bearing, 2 Year Warranty	Havells / CG	each	
28	Exhaust fan 300mm double ball bearing, with approx specificaion like heavy duty motor, bird guard, metal body, 1300rpm, 1850cmh	Havells / CG	each	
29	Wall fan 400mm sweep with approx specificaion like 1350rpm, 72CMM, 55 watt	Havells / CG	each	
30	3 Blade Pedestal Fan Size: 16 Inch with approx specificaion like Switch Box Sweep: 400 MM Power Input: 55 W Speed: 1350 RPM Air Delivery: 72 CMM, plastic body,	Havells / CG	each	
31	8" Plastic ventilator fan with louver	Havells / CG	each	
32	Extension Board 5A (minimum 3 socket & 1 switch, 2mtr wire)	ISI mark	each	
33	Extension Board 15A (minimum 3 socket & 1 switch, 2mtr wire)	ISI mark	each	
34	Metal Batton / Channel 1/2 inch	ISI mark	RM	
35	Metal Batton / Channel 3/4 inch	ISI mark	RM	
36	Metal Batton / Channel 1 inch	ISI mark	RM	
37	Metal Batton / Channel 2 inch	ISI mark	RM	
38	32 Amp modular DP switch	Havells / HPL	each	
39	32 Amp modular DP socket	Havells / HPL	each	
40	20 Amp modular switch or socket	Havells / HPL	each	
41	32A DP MCB	Havells / HPL	each	

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SI No:	Item description	Preferred make	Unit	Rate without TAX
42	63A SP MCB	Havells / HPL	each	
43	63A DP MCB	Havells / HPL	each	
44	63A TP MCB	Havells / HPL	each	
45	63A TPN MCB	Havells / HPL	each	
46	100 A 4 pole MCCB 25KA	Havells / HPL	each	
47	100 A 3 pole MCCB 25KA	Havells / HPL	each	
48	250 A 4 pole MCCB 25KA	Havells / HPL	each	
49	250 A 3 pole MCCB 25KA	Havells / HPL	each	
50	400A 3 pole MCCB 35KA	Havells / HPL	each	
51	63 A 4 pole ELCB 30mA	Havells / HPL	each	
52	MS enamel painted box suitable for DP/TP/FP MCB	ISI	each	
53	MS enamel painted box suitable for TP/FP MCCB	ISI	each	
54	16 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
55	25 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
56	35 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
57	50 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
58	70 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
59	95 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
60	120 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
61	150 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
62	185 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
63	240 sqmm copper thimble pin / plate / bottle	Dowell / action	each	
64	15 A plug top	ANCHOR / HPL	each	
65	5 A plug top	ANCHOR / HPL	each	



SI No:	Item description	Preferred make	Unit	Rate without TAX
66	Fan regulator 1M	ANCHOR / HPL	each	
67	5 / 15 A combined switch socket outlet	ANCHOR / HPL	each	
68	Modular plate 2 module	ANCHOR / HPL	each	
69	Modular plate 3 module	ANCHOR / HPL	each	
70	Modular plate 4 module	ANCHOR / HPL	each	
71	Modular plate 6 module	ANCHOR / HPL	each	
72	PVC box 2 module suitable for modular accessories	ANCHOR / HPL	each	
73	PVC box 3 module suitable for modular accessories	ANCHOR / HPL	each	
74	PVC box 4 module suitable for modular accessories	ANCHOR / HPL	each	
75	PVC box 6 module suitable for modular accessories	ANCHOR / HPL	each	
76	Tube Holder for any fitting	good quality	set	
77	Bulb holder	good quality	each	
78	Hylam / Bakelite sheet (Minimum 2mm thick, basic in nature & white in colour)	good quality	sq inch	
79	3 core 2.5sqmm copper conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
80	3 core 4 sqmm copper conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
81	3 core 6 sqmm copper conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
82	3 core 10 sqmm copper conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
83	4 core 6 sqmm aluminium conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
84	4 core 10 sqmm aluminium conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
85	4 core 16 sqmm aluminium conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
86	4 core 25 sqmm aluminium conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
87	3.5 core 35 sqmm aluminium conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
88	Repair of Ceiling Fans in SAU			
	re-winding		each	



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SI No:	Item description	Preferred make	Unit	Rate without TAX
	set of bearing		each	
	any other part or mechanism		job	
89	Repair of Pedestal Fans in SAU			
	re-winding		each	
	set of bearing		each	
	any other part or mechanism		job	
90	Repair of Wall Mounted Fans in SAU			
	re-winding		each	
	set of bearing		each	
	any other part or mechanism		job	
91	Repair of Exhaust Fans in SAU			
	re-winding		each	
	set of bearing		each	
	any other part or mechanism		job	
92	Repair of heaters / blowers in SAU			
	coil change		each	
	fan repair		each	
	any other part or mechanism		job	
93	Repair of water heaters / geysers in SAU			
	Thermostat		each	
	Heavy duty Water tank		each	
	any other part or mechanism		job	
94	4 ft long LED surface batton light fitting apprx 18Watt or next higher (cool white)	Syska / Philips / CG	Each	
95	LED panel surface light rectangle / circular light fitting apprx 6Watt or next higher (cool	Syska / Philips / CG	Each	
96	3.5 core 95 sqmm aluminium conductor armoured cable	HPL / RR Kable / Polycab / KEI	RM	
97	4 pole minimum 400A Bus bar in metal enclosure box	good quality ISI	Each	



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SI No:	Item description	Preferred make	Unit	Rate without TAX
98	4 pole 200 to 250A Bus bar in metal enclosure box	good quality ISI	Each	
99	4 pole 200 to 250A changeover box, side lever in metal enclosure box	good quality ISI	Each	
100	25 Ltr storage type water heater / geyser, heavy duty body & storage tank , energy efficient with indications	Bajaj / Cromton / Havells	Each	
		TOTAL 'E'		
NOTE				
The bidder has to quote his / her rate for each item above & the total amount thus arrived to be carried out to abstract				

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