



NOTICE INVITING TENDER
GROUP CENTRE, RANGA REDDY, CENTRAL RESERVE POLICE FORCE
Post - NISA Hakimpet, Distt- Medchal, Secunderabad (TELANGANA) PIN -500 078
Tele:040- 29701629, Fax: 040-29701629

No. B.V-5/2022-23-GC RRY-Bldg (ACMC)

Dated, the

31 January'2023

The DIGP, Group Center, CRPF, Ranga Reddy Hakimpet , Secunderabad, Telangana-500078 for and on behalf of President of India invites online tenders through CPP Portal (<https://eprocure.gov.in>) under two bid system (e-tender), from registered/approved and eligible contractors /Agencies of CPWD, State PWDs and MES for Annual running operation & maintenance contract of sewage treatment plant of 1000 KLD capacity at GC CRPF, Rangareddy.

S. No	Name of tender	Estimated Cost (Rs)	Earnest Money (Rs)	Document download/ clarification start/ sale	Bid submission start date	Document download/sale end date	Bid opening date	Time of completion of work
01	Annual running operation & maintenance contract of sewage treatment plant of 1000 KLD capacity at GC CRPF, Rangareddy	Rs 48,09,685/-	Rs 96,194/-	03-02-2023 09 00 Hrs	03-02-2023 09 30 Hrs	17-02-2023 16 00 Hrs	18-02-2023 16 30 Hrs	12 months

Sd/-31/01/2023

DIGP, GC, CRPF, Ranga Reddy
For and on behalf of President of India

1. Intending tenderers are advised to go through the earnest money , payment terms and all other clauses of this e-tender enquiry carefully before filing and submitting through e – procurement site <https://eprocure.gov.in/eprocure/cpp> portal failing which the tender will be liable to be ignored and not considered.
2. All the tender documents attached with this invitation to tender, including the specifications are sacrosanct for considering any offer as complete offer. It is therefore important that each page of the tender documents duly completed, signed and submitted through Online and e-procurement site i.e <https://eprocure.gov.in/eprocure/cpp>.
3. Tenders (Technical bid) will be opened in the presence of tenderers (If they are available/present at the given place and time) on **18 -02-2023** at **16 30** hrs at O/O DIGP, Group Centre, CRPF, Ranga Reddy and Financial bid (Price bid) will be opened on suitable date fixed by Chairman of TPC.
4. Tenderers are requested to submit tender documents well before the date of opening of tender to avoid last minute rush. In case date of opening of tender happens to be a closed holiday, the tenders will be opened on next working day at the stipulated time.
5. Bidder should deposit earnest money along with their Tender. Earnest money should be in the form of Fixed Deposit Receipt, Bankers Cheque or Bank Guarantee from any of the commercial Banks in an acceptable form drawn in favour of DIGP, Group Centre, CRPF Ranga Reddy.
6. The tender document consists of specifications, schedule of quantities of various types of works to be executed and terms and conditions of this contract to be complied with and other necessary documents.

Scope of Work

1. The campus is zero discharge and is provided with 01 (1000 KLD) Sewage treatment plants at GC CRPF Rangareddy.
2. The details of STP and other parameters is as per **(Annexure-A)**
3. The scope of work includes:-
 - a) 24X7 running operation and maintenance of 1000 KLD STP plants (capacity and number of plants)-Regular checking of parameters required for smooth operations of the plants. All measures to operate plants satisfactorily.
 - b) The plants will be operated by trained operators supervised by a Qualified Supervisor, who will maintain necessary log books on daily basis, records of internal and external testing, submit periodic reports etc.
 - c) Regular dosing of chemicals in the system
 - d) Regular backwash and rinsing of Multi Grade filter, activated carbon filter.

- e) Regular cleaning of bar screen.
- f) Checking parameters like color odour PH etc for smooth operations and take immediate action for corrective measures in case of deterioration in any parameter.
- g) Visit of technical expert/s once in a month to review performance of the plant. An Engineer from the Head office of the agency would visit site, monitor and manage the activities at site to provide necessary technical backup to the site from Head office or otherwise. He will visit site to oversee the entire operations and initiate any major R&M works as required.
- h) Break down maintenance calls- Unlimited break down calls on as required basis. The break down calls will cover 24X7- breakdown call within 24 hours of the time of complaint.
- i) Schedule maintenance calls- At least 4 (four) scheduled calls as per the program for regular preventive maintenance.
- j) A complaint escalation matrix is to be provided by vendor.
- k) The vendor shall ensure Testing of STP treated water sample as per ISO standards once in a quarter from approved laboratory and report to be submitted by 05th of every month.
- l) To coordinate with maintenance team of for any repairs and spares requirement.
- m) Undertake regular preventive maintenance of all mechanical equipment's as pumps valves etc. and take corrective action whenever required for smooth operations.
- n) All tools (04 sets) required for day-to-day running and vendor will provide maintenance of the plant.
- o) All printed log books required for the plants will be provided by vendor.
- p) The treated water to be supplied for Horticulture and other specified uses.
- q) Record hourly data of the operations. Maintaining all sorts of records as per requirements viz sheets of system performance, chemical consumption records, electrical consumption records, daily inlet outlet discharge quantities.
- r) The Vendor shall fulfill the requirements of various law enforcing agencies / local authorities. such as Pollution Control Board etc.
- s) The agency shall not engage any sub-contractor or sublet/transfer the contract to any other agency/person in any manner.
- t) Manpower deployment:
 - i) Operator: Minimum One per set of 1000 KLD plant per shift of 08hrs for 24x7 running operations maintenance.
 - ii) Supervisor: One in general shift.
- u) The vendor will be responsible for safety of their deputed staff during performance of duty at site.

- v) In case, any of the staff is not found up to the mark and not able to do work properly, he will have to be changed as per technical requirement on directions from Engineer-in-charge.
- w) The vendor shall ensure that the Bidder / Agency shall distribute the salary wages in full as per. Minimum Wages Act to the deployed staff. Necessary payments to be made to staff by the 7th of every month by the agency. Proof of bank transfer details shall be required to be provided by the 7th of each month. All labour laws must be complied with and payment details sent to Client on 7th of each month itself.
- x) The agency shall not engage any staff below the age of 18 years. All the staff deployed by the agency shall be medically fit and their antecedent be verified prior to the deployment in the CRPF Campus. The agency shall be responsible for the health and well-being of his staff.
- y) The agency shall render all assistance in obtaining approvals as required from local authorities for plant operations.
- z) The Contractors will attend all Minor Electrical breakdowns. Major breakdowns/replacements /servicing/repairs in pumps panels motors shall be got done by the Client.
- aa) Client will provide sewage water, electricity on continuous basis.
- bb) All the materials/chemicals to be used for the operation of STP plant should be of the best quality. All chemicals shall be provided for in the contract value and no extra shall be payable, However all replaceable spare/parts shall be extra as per actual.
- cc) The vendor shall ensure necessary training to supervisors to enhance plant performance and efficiency.
- dd) The supervisor shall maintain duty roster and the staff should wear photo-identity- card.

Pre-qualification Criteria

1. The agencies / companies who fulfill the pre- qualification criteria mentioned below will only be considered for opening of financial Bid:

Estimated Cost: Rs 48,09,685/-.

SL No.	Particulars	Document (S) to Annex
01.	Company should be in existence or last Five years.	Certifiedcopy of registration certificate.
02.	Company should have average turnover of Rs..... lakhs in similar field in previous three financial years ending on 31.03.2022	Audited accounts of last three years may be enclosed
03.	The tenderers should have successfully completed the following work in the in Institute/Academic - Institute/Public Sector Undertaking/ MNC/ Corporate Sector last 7 years ending last day of month previous to the one in which applications are	Certified Copies of Work orders/ Experience certificate etc. on the letter head of the client /customer to be submitted.

	invited should be either of the following: - Three similar completed works costing not less than the 40 % of the estimated amount . OR Two similar completed works costing not less than 60 % of the estimated amount. OR One similar completed work costing not less than 80 % of the estimated amount. "SIMILAR WORK" means, running operation and maintenance of STP of minimum KLD capacity and above. Manufacturers of such plants with similar experience are also eligible.	
04.	Company should have valid PAN,GST registration etc.	Certified Copy of each document.
05.	Company should not have been barred blacklisted for taking up similar work in any organization.	A certification to this effect on the letter of the bidder.
06.	Earnest Money Deposit (EMD)	Rs 96,194/- in the form of Demand Draft in favour of DIGP GC CRPF Rangareddy payable at SBI GC CRPF Rangareddy (except for those who are exempted by NSIC certifications (with Proof)) failing shall be treated as invalid and shall be liable for rejection.
07.	The bidder should enclose a detailed profile of firm including details of their product and services.	Profile of Company
08.	Annual turnover in last three years should be at least 50% of the estimated cost of work.	Certificate to this effect be enclosed
09.	Integrity Pact	To be signed by the bidder as per practice format attached

1. SUBMISSION OF BIDS:-

TECIELNICAL BID

The technical bid envelope-I must contain the technical bid in prescribed Performa along with:

- i) Earnest Money Deposit.
- ii) Original Tender Document (except Financial Bid) Duly signed & Stamped on all pages of tender documents as acceptance of tender conditions along with Technical Bid form with all relevant documents with self-attestation to be enclosed.
- iii) Technical Bid document Annexure –IV.
- iv) Checklist for submission of bid in the format attached as Annexure-V.
- v) Copy of Audited Balance Sheets and Profit & Loss Statements for last three years (2019-20, 2020-21, 2021-22) with summary statement to be provided on the letter head of the CA. duly attested by them.

- vi) Evidence of successful experience certificate of at least 3 (three) projects as per clause - 3 in Pre-qualification Criteria.
- vii) Letters of reference from the previous organizations with regard to work done with complete contact details of concerned officials in those projects with telephone numbers, address, email, etc. along with scope of work.
- viii) Copy of partnership deed for partnership firm or Memorandum of understanding (MOU) and Article of Association (AOA)/ certification of Registration of companies/ Society/ firm including Certificate or Incorporation for change in name, if any, for limited/private limited company.
- ix) PAN Number in Agency's letter head and copy of income tax return filed by agency during last 3 financial years indicating PAN number.
- x) copy of PF A/C No. and ESI No. In case Agency's establishment is not registered with PF & ESI authorities, the agency shall furnish an undertaking that in the event their establishment falls under the purview of PF & ESI act during the execution of contract, then the agency shall get their establishment registered under PF & ESI and they shall also be solely responsible to fulfilling the obligation of PF & ESI at no extra cost to CRPF.
- xi) The bidder should enclosed a detailed profile of firm including details of their product and servicing.
- xii) Any other details/confirmation asked in specification.
- xiii) Sealed envelope with superscription "ANNUAL RUNNING OPERATION & MAINTENANCE CONTRACT OF SEWAGE TREATMENT PLANTS TECHNICAL BID".

FINANCIAL BID

The Financial Bid **envelope-II** must contain:

- i) Financial bid should be submitted with prices quoted for all the items and the price mentioned in figures as well as word in the stipulated format in Annexure B and Annexure –VI without any condition.
- ii) The financial bid shall include all the charges (with Break up) including all taxes etc., to complete the work in all respect. CRPF will not accept any claim other than mentioned in financial bid.
- iii) No overwriting or use of correction fluid shall be accepted. Any corrections shall be legible and signed by the authorized signatory.
- iv) Sealed envelope with superscription "ANNUAL RUNNING OPERATION & MAINTENANCE CONTRACT OF SEWAGE TREATMENT PLANTS FINANCIAL BID".
- v) Put **TECHNICAL BID ENVELOPE AND FINANCIAL BID ENVELOPE** in separate sealed cover in one cover addressed DIGP, GC, CRPF Ranga Reddy, With superscription on the cover as "**ANNUAL RUNNING OPERATION & MAINTENANCE CONTRACT OF SEWAGE TREATMENT PLANTS**". It should reach us on or before --- /02/2023 hours.
- vi) Bids received shall be evaluated as per the criteria prescribed in the tender document. CRPF will not entertain any modifications subsequent to opening of bids and bids not conforming to tender conditions shall be liable to be rejected. Therefore, bidders are advised to submit their bids complete in all respects as per requirement of tender document specifying their acceptance to all the clauses of Bid Evaluation Criteria, General terms and conditions and compliance to the Scope of Work requirement etc.
- vii) Those who meet the pre-qualification criteria as above will be considered for opening of financial bid. The agency quoting the lowest rate for AMC shall be considered for award of work. CRPF does not bind itself to accept the lowest or any other offer and reserves the

- right to accept or reject any or all the offers either in full or in part without assigning any reason.
- viii) Plant Visit: The bidders are required to visit the site to see the actual site for themselves to assess the quantum of work involved before submitting the tender. Once the tender is submitted, it will be presumed that the bidder has seen and understood the complete work involved for each plant.
 - ix) **The services will be required initial for period of one year.** The contract may be extended based on performance up to maximum of 3 years. In this regard decision of the Institute shall be final.
 - x) Interested agencies may submit financial bid as per enclosed format (**Annexure- "B"**), duly authenticated and stamped. Bidders are advised to inspect the site before quoting the rates. No escalation in rate will be considered during the validity of the contract period. The Financial Bid should contain all relevant price information. The Bid Form must be filled in completely, without any errors, erasures or alterations. The Financial Bid should not contradict the technical offer in anyway.
 - xi) The rates should be valid for at least 90 days.
 - xii) The EMD of unsuccessful bidders will be returned within 30 days after award of contract.
 - xiii) The rates shall be quoted on yearly basis including all taxes. An undertaking on stamp paper with the breakup of cost based on prevalent minimum wages would require to be submitted by the lowest bidder for the award.

Payment Terms

1. Quarterly bill of 25% of the contract value shall be raised by the 7th day of next month shall be raised. Payment to the deployed staff shall be paid by 7th of each month without fail. Payment shall be released within **15** days of raising bill.
2. No advance payment will be made under any circumstances.

Performance Guarantee

Selected company will be required to deposit Performance Guarantee @ 5% of the Work value which shall be in the form of DD/FDR/Bank Guarantee in favour of DIGP GC CRPF Rangareddy the Institute. The format of which will be provided at the time of Award of Work.

INSTRUCTIONS TO TENDERERS:

The tenderers submitting their bid under this tender document are requested to strictly abide by the following instructions, failure to which may lead to rejection of tender document. The tenderers are requested to follow the below mentioned instructions:

- i) The bids shall exactly be according to the prescribed formats. Modifications/ Rewording of formats shall not be acceptable.
- ii) All documentations are required to be in English
- iii) Unsealed tenders will not be accepted.
- iv) Tender should be filled with neat legible and correct entries. Indistinct figures, erasures and alterations are not permitted in the tender.
- v) Failure to comply with these conditions will result in forfeiting of the tender. Please cross out any mistakes and rewrite the same and countersign.
- vi) Incomplete tenders, amendments and additions to tender after opening and tenders . submitted after due date shall liable to be ignored.
- vii) Cost involved in submitting the bids, attending the tender opening meeting, arrangements for the demonstration/presentation etc. shall be borne by the bidder.
- viii) Each and every page of the tender documents should bear the stamp of the tenderer and signature of the authorized representative. All Annexure I to VI enclosed shall be filled without exception.
- ix) An indemnity bond to be submitted. (Annexure-III).
- x) The Competent Authority of CRPF, reserves the right to accept or reject any tender or all tenders without assigning any reason.
- xi) These instructions shall form part of the contract document.
- xii) Subletting - contract shall not be assigned or sublet to another party.
- xiii) The contract may be terminated at any stage solely at the option of CRPF with an advance notice of one month without assigning any reason.
- xiv) Before commencing the work and within a week after issue of the Work Order, the bidder shall make a security deposit as per notice and furnish the same for the proper fulfillment of the Contract and shall execute an Agreement for the work on non-judicial Stamp Paper in the format given by CRPF at the time of award of works.
- xv) Rates quoted shall be firm and fixed and are inclusive of cost of manpower, material, machinery, tools and plant etc., all taxes (including Goods and Service Tax), duties and levies, insurance etc. no escalation of whatsoever nature shall be payable.
- xvi) The successful bidder is required to submit security deposit @ 5% of annual value of the tender or performance guarantee. The same will be returned after successful completion of the contract without any interest.
- xvii) Any kind of malba/ scrap arising out of maintenance work will be removed by the tenderer at his own cost and risk.
- xviii) The tenderer will be responsible for timely deduction and deposit of ESIC/PF of the manpower deployed by tenderer at CRPF. The deposit challan must be submitted on demand.
- xix) The provision of Goods and Service Tax (GST) as applicable from time will be binding on the tenderer and proof of payment of GST will be provided by the tenderer along with their bill as and when called for.
- xx) No tenderer shall be allowed to withdraw the tender rates after opening of the tender. If any tenderer withdraws the rates the EMD amount deposited by him shall be forfeited and he shall be disqualified from participating in any future tender of the Institute.
- xxi) No interest shall be paid on the EMD and the EMD shall be forfeited in case the selected/successful bidder does not accept the W.O. or unable to execute the work.

- xxii) Rates should be offered unconditionally and if rates are submitted with any condition the tender shall be rejected.
- xxiii) The bidder shall be free from the encumbrance and there shall not be any vigilance case/ CBI case/ Court Case pending against him. A self-certificate in this regard shall be closed.
- xxiv) Having ISO certification will be an added qualification.
- xxv) The selected firm (s) has to provide the after-sale services to replacements etc. as required.
- xxvi) Minimum man power required per shift of 8 hours as earlier.
- xxvii) Attendance will be marked on day-to-day basis and recovery will be done per person per day for absenteeism.
- xxviii) Qualification for Supervisor (Skilled): - Minimum 3 years' experience in handling STP plant operational and maintenance work. Those having ITI /ITC Certificate /B.Sc / HSC (Science)] will be given preference. Certificate of experience in similar plants of minimum capacity of 1000 KLD is essential. (Proof is to be attached).
- xxix) Qualification for Operator (semi-skilled): - Minimum 2-year experience in handling STP plant running, operations and maintenance work.
- xxx) The selection of the agency will be at the sole discretion of the CRPF who reserves its right to accept or reject any or the all proposals without assigning any reason.
- xxxi) The contract for the ROMC shall be awarded to the qualified responsive tenderer who has quoted lowest.
- xxxii) Upon evaluation of offers the notification on award of contract will be intimated to the successful tenderer.

Note: Only those firms/ authorized dealers who accept and fulfil the above terms & conditions should participate in the tendering process.

1. GENERAL CONDITIONS

ANNUAL OPERATION AND MAINTENANCE CONTRACT FOR SEWAGE TREATMENT PLANTS

Minimum Manpower required per shift of 8 hours:

- a) Supervisor (Skilled) one person in day shift of 8 hours on daily basis for supervision of all plants.
- b) Operator (Semi Skilled) - one person in each shift of 8hours per set of and 1000 KLD STP.

Common Sewage Treatment plant:

- i) Collection of sample Sewage from individual units at the point of discharge to CRPF sewer, conducting tests on them to ascertain that these are within the standards fixed by CPCB, informing CRPF of the results and initiating remedial action.
- ii) The treated wastewater should comply with the standards given in consent order of CPCB/ DPCC BIS standards.
- iii) Name and detailed description of chemicals to be used for treatment if required and their specification may be mentioned.
- iv) Service should be offered round the clock, 365 days in one calendar year. The Bidder shall be responsible for following all labor laws and statutory requirements, insurances pertaining to its employees. The bidder shall Indemnify CRPF against any Claim on this account. It must retain sufficient reserve of manpower to cater for situations like leave, weekly offs, medical problems, holidays or any other exigencies etc.
- v) Price: Quoted rates shall be valid for the entire period of the Contract. However, the increase of minimum wages as per the Govt. Notification shall be applicable.
- vi) Delay in Payment: In case of delay in monthly payment, the bidder should make payment to its manpower without affecting the work.
- vii) Attendance register: Bidder shall be responsible to maintain biometric/manual records of daily attendance of the staff deployed by it. However, the Institute reserves the right to inspect the records & verify attendance as and when required or deemed fit.
- viii) Replacement of Staff: Any staff/employee may be required to be replaced immediately from the site without assigning any reason whatsoever.
- ix) Restrictions: Smoking cigarette, bidi, chewing tobacco, pan, Gutkha or any other banned item is strictly prohibited inside the Institute's premises. Non-Compliance may lead to suitable penalty /termination of contract, to be decided by the Institute.
- x) Contractor should provide all Tools & Tackles as required for proper running to functioning of STP. Also, minimum testing kits to be provided for onsite testing of water.
- xi) All disciplinary rules and regulations as enforced are to be followed by the work force of the Contractor during their stay at the premises. Uniforms and safety kits etc. have to be provided to the staff by the successful firm/contractor/agency.

- xii) All the materials, spare parts, consumable such as oil, grease etc. will be arranged by successful firm/contractor/agency.
- xiii) The Contractor should submit the preventive maintenance schedule for CRPF approval and its implementation.
- xiv) The instructions given to the Contractor from time to time should be properly carried out and necessary records of action taken should be maintained in a Log Book.
- xv) Any damages caused by the Contractor in existing facilities while carrying out the work shall be made good by the contractor to CRPF entire satisfaction at their own risk and cost.
- xvi) The contractor should fulfil all statutory requirements pertaining to satisfactory performance of the job etc.
- xvii) Dismantled / replaced parts should be handed over to CRPF Engineer in- charge or its representative.
- xviii) All the contractor's employees posted and working in CRPF premises for the above-mentioned work should be covered under ESIC making statutory contribution under ESIC Act as per Govt. laws.
- xix) The Contractor shall take necessary insurance to cover the entire workmen's compensation act and also in respect of any other person on account of accident at site.
- xx) The contractor shall comply with all existing labour legislations and Acts, Provisions as applicable, such as Contract Labour Regulation Act, workmen's compensation act, minimum wages act, payment of wages act, provident fund act, ESI Act etc. for any laps or breach on the contractor in respect of non-compliance of any labour legislation in force during the validity of the contract, the contractor would be fully responsible and would indemnify the Institute, in case the institute is held liable for the lapse if any, in this regard.
- xxi) The contractor shall have to make own arrangements for the accommodation of his staff outside the premise of CRPF.
- xxii) CRPF shall not be responsible for the release of benefits, such as provident fund, ESI, pensionary benefits or allowance to the staff employed by the contractor. Excess payment due to any changes in the minimum wages act or in any other labour legislation/provisions or other statutory obligations during the validity period of the contractor shall be the responsibility of the contractor.
- xxiii) Work involves running operation and maintenance of Sewage Treatment Plant filtration Plant, Pump set, spare and Electric Driven Pump set etc.
- xxiv) The tendered are required to visit the plant site to see the actual installations themselves to assess the quantum of work involved before submitting the tender. Once the tender is submitted, it will be presumed that the tenderer has seen and understood the complete work involved for each of the systems.

2. DUTIES AND OBLIGATIONS

a. Duties of Operators & Staff Employed:

- i) The Contractor should submit the names of the persons engaged for the work and they have to report to the Engineer-In-Charge on day-to-day basis. Persons employed should not be changed frequently and every person employed for the work has to obtain proper Gate Pass from Administration Department of the CRPF.
- ii) Operation and the maintenance of STP system comprising of various pumps, motors, blowers, pipelines, setting tanks, filter unit, etc. together with the electrical panels and connections. Operators employed should have knowledge of Hindi, & English (optional). The Contractor has to keep the area of plant neat and clean.

b. Repairs:

- i) The Contractor has to do all minor repairs, for which no additional labour charges will be paid. However, for any spares/materials replaced, actual charges will be paid as per the bills from the authorized/dealers after ascertaining the rates on submission of original bills (except damage caused to any machinery/plant due to negligence of contractor), and such materials to be checked-in through Security Department as evidence being materials brought in.
- ii) Under no circumstances plant should remain under breakdown for more than 03 hours. In the event of breakdown/ shut down the onus of attending to the problem in the shortest possible time will rest on the Contractor failing which Engineering Department is empowered to get the breakdown/ shut down any defect rectified from any outside agency at the risk and cost of the Contractor and make necessary deductions from their bills.
- iii) The firm shall rectify any breakdown in a stipulated time failing which penalty for non-performance @ 0.5 % per week of delay subject to a maximum of 5% of the contract price will be imposed and in the event of any damage to the property or life or any machinery and installation in the STP arising out of nonperformance or negligence of the workers, contractor will be solely responsible. The contractor shall be responsible for proper maintenance of decorum, punctuality, discipline and work output etc.
- iv) The Contractor has to keep all the area and surroundings at the site neat and clean and dump the scrapped materials at the scrap yard.
- v) It will be Contractor's responsibility to maintain STP, Plant in healthy state all the time, to plan and undertake preventive maintenance of STP at regular intervals and attend routine maintenance activity every day.
- vi) The Contractor should make a service report for all the maintenance jobs carried out and get it counter signed by the Engineer-in-charge. The Institute will provide the necessary registers.
- vii) The Contractor has to carry out necessary treatment to the sewage so as per the parameter provided in 6.3 (ii).
- viii) The Contractor has to carry out testing of water at the regular interval of every month and whenever felt necessary as instructed to do so by the institute and furnish the test reports to the Engineer-In-charge on priority. The cost of tests to be borne by Contractor.
- ix) The Contractor will also provide a Tests Certificate every month of effluent water before and after treatment and certificate have to be obtained from the Delhi Pollution Control Board, For B.O.D, C.O.D, PH, TSS, and O&G etc as called for.
- x) The Contractor should maintain logbook, on site test reports etc. up to date as per IS. It will be the responsibility of Contractor to remove excess sludge from sludge holding tank. In

- addition, Contractor shall also carryout cleaning of Grease/Sludge holding Tanks periodically, and disposal of grease / sludge outside the premises at his own cost.
- xi) Checking of the levels of the septic tank located near buildings and arranging for pumping of the Sewage collected in this tank at times / regularly, so that the Sewage at no point of time overflows the tank and cause a health hazard to the occupants of the CRPF Campus surroundings (localities or neighbors).
 - a. Operating of the pumps erected inside the pump house for water supply and constructed beside the septic tanks, taking care to check the levels of Water in the UG sump.
 - b. Sewage in the tank and maintaining of the pumps and clearing any chokes / blocks in the conveyance lines lying throughout the internal roads of CRPF (refer as built drawings with CRPF) using suitable means as recommended by CRPF Campus.
 - xii) Maintaining in a neat condition all the lightings / fittings as detailed below and handing over the same to CRPF on expiry of the O&M period
 - xiii) Motors & Pumps
 - Cleaning and tightening of all screw connections and terminals on controllers.
 - Examining of fuse contacts and terminals for cleanliness and tightness.
 - Checking the pump immediately after starting the motor, to see if the pump is generating the rated head, by reading the pressure gauge. Painting of pipes, motor covers etc once a year.
 - Checking for any undue vibration of stuffing boxes.
 - Checking of glands for overheating and leakage. Gland packing around the pump set is adjusted to permit only a slight leakage of droplets of water to cool and lubricate the shaft.
 - Checking if the voltage fluctuation is within the permissible limit of 420-440V.
 - Checking of current rating and actual loading of motor to prevent overloading, by frequently monitoring the ammeter reading.
 - Ensuring that the water level in the water source does not drop more than 1 meter above foot valve and water at the receiving end is not wasted by over flow. Checking the bearings of the pump periodically and applying grease sufficiently.
 - Checking the gland packing once in two months.
 - Checking the valves and pressure gauges and tightening the gland at closer intervals when too much leak of water occurs.
 - Checking the exhaust pump, its auxiliaries and impeller periodically.
 - Operating of submersible pump once a week, and its maintenance.
 - xiv) Other Duties: Daily entries will be recorded in the logbook as per CRPF requirement and get verified by the Engineer-in-charge of CRPF. Any complaint noticed shall be reported to Engineer-in-charge.
 - xv) The Contractor shall supervise and maintain the Sewage Treatment Plant maintenance work every day and maintain a logbook as per guidelines of the Operation Manual.
 - xvi) The short-listed contractor will submit a monthly maintenance schedule of all equipment's for approval before commencing operating of the system. Sump Pump required to be maintained by the Contractor installed in the Effluent Treatment Plant.
 - xvii) Precaution against any fire hazards or other damages to Plant and equipment shall be arranged by the firm/ agency / contractor. CRPF shall remain indemnified by the contractor from any encumbrances /loss on this account.
 - xviii) The firm/ agency/ contractor shall fulfill the requirement of various law enforcing agencies / local authorities, such as Pollution Control Board, DPCC, Directorate of Electricity Safety, fire etc., by taking their approvals as required.
 - xix) The firm/ agency/ contractor will be responsible for the safety of their deputed staff during the performance of their duty at CRPF site.

- xx) In case any of staff is not found up to mark and not able to do work properly, he will have to be changed as per the instruction of CRPF.
- xxi) In case of any problem with the equipment, the firm/agency/contractor shall inform DIGP, GC CRPF Ranga Reddy immediately.

c. Applicable Law: -

- i) The contract shall be interpreted in accordance with the Laws of the Union of India. Contractor shall be solely responsible for compliance of all labour laws, payment of fair wages/ salaries and allowances to his personnel that might become applicable under any new act, law or order Of Government of State / Central. CRPF shall have no liability whatsoever in any manner.
- ii) Central minimum wages to be complied with - The contractor shall comply with all the provisions of the Minimum Wages Act, 1948, and Contract Labour (Regulation and Abolition) Act, 1970, amended from time to time and rules framed hereunder and other labour laws affecting contract labour that may be brought into force from time to time.
- iii) Notwithstanding the provisions stated above, the service provider shall not be liable for forfeiture of its performance security, penalty or termination for default, if and to the extent that, it's delay in performance or other failure to perform its obligations under the contract is the result of an event of force majeure.

d. Security Deposit / Performance Guarantee:

The Agency shall furnish a Security Deposit in the form of Bank Guarantee within two weeks of award of work (from any one of the Nationalized Bank or SBI) or by Demand Draft for 5% of the total Contract value of one year. This Security Deposit should be furnished within 10 days of the issue of the contract order. This Security Deposit will not bear any interest. The Security Deposit will be refunded 60 days after satisfactory completion of the contract. In case the Security Deposit is to be furnished in the form of Performance (Bank) Guarantee, it should be valid for 2 months beyond the contract period for lodging the claims, if any.

The performance security can be uncashed by the Employer to recover any amount which is payable by the Contractor to the Employer on any account for a cause arising out of the contract.

e. Default of Contractor:

If the performance of the contract is not satisfactory and not corrected within 15 days of receiving notice, then employer shall be at liberty to terminate the contract and get the work executed through other means at the risk and cost of the Contractor.

In the event of termination of the contract, employer shall be at liberty to get balance work done at the risk and cost of the contractor and due payment of the contractor, if any, shall be released after the completion of whole of the works.

- f. **Conciliation:** In the event of any dispute, the party shall use their best efforts to settle amicably all disputes arising out of or in connection with this contract or the interpretation thereof.
- g. **Arbitration:** Any dispute and differences relating to the meaning of the specifications, designs, drawings and instructions herein before mentioned and as to the quality of workmanship of materials used in the work or as to any other question, claim, right, matter or thing whatsoever in any way arising out of or relating to the contract, designs, drawings, specifications, estimates, instructions or these conditions or otherwise concerning the works or the execution or failure to execute the same whether arising during the progress of the work or after the completion or abandonment thereof in respect of which amicable settlement has not be reached shall be referred to the Sole Arbitrator to be appointed by CRPF. The work under the contract shall continue, during the Arbitration proceedings. The award of the Arbitrator shall be final, conclusive and binding on both the parties. The courts shall have the exclusive jurisdiction in any case of any dispute between the parties.

Design of Sewage Treatment Plan and other Parameters

1. EFFLUENT GENERATION AND CHARACTERISATION Qualification of the Effluent.

Total domestic water requirement of the unit has been estimated to be 1000 KLD and the effluent generation is approx 1000 KLD. The total quantum of waste water generated is discharged to four STPs the basis of 24 hrs operation per/day.

Area:

The CRPF campus is spread over 165 acres of area. The total building space in the campus is approx Sq.m.

Manufacturing Process

There is no manufacturing process except preparation of food material for GO's/SO's mess and cafeteria in the campus.

Source of Pollution

The sources of wastewater in the campus is from kitchen mess, and various other administrative as well as Residential blocks. The effluent generated from the unit is mainly domestic in nature.

Source of Water

The domestic water requirement of the institute has been estimated to be around 1000 KLD . Source of water is from the as well as ground water.

Volume of wastewater

The waste water generated from the unit is domestic in nature. It has been estimated that approx.1000 KLD of wastewater is generated from the campus.

2. EFFLUENT GENERATION AND CHARACTERISATION DESIGN DISCHARGE 1000 KLD

Characterization of the Effluent

The Study of effluent characterization is very important for efficient working of an STP. Based on the analysis report provided by the client the characteristics are as given below

The characteristics are given below: -

SL No.	Parameters	Unit	Result
1.	pH		6.5 – 8.5
2.	Suspended Solids (TSS)	Mg/1	350-400
3.	Bio Chemical oxygen demand (3 days at 27 degree C	Mg/1	270-350
4.	Oil and grease	Mg/1	20-30

3. EFFLUENT TREATMENT SYSTEM

The effluent generated is passed through bar screen chamber then oil and grease trap and is collected by gravity through a drainage channel into an equalization tank. The effluent from the collection cum equalization tank is pumped to SAFF tank. The effluent is then allowed to settle in a tube setting tank, where the flocculated particles are allowed to settle down. The settled solids in the settling chamber is allowed to flow to sludge holding tank and is dewatered in the filter press. The dewatered sludge is stored and disposed of as per hazardous waste management rule. The clear water from the settling tank is passed through chlorine contact tank where chlorine is added for disinfection.

Then the effluent is passed through Multi grade filter and activated carbon filter for further polishing of the water before taken to treated water tank for its reuse. The treated water from activated carbon filter is passed through softener for its recycling as make up water for cooling towers.

4. EFFLUENT TREATMENT PLANT PROCESSUNITS

Type of Treatment - biological
 Working Hours per (day) - 24 hours
 Average waste water discharge - 1000 KLD
 Design Discharge - 1000 KLD

Various process units of the effluent treatment plant and its detail specifications are given below: -

1. Bar Screen.
2. Oil & Grease Trap.
3. Equalization Tanks.
4. SAFF Tank.
5. Settling Tank.
6. Chlorine contact Tank.
7. Multi grade Filter.
8. Activated Carbon filter.
9. Softener.
10. Filter press.
11. Effluent Transfer pump.
12. Filter feed pump.
13. Air Blower.

DESIGN DISCHARGE 1000 KLD

1. INTRODUCTION

Following are the Sewage that shall be generated from the entire site Phase H buildings: Domestic Sewage from the Toilets & Bathrooms.

The above-mentioned wastes shall be handled as per the following systems: **Domestic Sewage from the Toilets & Bathrooms:** Generally, shall be collected in the external sewerage system consisting of pipes and manholes and be discharged into the Treatment Plant.

It is proposed to treat the complete wastewater as given above shall be treated in a scientific manner through a properly planned sewage treatment plant. The objective is to stabilize the decomposable organic matters present in sewage so as to get an effluent and sludge having characteristics which are within safe limits, and which can be recycled and re-utilized for various purposes to help in maintaining the ecology of nature and save energy resources. The proposed sewage treatment plant is based on widely used and most **effective process of moving bed bio film reactor E-STP technology.**

Following are the benefits of providing the Sewage Treatment Plant in the present circumstances:

It is mandatory as per the latest requirements to provide the Sewage Treatment Plant. Reduced net daily fresh water requirements from various sources, by utilizing the treated effluent for recycling.

Reduced dependence on the public utilities for water supply and sewerage systems. Solid waste generated from the Sewage Treatment Plant shall be rich in organic materials and is an excellent fertilizer for horticultural purposes.

DIFFERENT COMPONENTS OF THE PLANT

In the proposed treatment scheme, the following component unit shall be provided:

- Screen /Oil & grease trap within Equalization tank.
- Equalization tank
- Submersible type raw sewerage re- lifts pumps
- Anoxic tank
- MBBR tank
- Secondary settling tank
- Clarified Water & Filtered Water Storage Tanks
- Filter feed pump
- Tertiary Treatment Units (Filtration)
- Disinfection System including Ultra Violet Treatment
- Treated Water Supply Pumps
- Sludge return pump
- Sludge holding tank
- Centrifuge

2. CHARACTERISTICS OF UNTREATED & TREATED EFFLUENT WASTE WATER

3.1 Raw sewage influent characteristics (incoming)

- a) Total sewage produced Approx..... m³/day
- b) Total Capacity Proposed To the proposed Sewage Treatment plant of 1000 cum/day capacity
- c) Duration of flow to STP 24 hours
- d) Peak Factor 3.0
- e) Temperature Maximum 46 °C
- f) PH 7.15 to 8.2
- g) Color Mild
- h) T.S.S (mg/l) 250 to 350 mg/l
- i) BOD (5) (mg/l) 200 to 250 mg/l
- j) COD (mg/l) 300 to 400 mg/l
- k) Oil and grease 10—50 mg/l

3.2 Final Effluent Characteristics after Tertiary Treatment

- a) pH : 7.1—7.3 mg/l
- b) B.O.D. : < 10 mg/l
- c) C.O.D. : < 50 mg/l
- d) Total suspended solids : < 20 mg/l
- e) Oil & Grease : <2mg/l

4. PROCESS DESCRIPTION

4.1 Incoming Wastewater from Last Manhole will be collected in raw effluent equalization tank via a Sluice Control Valve; bar Screens & Oil & Grease trap (OGT) in series

4.2 Manual cleaned bar screens will be installed to screen any large pieces. After screening, the waste water should be allowed to pass through an oil & grease trap to remove the grit material The screens and grit chambers shall be accessible so that they may be manually cleaned from time to time.

4.3 The waste water from the OGT should then pass into the Equalization Tank.

4.4 The design of Equalization tank should cater for the condition that the waste water generation may not be uniform and higher quantity may come out during peak hours. There may be very low flow condition for few hours. To optimize the size of the plant, the plant design should cater for continuous operation and hence a buffer should be provided to store the waste water during its peak hour generation and supply the same during lean or no flow hours. The equalization tank is provided to homogenize the waste water quality and also even out flow fluctuations and feed waste water of uniform quality at constant rate to subsequent treatment units. Air mixing should be provided to mix the contents of the equalization tank. An aeration grid should be provided to mix the contents of the equalization tank and also to avoid septic\$ conditions in the tank.

4.5 From the equalization tank the wastewater will be pumped into Anoxic tank for removal of nitrogen & phosphorous in the absence of oxygen by denitrification process. By-pass line shall be provided from the pumping system which shall only be provisional for disposal of sewage to mobile sewage tanker for emergency purposes.

from the Anoxic tank the wastewater will be overflowed into MBBR Tank.

4.6 he E-STP process uses small plastic carrier elements to provide growth sites for bacteria attachment in a suspended growth medium. The carrier elements shall allow a higher biomass concentration to be maintained in the reactor. This shall increase the biological treatment capacity for the given reactor volume.

4.7 The carrier elements shall be continuously kept in suspension by the aeration system. The agitation pattern in the reactor shall be designed to provide an upward movement of the carriers across the surface of the retention screen which creates a scrubbing effect to prevent Combination of fine & coarse bubbles may be provided to provide oxygen as per detailing.

4.8 From the E-STP tank mixed liquor shall flow by gravity into the secondary settling tank The solids will settle in the tank. The sludge that settles down shall be transferred to sludge holding tank via sludge loading pumps_ with provision of sludge return to the bioreactor if necessary.

- 4.9 From the settling tank, treated wastewater will flow into chlorine contact tank clarified water tank
In this tank chlorine will be added in the form of calcium or sodium hypochlorite solution by a suitable chlorinator Dosing system.
- 4.10 Treated water after chlorine contact tank shall be clear, odorless. low BOD, low suspended solids which shall be of quality which is acceptable as per standards prescribed by CPCB/Environmental norms for disposal directly into public/natural drain.
- 4.11 The treated water from chlorine contact tank is fed by means of filter feed pump sets to pass through sand media filters, activated carbon filters and stored in the filtered water tanks The activated carbon filters shall ensure removal of all coloration and odors present in the treated effluent. Backwash of Filters and shall be done intermittently as per requirements The filtered water being stored in the filtered water tank shall again be dosed with chlorine by a suitable chlorinator Dosing system and a residual Chlorine level of 1 PPM shall be maintained.
- 4.12 The filtered clean and odorless water from filtered water tank is then fed through a variable frequency drive hydro-pneumatic system to the external treated effluent rings as per the masterplan, from where connections are taken to the garden hydrant system and to each unit for flushing water as per detailing.
- 4.13 According to the guide lines of Ministry of Environment and Forest the UV system will be provided on the discharge point of treated effluent supply lines to ensure 100% pathogen free treated water for recycling and re-use. The UV System shall be provided as online installation on the treated water supply line being supplied to the external distribution ring.
- 4.14 Excess sludge from the clarifier, settling tank will be taken periodically into sludge holding tank. In this tank sludge will be aerated for self-stabilization. Air will be shut off periodically and supernatant water will be transferred to the aeration tank creating stabilized sludge. The final sludge shall be dewatered through a centrifuge mechanism. Sludge loading arrangements shall also be provided for direct disposal of sludge-to-sludge tankers trolleys, The dried sludge shall be reused as manure for irrigation purposes.

5. REUSE & DISPOSAL, OF TREATED EFFLUENT

5.1 The estimated treated effluent available from the sewage Treatment plant shall be approximatelym³/day

5. REUSE & DISPOSAL, OF TREATED EFFLUENT

5.1 The estimated treated effluent available from the sewage Treatment plant shall be approximatelym³/day

Format of Financial Bid for Non Comprehensive Annual Running Operations and Maintenance Contract (ACMC) for 01 Nos 1000 KLD

S	Description	Amount In Rupees
1.	Non-Comprehensive Annual Running Operations Maintenance Contract (AROMC) a)For KLD Sewage Treatment Plants based on E-STP technology including cost of dosing chemicals. as per the details provided in the tender document under "Scope of Work".	
Total		
GST		
Total Amount including GST		

SCHEDULE OF QUANTITIES

SL	Item Specification	Frequency	Qty(NO/KG/LIT)
1	Labour charges Operation and maintenance of E-STP of 1000 Kld per month-requirement	Monthly	3 persons
2	Supervisor should visit every week	Monthly	1 person
3	Hypo-chloride	Monthly	1 LOT
4	Alum	Monthly	1 LOT
5	E-Cell Plates (80 Sets)	Quarterly	80
6	PUMPS Servicing & Cleaning	Monthly	1
7	Replacement of Carbon Media	Half yearly	35 Bag (50 kg in each bag)
8	Replacement of Sand Media	Half yearly	50 Bag (51 kg in each bag)

Sewerage treatment Plant

(Rs. in words)

We agree to carry out **the Work** at the rate quoted above for the duration of one full year. We understand that CRPF is not bound to accept the lowest or any other offer and reserves the right to accept or reject any or all the offers either in full or in part without assigning any reason.

(Name and Signature of Authorized Signatory with seal)

Signature of the bidder)

Date:

CERTIFICATE

To,

The DIGP,

GC, CRPF Ranga Reddy

Sir,

It is certified that we have studied, understood and agreed the terms and conditions of the tender for Annual Operation and Maintenance of Sewage Treatment Plant at CRPF Campus.

There are no hidden costs to CIIF'F over and above that indicated in the Annexure-VI

(Price Bid Format).

The benefit of reduction in statutory taxes/ levies, if any, arising during the term of the contract, if awarded in our favor, would be passed on to CRPF.

I / We agree to carry out the above works as detailed in the scope of work, at the quoted rates, for a period of one year from the date of award of work to us. Further, I/We agree to abide by all the terms and conditions of this bid.

Authorised signatory with seal

Place: Date:

(Certificate on firm letter head)

ANNEXURE-II

DECLARATION

I We having our office at

declare that I/ We have never been blacklisted by any state Government/ Central Government or any State/ Central PSU.

	Signature of the
Tenderer Date:	Name:
Designation:	
Place:	Office Seal:

(Declaration on firm letter head)

ANNEXURE III

(Format of Indemnity Bond)

INDEMNITY BOND

By THIS BOND I, Shri/Smt. son of Shri/Smt..... Residing at by occupation..... the Partner/Proprietor/Director having office at am a tendere at CRPF.

- 1. WHEREAS, the said CRPF asked every tenderer, who is not covered under E.S.I. or any other insurance Act or exempted to furnish an Indemnity Bond in favor of CRPF against all damages and accident to the Staff/Labour/Tenderer/Contractor.
2. NOW THIS BOND OF INDEMNITY WITNESSTH THAT the Tenderer/ Contractor named herein above shall indemnify the CRPF against all damages and accident occurring to the Laboure's of the Tenderer/ Contractor as demanded by the CRPF and which shall be legal and/or claimed by the CRPF during the execution of the work stated in the NIT No:-_ AND the Contractor hereunder agree to indemnify and at all times.

In WITNESS WHEREOF I,....., the Partner/ Proprietor/Director Hereto set and seal this the..... Day of in the year at

- 1. Signature:
Name:
Address:

Sureties Signature of the indemnifier witnesses

- 2. Signature:
Name:
Address:

ANNEXURE - IV

TECHNICAL BID - GENERAL INFORMATION

(To be filled in by the bidder for the Technical Bid)

PART A: Brief Description of the Tenderer

1. NAME OF TENDERING COMPANY/FIRM

2. Type of Organization Individual/ Partnership/ Pvt. Ltd

3. NAME OF OWNER / PARTNERS /DIRECTORS

4. FULL PARTICULARS OF OFFICE

a) ADDRESS

b) TELEPHONE NO

c) MOBILE No.:

e) E-MAIL ADDRESS

f) Company website, If any (t) Year of establishment

5. Details of payment

S. No:	Particulars	Bank Details	Amount with date	Valid up to
1.	EMD deposit of Rs			

6. DETAILS OF EXISTING STAFF

S No	Name	Qualification	Designation	Place of posting	ESI No. P.F. No.
1					
2					
3					

7. REGISTRATION DETAILS: (Details of supporting documents enclosed with self-attested)

S. No.	Registration Under	Registration No.	Valid up to	Proof Enclosed in
1	Firm / Company Registration (delete whichever is not)			
2	PAN/ GIR No:			
3	EPF registration No:			
4	ESI registration No:			
5	GST Registration No:			
6	Registered with CPWD/PWD/any Govt. body/Autonomous body etc., If yes, please attach photocopy.			
7	Others			

8. TURNOVER OF THE TENDERER DURING

S. No	Annual Turn over	Amount in lakhs	Proof enclosed in Page No:
1	2019-2020		
2	2020-2021		
3	2021-2022		

Note: Details of supporting documents enclosed with self-attested (Self-attested copy as proof of the above must be attached to qualify, compulsorily, Original papers should be provided for verification purpose).

PART B: Experience of the Tenderer

(Experience of relevant and similar work of annual Operation and Maintenance of Sewage Treatment Plant works in the buildings completed during last seven years preceding 31st Dec 2022 and on-going works. Separate sheet for each work may be used).

1. LIST OF CLIENTS

S No.	Name of the organization	Address & Contact No.	Duration of contract		Value of the contra
			From	To	

- (a) Supporting documents like copies of work orders, completion certificates and performance certificates from the client in support of each of the above projects to be furnished.
- (b) List of clients including PSUs mentioning the period of contract and value thereof.
- (c) Any other information.

Signature of the Tenderer

Date:

Name:

Designation:

Place:

Office Seal:

Note: Please read Tender carefully and fill up the above information

CHECK LIST FOR SUBMISSION OF BID

Agency is requested to fill this check list and ensure that all details/documents have been furnished as called for in this tender duly filled in, signed & stamped

Please tick (√) the box and ensure compliance:

SL No.	Details			If Yes Page No.,(S_
		Yes	No.	
	EMD value of Rs.			
2	Whether the completed details has been Submitted as Undertaking & acceptance letter by the agency (on original station - Annexure- I to IV)			
3	Copy of partnership deed for partnership firm or Memorandum of understanding (MOU) and Article or Association (AOA) including Certificate OR Incorporation for change in name, if any, for limited/private limited			
4	PAN Number in Agency's letterhead and Copy of income tax			
5	Copy of PF A/c No. and ESI No. In case Agency's establishment is not registered with PF & ESI Authorities, the Agency shall furnish an undertaking that in the event their establishment falls under the purview of PF & ESI Act during the execution of Contract, then the Agency shall get their establishment registered under PF & ESI and they shall also be solely responsible to fulfill the obligation of PF & ESI at no extra cost to GC CRPF Ranga Reddy Submitted?			
6	GSTIN Registration No.			
	Registered with 2/PWD/any Govt. body' /Autonomous body etc. if any.			
8	Checklist Submission of bid in The format attached as For (Annexure- V)			
9	Copy of Audited Balance Sheets and Profit & Loss Statements For last three			
	Years 2019-20			
	2020-21			
	2021-22			
10	Experience of relevant and similar work			

11	Letters of reference from the previous organizations with regard to work done with complete contact details of concerned officials in those projects with telephone numbers, address, email, etc. along with scope of work. Submitted?			
12	Original Bidding Document duly signed & stamped.			
13	Duly filled Financial bid place in separate cover (Annexure-VI)			
14	(Any other detail Specify)			

Date :-

Place:-

Signature of authorized person of the firm/agency with stamp

Annexure VI

PRICE BID breakup (to be submitted in form of Affidavit on Rs 100/-Stamp Paper before award)

Annual ROMC for Sewage Treatment Plant at GC CRPF Ranga Reddy campus

S No.	Description	Amount (Rs.)	
		In figure	In words
	Annual Operation and Maintenance Contract of Sewage Treatment Plant having capacity		
	Rate for Supervisor (for one month) including ES VP F/Leave/Bonus/Uniform/Reliever charges		
	Rate for Operator (for one month) including ES SUPF/Leave/Bonus/Uniform/Reliever charges		
	Rate of Filtration and treatment etc. (for one month)		
	Rate of Maintaining all type of pumps (for one month)		
	Rate Repair and maintain treated water tank and testing at inlet and outlet (for one month)		
	Rate Cleaning of tanks (for one month) Rate of Painting of corrosive parts pipes etc. Work as detailed in enclosed specifications/ tender document. (for one month)		
	Cost of dosing chemicals as required for one month for 1000 KLD plants		

	Cost of dosing chemicals as required for one month for .KLD plants		
	Total (for one month)		
	Annual ROM Contract Value excluding GST		

- I We certify that the quoted rates above from are not below the statutory rates payable under the Minimum Wages Rules/ notifications issued by the Central Government.
- II Apart from the above any other payments payable under the Rules /Notifications of GOI will be refundable on production of proof of payment and authority.

NOTE: -

1. Do not attach any other sheet to this Annexure.
2. The tenderers are advised to ensure that the prices and other details are filled in correctly and completely in the above format. Submission of incorrect or incomplete information, and / or submission of the above format with arithmetical errors in compilation of the data would be at the tenderer's sole risk and the decision of CRPF in such cases would be final and binding.

SIGNATURE WITH SEAL

Name.....

Mobile No.....

Designation.....

INTEGRITY PACT

To,

The DIG,

Subject: Submission of Tender for the work of _____

Dear Sir,

I/We acknowledge that DIGP,GC CRPF Rangareddy is committed to follow the principles thereof as enumerated in the Integrity Agreement enclosed with the tender/bid document.

I/We agree that the Notice Inviting Tender (NIT) is an invitation to offer made on the condition that I/We will sign the enclosed integrity Agreement, which is an integral part of tender documents, failing which I/We will stand disqualified from the tendering process. I/We acknowledge that THE MAKING OF THE BID SHALL BE REGARDED AS AN UNCONDITIONAL AND ABSOLUTE ACCEPTANCE of this condition of the NIT.

I/We confirm acceptance and compliance with the Integrity Agreement in letter and spirit and further agree that execution of the said Integrity Agreement shall be separate and distinct from the main contract, which will come into existence when tender/bid is finally accepted by DIGP,GC CRPF Rangareddy. I/We acknowledge and accept the duration of the Integrity Agreement, which shall be in the line with Article 1 of the enclosed Integrity Agreement.

I/We acknowledge that in the event of my/our failure to sign and accept the Integrity Agreement, while submitting the tender/bid, DIGP,GC CRPF Rangareddy shall have unqualified, absolute and unfettered right to disqualify the tenderer/bidder and reject the tender/bid in accordance with terms and conditions of the tender/ bid.

Yours faithfully

(Duly authorized signatory of the Bidder)

To,

Subject: NIT No. _____ for the work of

Dear Sir,

It is here by declared that DIGP,GC CRPF Rangareddy is committed to follow the principle of transparency, equity and competitiveness in public procurement

The subject Notice Inviting Tender (NIT) is an invitation to offer made on the condition that the Bidder will sign the integrity Agreement, which is an integral part of tender/bid documents, failing which the tenderer/bidder will stand disqualified from the tendering process and the bid of the bidder would be summarily rejected

This declaration shall form part and parcel of the Integrity Agreement and signing of the same shall be deemed as acceptance and signing of the Integrity Agreement on behalf of the DIGP,GC CRPF Rangareddy.

Yours faithfully

DIGP,GC CRPF
Rangareddy

Article 1: Commitment of the Principal/Owner

- (1) The Principal/Owner commits itself to take all measures necessary to prevent corruption and to observe the following principles:
 - (a) No employee of the Principal/Owner, personally or through any of his/her family members, will in connection with the Tender, or the execution of the Contract, demand, take a promise for or accept, for self or third person, any material or immaterial benefit which the person is not legally entitled to.
 - (b) The Principal/Owner will, during the Tender process, treat all Bidder(s) with equity and reason. The Principal/Owner will, in particular, before and during the Tender process, provide to all Bidder(s) the same information and will not provide to any Bidder(s) confidential / additional information through which the Bidder(s) could obtain an advantage in relation to the Tender process or the Contract execution
 - (C) The Principal/Owner shall endeavour to exclude from the Tender process any person, whose conduct in the past has been of biased nature
- (2) If the Principal/Owner obtains information on the conduct of any of its employees which is a criminal offence under the Indian Penal code (IPC)/Prevention of Corruption Act, 1988 (PC Act) or is in violation of the principles herein mentioned or if there be a substantive suspicion in this regard, the Principal/Owner will inform the Chief Vigilance Officer and in addition can also initiate disciplinary actions as per its internal laid down policies and procedures

Article 2: Commitment of the Bidder(s)/Contractor(s)

1. It is required that each Bidder/Contractor (including their respective officers, employees and agents) adhere to the highest ethical standards, and report to the Government / Department all suspected acts of fraud or corruption or Coercion or Collusion of which it has knowledge or becomes aware, during the tendering process and throughout the negotiation or award of a contract
2. The Bidder(s)/Contractor(s) commits himself to take all measures necessary to prevent corruption. He commits himself to observe the following principles during his participation in the Tender process and during the Contract execution:
 - (a) The Bidder(s)/Contractor(s) will not, directly or through any other person or firm, offer, promise or give to any of the Principal/Owner's employees involved in the Tender process or execution of the Contract or to any third person any material or other benefit which he/she is not legally entitled to, in order to obtain in exchange any advantage of any kind whatsoever during the Tender process or during the execution of the Contract.
 - (b) The Bidder(s)/Contractor(s) will not enter with other Bidder(s) into any undisclosed agreement or understanding, whether formal or informal. This applies in particular to prices,

specifications, certifications, subsidiary contracts, submission or non-submission of bids or any other actions to restrict competitiveness or to cartelize in the bidding process

- (c) The Bidder(s)/Contractor(s) will not commit any offence under the relevant IPC/PC Act. Further the Bidder(s)/Contractor(s) will not use improperly, (for the purpose of competition or personal gain), or pass on to others, any information or documents provided by the Principal/Owner as part of the business relationship, regarding plans, technical proposals and business details, including information contained or transmitted electronically
- (d) The Bidder(s)/Contractor(s) of foreign origin shall disclose the names and addresses of agents/representatives in India, if any. Similarly Bidder(s)/Contractor(s) of Indian Nationality shall disclose.

To be signed by the bidder and same signatory competent / authorized to sign the relevant contract on behalf of DIGP GC CRPF Rangareddy

INTEGRITY AGREEMENT

This Integrity Agreement is made at _____ on this day of 2023

BETWEEN

President of India represented through DIGP GC CRPF Rangareddy

(GC CRPF Rangareddy)

DIGP GC CRPF Rangareddy, _____, (Hereinafter referred as the 'Principal/Owner', which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

(DIGP GC CRPF Rangareddy)

And

(Name and Address of the Individual/firm/Company)

through _____ (Hereinafter referred to as the "Bidder/Contractor" and which expression shall unless repugnant to the meaning or context hereof include its successors and permitted assigns)

(Details of duly authorized signatory)

Preamble

WHEREAS the Principal / Owner has floated the Tender (NIT No

(hereinafter referred to as "Tender/Bid")

and intends to award, under laid down organizational procedure, contract for

(Name of work)

hereinafter referred to as the "Contract".

AND WHEREAS the Principal/Owner values full compliance with all relevant laws of the land, rules, regulations, economic use of resources and of fairness/transparency in its relation with its Bidder(s) and Contractor(s).

AND WHEREAS to meet the purpose aforesaid both the parties have agreed to enter into this Integrity Agreement (hereinafter referred to as "Integrity Pact" or "Pact"), the terms and conditions of which shall also be read as integral part and parcel of the Tender/Bid documents and Contract between the parties.

NOW, THEREFORE, in consideration of mutual covenants contained in this Pact, the parties hereby agree as follows and this Pact witnesses as under:

names and addresses of foreign agents/representatives, if any. Either the Indian agent on behalf of the foreign principal or the foreign principal directly could bid in a tender but not both. Further, in cases where an agent participate in a tender on behalf of one manufacturer, he shall not be allowed to quote on behalf of another manufacturer along with the first manufacturer in a subsequent/parallel tender for the same item.

- e) The Bidder(s)/Contractor(s) will, when presenting his bid, disclose any and all payments he has made, is committed to or intends to make to agents, brokers or any other intermediaries in connection with the award of the Contract.
3. The Bidder(s)/Contractor(s) will not instigate third persons to commit offences outlined above or be an accessory to such offences.
4. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm indulge in fraudulent practice means a willful misrepresentation or omission of facts or submission of fake/forged documents in order to induce public official to act in reliance thereof, with the purpose of obtaining unjust advantage by or causing damage to justified interest of others and/or to influence the procurement process to tie detriment of the Government interests.
5. The Bidder(s)/Contractor(s) will not, directly or through any other person or firm use Coercive Practices (means the act of obtaining something, compelling an action or influencing a decision through intimidation, threat or the use of force directly Or indirectly, where potential or actual injury may befall upon a person, his/ her reputation or property to influence their participation in the tendering process).

Article 3: Consequences of Breach

Without prejudice to any rights that may be available to the Principal/Owner under law or the Contract or its established policies and laid down procedures, the Principal/Owner shall have the following rights in case of breach of this Integrity Pact by the Bidder(s)/Contractor(s) and the Bidder/ Contractor accepts and undertakes to respect and uphold the Principal/Owner's absolute right:

1. If the Bidder(s)/Contractor(s), either before award or during execution of Contract has committed a transgression through a violation of Article 2 above or in any other form, such as to put his reliability or credibility in question, the Principal/Owner after giving 14 days notice to the contractor shall have powers to disqualify the Bidder(s)/Contractor(s) from the Tender process or terminate/determine the Contract, if already executed or exclude the Bidder/Contractor from future contract award processes. The imposition and duration of the exclusion will be determined by the

severity of transgression and determined by the Principal/Owner. Such exclusion may be forever or for a limited period as decided by the Principal/Owner.

2. Forfeiture of EMD/Performance Guarantee/Security Deposit: If the Principal/Owner has disqualified the Bidder(s) from the Tender process prior to the award of the Contract or terminated/determined the Contract or has accrued the right to terminate/determine the Contract according to Article 3(1), the Principal/Owner apart from exercising any legal rights that may have accrued to the Principal/Owner, may in its considered opinion forfeit the entire amount of Earnest Money Deposit, Performance Guarantee and Security Deposit of the Bidder/Contractor.
3. Criminal Liability: If the Principal/Owner obtains knowledge of conduct of a Bidder or Contractor, or of an employee or a representative or an associate of a Bidder or Contractor which constitutes corruption within the meaning of I PC Act, or if the Principal/Owner has substantive suspicion in this regard, the Principal/Owner will inform the same to law enforcing agencies for further investigation.

Article 4: Previous Transgression

1. The Bidder declares that no previous transgressions occurred in the last 5 years with any other Company in any country confirming to the anticorruption approach or with Central Government or State Government or any other Central/State Public Sector Enterprises in India that could justify his exclusion from the Tender process.
2. If the Bidder makes incorrect statement on this subject, he can be disqualified from the Tender process or action can be taken for banning of business dealings/ holiday listing of the Bidder/Contractor as deemed fit by the Principal/ Owner.
3. If the Bidder/Contractor can prove that he has resorted / recouped the damage caused by him and has installed a suitable corruption prevention system, the Principal/Owner may, at its own discretion, revoke the exclusion prematurely.

Article 5: Equal Treatment of all Bidders/Contractors/Subcontractors

1. The Bidder(s)/Contractor(s) undertake(s) to demand from all subcontractors a commitment in conformity with this Integrity Pact. The Bidder/Contractor shall be responsible for any violation(s) of the principles laid down in this agreement/Pact by any of its Subcontractors/sub-vendors.
2. The Principal/Owner will enter into Pacts on identical terms as this one with all Bidders and Contractors.
3. The Principal/Owner will disqualify Bidders, who do not submit, the duly signed Pact between the Principal Owner and the bidder, along with the Tender or violate its provisions at any stage of the Tender process, from the Tender process.

Article 6- Duration of the Pact

1. This Pact begins when both the parties have legally signed it. It expires for the Contractor/Vendor 12 months after the completion of work under the contract or till the continuation of defect liability period, whichever is more and for all other bidders, till the Contract has been awarded.
2. If any claim is made/lodged during the time, the same shall be binding and continue to be valid despite the lapse of this Pacts as specified above, unless it is discharged/determined by the Competent Authority, DIGP GC CRPF Ranagareddy.

Article 7- Other Provisions

1. This Pact is subject to Indian Law, place of performance and jurisdiction is the Head quarters of the Division of the Principal/Owner, who has floated the Tender.
2. Changes and supplements need to be made in writing. Side agreements have not been made.
3. If the Contractor is a partnership or a consortium, this Pact must be signed by all the partners or by one or more partner holding power of attorney signed by all partners and consortium members. In

case of a Company, the Pact must be signed by a representative duly authorized by board resolution.

4. Should one or several provisions of this Pact turn out to be invalid; the remainder of this Pact remains valid. In this case, the parties will strive to come to an agreement to their original intentions.
5. It is agreed term and condition that any dispute or difference arising between the parties with regard to the terms of this Integrity Agreement / Pact, any action taken by the Owner/Principal in accordance with this Integrity Agreement./ Pact or interpretation thereof shall not be subject to arbitration.

Article 8- LEGAL AND PRIOR RIGHTS

1. All rights and remedies of the parties hereto shall be in addition to all the other legal rights and remedies belonging to such parties under the Contract and/or law and the same shall be deemed to be cumulative and not alternative to such legal rights and remedies aforesaid. For the sake of brevity, both the Parties agree that this Integrity Pact will have precedence over the Tender/Contact documents with regard any of the provisions covered under this Integrity Pact. IN WITNESS WHEREOF the parties have signed and executed this Integrity Pact at the place and date first above mentioned in the presence of following witnesses:

(For and on behalf of Principal/Owner)

WITNESSES:

1
(signature, name and address)

2
(signature, name and address)

Place:

Dated: