

TENDER NO. SSSCT/PROC/25-26/E&P/017

Date: 15-07-2025

TENDER DOCUMENT

**SRI SATHYA SAI CENTRAL TRUST
PRASANTHI NILAYAM, PUTTAPARTHI**



**WORKS TENDER NOTIFICATION
EXTERNALPHE WORKS OF DORMITORY CUM ROOMS BLOCK
AT PRASANTHI NILAYAM A, B AND C BLOCKS**

Address for communication:

PRASANTHI NILAYAM,
PUTTAPARTHI
SRI SATHYA SAI DISTRICT
ANDHRA PRADESH – 515134.

Website: www.srisathyasai.org

Email: ce@mail.sssct.org

Aum Sri Sairam

**Sri Sathya Sai Central Trust, Prasanthi Nilayam Puttaparthi, Sri Sathya Sai District, A.P.
- 515134**

TENDER DOCUMENT

Tender Notice Number: SSSCT/PROC/25-26/E&P/017

**Name of work: External PHE works of Dormitory cum Rooms Block At
Prasanthi Nilayam A, B And C Blocks– Estimated cost Rs.92 Lakhs**

On behalf of Sri Sathya Sai Central Trust, Prasanthi Nilayam Sri Sathya Sai District here-in-after mentioned as the Owner, you are hereby invited to bid External PHE works of Dormitory cum Rooms Block At Prasanthi Nilayam A, B And C Blocks

1. Scope of work: PHE works of the above mentioned work as per BOQ and the specification provided along with this tender document.
2. The documents comprising the tender, are
 - A) Notice inviting tender
 - B) General conditions of contract (GCC)
 - C) Special conditions of contract (SCC)
 - D) List of materials to be used.
 - E) Site visit declaration.
 - F) Bill of quantities (BOQ)
3. The Bidder shall furnish the following documents soft copy through mail i.e tenders@mail.sssct.org and hard copy need to be sent to the following address i.e. Chief Engineer, Sri Sathya Sai Central Trust, Prasanthi Nilayam A.P. 515134 on or before 28-July-2025
 - i) Covering letter
 - ii) BOQ duly filled and signed by the bidder
 - iii) Declaration of site inspection by the bidder before quoting the tender.
 - iv) Acceptance of general conditions of the contract, duly signed.
4. The last date of submission of the tender is 28-July-2025 at 11.00 AM

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I-WORKS BID**INVITATION OF BIDS FOR EXTERNAL PHE WORKS OF DORMITORY CUM ROOMS BLOCK AT PRASANTHI NILAYAM A, B AND C BLOCKS**

The Sri Sathya Sai Central Trust, Prasanthi Nilayam, Puttaparthi, Andhra Pradesh hereby invites tender from for the said work as per the specifications. “Interested parties who wishes to participants may submit their bids as per process mentioned here under”

To:
The Chief Engineer,
Sri Sathya Sai Central Trust, Prasanthi Nilayam
Puttaparthi, Sri Sathya Sai District,
Andhra Pradesh. Pin: 515134

Sl. No	Bid issue	Description
1	Tender Inviting Authority	Chief Engineer, Sri Sathya Sai Central Trust
2	Name of the Work	External PHE works of Dormitory cum Rooms Block At Prasanthi Nilayam A, B And C Blocks
3.	Place at which Tender document available	Tender Document can be downloaded from Website: http://tenders.sssct.org /PHE_Work_at_A_B_C_Blocks_DCRB_PSN.pdf
4.	Earnest Money Deposit (EMD)	Estimated Value of the Bid Rs.92 Lakhs EMD: 92,000/- (Rupees Ninety two thousand only) To be paid by all the Bidders by bank Transfer as per the details below, at the time of submission of tender bid. SSSCT PROJECTS-INDIAN FUNDS UTILIZATION A/C No: 39117267217. IFSCODE:SBIN0010480 STATE BANK OF INDIA, PRASANTHI NILAYAM

5.	Security Deposit	Further Security Deposit of 1.5% is to be paid by the selected Bidder
6.	Last Date for Submission of Bid	28.07.2025 (Until 11.00 AM)

1. PROCEDURE FOR BID SUBMISSION:

The Bidder shall submit the Bids on or before 28.07.2025 (Until 11:00 AM)
To the Tender Inviting Authority as per the procedure detailed below:

- a. The Bidders shall submit their Bid in a sealed cover along with all the documents as per the Works Bid Invitation along with the Bid.
- b. The Bidder shall sign on all the statements, documents, certificates, and sent by the, owning responsibility for their correctness / authenticity.

2. TENDER DOCUMENT:

The Bidder is requested to download the Tender Document and read all the terms and conditions mentioned in the Tender Document and seek clarification if any, from the Tender Inviting Authority through e mail: ce@mail.sssct.org

- 3. LATE BIDS:** Sri Sathya Sai Central Trust will not accept any bid after the deadline for submission of bids.

II. GENERAL CONDITIONS OF CONTRACT

1. DEFINITIONS

In this Contract, the following terms shall be interpreted as indicated:

A .“The Contract” means the agreement entered into between the Sri Sathya Sai Central Trust and Contractor as recorded in the contract form signed by the parties, including all the attachments and appendices thereto and all documents incorporated by reference therein:

B .“The Contact Price” means the price payable to the Contractor under the Contract for the full and proper performance of its contractual obligation;

C .“Services” means services ancillary to the work, such as transportation and insurance, and all other incidental services, such as commissioning, provision of technical assistance, training and other obligations of the Supplier covered under the Contract;

D “GCC” means the General Conditions of Contract contained in this section;

E “SCC” means the Special Conditions of Contract;

F. “The Contractor” means the Bidder selected for and services under this Contract.

G. “The Trust” means the Sri Sathya Sai Central Trust, the tender Inviting Authority for the work.

2. CHANGE OF ORDERS:

The Trust may, at any point of time, by written order given to the Contractor make changes modifications within the general scope of the contract in any one or more of the following:

A .The scope of work;

B .The specifications of work; and / or

c. The services to be provided by the Contractor

3. APPLICABLE LAWS:

The contract shall be interpreted in accordance with the prevailing laws of the Government of Andhra Pradesh and Union of India.

4. NOTICES:

Any notice given by the Trust to the Contractor pursuant to this Contract shall be sent in writing or by e-mail and/or confirmed in writing to the Contractor’s address specified in Contract.

A notice shall be effective when delivered or on the notice's effective date, whichever is later.

5. AGREEMENT:

The successful Bidder(s) shall execute an agreement for the fulfilment of the contract on **Rs.100/-** non-judicial stamp paper in the prescribed format provided, within seven days from the date of acceptance of the Bid and intimation of the award of Contract.

The incidental expenses of execution of agreement shall be borne by the successful Bidder(s).

The conditions stipulated in the agreement should be strictly adhered to and violation of any of the conditions in full or in part will entail termination of the Contract without prejudice to the rights of The Trust towards Contractor and recovery of any consequential loss from the Contractor.

6. CHANGE OF SPECIFICATIONS:

No change of specifications after the placement of Order shall be entertained unless the alternate model offered is equivalent or higher in specifications and approval of the Competent Authority has been obtained in writing for such a change of model before execution of the work. Execution of work without such an approval shall not be accepted.

7. CONFLICT OF INTEREST.

Any Bidder having a conflict of interest, which substantially affects fair competition, shall not be eligible to bid in this tender. Bids found to have a conflict of interest shall be rejected as non-responsive. Bidder shall be required to declare the absence of such conflict of interest. A Bidder in this Tender Process shall be considered to have a conflict of interest if the Bidder:

- i. Directly or indirectly controls and/is controlled by or is under common control with another Bidder; or
- ii .Receives or have received any direct or indirect subsidy/ financial stake from another Bidder; or
- iii. Has the same legal representative/ agent as another Bidder for purposes of this bid. A Principal can authorize only one agent, and an agent also should not represent or quote on behalf of more than one Principal or
- iv. Has a relationship with another bidder, directly or through common third parties, that puts it in a position to have access to information about or influence the bid of another Bidder or influence the decisions of the Procuring Entity regarding this Tender process; or
- v. Participates in more than one bid in this tender process. Participation in any capacity by a Bidder (including the participation of a Bidder as sub-contractor in another bid or vice-versa) in more than one bid shall result in the disqualification of all bids in which he is a party. However, this does not limit the participation of a non-bidder firm as a sub-contractor in more than one bid; or
- vi. Would be providing goods, works, or non-consulting services resulting from or directly related to consulting services that it provided (or were provided by any affiliate that directly or indirectly controls, is controlled by, or is under common control with that firm), for the procurement planning (inter-alia preparation of feasibility/ cost estimates/ Detailed Project Report (DPR), design/ technical specifications, terms of reference (ToR)/ Activity Schedule/ schedule of requirements or the Tender Document etc) of this Tender process; or
- vii. Has a close business or family relationship with a staff of the Procuring Organisation who: (i) are directly or indirectly involved in the preparation of the Tender document or specifications of the Tender Process, and/or the evaluation of bids; or (ii) would be involved in the implementation or supervision of

resulting Contract unless the conflict stemming from such relationship has been resolved in a manner acceptable to the Procuring Entity throughout the Tender process and execution of the Contract.

The Bidder shall go through instructions, terms and conditions given in this tender document. Failure to furnish all the requisite information called for in this Tender will be at the Bidders' risk and may result in rejection of the tender. The Bidder shall download the tender document, sign and send again by e-mail confirming that the Bidder has gone through all the terms and conditions of the tender.

8. AMENDMENT OF BIDDING DOCUMENTS

At any time prior to the deadline for submission of bids, the Sri Sathya Sai Central Trust may, for any reason, whether at its own initiative or in response to a clarification requested by a prospective Bidder, modify the bidding documents by amendment.

Any such amendment/ corrigendum shall be posted on the Sri Sathya Sai Central Trust website only and no other communication shall be made to any firm in this regard.

In order to allow prospective Bidders reasonable time, in which to take the amendment into account in preparing their bids, the Sri Sathya Sai Central Trust, at its discretion, may extend the deadline for the submission of bids.

9. LANGUAGE OF BID

The bid prepared by the Bidder, as well as all correspondence and documents relating to the bid exchanged by the Bidder and the Sri Sathya Sai Central Trust shall be written in English language. Supporting documents and printed literature furnished by the Bidder may be in another language provided they are accompanied by an accurate translation of the relevant passages in the English language in which case, for purposes of interpretation of the Bid, the translation shall govern.

10. FORUM FOR LEGAL PROCEEDINGS:

In all cases of disputes, the decision of the Tender Inviting Authority shall be final. Any dispute or difference or any matter arising out of contract or incidentals thereto under this enquiry shall be subjected to jurisdiction of a competent Court of Law in Puttaparthi in Andhra Pradesh alone and not in any other place.

11. ACCEPTANCE or REJECTION OF BIDS:

A .The Tender Inviting Authority reserves the right to accept or reject any or all bids and to annul the bidding process at any time prior to award of contract, without thereby incurring any liability or any obligation to inform the affected Bidder or Bidders of the grounds for the said action.

B .Any Bid with incomplete information is liable for rejection.

C .For each category of pre-qualification criteria, the documentary evidence is to be produced duly attested by the Bidder, serially numbered and enclosed with the bids. If the documentary proof is not

enclosed for any/all criteria the Bid is liable for rejection.

If any information given by the Bidder is found to be false / fictitious, the Bidder will be debarred for 2 years from participating in any other tenders and will be blacklisted.

12. OTHER IMPORTANT CONDITIONS:

1. Validity of offer: The prices quoted must be FIRM and the offers made must remain open for acceptance for 90 days from the date of opening of Tender.
2. Payment Terms: Payment will be released within 15 days after receipt of the certified bill.
3. The Trust will not issue any statutory forms like, Form C, Form D, Way bill etc., and this should be taken into account by the Contractor while quoting the rates.
4. The Tender Quantity is Tentative. It can be increased or decreased at the discretion of the Trust.
5. After finalization of Tender, a work completion schedule shall be submitted by the Contractor which can be revised by the Trust.
6. Penal clauses of the Contractor whatsoever like payment of interest on late payment of bills etc. shall not be acceptable to Sri Sathya Sai Central Trust.
7. Impermissible variations to specifications of work will be viewed seriously and will lead to black-listing.
8. The Trust reserves the right to override all the terms and conditions of the tender at any moment. It may reject any tender without assigning any reasons thereof and the same shall not be questioned in any court of law on any ground, whatsoever.
9. TAXES: TDS as applicable under the Income Tax Act will be deducted from all payments made to the contractor.
10. DISCIPLINE AND BEHAVIOUR OF WORKMEN: The Contractor shall ensure proper decorum, discipline and decency within the premises of the Institution. Smoking, consumption or possession of alcoholic drinks, and non-vegetarian food items within the premises are prohibited.
11. STATUTORY REQUIREMENTS: All necessary permits, licenses, registration and other Environment / Planning-related clearance needed for the works will be arranged by the Trust, assisted by the Contractor in respect of provision of the required data.
12. ASSIGNMENT AND SUBLETTING: The Contractor shall not assign or sub-contract any part of the work to another agency without prior written approval of the Trust.

13. LIQUIDATED DAMAGES: The Contractor undertakes to complete the work within the stipulated period. In case there are delays not attributable to Force Majeure, and without acceptable justification, the Trust can issue a notice of 15 days to the Contractor to make up the delay, and if there is still a delay, the Trust reserves the right to levy Liquidated Damages to the extent of 2% of the contract value per week of delay. If and when the Liquidated Damages reach a limit 10%, the Trust shall be entitled to determine the Contract and get the work carried out by another agency, with any relevant costs in excess of the contracted value accruing to the Contractor's account

14. LABOUR LAWS:

The Contractor shall be responsible for full compliance with all laws and regulations relating to labour, employment, compensation, wages, working conditions, environment, insurance, safety, etc., and the Trust stands fully indemnified against any claim in this regard.

III.SPECIAL CONDITIONS OF CONTRACT

1. **SCOPE OF WORK:** External PHE works of Dormitory cum Rooms Block At Prasanthi Nilayam A, B And C Blocks.
2. **EMD (Earnest Money Deposit)**
 - A. EMD of 1% value of work shall be enclosed along with the Bid. Without EMD, the Bid will not be accepted. This will be refunded to the unsuccessful bidders after awarding the work.**
 - B. The successful bidder shall deposit a further amount of 1.5% towards FSD (Further Security Deposit) before signing of the Agreement.**
 - C. The total EMD/FSD of 2.5% of successful contractor will be released after Defect liability period of 24 months after completion of the work.**
3. **DURATION OF THE CONTRACT:** 120 Days from the date of issuing the letter of Intent. **Time is the essence of the contract.** Contractor shall submit a work schedule highlighting the various milestones immediately after award of work.
4. **CONTRACT AGREEMENT:** Will be executed between the Contractor and SSSCT, Prasanthi Nilayam on a Rs. 100/- stamp paper.
5. **MACHINERY:** All the required machineries should be brought by the contractor. Contractor will be responsible for its maintenance and supply of fuel.
6. **MATERIAL:** All the material required for this construction should be brought by the Contractor. List of approved material Brands is attached separately.
7. **MANPOWER:** All the required manpower both skilled and unskilled should be arranged by the Contractor. The accommodation, safety of the work force is Contractor's responsibility.
8. **SUPERVISION:** A full time experienced supervisor/ Engineer shall be engaged by the Contractor to supervise the work.
9. **TYPE OF CONTRACT:** Item rate Contract. The rates quoted for different items should cover the cost of labour, transport, Tools & plants materials, Lead, Lift, over heads, incidental charges etc.
10. **MODE OF PAYMENT:** Intermediate/Part Payments will be made based on bills containing detailed measurements to be submitted by the contractor duly certified by the engineer-in-charge and processed through Finance department after effecting Tax Deduction at Source (TDS) as per IT Act.
11. **DEFECT LIABILITY PERIOD:** 24 months from the date of handing over. The work completed in all respects as per BOQ and conditions of Contract.

12. RETENTION AMOUNT: 5% of the bill value will be deducted from each R.A. Bill. And same will be released to the contractor along with Final bill after satisfactory completion work. The FSD amount release after 24 months.

13. MODE OF MEASUREMENT: As per IS Codes.

14. REPORTING THE PROGRESS OF THE WORK

- A. The Contractor shall maintain a Site Order Book, where in inspecting Engineers will write day to day observations, instructions and progress of work. This book shall accompany the bills submitted from time to time.
- B. The contractor shall send the pictures of the work progress to the whatsapp group, (which will be formed). From time to time.

15. STATUTORY REQUIREMENTS: Contractors shall arrange to pay the WCP Insurance, on mining material and all other necessary formalities required to execute the work.

16. QUALITY OF WORK: Certificate issued by the local site-in-charge appointed by the SSSCT shall be final. Any defective material/ work found by these authorities during their inspection shall be replaced by the contractor at his cost immediately.

SSSCT reserve the right to terminate the contract if it is found that the work is not up to the mark as for the quality and speed of the progress is concerned, without giving prior notice.

17. Mobilization advance : No mobilisation advance will be paid by the owner

18. ‘The contractor must employ well qualified masons and foreman’s (supervisors) to monitor work. The person must be dedicated full time for the project’.

19. The tender related queries mail ID: ce@mail.sssct.org

20.→ All Technical queries Cell no-9398985071(“Gangi Reddy”). ☎

a. Location link for Tender submission:

<https://maps.app.goo.gl/8wErz5WksHFKF7PX8>

IV.ANNEXURE -I

Ref No:Date:

To

Sri Sathya Sai Central Trust

Prasanthi Nilayam, Puttaparthi

Sri Sathya Sai District,

Andhra Pradesh – 515134.

Sir/Madam,

Having examined the Bidding Documents including Addenda Nos. (insert numbers) the receipt of which is hereby duly acknowledged, we, the undersigned, offer to execute the work in conformity with the said bidding documents for the sum of Rs. _____ (total bid amount in words and figures) or such other sums as may be ascertained in accordance with the Schedule of Prices attached herewith as part of this bid.

Conditions:

1. We undertake that if our Bid is accepted, for execution of work in accordance with the terms and conditions in the Bidding document.
2. If our bid is accepted, we will obtain the guarantee of a bank for the sum, specified under Tender Conditions in the form prescribed by the Trust.
3. Until a formal contract is prepared and executed, this bid, together with your written acceptance thereof and your notification of award shall constitute a binding Contract between us.
4. We understand that you are not bound to accept the lowest or any bid you may receive.
5. We confirm that we comply with the eligibility Criteria as per Sl 20 of Special Conditions of Contract of the Tender document.

Dated this

Signature:

(In the Capacity of):

Duly authorized to sign bid for and on behalf of

Place:

(In the case of a Partnership Firm, all the partners of the firm should authorize the concerned person for signing the Bid Form. In the case of a Company a copy of the resolution authorizing the concerned person to sign the Bid Form. Copies to be enclosed)

V.ANNEXURE – III**DETAILS OF THE BIDDER/CONTRACTOR**

S.No.	Particulars		
1	Name of the Firm/ Organization/ Society:		
2	Year of Establishment:		
	Registration No. & Date :		
3	Complete Address: Pin Code Phone No. Fax No. e-mail:		
4	Authorized person Name, Address: Designation Phone No. e-mail id		
5	If Partnership Firm a) Name & Address of all Partners b) If Registered under Companies Act, Name of the Chairman and Managing Director with full address c) Name & Address of Proprietor If Proprietor concern.		
6	PAN No. & Date:		
7	GST No.		
8	Branches:		
9	Annual Turn-Over		
	For 21-22		

	For 2022-23:		
	For 2024-25:		
10	Key personnel experience		
11	Details of men & machinery available for execution of work		
12	Business Background/History:		
13	Special Accreditations or Awards, if any:		
14	Customer Testimonials:		
15	Details of man power and equipment		

PLACE

DATE :

SIGNATURE OF THE BIDDER

VI.ANNEXURE –IV**SRI SATHYA SAI CENTRAL TRUST, PRASANTHI NILAYAM****List of Documents to be submitted by the Bidder along with Technical Bid in a sealed cover****NAME OF THE BIDDER:**

- 1.Name:
2. Address:
3. Email:
- 4.Name of Authorised Person
5. Contact Phone Number

Sl No	List of the Documents (Duly attested by the Authorized person on all the documents)
1	Tender Document duly signed & with seal on all pages by the Authorized Signatory.
2	Status of the Bidder - Proprietary / Partnership Firm / etc. submit documentary evidence.
3	Copy of Resolution authorizing the Bidder to Sign the Bid Documents.
4	PAN of the Establishment.
5	GST Registration Certificate.
6	Authorized Person PAN And AADHAAR*
7	Details of the Key Person and experience*
8	Copies of Income Tax returns filed and Assessment orders for the last three financial years. Financial statements for last three financial years.
9	Bidder's Bank Details.
10	Site visit Declaration.

All the above documents are must for the bid to be considered as valid

VII. LIST OF APPROVED MAKES / BRAND OF MATERIALS

LIST OF BRAND/MAKE TO BE USED

Cement - Ultratech, ACC, Dalmia, JSW ,RAMCO- OPC 43/53 grade

Steel reinforcement bars/Rods - TATA/ Jindal Neo FE500-FE550 /Vizag steel/SAIL

CPVC /UPVC/PVC-pipes & its accessories - Astral, Supreme, Ashirwad

PHE items & accessories/fittings - Cera, Parryware, Hindware , Jaguar, JAL (Havay duty) & watertec ,Slimline ,SEIKO

Valves- Zolotto, Kartar / Astral, Watertec(PVC, GI,SS)

Electrical items – Crompton Greaves, Polycab, Finolex, Havells, Legrand, Gloster(cables), C&S, ABB, Philips, Schneider, HPL. Wires should be FRLSH. KEI (Cable),Atom berg,Roma Anchor, Anchor Penta ,L&T indo asian andAkarui.

Tiles - Kajaria, Somany, Johnson, AGL, RAK Regency

Paints - Asian, Berger , Nerolac, JSW.

Pumps- Kirloskar, KSB.(CRI Wilo for hot water)

Extinguishers - Safex, Ceasefire, Kanex.

Any materials to be used/purchased at site should be from approved vendor & duly certified by SSSCT Engineer & the same to be mentioned in the bills for payment.

VIII. SITE VISIT DECLARATION

To

Sri Sathya Sai Central Trust,

Prasanthi Nilayam,

Puttaparthi (A.P)

NIT No. TND/ / / - Dated / /

Dear Sir,

I/We _____Undersigned visited the project site on_____and collected all the required information and data regarding availability of material and noted the environmental condition. I have also signed the attendance register maintained at site in presence of Site-In-change.

Yours faithfully,

(Signature of the Tenderer)

Seal of Tenderer

Dated

Bill of Quantities

Sl.No	Description	Unit	Qty	Rate		Amount (Rs)	
				Supply	Installation	Supply	Installation
PART A	WATER SUPPLY SYSTEM - TERRACE, SHAFTS AND EXTERNAL GROUND LEVEL PIPING						
1.0	Supply and fixing UPVC with all fittings up to 50mm dia uPVC unthreaded pipes conforming per ASTM D - 1785 ,Sch-40 with ASTM SCH 80 fittings for upto 65mm dia and SCH 80 fittings to IS 1785 & 2467 and specials such as tees, elbows, couplers etc with brass threaded, Joints to be made with solvent as per standard complete, combination/transition specials such as brass threaded, male adopters female adopters, brass FABT tee, brass FABT elbow etc where connection with metal is to be made, with all Chasing in walls, by machine drilling, making/cutting holes in floors and refilling it after pipe laying by cement mortar of 1:3 mix (1 Portland Cement : 3 hard settling cement compound) and making good the walls etc as directed by the Engineer in charge.etc complete						
	25 mm dia - from heat pump to hot water downtake and return water piping	Mtr	RO				
	32 mm dia - from heat pump to hot water downtake pipes	Mtr	RO				
	40 mm dia - supply mains - Only Terrace level rings/booster pump outlet	Mtr	410.00				
	50 mm dia - rising mains, Hot and cold water ring mains	Mtr	992.00				
	65 mm dia -Water supply ring mains - Block C to	Mtr	998.00				
	75 mm (Borewell Connection, Terrace ring main Pipe)	Mtr	360.00				
	100 mm (Tanker Connection Pipe)	Mtr	120.00				
2.0	Supply and Fixing, testing and commissioning of approved make Chlorinated Polyvinyl Chloride pipes (CPVC) of SDR 11 confirming IS 15778 with all CPVC fittings and specials such as tees, elbows, couplers etc with CPVC brass threaded combination/ transition specials such as male adopters brass threaded, female adopters brass threaded, FABT tee, FABT elbow conforming to ASTM - D 2846 , up to 50 mm dia etc Joints to be made with CPVC solvent as per ASTM F 493 Chasing in walls, by machine drilling, making/cutting holes in floors and refilling it after pipe laying by cement mortar of 1:3 mix (1 Portland Cement : 3 hard settling cement compound) and making good the walls etc as directed by the Engineer in charge.etc complete. Garden piping and connecting pipes						
	40 mm dia	Rmt	120.00				
	32 mm dia	Rmt	282.00				
	25 mm dia	Rmt	320.00				
	20 mm dia	Rmt	85.00				
3.0	Supply and wrapping thermal elastomeric material Protection on hot-water pipe-work adhesive FRP tape should be wrapped over the insulated pipe-work with proper overlapping. Etc complete						
	20 mm	Rmt	120.00				
	25 mm	Rmt	460.00				
	32 mm	Rmt	336.00				
4.0	Supplying, supports in ready factory made G.I slotted wall brackets OR MS Fabricated angle brackets supports with channelled rails upto 4mm thick , used to fix pipes with threaded rods for necessary lengths, fastening with screwed end anchor type bolts, clamps arrange for scaffolding, support system etc for erection in contractor scope etc all of approved makes	Kgs	1,210.00				
5.0	Supply and fixing of lever operated Forged bronze or Brass Threaded Ball valves of approved make and provided with stainless steel ball (AISI 304) and spindle (AISI 410), glass filled Teflon seating and gland packing etc., complete. The valve shall be fixed after the union of PVC as per standard practices . The quoted rate shall also include the cost of the union, nipples etc any specials., complete.						
	25mm dia (Screwed ends)	Nos	32.00				
	32 mm dia (Screwed ends)	Nos	20.00				
	40 mm dia (Screwed ends)	Nos	24.00				
	50 mm dia (Screwed ends)	Nos	22.00				
6.0	Providing, fixing, testing and commissioning of approved make Butterfly valves BV with the following specifications: Body: Ductile iron / Cast iron, Disc: Cast steel / Spheroidal Graphite iron with EPDM inner, Seal: Black Nitrile / EPDM Stem Seal: Black Nitrile / EPDM with WRAS approved "O" Ring Ends: Lugged type flanges Shafts: SS - 304 Pressure rating: PN - 10 Fittings: Hex nipples, union, collars, brass adopters etc, Hand lever : Cast iron Standard: BS 5155 /MF6 standards Fittings: GI Flanges as per BS-10 table 1, Bolts, Nuts, Neoprene rubber gaskets etc.,						
	50 mm dia	Nos.	RO				
	65 mm dia	Nos.	6.00				
	80 mm dia	Nos.	RO				
7.0	Supplying, installing and testing approved make , MOC Brass or C.I Y - strainer with chuck nuts, with G.I filter and threaded y opening used for pumps manifold conforming to relavent IS standards with necessary nuts and bolts, neoprene rubber gaskets, flanges, etc., complete.						
	50 mm dia	Nos	RO				
	65mm dia	Nos	4.00				
	75mm dia	Nos	4.00				
	100mm dia	Nos	RO				
8.0	Supplying, installing and testing approved make Brass or forged bronze Non return Valves for pumps conforming to relavent IS standards with unions etc., complete.						
	75 mm dia	Nos	2.00				

	65 mm dia	Nos	4.00				
	50 mm dia	Nos	6.00				
	40 mm dia	Nos	2.00				
	32 mm dia	Nos	RO				
9.0	Supplying, installing and testing approved make Pressure reducing Valves - PRVs for piping system conforming to relavent IS standards with unions etc., complete.						
	50 mm dia	Nos	RO				
	40 mm dia	Nos	RO				
	25 mm dia	Nos	RO				
10.0	Supplying, installing and testing approved make and MOC brass or forged bronze Air realease valves ARV , for piping system conforming to relavent IS standards with unions, screwed nuts etc., complete.						
	25 mm dia	Nos	RO				
	20 mm dia	Nos	10.00				
11.0	Supply, installation of Food grade, non toxic PVC multilayered at least 5-6mm thick each, anti bacterial water storage - Over head water tanks with all necessary fittings like overflow, inlet, outlet pipe provisions, outlet and inltet flanges / puddle flanges, isolation Ball/Butterfly valves, Y strainer all in brass or forged bronze valves, pedestals, vent pipes, etc complete.						
	Capacity ; 5000 Liters	Nos	RO				
12.0	Supply and fixing in position Brass analog water meters conforming to IS 770/94 with manually read, and BMS compatible allowing for smart metering, hermetically sealed, having SS gears of approved make with necessary fitings etc., complete. Contractor to provide both Conventional and Electromagnetic meters are mentioned below at required locations. This is inclusive of all brass Ball valves, brass or bronze NRVs, and other related accessories etc complete.						
12.1	Conventional - near WTP Pump room and DWS at Terrace						
	32 mm dia	Nos	RO				
	40 mm dia-	Nos	1.00				
	50 mm dia - for borewell line	Nos	1.00				
	65 mm dia-for municipal/Tanker water line	Nos	2.00				
		Nos	RO				
12.2	Electromagnetic meter - STP inlet and outlet						
	50 mm dia from STP	Nos	RO				
13.0	Constructing Valve chamber in 230 mm thick TM brick in CM 1:6 , The chamber is constructed over 100 mm thick PCC 1:4:8 internal and external plastering in CM 1:4,.The base & side walls of the chamber to be water proofed with water proofing plaste, with FRP frame and air tight cover, capable to with stand adequate loads wherever fixed. The quoted rate shall include for necessary excavation in all sort of soil, back filling, consolidation and disposing surplus materials as directed within a lead as allowed by authorities etc., complete						
	a) 750 x 750 mm clear opening	Each	2.00				
TOTAL PART A							
PART B	SEWAGE SYSTEM						
1.0	Supply and fixing of Type - B SWR PVC pipe soil & waste pipes jointed / pasted solvent cement of good quality lubricant and ringfit for verticals in shafts inclusive of all necessary specials like bends, tees, offsets, junctions, pan connector, cowls etc.,with all Chasing in walls, by machine drilling, laid under floor / under ceiling / on walls with suitable clamps including making bores in masonry / RCC slabs etc., and rendering the bores in cement mortar after laying the pipes and specials curing etc., complete. making/cutting holes in floors and refilling it after pipe laying by cement mortar of 1:3 mix (1 Portland Cement : 3 hard settling cement compound) and making good the walls etc as directed by the Engineer in charge.etc complete						
	75 mm OD (waste water)	Rmt	174.00				
	110 mm OD (Internal works sewage)	Rmt	360.00				
	160 mm OD Soil pipe	Rmt	240.00				
	200 mm OD Soil pipe	Rmt	110.00				
	300 mm OD Soil pipe	Rmt	85.00				
2.0	Supplying, Pipe Supports factory made G.I slotted wall brackets channelled rails upto 2.5mm thick , used to fix pipes with threaded rods for necessary lengths, fastening with screwed end anchor type bolts, clamps arrange for scaffolding, support system etc for erection in contractor scope etc, for fixing on walls/celing by using hanger rods welded/grounted and the brackets shall be given two coats of anti corrovise epoxy paint over a coat of primer etc., complete as per drawing or as per site requirements.						
	Make : Factory ready branded brackets also can be considered per approved makes list	Kg	130.00				
3.0	Excavating trenches in all sorts of soil of required width for pipes cables etc., including excavation for sockets and dressing of sides, ramming of bottoms depth upto 2.5 m including getting out the excavated soil and then returning the soil as required in layers not exceeding 20 cms in depth including consolidation danger lighting pumping out water removing the slush and sullage etc., and disposing the surplus excavated earth within a lead of 50 m or as directed. (Pipes exceeding 80 mm dia but not exceeding 300 mm dia).	Cum	160.00				

4.0	Providing Inspection chamber with 230 mm best quality approved table moulded bricks in CM 1:4 over a bed of 100 mm thick PCC 1:4:8 walls plastered inside smooth in CM 1:3 and outside in CM 1:6, necessary excavation in all sorts of soil, back filling, consolidation and disposing the surplus material within lead of 50 m or as directed, benching and channelling in PCC 1:2:4 as per drawing and supply and fixing of FRP frame and cover air tight fit to carry adequate loads as per the position of the chambers etc.The base & side walls of the chamber to be water proofed with water proofing plaster complete (Depth of chamber not exceeding 1.2 m).					
	600 x 600 mm clear opening (weight of frame and cover medium duty)	Each	30.00			
	450 x 450 mm clear opening (weight of frame and cover medium duty)	Each	RO			
5.0	Providing and fixing of square mouth gully trap complete with CI grating brick masonry chamber 115 mm thick using table moulded bricks in CM 1:4 over a bed of 75 mm thick PCC 1:4:8, internal and external plastering in CM 1:4, 12 mm thick supply and fixing of FRP frame and cover air tight fit to carry adequate loads as per the position of the chambers etc The quoted rate should include for necessary excavation in all sorts of soil, returning, filling, and connecting to chamber.The base & Side walls of the chamber to be water proofed with water proofing plaster etc., complete.					
	450 x 450mm 'P' or 'S' trap.	Each	41.00			
6.0	Providing and Construction of Manhole with best quality, approved table moulded bricks in CM 1:6, 500mm dia at top and 1200mm dia.at bottom over a bed of 250mm thick PCC 1:4:8, walls plastered smooth inside in CM 1:3 and outside with CM 1:3 with sponge finish, benching and channeling in PCC 1:2:4. supplying and fixing PVC steps as per drawing for maintenance. The manhole shall besupply and fixing of FRP frame and cover air tight fit to carry adequate loads as per the position of the chambers etc with . Circular 660mm dia. Clear opening etc., complete. The quoted rate shall also include for necessary excavation, refilling, disposing off surplus earth with in a lead of 300M etc., complete.					
	Depth upto 2.0 Mtrs.	Nos.	2.00			
	Depth upto 1.8 Mtrs.	Nos.	6.00			
7.0	Providing and fixing of grease trap / grease seperator for pantry/kitchen waste in SS fabricated as per standard size of 1200mmx1000mm detailed to seperate grease from waste water from kitchen embedded in complete with top cover CI grating and chamber in block/ brick masonry chamber 115 mm thick using table moulded bricks or cement blocks solid in CM 1:4 over a bed of 75 mm thick PCC 1:4:8, internal and external plastering in CM 1:4, 12 mm thick supply and fixing of 300 x 300 mm size CI frame and cover. etc., complete. (Location near STP)					
	1200mm x 800mm grease trap in SS 304 and chamber details as given above	Each	RO			
	TOTAL PART C					
PART C	RAIN WATER SYSTEM					
1.0	Supplying and Constructing brick Catch basin with '75' class designation bricks in cement motar 1:5 (1cement: 5 fine sand), precast RCC top slab in 1:2:4 Mix (1 cement: 2 coarse sand: 8 graded stone aggregate), with angle iron frame, inside plastring 12mmthick with CM 1:3 (1cement: 3 fine sand) finished very smooth with floating coat of neat cement & making channel in cement concrete 1:2:4 (1cement: 2 coarse sand: 4 gradedstone aggregate) neatly finished complete as per standard design and as per drawing.					
	(The rate shall include earth work excavation and back filling)					
a	Inside size of 600x 600mm & depth not exceeding 900mm as per dwgs including providing 450 x 450mm MS gratingwith 50 x 50 x 6mm thick with MS L angle frame.	No.s	22.00			
2.0	Supplying, installing, testing and commissioning of inline Filters for the Rain water pipes of approved taking adequate care to use solvent pasted to the PVC pipes with adequate supports etc all nuts bolts, screwed anchor type rods, at both bottom and top surface of connections as required per site conditions etc., complete.					
	Make - RAINY filters TM					
	160 mm dia	No.s	2.00			
	110 mm dia	No.s	RO			
3.0	Supplying, installing, testing and commissioning of Hume pipes laid to the required level and grade with collars joining in CM 1:3 and filling the excavated trench with approved quality saturated sand on sides, bottom and top surface of connections as required etc., complete.					
	Location: for External capping for crossover pipes or storm water					
	200mm dia	Mtr	RO			
	300mm dia	Mtr	RO			
	450mm dia	Mtr	RO			
	600mm dia	Mtr	RO			
4.0	Supply & Fixing of Rain water, side mounted or Vertical Khurrah as per the site condition of MOC C.I with all accessories etc complete as per detailed drawing.					
	160 mm pipe	Nos	10.00			
	110 mm pipe	Nos	4.00			
	75 mm pipe	Nos	4.00			

5.0	Supply and fixing (4 kg/cm2) class 'A' Rigid PVC pipes Conforming to IS 4985 (For Terrace Rain water & Balcony) of approved make with necessary specials like bend,shoe,grating,clamps, screws etc., including jointing the pipes and specials with solvent cement and cutting the pipes required lengths Rate quoted should include for moulded bends, enlarger & leaf trap complete at each outlet. etc., complete at all heights and depths. (Rain water only)					
	160 mm OD	Rmt	360.00			
	110 mm OD	Rmt	120.00			
	75 mm OD	Rmt	60.00			
	65 mm OD	Rmt	RO			
6.0	Supplying and Construction of Rain water recharge pit/well of size mentioned below upto 1500mm clear internal dimension for external storm water soaking with 50mm thick walls in concentric rings fixed in CM 1:4 over a bed of 100 mm thick . Fixing precast RCC grating of size 450 x 500mm on top surface flushed to the finished floor level with necessary excavation, back filling the selected excavated earth with all leads and lifts etc., complete.	Nos	10.00			
TOTAL PART C						
PART D	PUMPS & ACCESSORIES					
1.0	Collecting from store, installing/fixing, testing, & commissioning of approved make Monobloc Pump with level control float valve of adequate HP capable of giving required discharge at suitable head to work on single/3 phase 50Hz 400/400 V of specified capacity. Fixing the pump, providing delivery piping with UPVC/CPVC pipes with Brass MOC, NRV, wafer type butterfly valve aof approved make with necessary flanges, nuts, bolts, rubber insertions etc and piping (which is also operated under specific item in PART B o f BOQ) with standard starter panel and accessories, with Making necessary electrical connections with adequate length of cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor. Cost of electrical works is to be included under this item etc., complete. NOTE :(Only PUMP Will be Supply SSSCT)					
i	DOMESTIC TREATED WATER LIFT FROM UG.SUMP TO OHT Make: CRI/KIRLOSKAR/ TEXMO (1 Working + 1 Stand BY) Capacity : 5 LPS @ 35 m Head	set	3.00			
ii	FLUSHING WATER FROM STP TREATED WATER SUMP Make: CRI/KIRLOSKAR/ TEXMO (1 Working + 1 Stand BY) Duty : 8 lps Cum @ 55 m head	Set	1.00			
2.0	Collecting from store, installing/fixing, testing, & commissioning of approved make monobloc/Submersible Pump with float valve of adequate HP capable of giving required discharge at suitable head to work on single/3 phase 50Hz 400/400 V of specified capacity. Fixing the pump, providing delivery piping with UPVC/CPVC pipes with Brass MOC, NRV, wafer type butterfly valve aof approved make with necessary flanges, nuts, bolts, rubber insertions etc nd piping which is covered under specific item in PART 2 o f BOQ with standard starter panels and accessories, with Making necessary electrical connections with adequate length of cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor. Cost of electrical works is to be included under this item etc., complete. DEWATERING PUMP - BASMENT COLLECTION SUMP Make: CRI/KIRLOSKAR/ TEXMO (1 Working + 1 Stand BY) Duty :3lps Cum @ 25m head (1 Working + 1 Stand BY)	Set	RO			
3.0	Collecting from store, installing/fixing, testing, & commissioning of approved make Terrace Booster pump with in built pressure tank of adequate HP capable of giving required discharge at suitable head to work on single/3 phase 50Hz 400/400 V of specified capacity.Fixing the pump, providing delivery piping with UPVC/CPVC pipes with Brass MOC, NRV, wafer type butterfly valve aof approved make with necessary flanges, nuts, bolts, rubber insertions etc nd piping which is operated under specific item in PART 2 of BOQ with standard starter panels and accessories, with Making necessary electrical connections with adequate length of cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor. Cost of electrical works is to be included under this item etc., complete. DOMESTIC WATER FROM OHT TO RING MAINS FOR UPPER FLOORS ONLY Make:Grundfos/wilo Capacity : 1.5 LPS @ 10 m Head (1 Working + 1 Stand BY)	set	RO			
4.0	Collecting from store, installing/fixing, testing, & commissioning of approved make Submersible, Sewage sludge/ Cutter Pump with float valve of adequate HP capable of giving required discharge at suitable head to work on single/3 phase 50Hz 400/400 V of specified capacity. Fixing the pump, providing delivery piping with UPVC/CPVC pipes with Brass MOC, NRV, wafer type butterfly valve aof approved make with necessary flanges, nuts, bolts, rubber insertions etc nd piping which is covered under specific item in PART 2 o f BOQ with standard starter panels and accessories, with Making necessary electrical connections with adequate length of cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor. Cost of electrical works is to be included under this item etc., complete. SLUDGE PUMP -AT STP TO EXTERNAL SEWER NETWORK Make: CRI/KIRLOSKAR/ TEXMO (1 Working + 1 Stand BY) Duty : 3lps Cum @ 25 m head (1 Working + 1 Stand BY)	Set	1.00			

5.0	Collecting from store, installing/fixing, testing, & commissioning of approved make Submersible pump of adequate HP capable of giving required discharge at suitable head to work on single/3 phase 50Hz 400/400 V of specified capacity. Fixing the pump, providing delivery piping with UPVC/CPVC pipes with wafer type non return valve, butterfly valve of approved make with necessary flanges, nuts, bolts, rubber insertions etc with standard starter panels and accessories, operated in the item in PART 2 with Making necessary electrical connections with adequate length of cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor. Cost of electrical works is to be included under this item etc., complete.					
	To Pump rain water to Raw water sump or exteranl drain					
	Make:Grundfos/ CRI/Texmo					
	Duty : 4LPS @ 20m Head (1 Working + 1 Stand BY)	No.s	RO			
6.0	Collecting from store, installing/fixing, testing, & commissioning of approved make Submersible pump of adequate HP capable of giving required discharge at suitable head to work on single/3 phase 50Hz 400/400 V of specified capacity. Fixing the pump, providing delivery piping with UPVC/CPVC pipes with wafer type non return valve, butterfly valve of approved make with necessary flanges, nuts, bolts, rubber insertions etc with standard starter panels and accessories, operated in the item in PART 2 with Making necessary electrical connections with adequate length of cables (including making power supply connection from mains to the pump control panel) shall be carried out by electrical contractor. Cost of electrical works is to be included under this item etc., complete.					
	To Pump Domestic water from UG sumps at A & C blocks to respective OHTs					
	Make:Grundfos/ CRI/Texmo					
	Duty :4LPS @ 35m Head (1 Working + 1 Stand BY)	No.s	2.00			
	PHE WORKS - ELECTRICAL PANEL					
7.0	Supply, Installation, Testing and commissioning of starter panel and all electrical accessoeries for the pumps like trays cables switches etc complete					
	GI DWG FROM CONTRACTOR TO BE DETAILED PER ELECTRICAL CONSULTANT INPUTS	Set	RO			
	To be taken under electrical services					
	TOTAL PART D					
PART E	MISCELLANEOUS WORKS - CAN BE TAKEN IN CIVIL SCOPE					
1	Supply and Installation of GI Puddle Flanges for Underground Sumps					
	The work includes the supply and installation of GI (Galvanized Iron) puddle flanges for underground sumps. The puddle flanges will be used to provide a watertight seal at the penetration points of pipes passing through the sump walls or floor. The installation will be carried out as per the specifications and requirements outlined in the Sump drawing.Also includes appropriate anchoring or fixing of the flanges to the sump structure, as per the engineers recommendations and design requirements. etc. complete for efficient maintenance of the tanks. Approx. depth = 2-3 Mts					
	Municipal inlet GI puddle flanges (65mm dia)	No.s	1.00			
	Borewell inlet GI puddle flanges (75 mm dia)	No.s	1.00			
	Tanker water inlet GI puddle flange (100 mm dia)	No.s	2.00			
	Storm/Rain water inlet puddle flange (150 mm)	No.s	1.00			
	Pump rasing main Outlet GI puddle flange (65 mm dia)	No.s	3.00			
	Treated water inlet GI puddle flange (65 mm dia)	No.s	1.00			
	Raw water outlet to WTP GI puddle flange (65 mm dia)	No.s	2.00			
	overflow puddle GI flange (80 mm dia.)	No.s	3.00			
	vent puddle GI flange (65 mm dia.)	No.s	3.00			
	sleeve for level controller (65 mm dia)	No.s	3.00			
	Drain pipe for all tanks (65 mm dia)	No.s	3.00			
	WTP Backwash puddle flange (65 mm dia)	No.s	1.00			
	Note : All puddle flanges should be hot-dip galvanised.					
	PUDDLE FLANGES - UGS	SET	1.00			
2	Supply and Installation of GI Puddle Flanges for Over head tanks					
	The work includes the supply and installation of GI (Galvanized Iron) puddle flanges for underground sumps. The puddle flanges will be used to provide a watertight seal at the penetration points of pipes passing through the tank walls or floor. The installation will be carried out as per the specifications and requirements outlined in the drawing.Also includes appropriate anchoring or fixing of the flanges to the sump structure, as per the engineers recommendations and design requirements. etc. complete for efficient maintenance of the tanks					
	Approx. depth = 1.5 - 2.0 Mts					
	Pump rasing main fire/treated water GI puddle flange (65 mm dia)	No.s	1.00			
	Fire water outlet GI puddle flange (75 mm dia)	No.s	2.00			
	Treated water inlet from Fire tank GI puddle flange (65 mm dia)	No.s	1.00			
	Treated water outlet GI puddle flange (75 mm dia)	No.s	2.00			
	Flushing water inlet GI puddle flange (65 mm dia)	No.s	1.00			
	Flushing water outlet GI puddle flange (75 mm dia)	No.s	1.00			
	overflow puddle GI flange (80 mm dia.)	No.s	3.00			
	vent puddle GI flange (65 mm dia.)	No.s	3.00			
	sleeve for level controller (25 mm dia)	No.s	3.00			
	Drain pipe outlet for all tanks (65 mm dia)	No.s	3.00			
	Note : All puddle flanges should be hot-dip galvanised.					
	PUDDLE FLANGES - OHTs	SET	3.00			
3.0	Supplying all necessary material and constructing Sewage trench and storm water drain as per layout and details enclosed. Location - Block A and B					
	* Excavation in all types of soil upto 1.5m depth as per gradient including back filling disposing surplus earth upto a lead of 300 mtrs.					

	* Dressing the excavated area to desired slope and level.						
	* Providing and laying PCC 1:4:8 100mm thick						
	* Providing and constructing side walls & bottom slab of 100mm thick in RCC						
	* Finishing and plastering gutter face etc., complete						
	* Size :600mm wide and depth 600mm						
	The quoted rate shall exclude steel reinforcement.						
	To be taken up in CIVIL Quantity	RFT	RO				
4.0	Supply and Installation of MS or C.I Grating over basement waste water trenches of adequate width as per the adequate thickness, of factory ready MOC in G.I or M.S fabricated as per the architectdesign etc with all necessary civil works and finishes as per site incharge instructions. 450MM wide	Rmt	RO				
	Core Drilling & Sleeve Fixing						
5.0	Drilling with core cutting machine in RCC slabs/Beams, floors etc., for Laying pipes and rendering the same in RCC 1:2:4, finishing the same to the satisfaction of the owner or his authorized representative etc., including nominal reinforcement wherever required complete. The quoted rate shall also include for providing EPOXY based water proofing compound including grouting GP2 Conbextra/ Eurobuild or equivalent for sealing the joints around the pipes.						
	RCC beams						
	25mm dia upto 50 mm dia.pipes.	R.O					
	50mm dia upto 110 mm dia.pipes.	R.O					
	110mm dia. upto 160 mm dia.pipes.	R.O					
	RCC slabs						
	25mm dia upto 50 mm dia. Pipes.	R.O					
	50mm dia upto 110 mm dia. Pipes.	R.O					
	110mm dia. upto 160 mm dia. Pipes	R.O					
	RCC walls						
	25mm dia upto 50 mm dia. Pipes.	R.O					
	50mm dia upto 110 mm dia. Pipes.	R.O					
	110mm dia. upto 160 mm dia. Pipes.	R.O					
	Core drilling in Block walls (not exceeding 400 mm thick)						
	25mm dia upto 50 mm dia.pipes.	R.O					
	50mm dia upto 110 mm dia.pipes.	R.O					
	110mm dia. upto 160 mm dia.pipes.	R.O					
6.0	Supply of Indication Sticker and rendering, flow direction indicating arrows over all the drainage & water supply pipes etc related work, in pump room , terrace etc shafts as instructed by site in charge.	Lumpsum	1.00				
7.0	Any Additional Labour for temporary works						
	Plumber	Nos.	RO				
	Helper	Nos.	RO				
	TOTAL PART E						

SL.NO	SUMMARY - COMMON WORKS					SUPPLY	INSTALLATION
PART A	WATER SUPPLY SYSTEM - TERRACE, SHAFTS & EXTERNAL GROUND LEVEL PIPING						
PART B	SEWAGE & RAIN WATER SYSTEM						
PART C	RAIN WATER SYSTEM						
PART D	PUMPS & ACCESSORIES						
PART E	MISCELLANEOUS WORKS						
	TOTAL						
	GRAND TOTAL						
	ADD GST @ 18%						