

TENDER NO. SSSCT/PROC/24-25/E&P/41

Date: 14-03-2025

**TENDER DOCUMENT**

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



**WORKS TENDER NOTIFICATION  
THE WORKS OF DORMITORY CUM ROOMS BLOCK AT  
PRASANTHI NILAYAM- (C-BLOCK)**

*Address for communication:*

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

Website: [www.srisathyasai.org](http://www.srisathyasai.org)

Email: [ce@mail.sssct.org](mailto: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/24-25/E&P/041**

**Name of work: PHE works of Dormitory Cum Rooms Block at Prasanthi  
Nilayam- (C-block)– Estimated cost Rs.99Lakhs**

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 PHE works of Dormitory cum Rooms Block at Prasanthi Nilayam-(C-Block)

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](mailto: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-March-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-March-2025 at 11.00 AM

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**I-WORKS BID****INVITATION OF BIDS FOR THE PHE WORKS OF DORMITORY CUM ROOMS BLOCK AT PRASANTHI NILAYAM-(C-BLOCK)**

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	PHE works of Dormitory cum Rooms Block at Prasanthi Nilayam-(C-Block)
3.	Place at which Tender document available	Tender Document can be downloaded from Website: <a href="http://tenders.sssct.org/PHE_Work_at_C_Block_DCRB_PSN.pdf">http://tenders.sssct.org/PHE_Work_at_C_Block_DCRB_PSN.pdf</a>
4.	Earnest Money Deposit (EMD)	Estimated Value of the Bid <b>Rs.99 Lakhs</b> <b>EMD: 99,000/- (Rupees Ninety Nine thousand only)</b> To be paid by all the Bidders by bank Transfer as per the details below, at the time of submission of tender bid. <b>SSSCT PROJECTS-INDIAN FUNDS UTILIZATION</b> A/C No: 39117267217. IFSCODE:SBIN0010480 <b>STATE BANK OF INDIA, PRASANTHI NILAYAM</b>

5.	Security Deposit	Further Security Deposit of 1.5% is to be paid by the selected Bidder
6.	Last Date for Submission of Bid	<b>28.03.2025</b> (Until 11.00 AM)

### **1. PROCEDURE FOR BID SUBMISSION:**

The Bidder shall submit the Bids on or before 28.03.2025 (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](mailto: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:** PHE works of Dormitory cum Rooms Block at Prasanthi Nilayam- (C-Block)
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:** 165 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](mailto:ce@mail.sssct.org)**

**20.→ [All Technical queries Cell no-9398985071\(“Gangi Reddy”\).](https://maps.app.goo.gl/8wErz5WksHFKF7PX8)**

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		

	<b>For 2022-23:</b>		
	<b>For 2024-25:</b>		
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

<b>Sl No</b>	<b>List of the Documents (Duly attested by the Authorized person on all the documents)</b>
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

BOQ FOR PLUMBING WORKS AT C- BLOCK - DORMITORY CUM ROOMS BLOCK, PSN					
SI NO	Description	Unit	QTY	RATE	Amount
<b>PART A</b>	<b>WATER SUPPLY SYSTEM -</b>				
1.0	Supply and Fixing of approved make <b>Chlorinated Polyvinyl Chloride pipes (CPVC) of SDR 11</b> confirming <b>IS 15778</b> 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, FAPT tee, FAPT elbow conforming to ASTM - D 2846, up to 50 mm dia etc where connection with metal is to be made including cutting holes and chases in walls and floors and refilling it 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. Joints to be made with CPVC solvent as per ASTM F 493 etc complete. ( <b>Internal, supply pipes in SHAFTS AND WALLS or floor only</b> )				
	<b>Make : Astral / Ashirwad</b>				
	<b>DOMESTIC treated water: and flushing water</b>				
	20 mm	Rmt	3,810		
	25 mm	Rmt	1,100		
	<b>Shafts - verticals</b>				
	32 mm	Rmt	290		
	40 mm	Rmt	310		
	50 mm	Rmt	255		
	<b>HOT WATER</b>				
	25 mm RETURN LINE	Rmt	780		
	25 mm	Rmt	740		
	32 mm	Rmt	540		
2.0	<b>Same as above optionally Scheduled pipes can also be considered.</b>				
	<b>TERRACE FLOOR WATER SUPPLY</b>				
	32 mm dia	Mtr	RO		
	40 mm dia	Mtr	254		
	50 mm dia	Mtr	280		
	65 mm dia	Mtr	320		
	75 mm dia	Mtr	310		
3.0	Supply and wrapping <b>thermal Protection</b> by wrapping elastomeric material on hot-water pipe-work adhesive FRP tape should be wrapped over the insulated pipe-work with proper overlapping etc complete				
	20 mm	Rmt	RO		
	25 mm	Rmt	RO		
	32 mm	Rmt	RO		

4.0	Supply and fixing of lever operated Forged Threaded <b>Brass Ball valve</b> 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. The quoted rate shall also include the cost of the union, nipples etc., complete.				
	20 mm dia (Screwed ends)	Nos	20		
	25 mm dia (Screwed ends)	Nos	15		
	32 mm dia (Screwed ends)	Nos	10		
	40 mm dia (Screwed ends)	Nos	40		
	50 mm dia (Screwed ends)	Nos	40		
	65 mm dia (Screwed ends)	Nos	R0		
	75 mm dia (Screwed ends)	Nos	R0		
5.0	Providing, fixing, testing and commissioning of approved make <b>Butterfly valves</b> BV with the following specifications: <b>Make : ZOLOTTO</b>				
	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.	3		
	65 mm dia	Nos.	3		
	80 mm dia	Nos.	3		
	<b>TOTAL PART A</b>				
<b>PART B</b>	<b>SEWAGE SYSTEM</b>				
1.0	Supply and fixing of <b>Type - B SWR PVC pipe</b> 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., 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. <b>Note : ( Internal pipes in toilets drainage pipes )</b>				
	<b>Make : Supreme /astral</b>				
1.1	HORIZONTAL PIPES LAID IN SUNKEN AREAS AND WALLS-				
	a) 75 mm OD	Rmt	780		
	b) 110 mm OD	Rmt	590		
1.2	VERTICALS IN SHAFTS PIPES :				
	a) 75 mm OD	Rmt	1,880		
	b) 110 mm OD	Rmt	1,880		
	c) 160 mm OD	Rmt	R0		
	d) 63 mm OD ventilation pipe	Rmt	R0		

2.0	Supply and fixing of <b>class III (6 kg/cm<sup>2</sup>) Rigid PVC pipes</b> ( as per IS - 4985 ) jointed / pasted solvent cement of good quality lubricant and ringfit for verticals in shafts laid as waste line under floor / under ceiling / on walls with necessary bores in foundation, walls, ceiling etc., and rendering the bores in CM 1:4 etc., complete. <b>(For wash basin &amp; sink outlet only )</b>				
	<b>Make : Supreme /astral</b>				
	a) 40 mm OD	Rmt	780		
	b) 50 mm OD	Rmt	RO		
3.0	Supply and fixing, of PVC " <b>Floor trap</b> " with (heavy duty hinged type) brass CP grating frame and cover (150mm x 150mm). CP grating of 6mm thick with rim including setting in floor with white cement mortar and making good the floor. Trap of 100mm dia. Inlet and 75mm dia outlet jointed to drainage pipes and seated firmly in sleeves provided in slab and grouting the joint between rim of the floor trap and concrete with suitable silicone sealants.				
	<b>Make : Supreme /astral</b>	Nos	580		
4.0	Supply and fixing, of PVC " <b>P trap</b> " with (150mm x 150) from all waste water pipe connected to soil pipe with solvent cement and making good the floor level. Trap of 100mm dia. Inlet and 75mm dia outlet jointed to drainage pipes and seated firmly in sleeves provided in slab and grouting the joint between rim of the floor trap and concrete with suitable silicone sealants.				
	<b>Make : Supreme /astral</b>				
	a) 110 mm dia	Nos	RO		
	b) 75 mm dia	Nos	RO		
5.0	Supplying, <b>supports ready factory made G.I slotted wall brackets</b> 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/ceiling by using hanger rods welded/grouted and the brackets shall be given two coats of anti corrovisse 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	550		
6.0	Providing <b>Inspection chamber</b> 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). <b>Location: Basement</b>				
	600 x 600 mm clear opening (weight of frame and cover	No.s	10.00		

	medium duty)				
	450 x 450 mm clear opening (weight of frame and cover medium duty)	No.s	RO		
7.0	Providing and fixing of <b>square mouth gully trap</b> 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.	No.s	4.00		
8.0	Providing and Construction of <b>Manhole</b> 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 be supply 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.	RO		
	Depth upto 1.8 Mtrs.	Nos.	RO		
9.0	<b>Excavating trenches in all sorts</b> 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 sillage 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	50		
	-				
	<b>TOTAL PART B</b>				
<b>PART C</b>	<b>RAIN WATER SYSTEM:</b>				
1.0	Supplying and Constructing brick <b>Catch basin</b> with '75' class designation bricks in cement mortar 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 plastering 12mm thick 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 graded stone 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 grating with	No.s	12.00		



	50 x 50 x 6mm thick with MS L angle frame.				
2.0	Supplying, installing, testing and commissioning of <b>inline Filters</b> for the <b>Rain water pipes</b> 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	RO		
	110 mm dia	No.s	2.00		
3.0	Supplying, installing, testing and commissioning of <b>Hume pipes</b> 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 <b>Vertical Khurrah</b> 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	RO		
5.0	Supply and fixing (4 kg/cm <sup>2</sup> ) class 'A' Rigid <b>PVC pipes</b> 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	310.00		
	110 mm OD	Rmt	110.00		
	75 mm OD	Rmt	50.00		
	65 mm OD	Rmt	RO		
<b>TOTAL PART C</b>					
<b>TOTAL - PART - A</b>					
<b>TOTAL - PART - B</b>					
<b>TOTAL - PART - C</b>					
<b>SUB TOTAL</b>					
<b>ADD GST @ 18%</b>					