

**THE STATE TRADING CORPORATION OF INDIA LIMITED**  
**JAWAHAR VYAPAR BHAWAN, TOLSTOY MARG, NEW DELHI**  
**(A GOVT. OF INDIA ENTERPRISES)**

**NOTICE INVITING TENDER**

STC/HC/RRWH/2013-14/II.

Dt. 17.10.2013.

**Name of work:       Roof Rain Water Harvesting and Ground Water Recharging Systems for C&D Block at STC Housing Colony, Mehrauli Road, New Delhi.**

I, **S.C.Dass, Dy. General Manager (Civil)** of **STATE TRADING CORPORATION OF INDIA LTD.,** having Regd. Office at **JAWAHAR VYAPAR BHAWAN, 1, TOLSTOY MARG, NEW DELHI – 110 001,** hereby invite tender for the above mentioned as per the B.O.Q. in two envelope systems i.e. **Technical Bid & Financial Bid.**

1.       The tender copies can be had from **Office of the Dy. General Manager (Civil), STC Of India Ltd., 20<sup>th</sup> Floor, Jawahar Vyapar Bhawan, Tolstoy Marg, New Delhi – 110 001** during working hours from **18.10.2013 to 28.10.2013** on all working days between **11.00 A.M.** and **4.00 P.M.** on payment of a non-refundable cost of Tender Documents of **Rs.1,000/- (Rupees one thousand only)** in the form of Demand Draft/banker's cheque in favour of **STATE TRADING CORPORATION OF INDIA LTD,** payable at **NEW DELHI.** The tenders can be downloaded from STC/Govt. website for which cost of tender documents i.e. Rs. 1,000/- is to be deposited in the form of Demand Draft/Banker's Cheque along with the Technical Bids.
2.       The Technical Bid & Financial Bid should be submitted in two separate sealed covers, subscribed Technical Bid & Financial Bid respectively. Both covers should be put in one big envelope super scribed "**Roof Rain Water Harvesting and Ground Water Recharging Systems for C&D Block at STC Housing Colony, Mehrauli Road, New Delhi**" and addressed to the Dy. General Manager, **THE STATE TRADING CORPORATION OF INDIA LTD.,** and should be dropped in the **Tender Box** placed on the Ground Floor with Reception at **JAWAHAR VYAPAR BHAWAN, TOLSTOY MARG, NEW DELHI – 110 001,** not later than **3.00 PM** on **29.10.2013.** The Tender (Technical Bids) will be opened on same day at **3.30 P.M.** at the same place in presence of Contractors or their authorized representatives if they wish to be present.
3.       Tenders, duly filled in as stipulated above, should be dropped in the **Tender Box** mentioned at para (2) above. **NO OTHER FORM OF DELIVERY IS ACCEPTABLE** and tenders not dropped in the tender box shall be summarily rejected.

**(S.C.DASS)**  
**DY. GENERAL MANAGER (CIVIL)**  
For and on behalf of State Trading Corporation of India Ltd.

**THE STATE TRADING CORPORATION OF INDIA LIMITED**

**JAWAHAR VYAPAR BHAWAN, TOLSTOY MARG, NEW DELHI  
(A GOVT. OF INDIA ENTERPRISES)**

STC/HC/RRWH/2013-14/II.

Dt. 17.10.2013.

**TENDER NOTICE**

**Name of work: Roof Rain Water Harvesting and Ground Water Recharging Systems for C&D Block at STC Housing Colony, Mehrauli Road, New Delhi.**

Sealed item rate tenders are invited from the experienced contractors, who had executed similar type of works in CPWD, PWD, MCD, DDA, P&T, PSU's, Semi-Govt. departments, MNC's, for the above mentioned work. Documents from clients to be attached.

The parties having experience in Rain Water Harvesting as well as Civil Contractors having experience in Drilling/Boring/Tube well and are capable to execute the subject work, are eligible to participate in the tender. However, the parties are required to submit experience certificate in lieu of that having completed the same successfully during the last 7 years ending September, 2013 as per details given below :-

- (a) 1 similar completed works costing not less than the amount Rs. 17,00,000/-.
- (b) 2 similar completed works costing not less than the amount Rs. 11,00,000/-.
- (c) 3 similar completed works costing not less than the amount Rs. 9,00,000/-.

Sealed tenders based on this notice and terms & conditions and Bill of Quantities attached along with a **Cross Bank Draft for Rs. 42,000/- (Rupees forty two thousand only)** in favour of '**The State Trading Corporation of India Ltd.**' towards EMD should be furnished and put in the **Tender Box** kept at **Ground Floor (Reception), Jawahar Vyapar Bhawan, Tolstoy Marg, New Delhi – 110 001** on **29.10.2013 by 3.00 PM**. Tender delivery by post or by Courier shall be summarily rejected. Only tenders dropped in the **Tender Box** shall be considered. The tenders (Technical Bid) shall be opened at **3.30 PM** on the same day **at** the same place, in the presence of tenderers who may wish to be present. The tender without requisite Earnest Money shall be summarily rejected. The Earnest Money deposit of the unsuccessful tenderers shall be refunded within a month of opening of the tenders and no interest will be paid on it.

STC, reserves the right to cancel or reject any or all the tenders without assigning any reasons thereof.

No corrections/overwriting in the quotations etc., will be allowed and shall be summarily rejected.

Each tender document is required to be signed by the tenderer in token of his/their having acquainted himself/themselves with the Tender Notice and Terms & Conditions. The rates quoted in the tender should be firm and for all heights and levels and inclusive of all charges of materials, scaffolding, tools and plants, labour and fluctuations in the market rates, VAT, Service Tax, sales tax, excise duty, octroi and other taxes etc.

Quantities mentioned in the schedule are approximate and subject to change. No compensation will be paid on account of reduction in quantity of any item of work. Payment shall be made on actual executed quantity. The quoted rates are valid for the actual quantities of work executed. No escalation on any account shall be paid on the quoted rates during the period of contract and also during the duly sanctioned extension of time, if any.

The work shall not be considered as complete until the Engineer Incharge, STC has certified in writing that the same has been virtually completed and defect liability period shall commence from the date of issue of such certificate. Virtual completion certificate will not be issued until the contractor shall clear the site of all malba, scaffolding, surplus materials and huts etc. and remove all dirt and dust from the site.

The contractor shall acquaint himself with the site conditions and make his own arrangements for storage of materials at site. No material shall be supplied departmentally.

The quantity and quality of materials to be used shall be got approved from the Engineer Incharge, STC before execution of work. The contractor will rectify the defects pointed out to him by Engineer Incharge, STC and shall remove from the site all the rejected materials immediately.

The contractor will indemnify STC for any injury or accident to any person(s) employed by him, to the residents and for any damage to any structure or any part of the property which may arise due to operation/negligence of the contractor or of its workers while executing the work.

**TDS, WCT and Service Tax as applicable thereon will be deducted from the running account bills/final bill as per prevailing rates.**

The rates quoted by the tenderers shall be valid for acceptance for a period of **90 days** from the date of opening of the tender.

The rates shall be quoted only in the Bill of Quantity and each page of tender shall be signed.

While quoting the rates, the word “**only**” should be written closely following the amount and it should not be written in the next line.

The tenderer should not arrange witness on tender form, from a person who has tendered for the same work.

The tenderer shall not sublet the work to other contractor.

No condition/deviation which is either additional or in modification of tender conditions shall be included in the bid/tender submitted by the tenderer. If the tender contains any such condition or deviation from the tender conditions, the same shall be summarily rejected.

In the event of the tender being submitted by a partnership firm, it must be signed by each partner thereof, and further it must also disclose that the firm is duly registered under the Indian Partnership Act, 1932.

The contractor upon award of the work shall comply with all the required statutory provision e.g. Payment of Wages Act, Apprentice Act, Workmen's Compensation Act, Contract Labour (Regulation & Abolition) Act, Industrial Disputes Act, Maternity Benefit Act, etc. and the rules made thereunder from time to time. If any claim, on account of non-compliance of the above laws by the contractor arises against the STC, the tenderer shall indemnify the STC. The Engineer Incharge, STC shall have the right to deduct from the money due to the contractor any sum required or estimated to be required for making good the loss suffered by a worker or workers.

The tender documents can be purchased from **Shri S.C.Dass, Dy. General Manager (Civil) at 20<sup>th</sup> Floor, Jawahar Vyapar Bhawan, New Delhi**, on any working day between **11.00 AM to 4.00 PM** on payment of a non-refundable fee of **Rs. 1,000/-** in the shape of Demand Draft/Banker's Cheque in favour of "**STC Of India Ltd.**", payable at **New Delhi** upto **28.10.2013**. The tenders can be downloaded from STC/Govt. website for which cost of tender documents i.e. Rs. 1,000/- is to be deposited in the form of Demand Draft/Banker's Cheque along with the Technical Bids.

The tenderers are advised to inspect the site and satisfy themselves of site conditions before submitting their tenders. A tenderer shall be deemed to have full knowledge of the site whether he inspects it or not and no extra charges consequent upon any misunderstanding or otherwise shall be allowed.

This notice of tender shall form a part of the contract agreement.

**(S.C.DASS)**  
**DY. GENERAL MANAGER (CIVIL)**  
For and on behalf of State Trading Corporation of India Ltd.

**THE STATE TRADING CORPORATION OF INDIA LIMITED**  
**JAWAHAR VYAPAR BHAWAN, TOLSTOY MARG, NEW DELHI**  
**(A GOVT. OF INDIA ENTERPRISES)**  
**TERMS & CONDITION**

**Name of work:       Roof Rain Water Harvesting and Ground Water Recharging Systems for C&D Block at STC Housing Colony, Mehrauli Road, New Delhi.**

The following are the terms & conditions for the above mentioned work:-

1.       The work will be executed strictly as per specifications by the contractor to the entire satisfaction of the Engineer Incharge, STC and time period of completion will be **60 days** to be reckoned from the 7<sup>th</sup> day of the date of written order from the STC to the contractor to commence the work.

The contractor, before commencing the work, shall prepare a detailed work programme, which will be approved by STC.

In case, the successful tender does not commence the work by stipulated date in terms of Award Letter, EMD shall stand forfeited, in addition to recovery of other damages/losses caused to STC on this account. The party shall also be Black Listed to participate in all subsequent tenders.

2.       **SECURITY DEPOSIT**  
Security Deposit @ 10% will be deducted from the bills of contractor and no interest will be paid on the above amount.
  - (I) The Earnest Money Deposited by the successful tenderer along with the tender shall be adjusted against the Security Deposit.
  - (II) Total security deposit as deducted on the above basis shall be refunded without interest by STC after **twelve month** from the date of completion of the work and after due certification by Engineer Incharge, STC that no defects have been noticed in the work.
3.       If the contractor desires an extension of time of completion the work on the grounds of having been unavoidable hindrance in its execution, he shall apply in writing to the Engineer Incharge, STC about the hindrance on account of which he desires such extension as aforesaid and the Chief General Manager (P&A), STC shall authorize such extension of time as may be deemed fit in his opinion. No application for extension of time shall be considered by STC under this clause unless it is made by the contractors before scheduled date of completion of work.
4.       If the contractor fails to complete the work in time including approved extended time period of completion, a penalty for non-completion of the work @ **1%** of the contract value for each day of delay including holidays subject to maximum of **10%** of the tendered value of work. The decision of STC in this regard, shall be final and binding on the contractor.

5. STC may at its discretion, change or alter any specifications or design during the course of execution of the work and the contractor shall have no objection to the same.
6. The contractor shall execute an agreement on non-judicial stamp paper of Rs. 100/- within one week's time from the date of issue of award work as per approved proforma. The cost of stamp paper shall be borne by the party. This notice of tender duly signed on each page shall form a part of the contract agreement.
7. All payments to the contractor shall be released by STC on the basis of work and amount certified by Engineer Incharge, STC.
- 8.. The contractor shall submit the bills in duplicate, giving complete description of items of work done strictly as per Bill of Quantities.
9. The rates quoted shall be inclusive of all the taxes viz **VAT, WCT, Service Tax etc.**, for all tools and plants and everything necessary for proper execution of work to the entire satisfaction of STC and no escalation due to increase in price of materials/labour shall be made.
10. The Contractor is to fully indemnify STC of India against any type of loss/accident caused due to the negligence of contractor and he should take all precautions for smooth execution of the work.
11. The contractor shall obtain Contractor's All Risks (CAR) Insurance Policy/Third Party Insurance Policy and Workmen Compensation Policy in joint name of STC Of India Ltd. and contractor, with STC's name appearing first, for appropriate value which shall remain valid till the completion of work.
12. In case of any disputes, decision of Chief General Manager (P&A.), STC, New Delhi will be binding on both the parties.
13. The Contractor shall make his/their own arrangements for water and power supply for execution of work, in case water and electricity supplied by the STC, **1%** for each i.e. water & electricity totaling to **2%** of the bill amount will be recovered from the contract.
14. The bidder shall assure the support to maintain the work for at least one year.
15. The ex-employee of the Corporation i.e. STC is/are not permitted to participate in the tender/quotation.
16. The terminated/de-barred/Black Listed party from any organizations such as Govt./Semi-Govt./Private/PSUs/MNCs etc., are not allowed to participate in the said tender enquiry. The bidder has to produce self attested certificate in this regard. If the bidder deliberately gives wrong information in this tender, the same is liable for rejection at any stage and EMD and/or Security Deposit shall be forfeited by the Corporation.
17. It is intention of STC that all payments to the contractor shall be effected by EFT. All tenderers should confirm that they are agreeable to this and are prepared to sign any third party agreement as may be requested by the bank.

18. The tenderer shall seal the tender in one big envelope containing two sealed envelopes duly marking on the envelopes as under:-
- A) First envelope shall be marked “**Technical Bid**” along with the following details in the envelope:
- (i) EMD of Rs. 42,000/- (Rupees forty two thousand only).
  - (ii) Tender documents duly stamped & signed.
  - (iii) Experience certificate issued by the client mentioning among other things, the name of the work, project undertaken, location, owner, or sponsoring organization, value of work, date of commencement and completion of work and a certificate that the work has been carried out satisfactorily. In the case of composite contract, the value of work of rain harvesting system must be indicated separately.
  - (iv) Name, Telephone Numbers and address of the contractor.
  - (v) DD/Pay Order of **Rs. 1,000/-** towards documents cost, if downloaded from STC/Govt. website.
  - (vi) A copy of PAN Card.
  - (vii) A copy of Sales Tax Registration No. and Service Tax Registration and/or any one of them.
  - (viii) Self attested certificate as per Clause 16 of Terms & Conditions.
- (B) Second envelope marked as “**Financial Bid**” for
- (i) Tender’s Schedule of Quantity duly stamped and signed.
  - (ii) Name, Telephone Numbers and address of the contractor.
19. The first envelope shall contain the Technical Bid, Earnest Money Deposit and all the pre-qualification documents required for eligibility experience and qualification whereas the second envelop shall contain only the Financial Bid clearly marked in bold letters as ‘**FINANCIAL BID**’. First envelope shall be opened on **29.10.2013** at **3.30 PM** and the second envelope containing ‘**FINANCIAL BID**’ of only those tenderers who have qualified in the technical bid shall be opened after pre-qualification of the tenderers. The date and time of opening the price bids shall be intimated to the pre-qualified tenderers later on.

**(S.C.DASS)**  
**DY. GENERAL MANAGER (CIVIL)**  
For and on behalf of State Trading Corporation of India Ltd.

**THE STATE TRADING CORPORATION OF INDIA LTD.:NEW DELHI**  
**JAWAHAR VYAPAR BHAWAN, TOLSTOY MARG, NEW DELHI**

**SCHEDULE OF QUANTITIES**

**Name of work: Roof Rain Water Harvesting and Ground water Recharging Systems for C&D Blocks at STC Housing Colony, Mehrauli Road, New Delhi.**

**A. Construction of existing recharge pits in D Blocks.**

<b>S. No.</b>	<b>Particulars</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate Rs.</b>	<b>Amount Rs.</b>
1	Demolishing bottom cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge Nominal concrete 1:3:6 or leaner mix (i/c equivalent design mix) existing pit.	4.54	cum		
2	Disposal of building rubbish /malba/similar unserviceable dismantled or waste material by mechanical means, including loading, transport in unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	90.00	cum		
3	Supplying, assembling, lowering and fixing in vertical position in bore well, un plasticized PVC medium well screen (RMS pipe of required dia, conforming to IS: 12818, including required hire and labour charges, fittings &	30.00	m		



	accessories etc. all complete, for all depths, as per direction of Engineer - in-charge. 200 mm nominal size dia				
(a)	Filter arrangement Supplying, filling, spreading & leveling course sand of size range 1.5 mm to 2 mm, in recharge pit, in the required thickness over gravel layer, for all leads & lifts, all complete as per direction of Engineer-in-charge.- first layer.	45.00	cum		
(b)	Supplying, filling, spreading & leveling gravels of size range 5 mm to 10 mm, in recharge pit over the existing layer of boulders, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.-second layer.	27.00	cum		
(c)	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.-third layer.	18	cum		
(d)	Mesh on covering 3rd layer (foam sponge sheet-50mm thick) rates taken on lump sum basis)	45	sqm		
(e)	Supplying, filling, spreading & leveling stone boulders of size range 5 cm to 20 cm, in recharge pit, in the required thickness, for all leads & lifts, all complete as per direction of Engineer-in-charge.-in bore.	0.942	cum		

(f)	Providing and fixing in position precast R.C.C. manhole cover and frame. Rectangular shape 600x450mm internal dimensions.	6 nos.	each		
TOTAL					
(Rupees .....only)					

**(SIGNATURE OF THE TENDERER WITH SEAL)**

### B. Construction of Water Collection Chambers for D Blocks

S. No.	Particulars	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Demolition cement concrete/ road surface manually/ mechanical means including disposal of material within 50 metres lead as per direction of Engineer-in-Charge. - Nominal concrete 1:4:8 or leaner mixed.	2.10	cum		
2	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.. All kinds of soil.	21.00	cum		
3	Providing and laying in position cement concrete of specified excluding the cost of centering and shuttering - All work up to plinth level grade 1:3:6 (1 Cement : 3 fine sand : 6 graded stone aggregate 40mm nominal size).	2.10	cum		
4	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand).	75.60	sqm		
5	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix 1:4 (1 cement: 4 fine sand).	97.44	sqm		
6.	Providing and fixing factory made precast RCC perforated drain	42 nos.	each		

	covers, having concrete of strength not less than M-25, of size 1000 x 450x50 mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x 1.6 mm complete, all as per direction of Engineer-in-charge				
TOTAL					
(Rupees.....only)					

**(SIGNATURE OF THE TENDERER WITH SEAL)**

**C. Providing & laying PVC pipe line for D Blocks.**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Qty.</b>	<b>Unit</b>	<b>Rate (Rs)</b>	<b>Amount (Rs)</b>
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix)	24.00	cum		
2	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift up to 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.All kinds of soil.	51.20	cum		
3	Providing & laying PVC blind pipe 200 mm dia as per IS: 12818 including sockets in position as directed by Engineer-in-Charge	80.00	m		
4	Providing & laying PVC blind pipe 150 mm dia as per IS: 12818 including sockets in position as directed by Engineer-in-Charge.	80.00	m		
5	Filling available excavated earth in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering, lead up to 50 metres and lift up to 1.5 metres.	70.00	cum		
<b>TOTAL</b>					
(Rupees.....only)					

**(SIGNATURE OF THE TENDERER WITH SEAL)**

**D. COST TOWARDS RRWH SYSTEM FOR D BLOCKS**

Sl. No.	Items	Qty	Amount (Rs.)
1	Construction of existing recharge pits in D Blocks As per "A".	2 nos	
2	Construction of water collection chambers for D Blocks. As per "B".	21 Nos.	
3	Providing & laying PVC pipe line for D Blocks. As per "C".	160 m	
<b>Total</b>			
(Rupees..... <div style="text-align: right;">.....only</div>			

**(SIGNATURE OF THE TENDERER WITH SEAL)**

**E. Construction of U.G. Tank T1 & T2 near Block C-1& C-2.**

Sl.	ITEM	Qty.	Unit	Rate (Rs)	Amount (Rs)
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.- <b>All kinds of soil.</b>	180.00	Cum		
(a)	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials. All kinds of soil <b>All kinds of soil.</b>	180.00	Cum		
(b)	Extra for every additional lift of 1.5 m or part thereof in excavation /banking excavated or stacked materials. All kinds of soil <b>All kinds of soil.</b>	24.00	Cum		
2	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level grade 1:3:6 (1 Cement : 3 fine sand : 6 graded stone aggregate 40mm nominal size).	24.00	Cum		
3	Providing and laying in position specified grade of reinforced cement concrete, excluding the cost of centering, shuttering, finishing and reinforcement - All work up to plinth level 1:2:4 (1 cement : 2 coarse sand : 4 graded stone aggregate 20mm nominal size).	47.90	cum		
4	Steel reinforcement for RCC work including straightening, cutting bending, placing in position and binding all complete up to plinth level.				

(a)	Mild steel and Medium Tensile steel bars	10.00	quintal		
(b)	Hot De-formed Bars.	50.00	quintal		
5	Form work Centering and shuttering including strutting, propping etc. and removal of form for :				
(a)	Walls (any thickness) including attached pilasters, buttresses, plinth and string courses etc	532.80	sqm		
(b)	Roof/slab -Suspended floors, roofs, landings, balconies and access platform	84.00	sqm		
6	12 mm cement plaster finished with a floating coat of neat cement 1:4 (1 cement: 4 fine sand)	466.08	sqm		
7	Extra for providing and mixing water proofing material in cement plaster work in proportion recommended by the manufacturers-Per bag of 50 kg cement used in the mix	104 bags	each		
8	Finishing walls with water proofing cement paint of required shade New work (Two or more coats applied @ 3.84 kg/10 sqm)	208.80	sqm		
9	Providing & fixing in position pre-cast RCC manhole cover and frame - Rectangular shape 600x450 mm internal dimension	08 nos.	each		
10	Supplying & filling in plinth with Jamuna sand including ramming , consolidating and dressing complete	91.20	cum		
11	Providing and fixing "Swan" neck ventilator 100mm dia MS/ CI, including fixing mesh at the mouth of ventilator	08 nos.	each		
TOTAL					
(Rupees.....only)					

**(SIGNATURE OF THE TENDERER WITH SEAL)**



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**F. Cost estimate of proposed Chambers C Blocks.**

S. No.	Particulars	Qty.	Unit	Rate (Rs.)	Amount (Rs.)
1	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m. <b>All kinds of soil.</b>	30.00	cum		
2	Providing and laying in position cement concrete of specified excluding the cost of centering and shuttering - All work up to plinth level grade 1:3:6 (1 Cement : 3 fine sand : 6 graded stone aggregate 40mm nominal size).	3.00	cum		
3	Half brick masonry with common burnt clay F.P.S. (non modular) bricks of class designation 7.5 in foundations and plinth in : cement mortar 1:4 (1 cement : 4 coarse sand)-	108.00	sqm		
4	15 mm cement plaster on rough side of single or half brick wall finished with a floating coat of neat cement of mix 1:4 (1 cement: 4 fine sand)	139.20	sqm		
5	Providing and fixing factory made precast RCC perforated drain covers, having concrete of strength not less than M-25, of size 1000 x 450x50 mm, reinforced with 8 mm dia four nos longitudinal & 9 nos cross sectional T.M.T. hoop bars, including providing 50 mm dia perforations @ 100 to 125 mm c/c, including providing edge binding with M.S. flats of size 50 mm x	60 Nos.	each		

	1.6 mm complete, all as per direction of Engineer-in-charge				
TOTAL					
(Rupees.....only)					

**(SIGNATURE OF THE TENDERER WITH SEAL)**

**G. Providing & laying PVC pipe line for C Blocks.**

Sl. No.	ITEM	Qty.	Unit	Rate (Rs)	Amount (Rs)
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 meters lead as per direction of Engineer - in - charge. Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix	30.00	cum		
2	Earth work in excavation by mechanical means (Hydraulic excavator) /manual means in foundation trenches or drains (not exceeding 1.5 m in width or 10 sqm on plan), including dressing of sides and ramming of bottoms, lift upto 1.5 m, including getting out the excavated soil and disposal of surplus excavated soil as directed, within a lead of 50 m.1 All kinds of soil.	128.00	cum		
3	Providing & laying PVC blind pipe 200 mm dia as per IS: 12818 including sockets in position complete as directed by Engineer-in-Charge.	320.00	m		
4	Providing & laying PVC blind pipe 150 mm dia as per IS: 12818 including sockets in position complete as directed by Engineer-in-Charge.	80.00	m		
5.	Filling available excavated earth in trenches, plinth, sides of foundation etc. in layers not exceeding 20 cm. in depth, consolidating each deposited layer by ramming and watering, lead up to 50 metres and lift up to 1.5 metres.	146.00	cum		
TOTAL					
(Rupees.....only)					

**(SIGNATURE OF THE TENDERER WITH SEAL)**

**H. COST TOWARDS RRWH SYSTEM FOR C BLOCKS**

Sl. No.	Items	Quantity	Amount (Rs.)
1	Construction of U.G. Tank T1 & T2 near Block C-1& C-2. As per "E".	2 nos	
2	Construction of water collection chambers in C Blocks. As per "F".	30 Nos.	
3	Providing & laying PVC pipe line for C Blocks. As per "G".	400 m	
<b>Total</b>			
(Rupees.....)			.....only

**(SIGNATURE OF THE TENDERER WITH SEAL)**

**I. COST TOWARDS RRWH SYSTEM FOR C & D BLOCKS**

<b>Sl. No.</b>	<b>Description of work</b>	<b>Amount</b>
1	Construction of Roof Rain Water Harvesting System for C Blocks as per “H”	
2	Construction of Roof Rain Water Harvesting System for D Blocks as per “D”	
<b>TOTAL</b>		
(Rupees.....only)		

**(SIGNATURE OF THE TENDERER WITH SEAL)  
TENDERER’S ADDRESS WITH MOBILE NO.**