

Name of Work: Re-routing of 2 Nos. of 600 mm dia RCC main and 1 No. of 750 mm dia CI water mains with 2 Nos. 600 mm dia DI mains and 1 No. of 750 mm dia DI mains in Madhavaram-Redhills Road at Vadaperumbakkam.

Contract No: CNT/WSS/DEP/2005/2010-11.

CHECK LIST FOR THE GUIDANCE OF THE CONTRACTOR

I	The Tender schedule for the above work consists of 14 pages as detailed below:	
	(i)	Checklist for the guidance of the Contractors
	(ii)	Notice Inviting Tender
	(iii)	Letter of Tender 2 pages
	(iv)	Price Schedule
	(v)	Work schedule
	(vi)	Milestone
	(vii)	Drawing
II	1	The total number of items in the work schedule – 35 Nos. and the departmental value works out to Rs.26, 03,404.34.
	2.	Tenderers are requested to sign all pages in the tender schedule and must sign letter of tender. Tenders which do not have the Signature of the Tenderer in letter of tender will be rejected.
	3.	Technical specification of the equipment offered by the Bidders if any, and any other information related to the bid may be enclosed along with Tender Schedule after duly Signing in all the pages.
	4.	Bidders are requested to verify the number of pages in the work schedule and number of items in the work schedule. Any clarification and further information required may be obtained from the Office of the Contracts and Monitoring wing on any working day.
	5.	<p>The present tender document contains detailed estimate and price schedule. The tenderers are requested to quote the percentage variation over the departmental value in words and figures in any one of the forms in price schedule. If there is any discrepancy between words and figures, the lower among words and figures will be taken into account.</p> <p>All entries should be made legibly in ink. Writing the percentage variation first in pencil and later over writing in ink should be avoided and also over writing the corrections may be avoided.</p> <p>Corrections if any should be made by neatly scoring out the unwanted matter and rewriting legibly. Every such correction should be attested by the full signature of the tenderer.</p>

Signature of Tenderer

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6.	<p><u>Eligibility :</u> Contractors registered in Metro water in Class III A &amp; above i.e. those who are eligible to take up the work costing more than Rs.15.00 lakh are eligible to tender for this work. Contractors registered in other departments and undertakings of the Central or State Government in the corresponding class for taking up such work, who have executed similar works of the same or higher magnitude are also eligible to tender for this work. Contractors not Registered in the Board and who intend to participate in the tender, subject to their eligibility as above are requested to obtain a copy of the Standard tender document from the Office of the Contracts wing before submitting their Tender. They should furnish Proof for their registration in the appropriate class and experience as indicated above while submitting their tenders, otherwise their tenders will be treated as non responsive. The tender received from ineligible contractors will be treated as non responsive. However the successful tenderer will have to get himself registered in the Board in the appropriate class.</p>
7.	EMD shall be in the form of Demand Draft or Banker's Cheque or Pay Order drawn from Nationalised / Scheduled Bank / TNSC Bank in favour of CMWSS Board.
8.	<p><u>SECURITY DEPOSIT</u> Security deposit will be collected from the successful Tenderer in the following form and manner within 14 days from the date of receipt of work order: Form in which S.D. collected.</p> <p>a)</p> <p>In the shape of NSC/NSS/KVP/Post office Time Deposits valid for the required contract period and pledged in favour of Managing Director, CMWSS Board and shall have the necessary transfer endorsement of the Post Office. ( OR ) Fixed Deposit for the required period from nationalized/schedule Bank/TNSC Bank in favour of Managing Director, CMWSS Board. ( OR ) Certified cheque/Bank Draft in favour of Managing Director, CMWSS Board payable at Chennai.</p>
b)	The value of S.D will be as follows:
i)	for tenders with any plus percentage and upto (-)5% over departmental value – 2% of the contract value.
ii)	for tenders between (-)5% to (-)15% over departmental value --- 4% of the contract value.
iii)	for tenders, above (-)15% over departmental value --- 5% of the contract value.
9.	Milestone details for completion of works and details of penalty for the non completion of work are furnished in the Milestone at <b>Page No.13</b> . Tenderers are requested to take note of the details. The above details will be incorporated in the contract documents while executing agreement.

Signature of Tenderer

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10	All duties, taxes such as VAT, Sales Tax and Service Tax etc. and other levies payable by the contractor under the contract or for any other cause shall be included in the rates, prices and total quoted rates submitted by the bidder. Any statutory variations in duties/taxes, which take effect from a date subsequent to the due date for receipt of tender, shall be to CMWSS Board's Account.
11.	<u>Tender Validity</u> Tenders shall remain valid for a period of not less than ninety days (90 days) after the deadline date for bid submission. A tender valid for a shorter period shall be rejected by the Employer as non-responsive.
12.	No cheque will be accepted towards Earnest Money Deposit.
13.	Tenders with conditions are liable for rejection.
14.	All entries should be made legibly in ink. Writing the percentage in figures and words first in pencil and later over writing in ink should be avoided and also over writing the corrections should also be avoided.
15.	Correction if any should be made by neatly score out the unwanted matter and rewriting legibly. Every such correction should be attested by the full signature of the tenderer.
16.	The defects liability period in respect of original civil works and pipe laying works is 5 years

Signature of Tenderer

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Contract No: CNT/WSS/DEP/2005/2010-11.

CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD  
NO.1, PUMPING STATION ROAD, CHINTADRI PET, CHENNAI-600 002.

NOTICE INVITING TENDER

Sealed Bids are invited from the eligible bidders for the following work.

Sl. No	Name of Work and Contract No.	Due Date	Approximate value of Tender Rs/ Lakh	E.M.D. in Rs.	Tender schedule available From - To	Eligibility	Contract Period
1	Re-routing of 2 Nos. of 600 mm RCC main and 1 No. of 750 mm dia CI water mains in Madhavaram-Redhills Road at Vadaperumbakkam. CNT/WSS/DEP/2005/2010-11.	30.06.2010	26.03	23,050/-	10.06.2010 to 29.06.2010	Class III A & above	120 days
2.i	Availability of Bid Document In person	Information & Facilitation Officer, CMWSS Board, No. 1 Pumping Station Road, Chintadripet, Chennai-600002, (Telephone: 044-28451300, Extn. 227 )					
2.ii	Through Website	<a href="http://www.chennaietrowater.tn.nic.in">www.chennaietrowater.tn.nic.in</a> & <a href="http://www.tenders.tn.gov.in">www.tenders.tn.gov.in</a>					
3	Cost of Bid Document	Free					
4	Address for information and clarifications and for receipt of tenders	Office of Superintending Engineer, Contracts & Monitoring, 4 <sup>th</sup> Floor, CMWSS Board, Chennai – 600 002 Phone No. 044-2845 1300 Extn. 253 FAX : 044-2845 4336					

SUPERINTENDING ENGINEER  
(CONTRACTS & MONITORING)

Signature of Tenderer

Name of Work: Re-routing of 2 Nos. of 600 mm dia RCC main and 1 No. of 750 mm dia CI water mains with 2 Nos. 600 mm dia DI mains and 1 No. of 750 mm dia DI mains in Madhavaram-Redhills Road at Vadaperumbakkam.

Contract No: CNT/WSS/DEP/2005/2010-11.

### LETTER OF TENDER

To be delivered to the Superintending Engineer, C&M Chennai Metropolitan Water Supply and Sewerage Board at or before 3.00 P.M. on **23.06.2010**.

To  
The Managing Director  
Chennai Metropolitan Water Supply & Sewerage Board  
Chennai- 600 002  
Sir,

I/We the undersigned do hereby tender and undertake to perform, provide and execute all the works, materials matters and things described or mentioned in the Schedule (Bill of quantities) hereto annexed and the specifications thereto and drawings therein referred to (which have been produced to and carefully examined by me/us) in strict accordance with and under and subject to the terms, provisions and conditions set forth or mentioned in the said Schedule (Bills of Quantities) specifications and the drawings therein referred to, at the rates given and as stated in the Bills of quantities.

I/We herewith enclose D.D/B.C./P.O No..... dated .....for having remitted Rs..... into the Board's Cash Section as a guarantee for the due fulfillment of my/our tender, and if successful, undertake and agree to forward to the Board within fourteen days after the notification of the acceptance by the Board of this tender has been received by me/us, the sum as demanded in the Form and manner required as security for the due fulfillment of my/our contract.

I/we undertake and agree that I/We will not withdraw this tender during the period that will be required for intimation, acceptance or non/acceptance as stipulated in clause 15 on the Notice Inviting Tender or during such extended period as agreed to by me/us, such period to date from the last date by which tenders are due to be submitted to the Board and if I/We do so withdraw, I/We shall forfeit the Earnest Money Deposit to the Board.

I/We further undertake to produce the Income-tax Clearance Certificate and the certificate and the Sales Tax Verification Certificate from the Commercial Tax Department of this State and agree to execute at my/our cost the agreement attached and to sign the plans therein referred to within 14 days after the notification of the acceptance of my/our tender has been received by me/us. In the event of my/our failing to make the Security Deposit or to execute the agreement in the said manner and sign the plans within the time specified for the purpose, the sum of **Rs.23,050/-** accompanying this tender shall be forfeited to the Board and this concluded contract shall in such case be considered, as having been cancelled or terminated and you may thereupon at such time or times, in such manner and on such terms as you may think fit, arrange either departmentally or by any other person or persons to carry out the works and provide, execute and do all works, materials, matters and things described or mentioned herein and I/We agree to be liable irrespective of the forfeiture aforesaid for all damages, losses, costs, charges and expenses arising from or by reason of such failure and arrangements.

Signature of Tenderer

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I/We undertake to assume full responsibility for the stability and soundness of the Works/structures that will be executed by me/us as per this contract.

I/We also undertake to do all extra or varied works which may be ordered as part of this contract upon the terms provided for in the conditions and specifications. The tenders shall be valid for a period of 90 days from the last date fixed for receipt of tenders. In case my/our tender for the work of **“Re-routing of 2 Nos. of 600 mm dia RCC main and 1 No. of 750 mm dia CI water mains with 2 Nos. 600 mm dia DI mains and 1 No. of 750 mm dia DI mains in Madhavaram-Redhills Road at Vadaperumbakkam”** is accepted, I/We agree and guarantee to commence the said works within a period of seven days from the date and complete the entire work within the stipulated period of 4 Months from the date on which the work order received by me/us. I/We also agree that time is the essence of contract. I/We have actually inspected the site of works and have tendered for the works after such inspection.

#### UNDERTAKING

I/We have gone through the copy of standard tender document received from the Office of the Contracts and Monitoring wing and abide by the same for this contract also.

As witness my/our hand this.....day of.....2010.

Signature.....

Name and  
address:

Signature of Tenderer

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### PRICE SCHEDULE

1. This tender has been called for in the percentage tender system. In the work schedule, detailed items of works involved in the work with specifications along with the quantity, the departmental rates and amount for individual items are furnished. The total value of the work is also furnished.

2. The tenderers are requested to quote the percentage variation over the total departmental value, which will be applicable for all items of works, individually and uniformly at which they are willing to execute the works, in the following format. In case any discrepancy / correction are found between figures and words furnished for the percentage, then the LOWER percentage among them ALONE will be taken as correct.

Signature of Tenderer



**WORK SCHEDULE**

NAME OF WORK : Re-routing of 2 Nos. of 600 mm RCC main and 1 No. of 750 mm dia CI water mains with 2nos 600mm dia DI mains and 1 no of 750mm dia DI mains in Madhavaram-Redhills Road at Vadaperumbakkam.

CONTRACT NO: CNT/WSS/DEP/2005/2010-11.

Sl. No.	Description of Works	Qty or no		Rate Rs. P	Per	Amount Rs. P
1	Conveying D.I. pipes of diameter for 500mm dia and above upto 1200mm dia from the site of stacking to the site of constructions including earthwork excavation in hard stiff clay, stiff black cotton, hard red earth and earth mixed with small size boulders and hard gravelly soil depositing the earth on banks with initial lead of 10 metres and initial lift of 2m, timbering the trenches, pumping out subsoil water, lowering the pipes into the trenches, aligning and refilling the trenches with excavated earth, watering, ramming to consolidation and disposing the surplus earth, etc., complete, for 1.0 metre.					
	750mm dia.pipe for 2.5m depth.	135	m	2208	m	298080.00
	600mm dia pipe for 2.5m depth	260	m	2075	m	539500.00
2	Supply, Conveying and fixing of D.I. specials of diameter for 500mm dia and above upto 1200mm dia from the site of stacking to the site of constructions including earthwork excavation in hard stiff clay, stiff black cotton, hard red earth and earth mixed with small size boulders and hard gravelly soil depositing the earth on banks with initial lead of 10 metres and initial lift of 2m, timbering the trenches, pumping out subsoil water, lowering the pipes into the trenches, aligning and refilling the trenches with excavated earth, watering, ramming to consolidation and disposing the surplus earth, etc., complete, for 2.5m metre deep.					
	750mmx750mmx300mm Soc/Soc/Flanged D.I Tee	1	nos	47674.00	each	47674.00
	400mmx300mm Concentric Reducers	1	nos	5720.00	each	5720.00
	600mmx600mmx300mm Soc/Soc/Flanged D.I Tee	2	nos	26092.00	each	52184.00
	300mm D/f pipe 1.0 m long	9	nos	10201.00	each	91809.00
	300mm dia D/f 90 deg Duckfoot Bend	3	nos	9797.00	each	29391.00
	300mm Double Flanged 90 deg Bend	3	nos	13938.00	each	41814.00

Signature of Tenderer

**WORK SCHEDULE**

NAME OF WORK : Re-routing of 2 Nos. of 600 mm RCC main and 1 No. of 750 mm dia CI water mains with 2nos 600mm dia DI mains and 1 no of 750mm dia DI mains in Madhavaram-Redhills Road at Vadaperumbakkam.

CONTRACT NO: CNT/WSS/DEP/2005/2010-11.

<b>Sl. No.</b>	<b>Description of Works</b>	<b>Qty or no</b>		<b>Rate Rs. P</b>	<b>Per</b>	<b>Amount Rs. P</b>
3	Supplying, Conveying and fixing of 300 mm CI D/F Sluice valve with Tail pieces and cap / wheel as per IS 14846/2000 PN 1 with ISI marking.	3	nos	17797.00	each	53391.00
4	Supply, Conveying and Fixing of MS Specials					
	750mm dia MS Mechanical 45 deg Bend.	4	nos	54046.25	each	216184.99
	600mm dia MS Mechanical 45 deg Bend.	8	nos	42592.13	each	340737.04
	750mm dia MS Mechanical Joint Collar.	6	nos	36400.23	each	218401.36
5	Supply and Fixing of rubber gaskets					
	750mm	25	nos	775.00	each	19375.00
	600mm	45	nos	464.00	each	20880.00
6	Cutting of C.I / D.I Mains (Labour only).					
	750mm dia.	10	nos	314.00	each	3140.00
	600mm dia	10	nos	221.00	each	2210.00
7	Construction of thrust blocks using Cement Concrete 1:3:6, 40mm B.G.jelly for Plain Cement Concrete etc., complete as per type design.					
	750mm dia 45 deg angle at 2 m depth.	4	nos	6132.00	each	24528.00
	600mm dia 45 deg angle at 2 m depth.	8	nos	4281.00	each	34248.00
8	Dewatering the Stagnated Water					
	Hire charges for diesel pumpset upto 3HP with fuel and crew charges including transportation.	200	hrs	79.00	hrs	15800.00
	Hire charges for diesel pumpset above 3HP to 7.5HP.	200	hrs	110.00	hrs	22000.00
9	Supplying and filling of Quarry dust for Trenches including watering, consolidating, ramming etc., Complete.	80	cum	350.00	cum	28000.00
10	Cement concrete 1:2:4 using 20mm guage hard broken stone jelly for plain cement concrete works including laying ramming curing, etc., Complete.	45	cum	2772.00	cum	124740.00
11	Disposal of surplus earth	115	cum	56.05	cum	6445.75

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CONTRACT NO: CNT/WSS/DEP/2005/2010-11.

<b>Sl. No.</b>	<b>Description of Works</b>	<b>Qty or no</b>		<b>Rate Rs. P</b>	<b>Per</b>	<b>Amount Rs. P</b>
12	Barrication work along one side of the trench for laying the pipe line with casuarina post at 1.52m centre to centre (8 to 10 cm dia. and 1.52m height) verticals, painting the vertical posts in different colours, tying with coir rope, fixing danger flags, danger lights, reflectors including watching during night for 1 metre.	400	m	15.00	m	6000.00
13	Testing of M.S./C.I./P.V.C./D.I pipes with hydraulic testing equipment by filling with water and testing to recommended pressure in convenient stretches and attending the bursts if any occurred during the test, excluding the cost of pipes, including other incidental and operational charges, etc., complete for the following diameters of pipes.					
	For 750mm pipes	135	m	142.00	m	19170.00
	For 600mm pipes	260	m	95.00	m	24700.00
14	Connection work to existing main including cutting existing pipe, fixing branches, collars, lead jointing and bailing out water, etc., excluding excavation.					
	600mm dia.	8	nos	4729.00	each	37832.00
15	Construction of valve chamber as per type design					
	300mm Sluice valve	3	nos	19270.00	each	57810.00
16	Dismantling of					
	Reinforced Cement Concrete work	100	cum	1721.50	cum	172150.00
	Plain Cement Concrete	100	cum	113.60	cum	11360.00
	Brick work or stone masonry in cement mortar walls under 3.00m high	100	cum	66.00	cum	6600.00
17	Making of Rubber joints for D.I pipes for Labour only					
	750mm	25	nos	337.00	each	8425.00
	600mm	45	nos	211.00	each	9495.00

Signature of Tenderer

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CONTRACT NO: CNT/WSS/DEP/2005/2010-11.

<b>Sl. No.</b>	<b>Description of Works</b>	<b>Qty or no</b>		<b>Rate Rs. P</b>	<b>Per</b>	<b>Amount Rs. P</b>
18	Jointing the C.I.Double flanged pipes and specials with rubber insertion to the required specifications with M.S. bolts and nuts, complete and testing the pipes to the required pressure with water (including cost of jointing materials) at deep					
	750 mm dia	4	nos	1191.30	each	4765.20
	600 mm dia	8	nos	1105.50	each	8844.00
	<b>Total</b>					<b>2603404.34</b>

Signature of Tenderer

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**MILE STONE**

SI No	Description of work	Mile Stone period			
		30 days	30 days	30 days	30 days
1.	Conveying, Laying and Jointing of 2 Nos of 600mm dia DI main and 1 no of 750mm dia D.I mains including supplying of necessary specials, gaskets and Barrication etc., with thrust block and testing of main etc., complete.	20%	50%	80%	100%

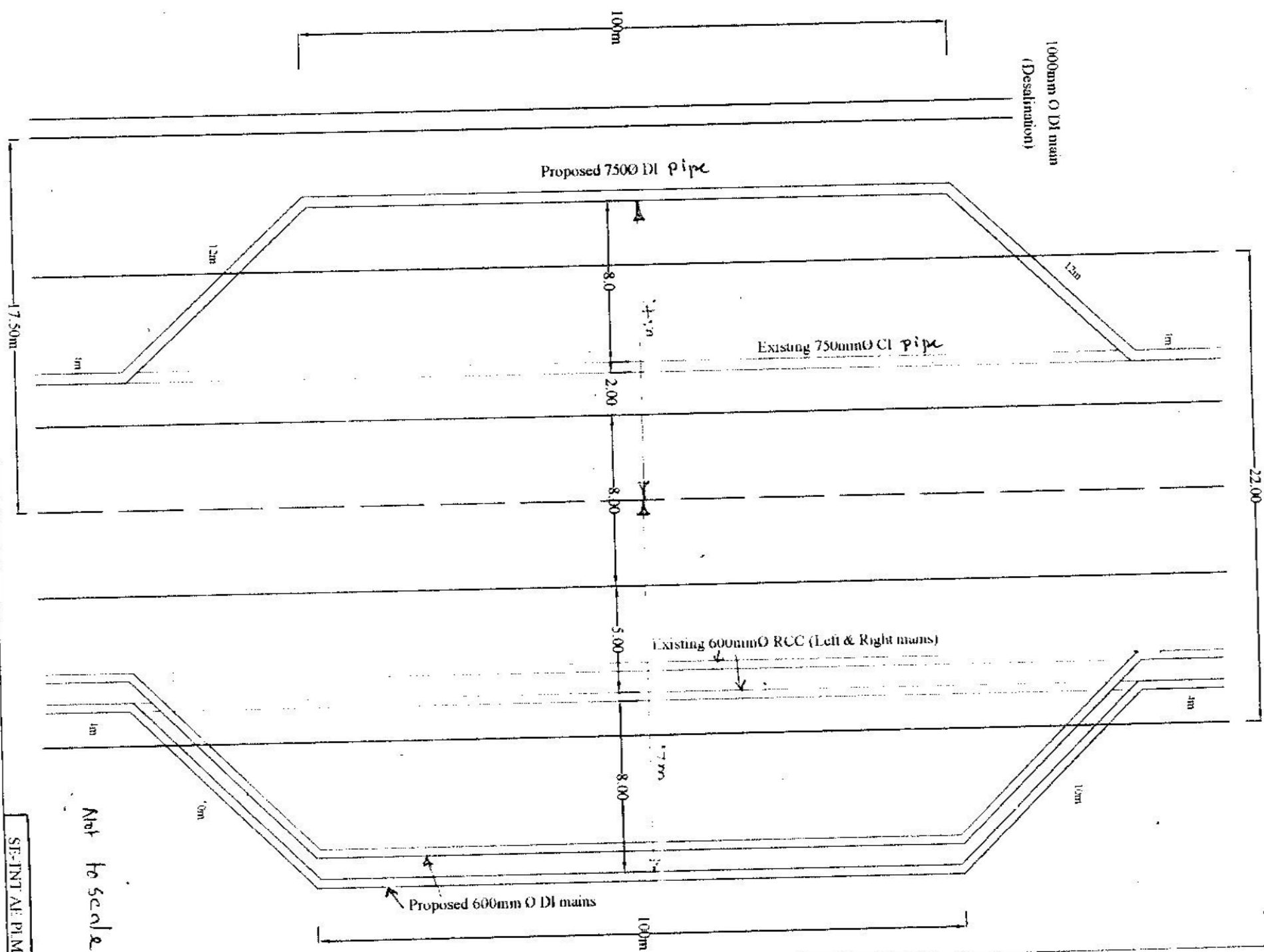
**LIQUIDATED DAMAGES**

- I Mile Stone - Rs.260/- per day
- II Mile Stone - Rs.390/- per day
- III Mile Stone - Rs.390/- per day
- IV Mile Stone - Rs.260/- per day

Signature of Tenderer

CMWSSB  
R.O II

Shifting of 750mm Ø CI, & 600mm Ø RCC mains at Vadaperumpakkam, Madhavaram & Redhills Road



Not to scale

SE-INT/AE/PLM