

Name of Work: Diversion of existing sewer mains from Proposed ROB at Basin Bridge in Depot 32 in Area III.

Contract No: CNT/SEW/DEP/2007/2010-11.

CHECK LIST FOR THE GUIDANCE OF THE CONTRACTOR

I	The Tender schedule for the above work consists of 12 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 – 18 Nos. and the departmental value works out to Rs.42,05,454.00
	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>

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6.	<p><u>Eligibility :</u> Contractors registered in Metro water in Class II A &amp; above i.e. those who are eligible to take up the work costing more than Rs.30.00 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.	<p>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.</p>
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)	<p>The value of S.D will be as follows:</p>
i)	<p>for tenders with any plus percentage and upto (-)5% over departmental value – 2% of the contract value.</p>
ii)	<p>for tenders between (-)5% to (-)15% over departmental value --- 4% of the contract value.</p>
iii)	<p>for tenders, above (-)15% over departmental value --- 5% of the contract value.</p>
9.	<p>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.11</b>. Tenderers are requested to take note of the details. The above details will be incorporated in the contract documents while executing agreement.</p>
10	<p>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.</p>

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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

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CHENNAI METROPOLITAN WATER SUPPLY AND SEWERAGE BOARD  
NO.1, PUMPING STATION ROAD, CHINTADRIPET, 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	Diversion of existing sewer mains from Proposed ROB at Basin Bridge in Depot 32 in Area III. CNT/SEW/DEP/2007/2010-11.	30.06.2010	42.05	31,050/-	10.06.2010 to 29.06.2010	Class II A & above	6 months
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

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### 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 **30.06.2010**.

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.31,050/-** 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.

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.

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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 "**Diversion of existing sewer mains from Proposed ROB at Basin Bridge in Depot 32 in Area III**" 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 **6 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.

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FILL UP ANYONE OF THE FORM NO:A, B or C  
STRIKE OUT THE FORM WHICH IS NOT APPLICABLE.

FORM NO:A

I / We agree to execute the work of **“Diversion of existing sewer mains from Proposed ROB at Basin Bridge in Depot 32 in Area III”** with a tender percentage of (-)  
Minus-----  
------(in words) -----(in figures) over departmental value of Rs.42,05,454.00 as furnished in the work schedule which is also applicable for all items of works, individually and uniformly over the departmental rates, furnished in the work schedule.

FORM NO:B

I / We agree to execute the work of **“Diversion of existing sewer mains from Proposed ROB at Basin Bridge in Depot 32 in Area III”** at the departmental value of Rs.42,05,454.00 for all items of work furnished in the schedule.

FORM NO:C

I / We agree to execute the work of **“Diversion of existing sewer mains from Proposed ROB at Basin Bridge in Depot 32 in Area III”** with a tender percentage of (+)  
Plus -----(in words) ----- (in figures) over departmental value of Rs.42,05,454.00 as furnished in the work schedule which is also applicable for all items of works, individually and uniformly over the departmental rates, furnished in the work schedule.

NOTE:

1. The tenderers are requested to strike out the forms which are not applicable
2. If any two or three forms are filled by the tenderers the LOWEST percentage quoted by the tenderer will be considered.
3. If there is any discrepancy in percentage quoted in words and in figures the lowest percentage quoted will be considered.
4. If the tenderer failed to fill/strike out any or all of the form, the department value will be taken as quoted rate.

Signature of Tenderer

## WORK SCHEDULE

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Sl. No.	Description of Works	Qty.	Unit	Rate		Per	Amount	
				Rs.	P.		Rs.	P.
1	Construction of manholes at various depths to invert including earth work excavation as per SS 20 B laying cement concrete in cm 1:3:6 using 40mm B G jelly for foundation sinking well kerb below G L for 4.5m depth and above, pumping, timbering, charges for 2.5m depth and above. Stock brick work in C.M 1:7 for 23 cm. thick well and over 23cm thick wall plastering with C.M 1:3 20mm thick, laying plain cement concrete 1:3:6 using 12mm to 20mm B G jelly fixing the frame providing C I steps manhole cover and frames benching and channelling including refilling the trench with excavated earth and disposal of surplus earth etc complete.							
	a) at 6.0m deep	2	Nos	46177.00		Each	92354.00	
	b) at 5.50 m deep	5	Nos	43333.00		Each	216665.00	
	c) at 5.00 m deep	5	Nos	39653.00		Each	198265.00	
	d) at 4.0 m deep	2	Nos	32556.00		Each	65112.00	
	e) at 3.0m deep	16	Nos	24915.00		Each	398640.00	
	f) at 1.0m deep	27	Nos	10164.00		Each	274428.00	
2	Cutting Asphaltic concrete Road							
	Bus Route Road	2220.00	Sq.m	56.00		Sq.m	124320.00	
3	Barricade work along one side of the trench for laying the pipe line with casurina post at 1.52 m c/c verticals, painting the Verticals and posts in different colours , tying with coir rope, fixing along the danger flags & danger lights, reflectors including watch and ward during night	3150	mtr.	15.00		mtr.	47250.00	

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Sl. No.	Description of Works	Qty.	Unit	Rate		Per	Amount	
				Rs.	P.		Rs.	P.
4	Laying DI pipes including earth work excavation for trenches in hardstiff clay, block cotton, hard red earth shales, murams ground, stoney earth and earth mixed with small size boulders and hard gravelly soil depositing the earth on banks with initial lead of 10m and initial lift of 2m carting the pipes from any of the Board stores to the site of work lowering into the trenches and aligning jointing, testing including timbering charges, dewatering backfilling with excavated earth removal of surplus earth etc complete for the pipe							
	i)600mm dia D I pipes							
	a) at 6.0m deep	90	mtr.	4250.00		mtr.		382500.00
	b) at 5.50 m deep	150	mtr.	4000.00		mtr.		600000.00
	c) at 5.00 m deep	135	mtr.	3750.00		mtr.		506250.00
	d) at 4.0 m deep	55	mtr.	2500.00		mtr.		137500.00
	e) at 3.5m deep	25	mtr.	2250.00		mtr.		56250.00
	ii) 450mm dia DI pipes							
	a) at 3.0m deep	480	mtr.	1700.00		mtr.		816000.00
	iii) 250mm dia stone ware pipes							
	a)at 1.0 m deep	585	mtr.	138.00		mtr.		80730.00
5	End concrete 1:3:6 using 40mm gauge hard broken stone jelly for plain cement concrete work including laying in layers of not more than 150mm thick including ramming curing etc. complete.	10	Cu.m	2099.00		Cu.m		20990.00
6	Supplying, laying jointing and testing of 100mm S W pipe including earth work excavation in all classes of soil, depositing the earth as banks with initial lead of 10m lowering the pipes into the trenches, aligning, refilling the trenches with excavated earth in layers not more than 23cm tk, watering ramming to consolidation and disposal of surplus earth etc complete at an average depth of 2m.	500	mtr.	207.00		mtr.		103500.00
7	Hire charges for diesel pumpsets above 3 H.P.to 7 H.P	770	hours	110.00		hours		84700.00
	<b>Total</b>							<b>4205454.00</b>

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**MILE STONE**

Sl No	Description of work	Mile Stone period			
		Total	2 months	4 months	6 months
1.	Laying of 600 mm dia & 400 mm dia DI pipes and 250 mm dia SW pipes including earth work excavation, carting of pipes from Board Stores, Barrication along road side, Laying, jointing, testing, back filling of excavated earth etc. complete as per schedule.	1520 mts.	456 mts.	912 mts.	1520 mts.
2.	Construction of manholes at various depths including earth work excavation, cement concrete work, brick work, providing CI steps manhole cover etc. complete as per schedule.	57 Nos.	25 Nos.	57 Nos.	57 Nos.
3.	Supplying, Laying, Jointing, Testing of 100 mm dia SW pipes including earth work excavation, watering, ramming, disposal of surplus earth etc. complete.	500 mts.	150 mts.	300 mts.	500 mts.

**LIQUIDATED DAMAGES**

- I Mile Stone - Rs.708/- per day
- II Mile Stone - Rs.795/- per day
- III Mile Stone - Rs.600/- per day

Signature of Tenderer