

Name of Work : Construction of the damaged/ disturbed portion of the compound wall at
Nesapakkam Central Stores.

Contract No. : CNT/WSS/MWB/2003/2009-10

CHECK LIST FOR THE GUIDANCE OF THE CONTRACTOR

I		The Tender schedule for the above work consists of 16 pages as detailed below:
	(i)	Checklist for the guidance of the Contractors Page – 1 to 3
	(ii)	Notice Inviting Tender Page - 4
	(iii)	Letter of Tender 2 pages Page - 5 & 6
	(iv)	Price Schedule Page - 7 & 8
	(v)	Work schedule Page – 9 & 10
	(vi)	Data Page – 11&12
	(vii)	Milestone Page – 13
	(viii)	Drawings Page – 14 to 16
II	1	The total number of items in the work schedule – 17 Nos. and the departmental value works out to Rs.6,97,729.80
	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.	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. 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. 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.

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6.	<p><u>Eligibility :</u> Contractors registered in Metro water in Class-IV A and above i.e. those who are eligible to take up the work costing more than Rs.6.00 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. a) 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 Page No.13. 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 takes 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.	Construction of the damaged/ disturbed portion of the compound wall at Nesapakkam Central Stores CNT/WSS/MWB/2003/2009-10	09.06.2010 up to 3.00 PM	6.98	7,000/-	24.05.2010 to 08.06.2010	Class IVA & above	2 months
2.i	Availability of Tender Schedule in person	Information & Facilitation Officer, CMWSS Board, No. 1 Pumping Station Road, Chintadripet, Chennai-600002, (Telephone: 044-28451300, Extn. 227)					
2.ii	Through Website	www.chennaietrowater.tn.nic.in & www.tenders.tn.gov.in					
3	Cost of Tender Schedule	Free of cost					
4	Address for information and clarifications and for receipt of tenders	Office of Superintending Engineer, Contracts & Monitoring, 4 th 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 **09.06.2010**.

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..... datedfor 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.7,000/-** 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 "**Construction of the damaged/ disturbed portion of the compound wall at Nesapakkam Central Stores**" 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 **2 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 **“Construction of the damaged/ disturbed portion of the compound wall at Nesapakkam Central Stores”** with a tender percentage of (-) Minus-----
------(in words) -----(in figures) over departmental value of Rs.6,97,729.80 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 **“Construction of the damaged/ disturbed portion of the compound wall at Nesapakkam Central Stores”** at the department value of Rs.6,97,729.80 for all items of work furnished in the schedule.

FORM NO:C

I / We agree to execute the work of **“Construction of the damaged/ disturbed portion of the compound wall at Nesapakkam Central Stores”** with a tender percentage of (+) Plus -----
-----(in words) ----- (in figures) over departmental value of Rs.6,97,729.80 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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Contract No.CNT/WSS/MWB/2003/2009-10

Sl. No.	Description of work	No. or Quantity		Rate	Per	Amount
				Rs.P.		Rs. P.
1	Earth work excavation in all kinds of soil except hard rock requiring blasting including shoring, strutting and bailing out water wherever necessary refilling the sides of foundation with excavated earth in layers of 15 cm thick well rammed and consolidated depositing surplus earth with in a compound in placed as shown by the departmental officers clearing and levelling the site with initial lead of 10 mts and lift of 2 m etc.complete.	93.00	cum	57.50	cum	5347.50
2	Supplying and filling with sand for foundation and basement as per standard specification	7.00	cum	361.00	cum	2527.00
3	Cement concrete 1:4:8 using 40mm gauge hard broken stone jelly for plain cement concrete works including laying in layers of not more than 15 cm thick including ramming, curing etc. complete	8.00	cum	1842.00	cum	14736.00
4	RCC work with 1:2:4 using 20mm size H.B. Stone jelly for RCC works excluding cost of steel reinforcement, centring, shuttering and cost of steel reinforcement but including laying in position, compacting, curing, finishing etc. complete	31.00	cum	3010.00	cum	93310.00
5	Supplying , fabricating and laying in position MS or RTS rods for RCC works including cost of steel, binding wire, cutting, cranking and tying in position with binding wire assembly etc. complete	3075.00	Kg.	38.00	Kg.	116850.00
6	Providing formwork with centering for soffits of reinforced cement concrete slabs or plain surface including strutting upto 3.0m high etc. complete complying with standad specifications for well kerb and steining i) upto 3m high	247.00	sqm	428.00	sqm	105716.00
7	Stock brick work in cement mortar 1:4 using second class bricks including curing etc. complete for 23cm thick wall	40.30	cum	2753.00	cum	110945.90
8	Plastering with cement mortar 1:3 for 12mm thick including curing etc., complete	468.00	sqm	71.00	sqm	33228.00
9	White washing two coats	2700.00	sqm	8.00	sqm	21600.00
10	Colour washing two coats	2700.00	sqm	11.00	sqm	29700.00
11	Refilling with excavated sand complying with standard specification for filling in foundations and basement	64.00	cum	10.10	cum	646.40

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Sl. No.	Description of work	No. or Quantity		Rate	Per	Amount
				Rs.P.		Rs. P.
12	Supplying and fabricating and erection of iron gate with grill works of required size as per direction at site with G.I. pipes of 50 mm and specials at all sides and 40x40x6 mm angles as bracing on which 2 Nos. of MS sheet of 6 gauge of size 2x2.50 each is welded as two halves fixing letter "METRO WATER" including one coat of primer with red lead etc. complete as directed (Data enclosed)	430.00	Kg.	46.20	Kg.	19866.00
13	Supplying and fabricating and fixing wicket gate of size 0.75x2m with MS grill work in 'L' angle of size 40x40x6 mm and MS flats including fixing in position with hold fasts etc. with locking arrangements and one coat of priming with red oxide etc. complete as directed (Data enclosed)	60.00	Kg.	46.20	Kg.	2772.00
14	Supplying and fixing 0.43cum of broken glass pieces to the coping of the compound wall with CM 1:3.20 mm thick including curing etc. complete	21.00	sqm	105.00	sqm	2205.00
15	Painting with superior quality ready mixed paint of chocolate, light green grey or any other approved colour	26.00	sqm	60.00	sqm	1560.00
16	Removing the existing main gate and return to stores	1.00	No.	1000.00	Each	1000.00
17	Supplying and fixing barbed wire fencing over the existing compound wall with 'C' angle iron posts 50x50x6mm size and length No.145m bent to shape etc. complete	468.00	M	290.00	M	135720.00
	TOTAL					697729.80

Signature of the Tenderer

Length of $40 \times 40 \times 6\text{mm}$ angle $(0.75 + 2.00) \times 2$
 $= 5.50\text{mts}$

\therefore wt of angle $5.50 \times 3.50 = 19.25\text{kg}$

wt of specials hold fasten and } L.S — 20.00kg
 locking arrangement }

Length of flat of size $25 \times 6\text{mm}$
 $= (0.75 \times 6) + (2.00 \times 2) = 8.50$

\therefore wt of flat $= 8.50 \times 1.2\text{kg} = 10.20\text{kg}$

Length of flat required size $= 25 \times 3\text{mm}$

$= 15 \times 1.2 = 180\text{cm} = 1.80\text{m}$

wt of flat $= 7.20 \times 0.60 = 4.32\text{kg}$

\therefore Total wt $= (19.25 + 20.00 + 10.20 + 4.32)$
 $= 53.77\text{kg}$

Add wastage 10% $= \frac{5.38\text{kg}}{59.15\text{kg}}$

Say 60.00kg

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Weight of M.S. Gate 4.5m x 2.5m

Sl. No.	Description of work	Nos.	Length	Breadth	Depth	Qty	Unit
1	Supplying and fabrication M.S. gate 4.5m x 2.5m of 2" pipe, 40x40x6mm angle 1" flat and 14kg. CR sheet including transport and fixing etc. complete						
A	Supplying and fabrication of 2" M.S. pipe	1x4	2.5		3.8 kg/m	38.00	Kg
		1x4	2.25		3.8 kg/m	34.20	Kg
B	Supplying and fabrication of 40x40x6mm angle	1x4	2.25		3.8 kg/m	34.20	Kg
		1x4	2.5		3.8 kg/m	38.00	Kg
C	Supplying and fabrication of 14KG CR sheet	1x1	4.5	2.5	15.7 kg/m	176.62	Kg
D	Supplying and fabrication of 1" flat	1x1	35		1.2 kg/m	42.00	Kg
	Total					363.02	Kg
	Add 15% towards weight for hinges, tower bolts, locking arrangements and wastage etc.					54.45	Kg
						417.47	Kg
					Say	430.00	Kg

Total weight : 430 kg

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MILE STONE DETAILS

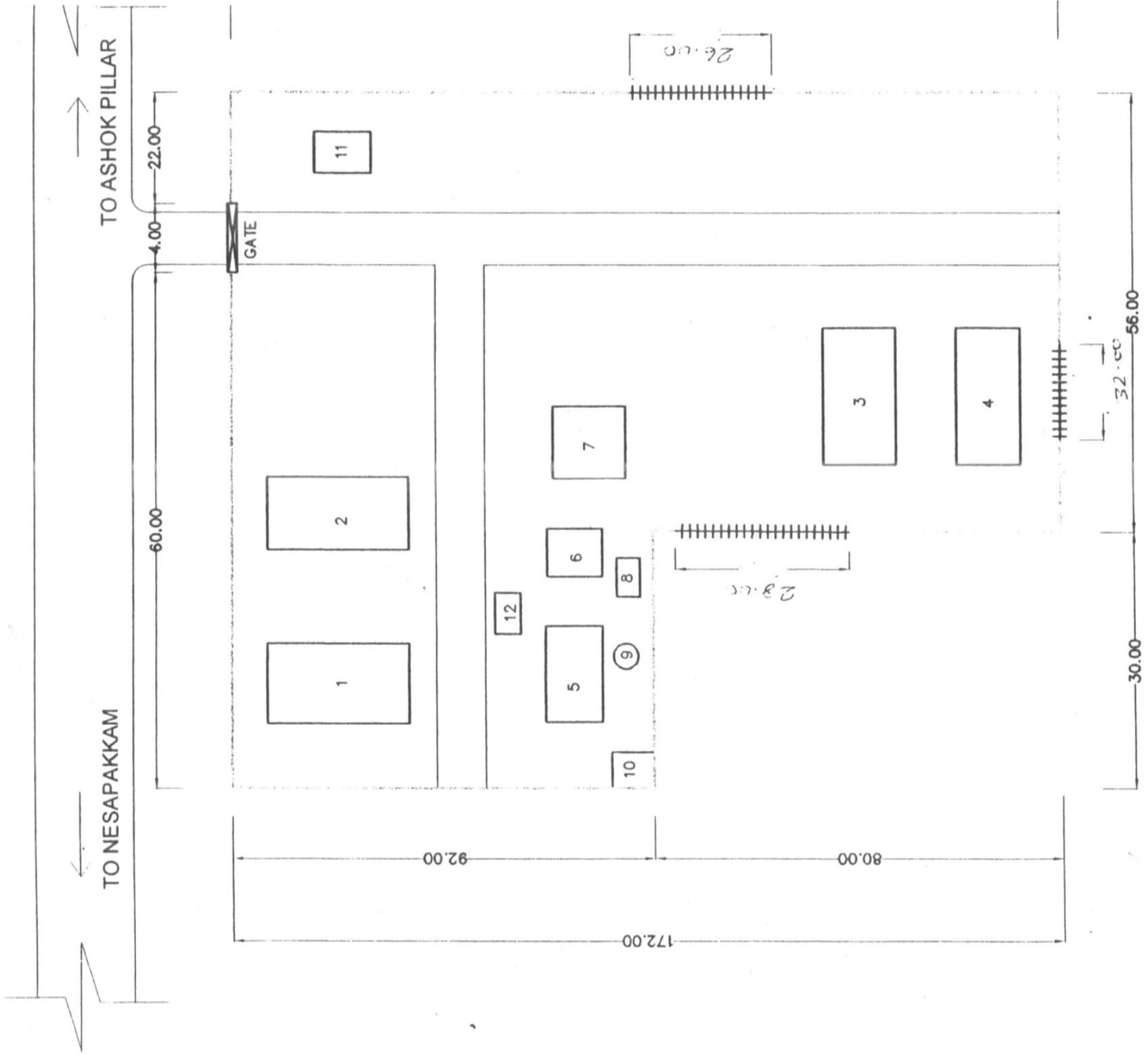
S.No	Name of work	Total length	Milestones	
			1	2
			up to 1month	up to 2months
1	Construction of the damaged/ disturbed portion of the compound wall with RCC Plinth beam, brick work in CM 1:4 for 23cm thick wall, plastering in CM 1:3 for 12mm thick, supplying and fixing broken glass pieces and barbed wire fencing, gate etc. complete at Nesapakkam Central Stores.	86m	40	86

LIQUIDATED DAMAGES

For milestone 1 - Rs. 162/- per month

For milestone 2 -Rs. 186/- per month

Signature of Tenderer

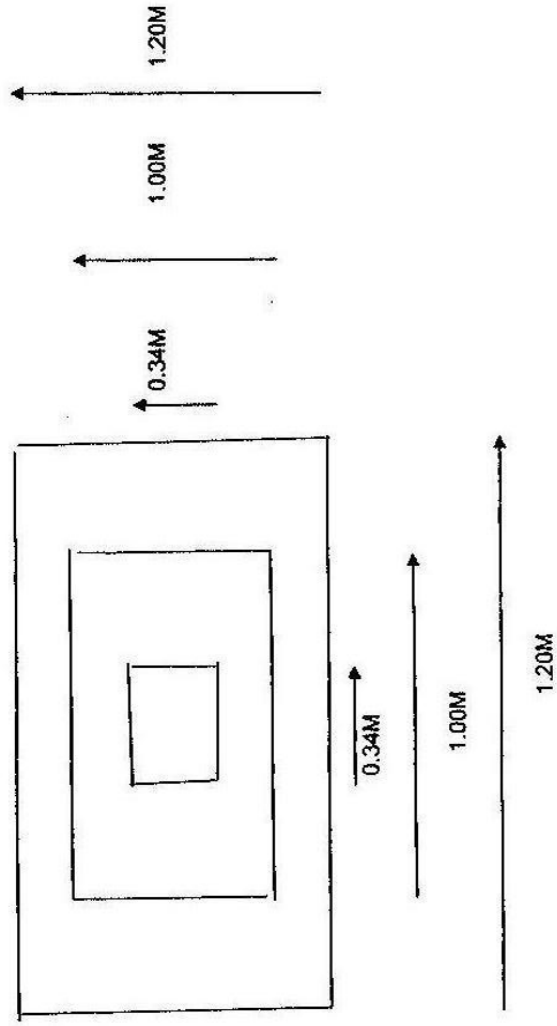
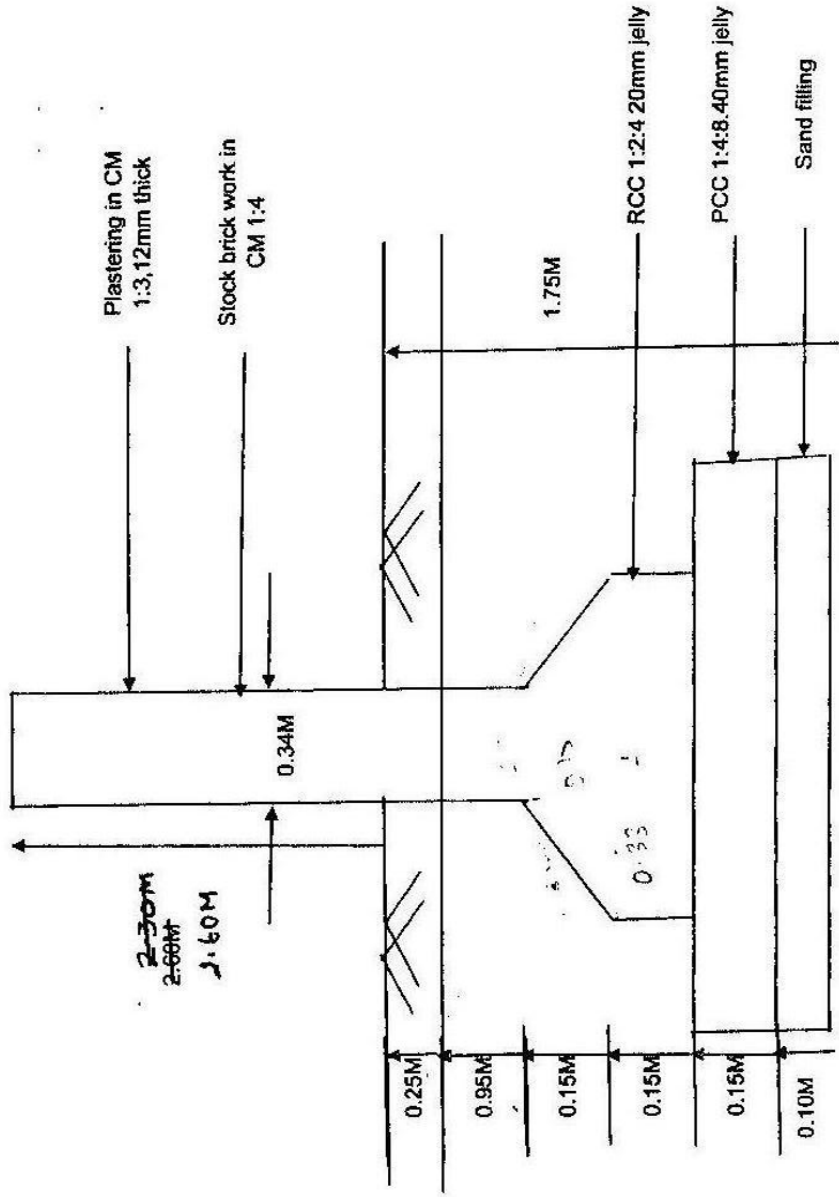


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REFERENCE:

- 1,2,3,4 : EXISTING GODOWN 28 X 10
- 5 : EXISTING QUARTERS 6.45 x 14.00
- 6 : EXISTING QUARTERS 6.45 x 7.15
- 7 : EXISTING OFFICE 6.85 x 9.35
- 8 : EXISTING OHT 3.75 x 2.25

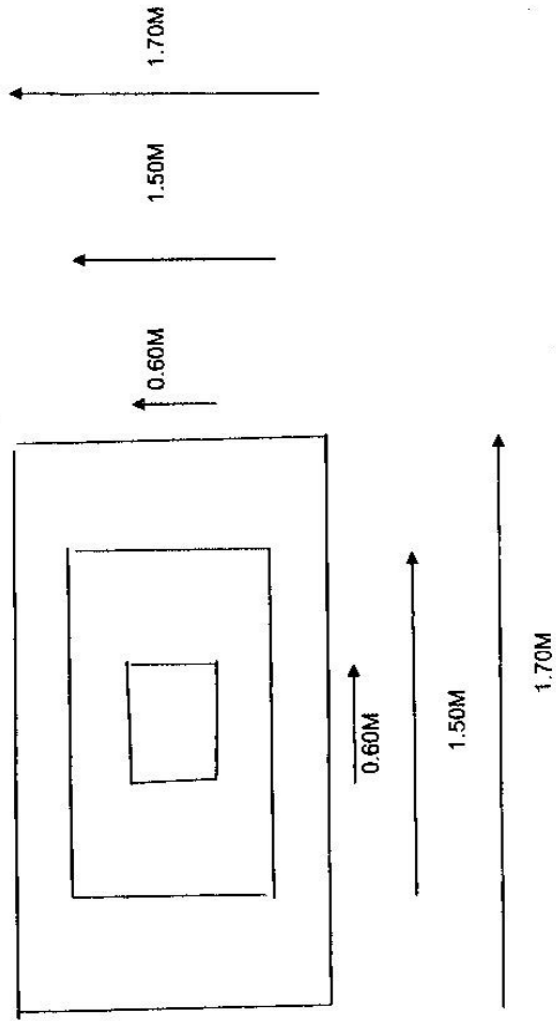
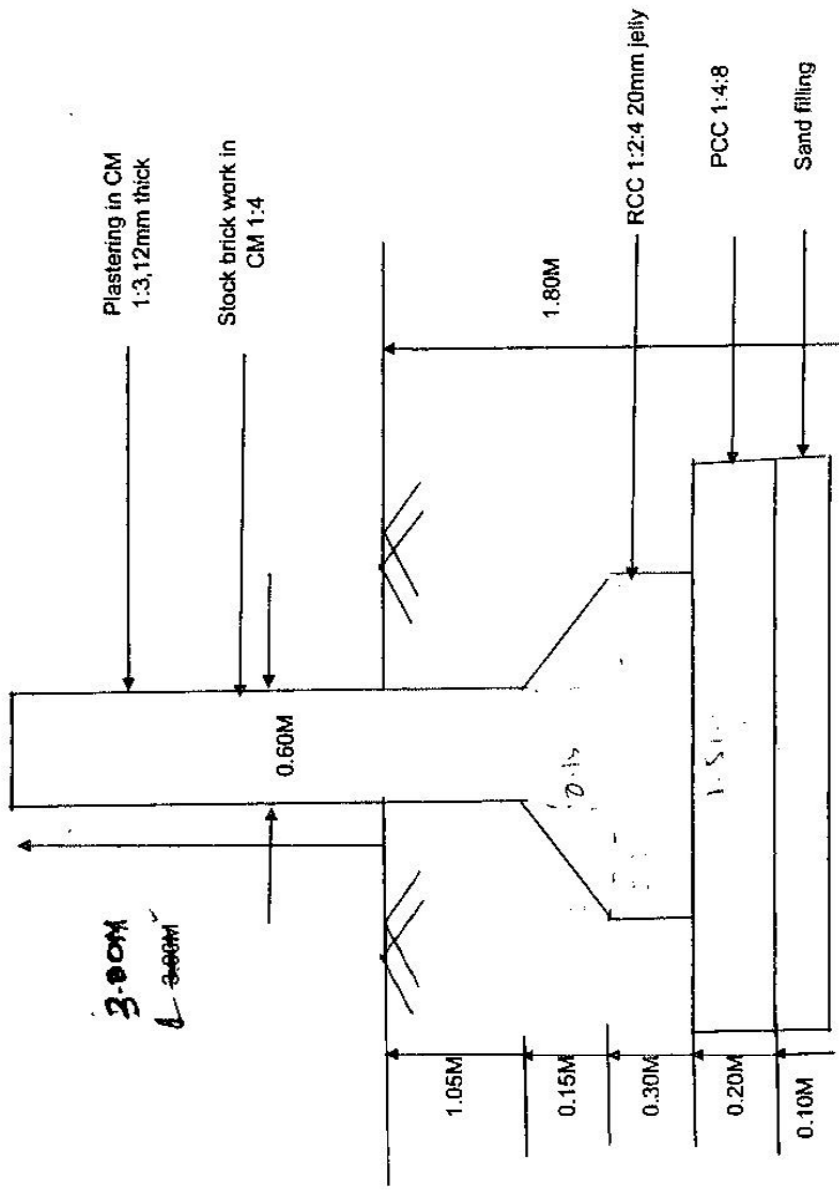
DETAILS OF WALL PILLAR



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DETAILS OF GATE PILLAR



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