

Govt. of West Bengal

O/o the Chief Medical Officer of Health, South 24 Parganas

M.R Bangur Hospital. Building, 2nd floor, Tollyguge, Kolkata

☎: (033) 2473-1039 ; Fax: (033) 2473 0294:

E-mail: cmoh_s24@wbhealth.gov.in

For Details Log On: www.wbtender.gov.in

Memo. No. CMOH(SPG)/ 7570

Dated.- 08.08.22

E- TENDER NOTICE NO. – 07/ NHM of 2022-23(Civil & Electrical work)

1. Chief Medical Officer of Health & Secretary District Health & Family Welfare Samity, South 24 Parganas at M.R Bangur Hospital, 2nd floor, Kolkata-33, South 24 Parganas, invites e-tender from the intending experienced bonafide eligible resourceful outsiders and working contractors/agencies having experience in relevant nature and magnitude of the constructional work mentioned as noted in ANNEXURE-I(Enclosed).
2. The accepting authority does not bind him –self to accept the lowest bidder and reserves the right to reject any or all of tenders received, without assigning any reasons. He further reserves the right of splitting up any contract and distributing the same to more than one bidder.
 - a. **This is an e-procurement tender and also a two bid tender. First bid should contain document of earnest money & technical documents (i.e. trade license, pan card, credential etc.)and second bid should contain the financial offer to be submitted online.**
3. **Contractors /agencies are requested to observe the required credential. If any agency found submitted bid for the specific serial with below credential or false credential or any false paper the earnest money will be forfeited.**
4. The intending bidders should submit tenders within specified time along with **scanned copies of original documents (scan of Xerox copy of any documents is not allowed) –**
 - a. **Trade License (Civil)** (valid for current period 2022-2023),
 - b. **Trade License (Electrical)** (valid for current period 2022-2023),
 - c. **G.S.T Registration No.** With current return. 2021-22
 - d. **Professional Tax Enrolment Certificate** with current year payment challan/return,
 - e. **Pan Card.**
 - f. **I.T Return** for Financial years ,2019-20,2020-21,2021-22
 - g. Separate Agreement (Notarized) need to be executed by agency with Civil & Electrical Engineer (at least a Diploma Certificate Holder).
 - h. If the Agency /Bidder /Firm/Company is not an Electrical License holder,he/she should submit agreement paper executed in between the bidder & Electrical license holder and such Agreement should be at least be in the form of 1st Class Judicial Magistrate.
 - i. **Credentials:** Completion/ payment certificate with relevant work order of Govt. offices/ Govt. undertakings/ local bodies of **similar nature of job** as noted in annexure-I (enclosed) Credentials under sub-contract is not valid. The intending bidder should produce credential of similar nature of structural works of a completed single work having minimum value of 40% (Forty per cent) of the estimated amount put to tender during 03 (three) years prior to the date of the issue of the e-Tender notice.
 - j. **One bidder can apply for more than one bid subject to his credential being calculated on the sum total of all credentials of work done during 3(three) years prior to the date of issue of e-Tender.**
 - k. The Agency /Bidder /Firm/Company must arrange visit of their Civil and Electrical Engineer (atleast a diploma holder) during the execution of work and may be summoned for sharing necessary details if felt required by the tender inviting authority.
 - l. **In case of a partnership firm; it must be registered under any law.**
 - m. **In case of a partnership firm/ co-operative institution there should be clearly mentioned the authorized person who carry on the business in favor of the institution in form of deed/agreement / resolution if applicable.**

5. **State Team & district team will make periodical onsite visit to review the progress of the work and check the quality of work being implemented.**
6. The intending bidders shall have to furnish original certificates of all documents with execution of similar works of requisite magnitude as and when demanded by the tendering authority.
7. The Tender Inviting Committee has reserved the rights to accept/cancel any/all of the Tender at any phase of the process without further reference
8. The bidders notice and details schedule of works may be obtained from the **website:www.wbtender.gov.in**
9. No price escalation will be allowed in any circumstances.

10. Date and Time Schedule of Tender:-

SL NO.	Particulars	Date & Time
1	Date of publishing N.I.T & other documents online	10/08/2022 05:00 P.M
2	Online documents download starting date	10/08/2022 05:00 P.M
3	Online documents download ending date	24/08/2022 05:00 P.M
4	Online submission start date	10/08/2022 05:00 P.M
5	Pre-bid meeting to be held at office of CMOH	16 /07/2022 02.00 P.M
6	Dates for submission of earnest money deposited online	As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016
7	Online bid submission closing date	24/08/2022 05:00 P.M
8	Online bid opening date for technical proposals	29 /08/2022 11:00 P.M
9	Date of online uploading list for technically qualified bidders	To be notified later
10	Date of online opening of financial proposal	To be notified later

11. The bidder should quote his /their rates in figures and words on the basis of percentage above, below or at par with the schedule of rates attached with the tender form online.

12. **A) As per Govt. Order No. 4608 – F(Y) Dated 18/07/18, to ensure the quality and prior execution of the work in public interest, the Governor is pleased to decide that Additional Performance Security @10% of the tendered amount shall be obtained from the successful bidder if the accepted bid value is 80% or less of the estimate put to tender.**

B) The additional Performance Security shall be submitted in the form of Bank Guarantee from any Scheduled Bank before issuance of the Work Order. If the bidder fails to submit the Additional Performance Security within seven working days from the date of issuance of Letter of Acceptance, his earnest money will be forfeited and other necessary actions as per NIT like blacklisting of the contractor, etc. may be taken. The Bank Guarantee shall have to be valid up to end of the Contract Period and shall be renewed accordingly, if required.

C) The Bank Guarantee shall be returned immediately on successful completion of the Contract. If the bidder fails to complete the work successfully, the Additional Performance Security shall be forfeited at any time during the pendency of the contract period after serving proper notice to the contractor. Necessary provisions regarding deduction of security deposit from the progressive bills of the contractor as per relevant clauses of the contract shall in no way be altered/ affected by provision of this Additional Performance Security.

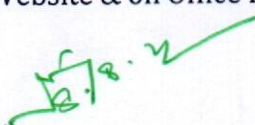
13. **A) Cost of tender paper:** Not required.

B) Earnest money: Earnest money [as indicated in the corresponding column of the work in the annexed sheet that 2% of A.P.T (in Rs.) should be deposited by the bidder [except Micro and Small Enterprise (MSEs) as defined in MSE Procurement policy issued by

Department of Micro, Small and Medium Enterprise (MSME)] through e-procurement portal as per Memorandum, memo. 3975-F(Y), dtd. - 28. 07.2016.

C)Performance Security will be deposited/deducted from bill at the prevailed rate as per the order of the Finance Department, Govt. of West Bengal vide its Memo No. 201-F(Y) dated 18.01.2021.

14. The successful bidder/s should execute an agreement with **District Health & Family Welfare Samity, South 24 Parganas** within ten days from the date of acceptance of the tender, failing which the tender be liable to be rejected.
15. Bidder /s shall be bound to execute any excess and supplementary works as may be ordered by the TIA at the rate of prevailing schedule of PWD/PW(R) D, GOVT. OF W.B at the time of tender submission.
16. Due to work at Hospital the Contractors/Agencies will be responsible for work at emergency basis and urgently finishing the work
17. All tools and plants and implements required for the construction of the work, will have to be supplied by the contractor at his/their own cost.
18. The applications of the bidder, who could not complete the works entrusted to them in past to the full satisfaction of this **District Health & Family Welfare Samity , South 24 Parganas** , will not be considered.
19. Security Deposit, Labour Welfare Cess, T.D.S on Income Tax and G.S.T. will be deducted from the bills as per Govt. Rules. EMD/ Security Deposit will be released as per Govt. rules (vide memo.- 5696-F(Y), dtd.-01st October 2019 read with Memorandum Vide memo No. - 201- F(Y), dtd.- 18.01.2021).
20. Copy of this NIT along with tender document may be obtained from the website:www.wbtender.gov.in
21. Any eligible bidder will be assigned job anywhere within the district as per the decision of Department/Tender Committee.
22. The Tender Committee reserves the rights to accept/cancel any/all of the Tenders at any phase of the process without further reference. If in any Bid, more than 01 nos. of LI bidder is found suitable after opening of financial bid, the Tender committee/ authority may conduct Draw of Lots for further decision.
23. The payment of the agency will be released after issuance of work-done satisfactory received from the concerned authority and certifying by the Engineering Cell.
24. State inspection team from Swasthya Bhawan will make periodical on site visits to review the progress of work and check the quality of work being implemented .no payments will be made until the clearance on the quality of the work has been permitted from higher authority..
24. All intended bidders are requested to keep close vigil on Website & on Office Board for any subsequent notice.


Secretary

District Health & Family Welfare Samity
South 24 Pgs & CMOH, South 24 Parganas

For Details Log On : www.wbtender.gov.in

Memo. No. CMOH(SPG)/7570/119

Dated: 08-08-22

Copy forwarded for information & with a request to display the Tender Notice in the notice board to -----

1. The Sabhadhipati, South 24 Parganas, Zilla Parisad
2. The Executive Vice Chairman, District Health & Family Welfare Samity, South 24 Parganas & The District Magistrate, South 24 Parganas. You are requested to send a representative at the time of opening of Bid.
3. The Executive Director State Health & Family Welfare Samity, Swasthya Bhawan
4. The Mission Director, NHM, Swasthya Bhawan
5. The Senior Accounts Officer, NHM, Swasthya Bhawan.
6. The Engineer in Charge, NHM, Swasthya Bhawan
7. The Programme Officer-I, NHM Swastha Bhawan
8. The Dy C.M.O.H-1, CMOH Office, South 24 Parganas
9. The Accounts Officer, CMOH Office, South 24 Parganas
10. The A.C.MOH Baruipur /Sadar/Canning Block, South 24 Parganas
- 11-15. The B.MOH (ALL) Block, South 24 Parganas
16. The Assistant Engineer, SPMU, NHM, Swasthya Bhawan, Kol.
17. CA to District Magistrate, South 24 Pgs.
18. CA to ADM (D), South 24 Pgs.
19. Office files.

Secretary

District Health & Family Welfare Samity
South 24 Pgs & CMOH, South 24 Pargans

Memo No. CMOH(SPG)/.....7570.....

Date— 08-08-22

E- TENDER NOTICE NO.- 07/ NHM of 2022-23(Civil & Electrical work)
Annexure-I

SL NO	NAME OF BLOCK	NAME OF WORK	A.P.T (In Rs.)	EARNEST MONEY (In Rs.)(2.0% of A.P.T)	COMPLETION OF TIME
1	Baruipur	New construction of Common collection site(CCS) (civil & electrical works) Hariharpur BPHC under Baruipur Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
2	BASANTI	New construction of Common collection site(CCS) (civil & electrical works) BASANTI RH under BASANTI Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
3	BHANGORE-I	New construction of Common collection site(CCS) (civil & electrical works) Nalmuri RH under Bhangore-I Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
4	BHANGORE-II	New construction of Common collection site(CCS) (civil & electrical works) JIRANGACHA RH under Bhangore-I Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
5	Bishnupur-I	New construction of Common collection site(CCS) (civil & electrical works) Chandidaulatbad BPHC under Bishnupur-I Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days

6	Bishnupur-II	New construction of Common collection site(CCS) (civil & electrical works) AMTALA RH under Bishnupur-II Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
7	Bishnupur-II	New construction of Common collection site(CCS) (civil & electrical works) SAMALI BPHC under Bishnupur-II Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
8	Budge-Budge-I	New construction of Common collection site(CCS) (civil & electrical works) BYANJANHERIA CHARIAL RH under Budge-Budge-I Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
9	Budge-Budge-II	New construction of Common collection site(CCS) (civil & electrical works) L.B Dutta RH under Budge-Budge-II Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
10	Canning-I	New construction of Common collection site(CCS) (civil & electrical works) GHTIYARISARIF BPHC under Canning-I Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
11	Canning-II	New construction of Common collection site(CCS) (civil & electrical works) MATHERDIGHI RH under CANNING-II Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
12	JOYNAGAR-I	New construction of Common collection site(CCS) (civil & electrical works) PADNERHAT RH under JOYNAGAR-I Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
13	JOYNAGAR-II	New construction of Common collection site(CCS) (civil & electrical works) NIMPITH SREE RAMKRISHNA RH under JOYNAGAR-II Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
14	KULTALI	New construction of Common collection site(CCS) (civil & electrical works) JOYNAGAR RH under KULTALI Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days
15	T.M BLOCK	New construction of Common collection site(CCS) (civil & electrical works) SARSUNA under T.M Blocks.	843334.00	16867.00 (As per Memorandum memo No.- 3975-F(Y), dtd.-28 th July 2016)	60 days

8/8/2

Secretary
District Health & Family Welfare Samity
South 24 Pgs & CMOH, South 24 Parganas

Estimate for Setting up of Common Collection Site

(As per PWD Schedule of Rates of Building Works and Sanitary & Plumbing Workseffective from 1st November, 2017)

SL NO	ITEM NO.	DESCRIPTION OF ITEM	Description	NOS	LENGTH	WIDTH	HEIGHT or THICK	QUANTITY	QUANTITY	UNIT	Rate	Amount
1	Page no -01, SI no -01	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed.	compound area	1	11.650	5.300		61.745	61.745	Sqm	10.00	617.45
2	Page no -01, SI no -02	Earth work in excavation of foundation trench in all sorts of soil (Including mixed soil but excluding laterite of sand stone) including the spoils with in a lead of 75,m as directed. The includes necessary trimming the sides of trenches leveling dressing and ramming the bottom bailing out water as required complete. (a) Depth of excavation not exceeding 1.5m	Foundation	8	1.200	1.200	1.500	17.280	17.280	%Cum	119.27	2060.99
			Total					17.280				
3	Page no -01, SI no -03	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering & ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished qty. of work) With earth obtained from excavation of foundation	Footing	8	1.200	1.200	0.900	10.368	16.581	%Cum	77.54	1285.69
			floor	1	3.800	5.450	0.300	6.213				
			Total					16.581				
4	Page no -02, SI no -04	Vide Page No. 2 Item No. 4 (B) Filling in foundation or plinth by fine sand in layers not exceeding 150 mm as directed and consolidating the same by thorough saturation with water, ramming complete including the cost of supply of sand. (payment to be made on measurement of finished quantity)	Footing	8	1.200	1.200	0.100	1.152	3.223	%Cum	1317.14	4245.14
			floor	1	3.800	5.450	0.100	2.071				
			Total					3.223				
5	Page no -14, SI no -01	Vide Page No. 11 Item No. 1 Single Brick flat soling of picked jhama brick including raming and dressing bed to proper level and filling joints with powdered earthor local sand.	Footing	8	1.200	1.200		11.520	36.100	Sqm	358.00	12923.80
			floor	1	3.800	9.500		36.100				
			Total					36.100				
6	Page no -24, SI no -04	Vide Page No. 12 Item No. 5 Ordinary Cement concrete (mix 1:2:4) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.	Footing	8	1.350	1.350	0.100	1.458				

SL NO	ITEM NO.	DESCRIPTION OF ITEM	Description	NOS	LENGTH	WIDTH	HEIGHT or THICK	QUANTITY	QUANTITY	UNIT	Rate	Amount
			floor	3	3.048	3.048	0.150	4.181				
			Ramp	1	9.650	1.500	0.450	6.514				
							Total	12.152		Cum	5684.22	69074.64
7	Page no 42, SI no -36	Hire and labour charges for shuttering with centering and necessary staging upto 4 m using approved stout props and thick hard wood planks of approved thickness with required bracing for concrete slabs, beams and columns, lintels curved or straight including fitting, fixing and striking out after completion of works (upto roof of ground floor) (c) Steel shuttering or 9 to 12 mm thick approved quality ply board shuttering in any concrete work										
			Footing	8	1.200		1.200	11.520		Sqm		
			Column	8	3.750		1.000	30.000		Sqm		
			Tie beam	2	32.000		0.250	16.000		Sqm		
			Lintel Beam	2	32.000		0.150	9.600		Sqm		
			Roof Slab	1	10.550	4.150		43.783		Sqm		
				1	14.500		0.125	1.813		Sqm		
			For ramp	2	1.500		0.450	1.350		Sqm		
							Total	114.065		Sqm	369.00	42089.99
8	Page no 26, SI no -10	Vide Page No. 15 Item No. 7 Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes.										
			Footing	8	1.200	1.200	0.200	2.304		Cum		
			Column	8	3.750	0.250	0.250	1.875		Cum		
			Tie beam	1	32.000	0.250	0.250	2.000		Cum		
			Lintel Beam	1	32.000	0.250	0.150	1.200		Cum		
			Roof Slab	1	10.550	3.950	0.125	5.209		Cum		
							Total	12.588		Cum	6134.29	77218.44
9	Page no -43, SI no -40	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. (a) For works in foundation, basement and upto roof of ground floor/upto 4 m (i) Tor steel/Mild Steel I. SAIL/ TATA/RINL										
							Total	1.186				
							Total	1.186		1.186 MT	55262.13	65529.26

SL NO	ITEM NO.	DESCRIPTION OF ITEM	Description	NOS	LENGTH	WIDTH	HEIGHT or THICK	QUANTITY	UNIT	Rate	Amount
10	Page no -15, SI no -07	Brick work with 1st class bricks in cement mortar (1:4)									
		In superstructure, ground floor									
		For 250 th		1	25.900	0.250	3.250	21.044	Cum		
		Deduction for R.S.		-3	1.500	0.250	2.100	-2.363	Cum		
		Deduction for netting (Front)		-3	1.500	0.250	0.450	-0.506	Cum		
							Total	18.175	Cum	5590.81	101612.97
11	Page no -16, SI no -16	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor.									
		For 125 th		2	3.050		2.900	17.690	Sqm		
		Drain		1	20.000		0.500	10.000	Sqm		
				1	25.500		0.300	7.650	Sqm		
							Total	35.340	Sqm	728.56	25747.31
12	Page no -192, SI no -01	Labour for Chipping of concrete surface before taking up Plastering work.									
		Ceiling		3	3.050	3.050		27.908	Sqm		
							Total	27.908	Sqm	21.00	586.07
13	Page no -189, SI no -01	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including threathing, nosing and drip course, scaffolding/staging where necessary (Ground floor).[Excluding cost of chipping over concrete surface]									
		20 mm thick out side plaster (with 1:4 cement mortar)									
		Outer Walls		1	26.900		3.650	98.185	Sqm		
				2	25.500		0.300	15.300	Sqm		
		Drain		1	20.000		0.500	10.000	Sqm		
		Deduction for Ramp		-1	9.650		0.600	-5.790	Sqm		
		Deduction for R.S.		-3	(1.50 * 2.20) * 1/3			-3.300	Sqm		
		Deduction for netting (Front)		-3	(1.5 * 0.45) * 1/3			-0.675	Sqm		
		Ramp Sides		2	2.000		0.313	0.450	Sqm		
							Total	114.170	Sqm	190.68	21769.94
		15 mm thick inside plaster (with 1:4 cement mortar)									
		Inner Walls		3	12.200		3.000	109.800	Sqm		
		Ceiling		3	3.050	3.050		27.908	Sqm		
		Deduction for R.S.		-3	(1.50 * 2.20) * 1/3			-3.300	Sqm		
		Deduction for netting (Front)		-3	(1.5 * 0.45) * 1/3			-0.675	Sqm		
							Total	133.733	Sqm	164.71	22027.16
14	Page no -41, SI no -33	Roof Treatment: Ordinary Cement concrete (mix 1:2:4) with graded stone chips									
	as per relevant IS codes.		1	10.000	4.000	0.070	2.800	Cum	6739.70	18871.16

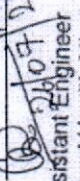
SL NO	ITEM NO.	DESCRIPTION OF ITEM	Description	NOS	LENGTH	WIDTH	HEIGHT or THICK	QUANTITY	UNIT	Rate	Amount
15	Page no -45, Sl no -8	(a) Applying 2 coats of bonding agent with synthetic multi functional rubber		1	10.000	4.000		40.000	Sqm	88.00	3520.00
16	Page no -192, Sl no -15	emulsion having adhesive and water proofing properties by mixing with water		2	20.000		0.500	20.000	Sqm		
		in proportion (1 bonding agent : 4 water : 6 cement) as per Manufacturer's specification [Cement to be supplied by the Department]		1	17.000		0.600	10.200	Sqm		
		Side surface of Ramp		2	1.500		0.450	0.450	Sqm		
							Total	30.650	Sqm	32.74	1003.48
17	Page no -54, Sl no -17	18 mm. to 22 mm. thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair & lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding & polishing as per direction of Engineer - In - charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @2.0 kg/Sq.m]		3	3.050	3.050		27.908	Sqm		
		Floor		2	9.650		0.450	8.685	Sqm		
		Sides of inner drain		3	1.500	0.250		1.125	Sqm		
		Below R.S.					Total	37.718	Sqm	1024.00	38623.23
18	Page no -64, 35	Supplying, fitting & fixing 1st quality Ceramic tiles in walls and floors to match with the existing work & 4 nos. of key stones (10mm) fixed with araldite at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. (B) Wall With Sand Cement Mortar (1:3) 15 mm thick & 2 mm thick cement slurry at back side of tiles using cement @ 2.91 Kg/Sq.m & joint filling using white cement slurry @ 0.20kg/Sq.m. (a) Area of each tile upto 0.09 Sq.m (ii) Other than Coloured decorative including white		3	12.200		3.000	109.800	Sqm		
		Walls		-3	(1.50 * 2.20) * 1/3			-3.300	Sqm		
		Deduction for R.S.					Total	106.500	Sqm	715.00	76147.50

Sl. NO	ITEM NO.	DESCRIPTION OF ITEM	Description	NOS	LENGTH	WIDTH	HEIGHT or THICK	QUANTITY	UNIT	Rate	Amount
19	Page no -104, 12	M.S. works in framed gratings of window etc.made of round or square bars and frame work or M.S. flats (with the bars securely fixed to the flat bar frame) with or without intermediate flat bar stiffener and fixed with necessary screws etc. complete , as directed. In ground floor.									
		ISA 50X50X6 @ 4.50 kg./m		3	6.700 m @ 4.50 kg/m =			90.450	Kg.		
		FLAT 20X6 @ 0.95 kg./m		3	16.500 m @ 0.95 kg/m =			47.025	Kg.		
				3	3.050 m @ 0.95 kg/m =			8.693	Kg.		
							Total	146.168	Kg.		
20	Page no -107, 19(b)	Vide Page No. 81 Item No. 16 (b) Supplying fitting and fixing steel rolling grills link type, shutter with 18 B.G. of approved type steel to the section 75mm wide, fitted with coil wire spring to necessitate the fitting of required Nos. of C.I. Pulleys on heavy type solid drawn seamless steel tube complete with locking arrangements both inside and outside specially builtup side guide channels including providing a hood for the steel rolling shutter in the room, painting two coats of approved aluminium paint over a coat of red lead primer complete.					Total	1,462	Qntl.	6330.00	9254.46
21	Page no-138 Sl. no-10	Rolling Shutter Square or hexagonal mesh netting made with 18 B.W.G. galvanised wire, fitted and fixed complete as per design (excluding the supporting framework but including local sal wood battens of size 37.5mmx25mm). In ground floor. (b)25 mm mesh ventilator		3	1.500		2.200	9.900	Sqrm	2833.00	28046.70
							Total	9.900	Sqrm		
22	Page no-197 Sl. no-15	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. In Ground floor: (iii) Two coats.		3	1.500		0.450	2.025	Sqrm		
							Total	2.025	Sqrm	391.00	791.78
		Outer Walls		1	Qty same as Item no. 15(a)			114.170	Sqrm		
		Deduction for Neat cement punning		-1	17.000		0.525	-8.925	Sqrm		
		Inner Walls		3	12.200		0.800	29.280	Sqrm		
		Deduction for netting (Front)		-3	(2.988 * 0.45) * 1/3			-1.345	Sqrm		
							Total	133.180	Sqrm	49.00	6525.82

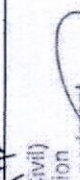
SL NO	ITEM NO.	DESCRIPTION OF ITEM	Description	NOS	LENGTH	WIDTH	HEIGHT or THICK	QUANTITY	UNIT	Rate	Amount
23	Page no-200 Sl. no-1	Priming one coat on timber or plaster surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand paering etc.									
		Outside over neat cement punning area		1	17.000		0.600	10.200	Sqrm		
		Side surface of Ramp		2	1.500		0.450	0.450	Sqrm		
							Total	10.650	Sqrm	38.00	404.70
24	Page no-200 Sl. no-1	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothing surfaces by sand papering etc.									
		Netting (Front)		3	2.988		0.450	8.874	Sqrm		
		Rolling Shutter		3	1.500		2.200	21.780	Sqrm		
		Gretting over internal drain		3	3.050	0.300		6.039	Sqrm		
							Total	36.693	Sqrm	29.00	1064.10
25	Page-201 Sl no-02	Painting with best quality synthetic enamel paint of approved make and brand including smoothing surface by sand paering etc. including using of approved putty etc. on the surface if necessary On steel or other metal surface : With super gloss (hi-gloss)- Two Coats (With any shade except white)									
		Outer Walls		1	Qty same as Item no. 26			36.693	Sqrm		
							Total	36.693	Sqrm	79.00	2898.75
26	Page-12 Sl. no-19(i)	Supplying, fitting and fixing PVC pipes of approved makeof (medium duty) conforming to ASTM D - 1785 and threaded to match with GI Pipes as per IS : 1239 (Part - I). with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) (a) (b) For Concealed Work PVC Pipes (Dia)									
		15 mm									
		Walls		1	24.000			24.000	mtr.		
							Total	24.000	mtr.	137.00	3288.00
		25 mm									
		Walls		1	15.000			15.000	mtr.		

2589013/2022/NHM SEC(H&FW)

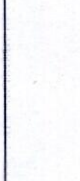
Sl No	ITEM NO.	DESCRIPTION OF ITEM	Description	NOS	LENGTH	WIDTH	HEIGHT or THICK	QUANTITY	QUANTITY	UNIT	Rate	Amount
		40 mm Walls		1	15.000		Total	15.000		mtr.	205.00	3075.00
		100 mm Rain pipe		1	6.500		Total	6.500		mtr.	292.00	4380.00
27	Page-37 Sl. no-6	Supplying P.V.C. water storage tank of approved quality with closed top with lid (Black) - Multilayer (a) 500 litre capacity		1			Total	6.500		mtr.	1134.00	7371.00
28	Page-45 Sl. no-119	Supplying, fitting and fixing pillar cock of approved make. Polythene Piller Cock (EMCO / ATLAS or equivalent) (l) 15 mm internal area		4			Total	4.000		Each	2584.00	2584.00
		Total					Total	4.000		Sqm	104.00	416.00
		GST 12 %									Rs.=	6,55,054.53
		TOTAL									Rs.=	78606.54
		Labour Welfare Cess 01%									Rs.=	7,33,661.07
		Contingency 03%									Rs.=	7336.61
		CIVIL TOTAL									Rs.=	22009.83
		Electrical Amount									Rs.=	763008.00
		Total Amount (Civil+Electrial)									Rs.=	102336.00
											Rs.=	865344.00



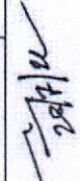
 Sub-Assistant Engineer
 National Rural Health Mission
 Health & Family Welfare Department
 Government of West Bengal



 Assistant Engineer (Civil)
 National Health Mission
 Health & Family Welfare Department
 Government of West Bengal



 Assistant Engineer (Elect.)
 National Health Mission
 H & FW Department
 Govt. of West Bengal



 Executive Engineer (Civil)
 National Health Mission
 Health And Family Welfare Department
 Government of West Bengal

2589013/2022/NHM SEC(H&F/W) Name of Work : Model Estimate for Electrical work for the new construction of Common Collection Site

All the rates of each item applied as per PWD (W.B.) Schedule of Rates w.e.f. November 2017 (Volume-I)

Sl. No.	Description of Item	Unit	Qty	Rate (INR)	Amount (INR)
1	Supply and laying of one no. 1.1 Kv grade, 2 core, 10 sqmm PVC/XLPE Armoured Aluminium cable(Make- Havells/Finolex/KEI) with earthing attachment (1 x 8) SWG GI wire in unerground trench 460 mm wide x 760 mm average depth , with brick protection on the top of the cable with 08(eight) nos. bricks per mtr. ,including filling the space between the brick & cable and also the trench with shifted soil , leveling up and restoring surface duly rammed. [PWD/GS Page: F2 Item: 1 (a).]	RM	60	338.82	20329.20
2	Supply and fixing compression type gland complete with brass gland, brass ring and rubber ring for dust and moisture proof entry of XLPE / PVC armoured cable as below as per EIC.(for 2 core, 10 sqmm cable) [PWD/GS Page: F4 Item: 7 (a).]	Each	5	115.00	575.00
3	Finishing the end of following XLPE/PVC armoured cables by crimping method incl. supply and fixing solderless socket (Dowels make), tapes, anticorrosive paste and jointing materials as per EIC.(for 2 core, 10 sqmm cable) PWD/GS Page: F5 Item: 8 (b) (iii).]	Set	5	34.00	170.00
4	Cutting channel of 40 mm x 40 mm size on masonry wall incl. S&F heavy gauge polythene pipe dia as stated below, by means of iron hooks and supplying and drawing 18 SWG GI Wire as fish wire incl. mending good damages to building works [PWD/GS Page: E2 Item: 3 (a).]				
	19 mm dia 3 mm thick polythene pipe without earth continuity wire	RM	30	87.00	2610.00
5	Supplying and Drawing 1.1 KV single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Brand approved by EIC) of the following sizes in the prelaid polythene pipe and by the prelaid GI fish wire and making necy. connection as required [PWD/GS Page: E9 Item: 1 (s).]				
	a) 2x36/0.3 (2.5 sqmm) + 1x22/0.3 (1.5 sqmm) as ECC	RM	30	65.00	1950.00
6	Distn. Wiring in 22/0.3 (1.5 sqmm) single core stranded 'FR' PVC insulated & unsheathed single core stranded copper wire (Make- Finolex/ KEI/ Havells) in 19 mm bore, 3 mm thick polythene pipe complete with all accessories embedded in wall to light/fan/call bell points with piyano key type switch (Anchor make) fixed on sheet metal (16 SWG) switch board with bakelite/perspex (wall matching colour) top cover (3 mm thick) flushed in wall incl. mending good damages to original finish.2X22/0.3(Ph.& N) and 1X22/0.3 as ECC. Avg Run 6 mtr. [PWD/GS Page: E9 Item: 2 (a) (i).]	Pt	10	780.00	7800.00
7	Supply and fixing of 240 V, 32 A DP Main Switch on flat iron frame on wall with nuts ,bolts etc.Make- Havells [PWD/GS Page: D1 Item: 1 (a).]	Each	1	1277.00	1277.00
8	Supply & fixing (2+ 4) way SPN Distribution board double door with IP-42/43 protection,having 1 no. 40 A DP MCB as incomer and 04 nos. 6-10 A 240 V SP MCBs of breaking capacity 10 kA & C characteristics as outgoing concealed in wall after cutting the & mending good the damages to original finish incl. inter connetion with suitable size of copper wire and neutral link & provision.(Enclosure (607710)) Make- Legrand [PWD/GS Page: D6 Item: 7, Page: D-9 Item: 13]	Set	1	2492.00	2492.00

Name of Work :- Model Estimate for Electrical work for the new construction of Common Collection Site					
All the rates of each item applied as per PWD (W.B.) Schedule of Rates w.e.f. November 2017 (Volume-I)					
Sl. No.	Description of Item	Unit	Qty	Rate (INR)	Amount (INR)
9	Supply and fixing of Timer Control Unit for controlling Compound light made of suitable size MS sheet duly Power coated paint with IP - 43 protection with front door locking arrangement with all connection and comprising with following accessories including necessary connenctions and earthing attachment on angel iron frame on wall / embedding in wall as per instruction of EIC. a) 10A DP MCB, - 2 nos. L&T / equivalent of Simens) b) 16A Double Pole Contactor - 1 no. (L&T-Type:MU16-2P / Simens) c) Time Switch (Crono) - 1 no. (L &T - GIC:67DDT0) d) Spring Return Selector Actuators - 1 No. (L&T: EMNGSJ1/ Simens) e) Gen Next LED Indicator, 240V AC - 1 Nos. (L&T:SILR240A / Simens) f) 16A DP Terminal Block [Analysed Rate]	Set	1	5601.25	5601.25
10	Supply & Fixing of 20 W ,240 V 4 ft single LED with box-type fittings incl. all accessroies directly on wall with suitable size MS fastener .Make- Philips fittings cat. Ref BN100C LED40S-6500 PSU L120 GR, Fixing only single fluorescent light fitting complete with all accessories directly on wall/ceiling with HW round block and suitable size of MS fastener [Analysed Rate]	Set	6	1318.60	7911.60
11	Supply & erection of 2 mtr. Long 80 mm dia GI pipe pole (ISI-M) with pole cap & base plate in CC foundation having 600x600x750 mm thick CC (5:3:1) base block below sole plate/pole with hard jharma metal including cc(6:3:1) muffing 0.3 mtrs. Dia and 0.3 mtrs. above ground level including 3 mm thick neat cement finish and GI earth bolt after making drilled holes etc. on pole incl. painting (1 coat of Alluminium paint, 2 coat of RO, 1 coat of Synthetic enamel) as per GS. Supply and Fixing of Single bracket type arm fabricated header with 100 mm dia GI pipe welded with 1.5 mtr. Long 40 mm dia GI pipe at an angle of 110 degree with horizontal plane with MS sole plate (450 x 450 x 6m) at the bottom of the pole incl. S/F nuts, bolts, washers etc. [UD&MA Schedule of Rates for Electrical-Mechanical Works, Vol 1, 2018, Page No.3, Item No. 2,3,4 & 5]	Item	1	6165.00	6165.00
12	Supply of 45 W, 240 V LED flood/street light on the roof of the header arm of the pole. Make- Philips SmartBright Street, BRP 052 LED 045 CW SLMR FG S1 PSU GR. [Analysed Rate]	Each	1	4197.40	4197.40
13	Fixing only outdoor / street light type fluorescent light fitting or MV light fitting complete with all accessories to be fixed /projected from the wall of the building incl. making holes/providing clamping arrangement & necy. GI reducer as required. S&F 40 mm GI pipe (ISI-Medium) quality 1.5 mts. average length having suitable bend S&F necy. length of 1.5 sqmm PVC insulated single core stranded annealed copper wire and making connections as required and mending good damages to wall incl. painting etc. [PWD/GS Page: C3 Item: 18]	Each	1	807.00	807.00
14	S & F 240 V, 20A, plug socket with separate 20 A Piano key type switch (Make- crabtree/Anchor) on sheet metal switch board embeded in wall incl. S & F 150x100x65mm MS(16SWG) switch board and bakelite/perspex top cover of 3mm thick by brass screws afyter making housing for switch by cutting bakelite/perspex cover and making necessary connection as required. [PWD/GS Page: E6 Item: 22]	Each	2	287.00	574.00

Name of Work :- Model Estimate for Electrical work for the new construction of Common Collection Site
2589013/2022/NHM SEC(H&FW)

All the rates of each item applied as per PWD (W.B.) Schedule of Rates w.e.f. November 2017 (Volume-I)

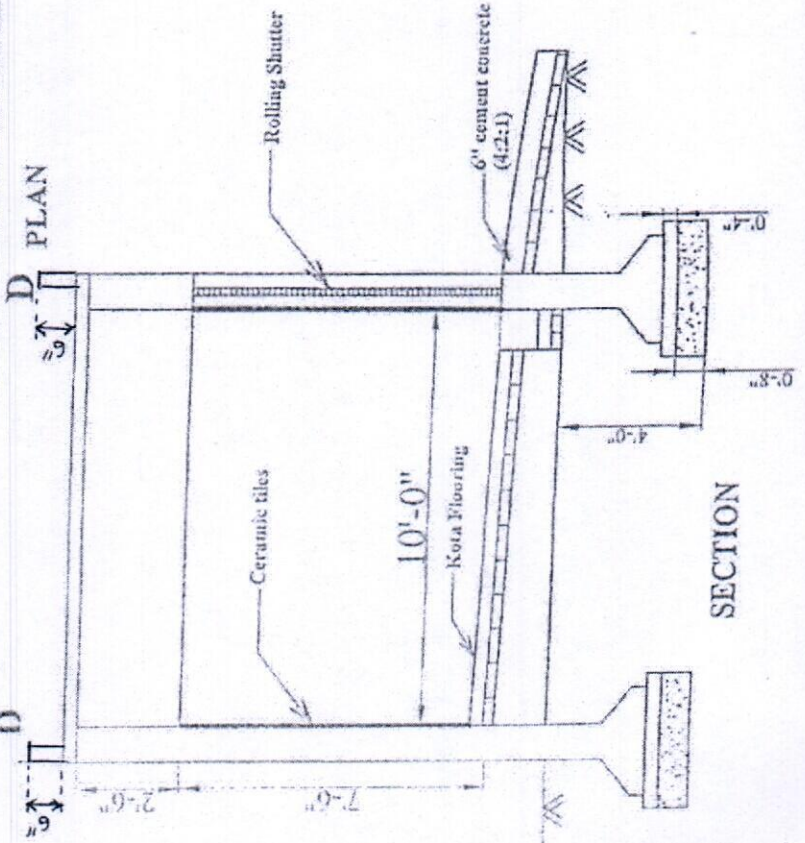
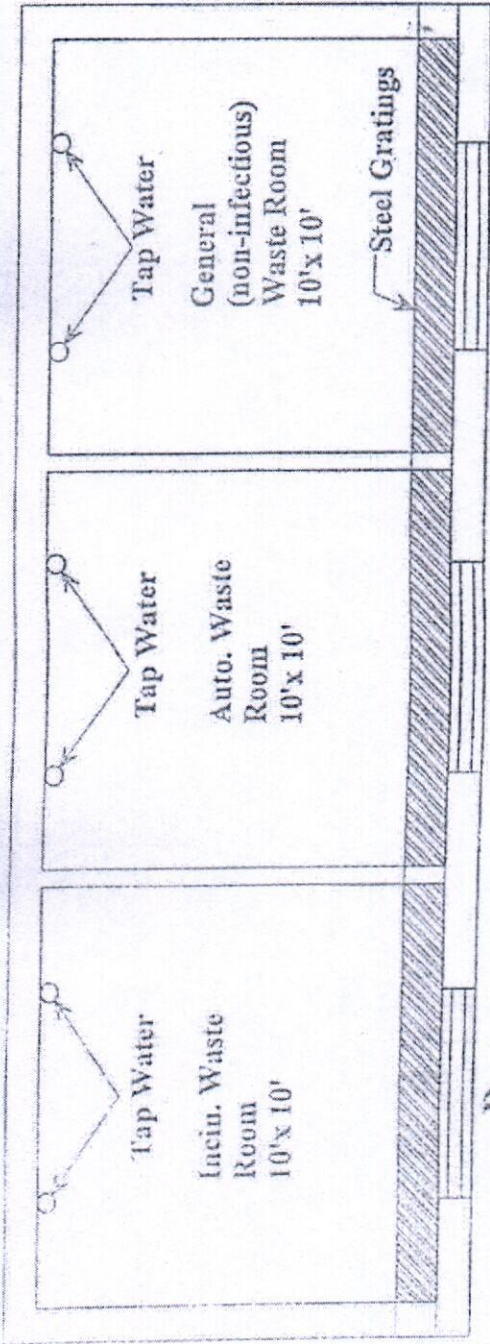
Sl. No.	Description of Item	Unit	Qty	Rate (INR)	Amount (INR)
15	Supplying & Fixing medium gauge GI Pipe (ISI - Medium) Protection with necessary fittings and joining materials as required. [PWD/GS Page: F6 Item: 11 (c).] a) 40 mm dia	RM	6	246.00	1476.00
16	S/F GI water proof type looping cable box size 200 x 150 x 100 mm deep having 4 mm thick comprising of one 250 volt 15 Amp kit-kat fuse unit, one NL on porcelain insulator, one compression type brass cable gland for 2 core 10 sq. mm. PVC/Al cable & having lined with rubber gasketed CI top cover with brass machine screws etc. earthing terminal with lug on ST pole near base, incl. S/F 40 x 6 mm thick MS clamps with bolts nuts etc. incl painting with anticorrosive paint. [PWD/GS Page: H5 Item: 5]	Set	1	458.00	458.00
17	Supply & delivery of EPC make 380mm/15" Sweep, 1420 rpm A.C Exhaust fan. [Analysed Rate]	Each	3	4456.25	13368.75
18	Fixing only exhaust fan after making hole in wall and making good damages and smooth cement finish etc. as practicable as possible and providing necy. length of PVC insulated wire and making connection for exhaust of following diameter: [PWD/GS Page: C4 Item: 28] (c) 38 cm (15")	Each	3	411.00	1233.00
19	Supply & Fixing GI sheet (20SWG) metal Cowl with MS flat iron frame & GI wire mesh on wall with necy. bolts & nuts (6 mm dia x 62 mm long) [PWD/GS Page: D14 Item: 33] 38 cm Exhaust fan (15")	Each	3	806.00	2418.00
20	Connecting the equipments body to earth busbar including S&F 20 mm x 3 mm galvanised (Hot Dip) MS flat on wall/floor with GI saddles as required and connection to equipments incl. drilling holes, with bolts, nuts, washers etc. [PWD/GS Page: G3 Item: 5 (c).]	Mtr.	12	92.00	1104.00
21	Supplying & fixing earth busbar of galvanized (Hot Dip) MS flat 25 mm x 6 mm on wall having clearance of 6 mm from wall including providing drilled holes on the busbar complete with GI bolts, nuts, washers, spacing insulators etc. as required.0.5 mtr. [PWD/GS Page: G2 Item: 4 (a).]	Mtr.	1	156.00	156.00
22	Earthing with 50mm dia G.I pipe 3.64mm thick x 3.04 Mts.long & 1x4SWG GI(Hot Dip) wire (4Mts long), 13mm dia x80mm long GI bolts ,double nuts,double washers incl. S& F 15mm Dia GI pipe protection (1Mts long)to be filled with bitumen partly under the ground level and partly above the ground level driven to an average depth of 3.65Mts.below the ground level by ISI-Medium GI pipe [PWD/GS Page: G1 Item: 2 (a).]	Each	1	1524.00	1524.00
Total Amount in Rs.					84197.20
Total Scheduled Amount in Rs.					36344.00
Total Non-Scheduled Amount in Rs.					47853.20
Add 10% (Maximum) District Charge on Scheduled Amount in Rs.					3634.40
Total Amount with District Charge in Rs.					87831.60
Add 12% GST in Rs.					10539.79
Total Amount with GST in Rs.					98371.39
Add CESS @ 1% in Rs.					983.71
Total Amount with CESS					99355.10
Add @ 3% contingency in Rs.					2980.65
Total amount incl. @3% contingency in Rs.					102335.75
Say					102336.00
Rupees One Lakh Two Thousand Three Hundred and Thirty Six Only					

Signature
 20/07/2022
 Sub-Assistant Engineer (Elec.)
 National Health Mission
 H & FW Department
 Govt. of West Bengal

Signature
 Page 3 of 3
 20/07/2022
 Assistant Engineer (Elec.)
 National Health Mission
 H & FW Department
 Govt. of West Bengal

Signature
 Executive Engineer (Civil)
 National Health Mission
 H & FW Department

8



**IDEAL COMMON
COLLECTION POINT
FOR PROPER BMW
MANAGEMENT**

02/03/2016

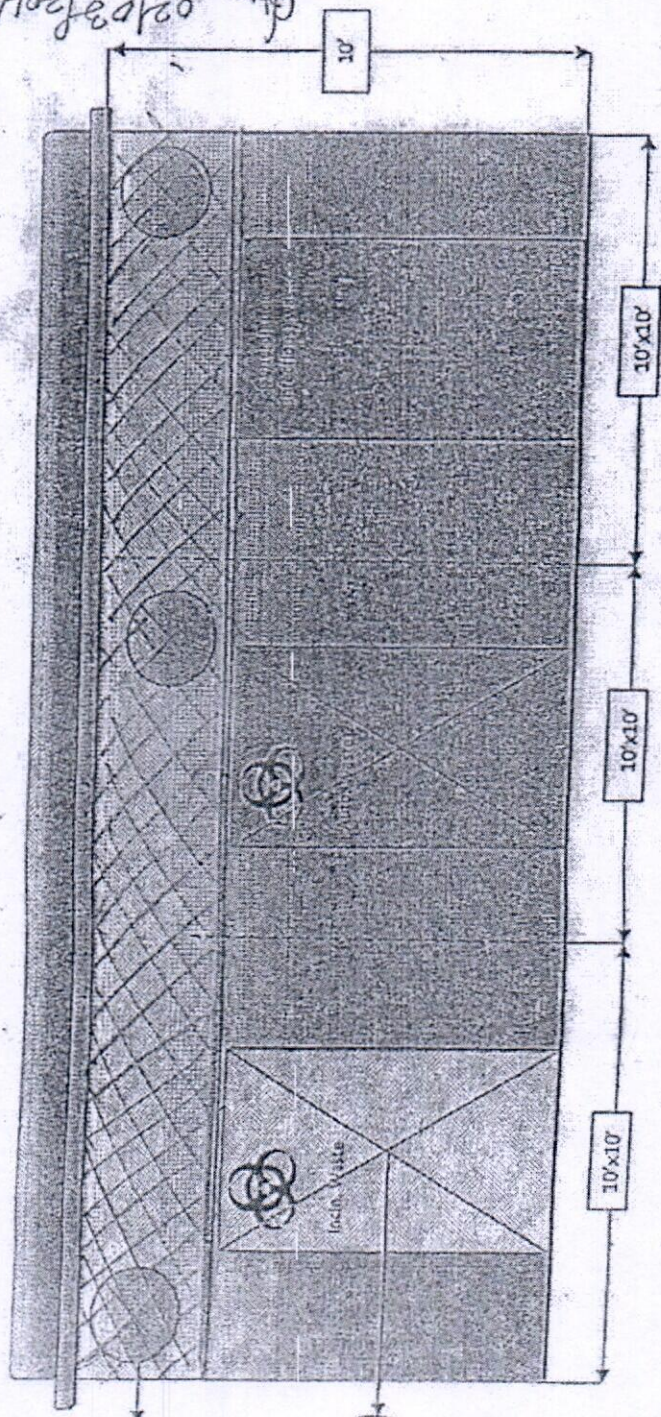
By: Director of Health Services
(Hospital - Intention)
Sector - V, Udaipur, KOL-01

N. Sanyal
12/06/15

Engineer in Charge
National Kala Mission
Health & Family Welfare Department
Government of West Bengal

150

Dr. 02/03/2016
Director of Health Services
Smt. Admitiya
Smt. Bhavani, C.A. 21
Kolkata, West Bengal



Proper Ventilation & Lights

Door should be under lock & key to restrict animal & dog plover access

N. Saha

Engineer in Charge
Health Mission
National B. Welfare Disbursal
Health & Family Welfare Department
Government of West Bengal

IDEAL COMMON COLLECTION POINT FOR PROPER BMW MANAGEMENT