KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

FAX NO - 03453 - 258160
Kat : (03453) 255-160 Chamber
Kat : (03453) 255-005 Office

Memo No ..... F.346.(Engg) Dated, Katwa, the ..19/02/2020

From:- **The Chairman**
Katwa Municipality
PO:- Katwa, Dist:- Purba Bardhaman

To:- **M/S. Sabnam Enterprise.**
Katwa- Burdwan Road, Katwa,
P.O:- Katwa, Dist:- Purba Bardhaman, Pin:- 713130

Sub:- Acceptance cum Work Order for Construction of Boundary Wall at the Premises of Shelter for Urban Homeless undar the scheme Shelter for Urban Homeless (SUH) at Ward No-17, Mouza- Charpataihat, Plot No-101, Khatian No-750 & 250, JL No-89 within Katwa Municipality, under DAY-NULM Grant..

Ref No:- Notice Inviting e Tender No:- WBMAD 64 (DEV/NULM/K.M) 2019-2020 (SL NO-2)
Tender Id:- 2019_MAD_259731_2
Tender No:- WBMAD 256 (DEV/NULM/K.M) 2019-2020
Estimated Amount:- 1122601.92
Offered Rate :- 1.07 % Below.
Tenderd Amount:- 1110590.08

Sir,

I am glad to inform you that rate offered by you for the above mentioned work has been accepted by the undersigned and accordingly you are hereby requested to please start the work as per instruction of the Executive Engineer , M .E. Dte, Burdwan Division. Also you are hereby requested to submit the original bank draft of Earnest Money & execute a formal agreement with the Chairman Katwa Municipality, Katwa, Purba Bardhaman within Seven Days in Triplicate by purchasing the copy of agreement from the office of the undersigned. Falling which your work order will be treated as Cancelled without further information in this regards and the Earnest Money so deposited will be forfeited. The work will have to be Commenced within Seven Days from the Date of Received of this letter and will be Completed within Stipulated time (Forty Five Days) as mentioned in the e- N.I.T.

Contextually it is worthy to mention here that no Sub- let of work in any part or from or authorized agency/ person/stand- in will be allowed for execution of works and will be strictly followed.

You are further requested to collect the from of application for contract labour (Regulation & Abolition) from appropriate authority and submit the Same in Duplicate to this office at an early date.

Thanking you

Yours faithfully

Chairman
Katwa Municipality

Chairman
Katwa Municipality

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

FAX NO - 03453 - 258160
Kat : (03453) 255-160 Chamber
Kat : (03453) 255-005 Office

Memo No ....7346/1.(Engg)

Dated, Katwa, the ...19/02/2020

Memo No:-

Dated:-

Copy forwarded for information and taking necessary action to :-

1. The Executive Engineer, M .E. Dte, Burdwan Division, Purba Bardhaman.
2. The Assistant Labour Commissioner, Regulated Market, S.T.K.K. Road, P.O.- Katwa, DIST.- Purba Bardhaman.
3. Finance Officer, Katwa Municipality, Katwa, Purba Bardhaman.
4. Barun Pal, S.A.E of Katwa Municipality, Katwa, Purba Bardhaman.

Chairman
Katwa Municipality

Chairman
Katwa Municipality

West Bengal Tenders

eProcurement System of Government of West Bengal

Finance Bid Evaluation Summary

Date : 18-Feb-2020 02:23 PM

Print

Organisation Chain :	MUNICIPAL AFFAIRS DEPARTMENT||URBAN LOCAL BODIES||KATWA
Tender ID :	2019_MAD_259731_2
Tender Ref No :	WBMAD64(DEV/NULM/KM)19-2020
Tender Title :	WBMAD64(DEV/NULM/KM)19-2020
Cover System :	2

Committee Chairperson/Co-ordinator Type :	**Internal**
Committee Chairperson/Co-ordinator Name :	**Rabindra Nath Chatterjee**
Committee Members :	
Summary Details :	**finsummary_474681.pdf (192.41 KB)**
Summary uploaded on :	**18-Feb-2020 02:23 PM**

No. of Bids : **3**

Bid List

S.No	Bid Number	Bidder Name	Opened By	Submitted Date	Quoted Amount/ Evaluated Amount in ₹	Rank	Status	Reason
1	1578987	M/S. SABNAM ENTERPRISE	RABINDRANATH CHATTERJEE	26-Dec 2019 07:32 PM	11,10,590.08	L1	Accepted	L1
2	1579026	SAMSUR ALAM	RABINDRANATH CHATTERJEE	26-Dec 2019 08:26 PM	11,20,693.50	L3	Rejected	L3
3	1579073	MAA DURGA CO OPERATIVE LABOUR CONTRACT AND CONSTRUCTION SOC LTD	RABINDRANATH CHATTERJEE	26-Dec-2019 08:14 PM	11,12,723.02	L2	Rejected	L2

Tender Inviting Authority

eProcurement System of Government of West Bengal
Created By: RABINDRANATH CHATTERJEE
Created Date/Time: 06-Feb-2020 03:24 PM
Tender Title: WBMAD64(DEV/NULM/IH36)19-2020
Tender ID: 2019_MAD_289731_2

Tender Inviting Authority: Chairman,Katwa Municipality.

Name of Work: Construction of boundary Wall at the Premises of Shelter for Urban homeless under the Scheme "Shelter for Urban Homeless (SUH)" at Ward No. 17, Mouza - Charpata

Contract No:

SCHEDULE OF WORK / ITEM(S)

Sl No	Bidder Name	Estimated Rate	Quoted Percentage	Quoted Rate in Figures and Words	
				Rate	Amount
1.00	SAMSUR ALAM	1122601.92	-17	1120693.60	Eleven Lakh Twenty Thousand Six Hundred and Ninty Three
2.00	MAA DURGA CO OPERATIVE LABOUR CONTRACT AND CONSTRUCTION SOC LTD	1122601.92	-88	1112723.02	Eleven Lakh Twelve Thousand Seven Hundred and Twenty Three
3.00	M/S. SABNAM ENTERPRISE	1122601.92	-1.07	1110590.08	Eleven Lakh Ten Thousand Five Hundred and Ninty

Lowest Amount Quoted BY: M/S. SABNAM ENTERPRISE(1110590.08)

06/02/2020
Sub-Assistant Engineer
Katwa Municipality

07/02/2020
Executive Officer
Katwa Municipality

07/02/2020
Junior Engineer
Burdwan Division
M. E. Dte.
Govt. Of West Bengal

07/02/2020
Assistant Engineer
Burdwan Division
M.E.Dte.
Govt. of W.B.

W/O may be issued to the lowest bidder

Test Checked.
07/02/2020.
DIVISIONAL ACCOUNTANT
BURDWAN DIVISION
M.E DTE
Govt. of W.B

10/02/2020
Executive Engineer
Burdwan Division
M. E. Dte.
U.D. & M.A. Dep.
Govt. of W. B.

BOQ Summary Details
Tender Title: WBMAD64(DEV/NULM/KM)19-2020
Tender ID: 2019_MAD_259731_2

Sheet Name	Sl.No	Bidder Name	Amount	Bid Rank
BoQ1	1	M/S. SABNAM ENTERPRISE	1110590.08	L1
	2	MAA DURGA CO OPERATIVE LABOUR CONTRACT AND CONSTRUCTION SOC LTD	1112723.02	L2
	3	SAMSUR ALAM	1120693.50	L3

06/02/2020
Sub-Assistant Engineer
Katwa Municipality

07/02/2020
Executive Officer
Katwa Municipality

07/02/2020.

03/02/2020

Junior Engineer
Burdwan Division
M. E. Dte.
Govt. Of West Bengal

WEST BENGAL STATE URBAN LIVELIHOOD MISSION

(Under Municipal Affairs Department, Government of West Bengal)

"ইলগাস ভবন", এইচ-সি ব্লক, সেকটর-৩, বিধাননগর, কলকাতা ৭০০ ১০৬, পশ্চিমবঙ্গ।
"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 106, West Bengal.

SUDA-135/2018/8424 **Date: 02/01/2020**

Memorandum

Release of fund to Katwa Municipality for O&M cost of Shelter for Urban Homeless under DAY-NULM

Funds are shown herein are being released electronically in favour of under mentioned ULB for O&M cost **of Shelter for Urban Homeless under DAY-NULM.**

Utilisation Certificate of funds received from SUDA may please be sent to this office and uploaded at sudawb.org→e-services positively within 60 days.

Sl No.	Name of Payee	Amount (In Rs.)	Payees Bank Details
01.	Katwa Municipality	90683	IDBI Bank, Katwa Branch, A/C No.1930104000042486, IFS Code. IBKL0001930

Finance Officer, SUDA

দূরভাষ: ২৩৫৮ ৬৪০৩/৬৪২১/৫৭৬৭, ফ্যাক্স : ২৩৫৮৫৮০০
Tel: 2358-6403/6421/5767, Fax: 2358-5800, E-Mail: wbsulm@gmail.com

Central: state share (60:40) would be provided for the O & M cost as the case may be, for each shelter for the period of first 5 years of operation. For O & M of one shelter catering to 50 urban homeless an amount of Rs. 6,00,000/- per annum is provisioned. The following Expenditure heads are permissible under the O&M cost for the shelters –

Sr. No.	Expenditure Heads	Details
1.	Annual Maintenance cost / shelter	Includes expenditure for electricity and other misc. expenses.
2.	Annual Servicing cost	Includes cost of upkeep, maintenance, replenishment of bedding and kitchen equipment etc.
3.	Annual cost of providing free food	Restricted to 10% of inmates who are old/ infirm etc. and cannot pay
4.	Staff Salary	Includes 3 caregivers in 8 hour shift and 1 full time manager.
Total O&M cost permissible – Rs. 6,00,000/- for one shelter catering to 50 urban homeless.		

The fund for operations & Management of the shelters will be released to the ULB in installments. No fund should be utilized for any purpose other than for which the amount is released.

Finance Officer, SUDA.

SUDA-135/2018/8424/1(2)

02.01.2020

Copy for information to:

The Chairperson/Executive Officer of Katwa Municipality.

He/she is requested to verify the respective Account of NULM of ULBs that the sanctioned amount has duly been credited. For any discrepancy, he/she is requested to report the same immediately to SUDA.

2. SMM, S&SI, NULM.

Finance Officer,SUDA

সুডা

রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

"ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA-135/2018 /8141

তারিখ 27.12.2019

From : Director, SUDA

To : The Manager,
State Bank of India,
Salt Lake City, Kolkata - 700 091.

Sub: Electronic Transfer of Fund debiting this office Current Account No. 37715094723

Shelter for Urban Homeless under NULM

Sir,

You are requested to kindly arrange for electronic transfer of funds as per details given below debiting the amounts from this office Current Account No. **37715094723** lying with your branch in respect of **O&M cost of shelter for Urban Homeless under DAY-NULM.**

Sl. No.	Name of Payee	Amount (In Rs.)	Payees' Bank Details
01	DAY NULM KATWA MUNICIPALITY	90,683.00	IDBI Bank, Katwa Branch, A/C No. 1930104000042486, IFS Code. IBKL0001930
TOTAL		90,683.00	
(Rupees Ninety thousand six hundred eighty three only)			

(Petrus Anuranjan Soreng)
Finance Officer
SUDA

(Debarati Dutta Gupta)
Director
SUDA

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০

Tel : 2358 6403/5767, Fax : 2358 5800, E-mail : wbsudadir@gmail.com

Account Section : 2358 6408

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

FAX NO - 03453 - 258160
Kat. (03453) 255 -160 Chamber
Kat. (03453) 255-005 Office

From :
Tapas Bhattacharjee
Executive Officer
Katwa Municipality

Memo No 130 / NULM / K.M

Dated, Katwa, the 16.11.2019

To,
The Director, WBSULM
SUDA, Kolkata

Subject:- SUH functional cost for two months of Katwa Municipality

Madam,

I want to inform you that "THIKANA" Shelter for Urban Homeless; Katwa Municipality has functioning smoothly from 19th August 2019. Total ~~stanght~~ strength of the shelter are 36. This may please be noted that shelter for Management Committee also functioning.

So,in order to continue the functional operation of the SUH, a statement of expenditure for next 2 months are prepared which is enclosed here.

Sl.No	Items	Quantity	Unit	Rate (In Rs.)	Amount (In Rs.)
1	**Quarterly Maintenance Cost of Shelter**				
i.	Electricity Charges	2	Month	5000.00	10000.00
ii.	Maintenance of Plumbing & Electrical Work	2	Month	500.00	1000.00
2	**Quarterly Service Cost**				
i.	Sweeping Charges	2	Month	3000.00	6000.00
ii	Replenishment of Bedding (Washing Charges)	2	10% of Capital Cost		2083.00
iii	Cost of Providing free food for 10% of inmates who are old/infirm and cannot pay (36*60*100)10%	2	Month	100.00	21600.00
3	**Staff Salary**				
i.	Manager	2	Month	10000.00	20000.00
ii	Caregivers: 3 no's for 3 shift	3 X 2	Month	5000.00	30000.00
Total					**90683.00**

Therefore I request you to kindly accord necessary financial sanction for the said SUH.

Thanking You

Executive Officer

Executive Officer
Katwa Municipality
Katwa Municipality

88[redacted]29/2019/NULM SEC(SUDA)

KATWA MUNICIPALITY

UTILIZATION CERTIFICATE SR 330A FORM

GO Nos. SUDA-135/2018/6356 Dt.-09/09/2019	Amount (Rs)	Certified that Rs. 1,36,025.00 under O & M cost of Shelter for Urban Homeless - DAY NULM sanctioned during the Year 2019-20 in favour of Katwa Municipality under Municipal Affairs Department, Government of West Bengal. GO No given in the margin, a sum of Rs. 1,14,588.00 only has been utilized for the purpose of which it is sanctioned.
	Resease Amount	
UC Memo no: 128/NULM/ K.M Date 15/11/2019	1,36,025.00	
Scheme Name: O&M DAY NULM		
	1,36,025.00	

Certified that I have stisfied myself that the condition on which the allotment was sanctioned has been duly fulfilled and that I have excised the following checks to see that the money was actually utilizesd for the purpose for which it was sanctioned.

Checks Exercised

Cash Book

Relevant Register

Checked By

Accountant Accountant Katwa Municipality

Signature of the Nodal Officer .....

Signature..... 16/11/19 Executive Officer Katwa Municipality

Date.....

S. Kolay.

Prepared By Manager Micro Enterprise

Manager, MIS & [redacted] MIS/ME Katwa Municipality

Chairman

Katwa Municipality

Chairman Katwa Municipality

সুডা

NOTE SHEET

SUDA

Sub: Release of fund (2 nd instalment of 1 st year) for Operation & Maintenance of Shelter unit under the scheme Shelter for Urban Homeless (SUH) under Katwa Municipality

It may be mentioned that a shelter unit is functional at Katwa Municipality under the scheme Shelter for Urban Homeless (SUH) under DAY-NULM. This unit is functional since 19.08.2019 and operation & maintenance is provided through an empanelled NGO. At present number of inmates in the shelter unit is 36 nos as per report submitted by ULB.

It may be further mentioned that a letter vide memo No. 130/NULM/KM dated: 16.11.2019 has been received from Chairman, Katwa Municipality regarding Operation & Maintenance cost of SUH, Katwa (Thikana). Concerned ULB has submitted the Utilization Certificate of O& M cost Rs. 114588.00 of 1 st instalment of 1 st year **(From Aug, 2019 to October,19)** (copy enclosed). Also a fund requisition for 2 months (November, 2019 to December, 2019) has received by this office as following.

Claim of fund for operation & maintenance of the shelter for Urban Homeless of Katwa Municipality for 2 Months

Sl. No	Item	Quantity	Unit	Rate in Rs.	Amount In Rs.
1.	**Quarterly maintenance cost**				
(i)	Electricity Charges	2	months	5000.00	10000.00
	Maintenance of plumbing & electrical work	2		500.00	1000.00
2.	**Quarterly Servicing Cost**				
(i)	Sweeping Charges	2	Months	3000.00	6000.00
(ii)	Replenishment of bedding	10%	3 months of capital cost		2083.00
3.	Cost providing free food for 10% of inmates who are old/infirm and cannot pay (36x60x100)10%	2	Months	100.00	21600.00
4.	**Staff Salary**				
(i)	Manager (full time)	2	Months	10000.00	20000.00
(ii)	Caregivers & Security : 3 nos.	2 X 3 nos	Months	5000.00	30000.00
				Total= Rs.90683.00	

It has been observed that the requisition of an amount of Rs.90683.00 (for 3 months) is submitted for O & M cost of shelter (copy enclosed in C.P. side). As O & M cost of earlier instalments have been utilized 83%, now based on the Operational & Maintenance guidelines of SUH an amount **Rs. 90683.00 (Rupees Ninety thousand six hundred and eighty three only)** may be released as 2 nd instalment of 1 st year in favour of Katwa Municipality as Operation and Maintenance cost for the period (November, 2019 to December, 2019) of shelter.

Submitted for your kind perusal and approval.

Addl. Mission Director, NULM

Director

A field visit report may be perused before sanction.

SD 21.11.19

21.11.19

882540/2019/NULM SEC(SUDA)

সুডা

NOTE SHEET

SUDA

As proposed. SMM (ID) MT visit and report.
Sd/- 25/11/19

AMD (NULM)

26.11.19

As directed above, it may be mentioned that in every fortnight concerned CMM of the ULB visit the functional SUH at Katwa and submit the report to SMMU as per prevailing norms. A copy of this fortnightly SUH visit report by CMM is placed in the C.P. side for your kind consideration. Further a visit from SMMU will be conducted by 07.12.19.

Submitted for your kind perusal

SMM 2D

Addl. M.D. NULM

S.P. 29.11.19

Seen the fortnightly report submitted by Manager, Social Dev & Welfare, Katwa Municipality.

Release 2nd instalment of the 1st year for DSM of the SUH under Katwa Municipality may be approved if report is found satisfactory.

2.12.19.

Director

AD (NULM)

S.D.

May be placed in e-office.

Sd/- 6/12

88[redacted]35/2019/NULM SEC(SUDA)

KATWA MUNICIPALITY

P.O- KATWA, DIST- PURBA BARDHAMAN

NATIONAL URBAN LIVELIHOODS MISSION

Format for functional SUH visit by CMMU

Name of SUH:- THIKANA

Capacity:- 50 Beds

Shelter Management Committee Meeting Held on 10.06.2019

A)	Documents Verification			
	Are all the registers as mentioned below maintained properly in the shelter? Checked - (Yes/ No)			Yes
	Register of inmates			Yes
	Permanent Register			Yes
	Stock register			Yes
	Attendance Register			Yes
	Accounts/ Cash Book			Yes
	Staff Attendance Register			Yes
	Shelter Management Committee meetings register			Yes
	Complaints and suggestions register			Yes
	Are all the registers updated?			Yes
	Are all the records regarding, the inmate maintained properly?			Yes
	Study grievance addressed in Grievance Register?			Yes
B)	Work Verification			
	Have all the staff aware about their duty?			Yes
	Have all the staff received the capacity building training for O & M of SUH?			No
	Is the night survey conducted in this month for identification of homeless? Yes/No			No
	If yes mention the date & number of person identified & rescued:			
C)	Physical Verification			
(I)	Condition of Shelter			Very Good
	Number of inmates at present			36
	Number of inmates left out the shelter in the present month			
	Remarks			The allotted amount supposed to be in sufficient for old age person
II)	Inventry of soft furnishings	Total	Usable	Not usable
	Bed Sheets :			50
	Pilows			50
	Pilow Covers			50
	Mosquito nets			50
	Water purifier			Available as per GO
III)	Check whether the water purifier is functional			Yes
	Whether it is covered under AMC? If yes, mentioned the date upto which it is covered.			Yes

88[redacted]35/2019/NULM SEC(SUDA)

	Entertainment facility	No
	How many televisions are there and whether they are functional?	No
IV)	Please specify the group of urban homeless cater in the shelter	
a.	Men	19
b.	Women / Single Women and their dependent children	13
c.	Children	4
d.	Aged	2
e.	Physically Challenged	2
f.	Mentally Disabled	12
g.	Family	1(one mother with four child)
h.	Any other (as mentioned in Para 3.3 of the SUH Guidelines)	
(D)	Other issues	
(i)	Any linkage with social entitlements & if yes mention it with number of beneficiaries:	No
(ii)	Health check up & screening test of inmates arranged in the present month [Yes / No]	Yes
	If yes, mention the date & how many people covered in this:	36 People check up date:- 16.11.2019
(iii)	When were you last present for the night survey to identify beneficiaries? Mention the details (places visited, number identified, male, female and age breakup)	Yes ,Place of visit- Railway station, Bus stand, 3 male & 2 female homeless person collection.
(iv)	Did you have meal with the inmates? If yes, quality of the meal.	Yes, Very Good
(v)	Is the kitchen garden being raised and maintained?	Yes
(vi)	Aare toilatiries supplied to the inmates? If yes, mention the items.	Yes, Coconut Oil,Tooth Pest & Brush, Mirror
(E)	General Observations	
1	Good Practices:	Regular Health Checkup Camp & Medicine supply
a.	General Hygiene maintained by inmates:	Yes
b.	Cooking practices	Gas, Clean Kitchen
c.	Is the food provided to inmates tested& Quality of food & menu for the inmates on that time	Yes Per Day
d.	Entertainment facility:	No
e.	Is any Livelihood opportunity created for inmates:	No
2	Any issue Infrastructure related:	No
3	Poor practices:	No

Recommendation for improvement	Action to be taken by ULB/SUDA	Timeline
1. Entertainment Facility 2. Livelihood opportunity	Training of SUH staff	By one months

Report During time :- 1.11.2019 to 15.11.2019

16.11.2019

Manager
Social Development &
Infrastructure
Katwa Municipality

KATWA MUNICIPALITY

P.O- KATWA, DIST- PURBA BARDHAMAN

NATIONAL URBAN LIVELIHOODS MISSION

Format for functional SUH visit by CMMU

Name of SUH:- THIKANA

Capacity:- 50 Beds

Shelter Management Committee Meeting Held on 10.06.2019

A)	Documents Verification			
	Are all the registers as mentioned below maintained properly in the shelter? Checked - (Yes/ No)			Yes
	Register of inmates			Yes
	Permanent Register			Yes
	Stock register			Yes
	Attendance Register			Yes
	Accounts/ Cash Book			Yes
	Staff Attendance Register			Yes
	Shelter Management Committee meetings register			Yes
	Complaints and suggestions register			Yes
	Are all the registers updated?			Yes
	Are all the records regarding, the inmate maintained properly?			Yes
	Study grievance addressed in Grievance Register?			Yes
B)	Work Verification			
	Have all the staff aware about their duty?			Yes
	Have all the staff received the capacity building training for O & M of SUH?			No
	Is the night survey conducted in this month for identification of homeless? Yes/No			No
	If yes mention the date & number of person identified & rescued:			
C)	Physical Verification			
(I)	Condition of Shelter			Very Good
	Number of inmates at present			36
	Number of inmates left out the shelter in the present month			
	Remarks			The allotted amount supposed to be in sufficient for old age person
II)	Inventry of soft furnishings	Total	Usable	Not usable
	Bed Sheets :			50
	Pilows			50
	Pilow Covers			50
	Mosquito nets			50
	Water purifier			Available as per GO
III)	Check whether the water purifier is functional			Yes
	Whether it is covered under AMC? If yes, mentioned the date upto which it is covered.			Yes

	Entertainment facility	No
	How many televisions are there and whether they are functional?	No
IV)	Please specify the group of urban homeless cater in the shelter	
a.	Men	19
b.	Women / Single Women and their dependent children	13
c.	Children	4
d.	Aged	2
e.	Physically Challenged	2
f.	Mentally Disabled	12
g.	Family	1(one mother with four child)
h.	Any other (as mentioned in Para 3.3 of the SUH Guidelines)	
(D)	Other issues	
(i)	Any linkage with social entitlements & if yes mention it with number of beneficiaries:	No
(ii)	Health check up & screening test of inmates arranged in the present month [Yes / No]	Yes
	If yes, mention the date & how many people covered in this:	36 People check up date:- 16.11.2019
(iii)	When were you last present for the night survey to identify beneficiaries? Mention the details (places visited, number identified, male, female and age breakup)	Yes ,Place of visit- Railway station, Bus stand, 3 male & 2 female homeless person collection.
(iv)	Did you have meal with the inmates? If yes, quality of the meal.	Yes, Very Good
(v)	Is the kitchen garden being raised and maintained?	Yes
(vi)	Aare toilatiries supplied to the inmates? If yes, mention the items.	Yes, Coconut Oil,Tooth Pest & Brush, Mirror
(E)	General Observations	
1	Good Practices:	Regular Health Checkup Camp & Medicine supply
a.	General Hygiene maintained by inmates:	Yes
b.	Cooking practices	Gas, Clean Kitchen
c.	Is the food provided to inmates tested& Quality of food & menu for the inmates on that time	Yes Per Day
d.	Entertainment facility:	No
e.	Is any Livelihood opportunity created for inmates:	No
2	Any issue Infrastructure related:	No
3	Poor practices:	No

Recommendation for improvement	Action to be taken by ULB/SUDA	Timeline
1. Entertainment Facility 2. Livelihood opportunity	Training of SUH staff	By one months

Report During time :- 1.11.2019 to 15.11.2019

16.11.2019

Manager
Social Development & Infrastructure
Latwa Municipality

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

FAX NO - 03453 - 258160
Kat : (03453) 255-160 Chamber
Kat : (03453) 255-005 Office

Memo No .130/NULM/K.M..... Dated, Katwa, the .16.11.2019.....

To,
The Director, WBSULM
SUDA, Kolkata

Subject: SUH functional cost for two months in Katwa Municipality

Madam,

I want to inform you that "THIKANA" Shelter for Urban Homeless, Katwa Municipality has been functioning smoothly from 19th August 2019. The total strength of the shelter is 36. This may please be noted that shelter for Management Committee is also functioning.

Therefore, in order to continue the functional operation of the SUH, a statement of expenditure for the next 2 months has been prepared which is enclosed here.

Sl.No	Items	Quantity	Unit	Rate (In Rs.)	Amount (In Rs.)
1	**Quarterly Maintenance Cost of Shelter**				
i.	Electricity Charges	2	Month	5000.00	10000.00
ii.	Maintenance of Plumbing & Electrical Work	2	Month	500.00	1000.00
2	**Quarterly Service Cost**				
	Sweeping Charges	2	Month	3000.00	6000.00
	Replenishment of Bedding (Washing Charges)	2	10% of Capital Cost		2083.00
iii	Cost of Providing free food for 10% of inmates who are old/infirm and cannot pay (36*60*100)10%	2	Month	100.00	21600.00
	Staff Salary				
	Manager	2	Month	10000.00	20000.00
	Caregivers: 3 no's for 3 shift	3 X 2	Month	5000.00	30000.00
Total					**90683.00**

Last Quarter Balance amount in hand of Municipality = **21437.00**

Required amount for 2 months 90683.00 – 21437.00 = 69246.00 (Sixty Nine thousand two hundred forty six).

Therefore I request you to kindly accord necessary financial sanction for the said SUH.

Thanking You

Chairman
Katwa Municipality

Chairman
Katwa Municipality

KATWA MUNICIPALITY

UTILIZATION CERTIFICATE SR 330A FORM

GO Nos. SUDA-135/2018/6356 Dt.-09/09/2019	Amount (Rs) Resease Amount	Certified that Rs. 1,36,025.00 under O & M cost of Shelter for Urban Homeless - DAY NULM sanctioned during the Year 2019-20 in favour of Katwa Municipality under Municipal Affairs Department, Government of West Bengal. GO No given in the margin, a sum of Rs. 1,14,588.00 only has been utilized for the purpose of which it is sanctioned.
UC Memo no: 128/NULM/ K.M Date 15/11/2019	1,36,025.00	
Scheme Name: O&M DAY NULM		
	1,36,025.00	

Certified that I have stisfied myself that the condition on which the allotment was sanctioned has been duly fulfilled and that I have excised the following checks to see that the money was actually utilizesd for the purpose for which it was sanctioned.

Checks Exercised

Cash Book

Relevant Register

Checked By

Accountant

Accountant
Katwa Municipality

Signature of the Nodal Officer .....

Signature.....

16/11/19
Executive Officer
Katwa Municipality

Date.....

S. Kolay

Prepared By

Manager
Micro Enterprise
MIS & ME
Katwa Municipality

Manager, MIS & [illegible] DAY NULM

Chairman

Katwa Municipality

Chairman
Katwa Municipality

সুডা

রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

"ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA-135/2018/6345 তারিখ 09.09.2019

From : Director, SUDA

To : The Manager,
State Bank of India,
Salt Lake City, Kolkata - 700 091.

Sub: Electronic Transfer of Fund debiting this office Current Account No. 37715094723

Shelter for Urban Homeless under NULM

Sir,

You are requested to kindly arrange for electronic transfer of funds as per details given below debiting the amounts from this office Current Account No. **37715094723** lying with your branch in respect of **O&M cost of shelter for Urban Homeless under DAY-NULM.**

Sl. No.	Name of Payee	Amount (In Rs.)	Payees' Bank Details
01	DAY NULM KATWA MUNICIPALITY	1,36,025.00	IDBI Bank, Katwa Branch, A/C No. 1930104000042486, IFS Code. IBKL0001930
TOTAL		1,36,025.00	
(Rupees one lakh thirty six thousand twenty five only)			

(Petrus Anuranjan Soreng)
Finance Officer
SUDA

9/9/19

(Debarati Dutta Gupta)
Director
SUDA
09.09.2019.

দূরভাষ ঃ ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স ঃ ২৩৫৮ ৫৮০০
Tel : 2358 6403/5767, Fax : 2358 5800, E-mail : wbsudadir@gmail.com
Account Section : 2358 6408

WEST BENGAL STATE URBAN LIVELIHOOD MISSION

(Under Municipal Affairs Department, Government of West Bengal)

"ইলগাস ভবন", এইচ-সি ব্লক, সেকটর-৩, বিধাননগর, কলকাতা ৭০০ ১০৬, পশ্চিমবঙ্গ।

"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 106, West Bengal.

SUDA-135/2018/ 6356

Date: 09/09/2019

Memorandum

Release of fund to Katwa Municipality for O&M cost of Shelter for Urban Homeless under DAY-NULM

Funds are shown herein are being released electronically in favour of under mentioned ULB for O&M cost of Shelter for Urban Homeless under DAY-NULM.

Sl No.	Name of Payee	Amount (In Rs.)	Payees Bank Details
01.	Katwa Municipality	136025	IDBI Bank, Katwa Branch, A/C No.1930104000042486, IFS Code. IBKL0001930

Finance Officer, SUDA

দূরভাষ: ২৩৫৮ ৬৪০৩/৬৪২১/৫৭৬৭, ফ্যাক্স : ২৩৫৮৫৮০০

Tel: 2358-6403/6421/5767, Fax: 2358-5800, E-Mail: wbsulm@gmail.com

Central: state share (60:40) would be provided for the O & M cost as the case may be, for each shelter for the period of first 5 years of operation. For O & M of one shelter catering to 50 urban homeless an amount of Rs. 6,00,000/- per annum is provisioned. The following Expenditure heads are permissible under the O&M cost for the shelters –

Sr. No.	Expenditure Heads	Details
1.	Annual Maintenance cost / shelter	Includes expenditure for electricity and other misc. expenses.
2.	Annual Servicing cost	Includes cost of upkeep, maintenance, replenishment of bedding and kitchen equipment etc.
3.	Annual cost of providing free food	Restricted to 10% of inmates who are old/ infirm etc. and cannot pay
4.	Staff Salary	Includes 3 caregivers in 8 hour shift and 1 full time manager.
Total O&M cost permissible – Rs. 6,00,000/- for one shelter catering to 50 urban homeless.		

The fund for operations & Management of the shelters will be released to the ULB in installments. No fund should be utilized for any purpose other than for which the amount is released.

09.09.19

Finance Officer, SUDA.

SUDA-135/2018/6356/1(3) 09.09.2019

Copy for information to:

1. The Chairperson/Executive Officer Katwa Municipality.

He/she is requested to verify the respective Bank Account of the ULB in respect of NULM that the sanctioned amount has duly been credited. For any discrepancy, he/she is requested to report the same immediately to SUDA.

2. F.A., SUDA.
3. Cashier, SUDA.

Finance Officer,SUDA

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

FAX NO.- 03453 - 258160
Kat : (03453) 255-160 Chamber
Kat : (03453) 255-005 Office

Memo No ..52/MUL/KM

Dated, Katwa, the ..22.8.19.....

To,

The Director, WBSULM

SUDA, Kolkata

Subject:- SUH functional cost for three months of Katwa Municipality

Madam,

This is to draw your kind attention that Shelter for Urban Homeless has started it's functioning on and from 19th August with the presence of 36 urban homeless, in present of honorable District Magistrate Purba Bardhaman Mr. Bijoy Bharati IAS, , SDO Katwa – Sub Division and other dignitaries remained present. This may please be noted that Shelter for Management Committee is already constituted and Staff is already engaged for SUH as per your official guidelines.

So, in order to continue the functional operation of the SUH, a statement of expenditure for next 3 months are prepared which is enclosed here.

SL.NO	ITEM	QUANTITY	UNIT	RATE IN Rs.	AMOUNT In Rs.
1	**Quarterly Maintenance Cost of Shelter**				
I.	Electricity Charges	3	Month	5000.00	15000.00
ii.	Maintenance of Plumbing & Electrical Work	3		500.00	1500.00
2.	**Quarterly Service Cost**				
i.	Sweeping Charges	3		3000.00	9000.00
ii.	Replenishment of Bedding (Washing Charges)	3	10% of Capital Cost		3125.00

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

FAX NO - 03453 - 258160
Kat : (03453) 255-160 Chamber
Kat : (03453) 255-005 Office

Memo No .....

Dated, Katwa, the .....

iii.	Cost of Providing free food for 10% of inmates who are old/ infirm and cannot pay (36 * 90* 100)10%	3		100.00	32400.00
3.	**Staff Salary**				
i.	Manager	3		10000.00	30000.00
ii.	Caregivers: 3 no for 3 shifts	3*3 Nos.		5000.00	45000.00
Total					**136025.00**

Therefore I request you to kindly accord necessary financial sanction for the said SUH.

Thanking You

Chairman
Katwa Municipality

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

KATWA MUNICIPALITY * KATWA, BURDWAN *

FAX NO - 03453 - 258160
Kat : (03453) 255-160 Chamber
Kat : (03453) 255-005 Office

Memo No 46 /NULM/KM.

Dated, Katwa, the 08/08/2019

To,

The Director , WBSULM

SUDA,

Sir,

This is to inform you that the following steps have been taken for Shelter for Urban Homeless.

1. *Meeting of Shelter Management Committee held on 10.06.2019 at 3.00 pm. The list of attending members enclose annexure-1.*

2. *Meeting of the City Level Selection Committee held on 07.08.2019 at 3.30 pm and memo no 45(10)/NULM/KM . As guideline of SUDA & as per decision of CLSC of DAY-NULM read with notification 21(2)/NULM/KM at 25.07.2019 . The following staff are selected for engagement of rendering service for Urban Homeless , Katwa, the list of Selected person enclose Annexure-2.*

3. *The sanction date inauguration of Shelter for Urban Homeless with fixed on 14.08.2019 at 4.00 pm.*

Chairman
Katwa Municipality
Chairman
Katwa Municipality

KATWA MUNICIPALITY
KATWA, BURDWAN

Annexure – I

Shelter Management Committee (SMC)

Katwa Municipality

Katwa , Purba Bardhaman

Meeting NO:- 1 *Meeting Date:- 10.06.2019* *Meeting time:- 3.00 P.M*

1	Chairman in charge of NULM	Mr. Rabindra nath Chatterjee	Chairman
2	City Project Officer , WBSULM	Mr. Tapas Bhattacharjee	Executive Officer & Member Convener
3	City Mission Manager in charge of Shelter	Mr. Sourav Sen	SM & ID MANAGER
4	CMOH or his representative	Mr. Pranab Roy	CMOH , Purba Bardhaman
5	District Social Welfare Officer or his representative	Absent	Member
6	General Manager of District Industry Center or his representative	Absent	Member
7	Officer in Charge of Local Police Station	Absent	Member
8	Representative from the Agency for O & M	Vivekananda Area Level Federation	Member
9	Representative from the Civil Society	Dr. Satyabrata Bute	Member
10	Any one may co-opt. by the ULB	Mr. Sayan Mukherjee	Finance Officer

Chairman
Katwa Municipality
Chairman
Katwa Municipality

Annexure -2

KATWA MUNICIPALITY
P.O- KATWA, DIST- PURBA BARDHAMAN
NATIONAL URBAN LIVELIHOODS MISSION

Memo No:- 45(10)/NULM/KM

Date:-07.08.2019

Engagement Letter for Staff of The Shelter for Urban Homeless.

As per guidelines of SUDA & as per decision of City Level Selection Committee of DAY-NULM read with notification no- 21(2)/NULM/KM dt. 25.07.2019 , the following staff are selected for engagement of rendering services at Shelter for Urban Homeless , Katwa which are as follows:-

SL.NO.	NAME	DESIGNATION	REMUNERATION
1	Subhasish Bhattacharjee	Manager	10000/- Per month
2	Susanta Chatterjee	Caregivers (Male)	5000/- Per Month
3	Banani Dutta	Caregivers (Female)	5000/- Per Month
4	Biplab Dutta	Security Guard	5000/- Per Month

The engagement is purely on temporary basis on contract service for the period of 1 (one) year and likely to be renewed on the basic of performance of the concerned employee. They should join in their duties within 07(seven) days from the date of receipt of this letter at NULM Section, Katwa Municipality, failing which the engagement may be treated as cancelled.

Chairman
Katwa Municipality
Chairman
Katwa Municipality

সুডা

রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

"ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

SUDA-135/2018/ 5557 17.08.2019

ক্রমিক নং ..... তারিখ .....

From : Shri Joly Chaudhuri WBCS (Exe.),
Jt. Secretary, UD & MA Department &
Addl. Mission Director, WBSULM

To : Chairman,
Katwa Municipality

Sub : **Administrative approval & financial sanction for 'Construction of boundary wall for SUH at Katwa'**

Sir,

Administrative approval & financial sanction is hereby accorded for the scheme **'Construction of boundary wall for SUH at Katwa'** at an estimated cost of ₹ **1155947** (₹ Eleven lakh fifty five thousand nine hundred forty seven) only at Katwa Municipality.

Fund to be released in 2 (two) equal instalments only after receipt of requisition from Katwa Municipality. 50% of the fund to be released after issuance of work order. Rest 50% to be released after completion of the scheme and submission of a physical completion report by the implementing agency. The work will be tendered by Katwa Municipality and executed under technical supervision of MED. Work to be executed strictly in accordance with the estimate vetted by the MED. Onsite deviation during execution required if any is to be carried out with prior approval from this office. The sanctioned amount is not to be utilised for any other purposes other than the scheme for which it has been sanctioned.

This issues with the approval of the Principal Secretary, UD & MA Department, Govt. of West Bengal.

Yours faithfully,

17.08.19

Jt. Secretary, UD & MA Dept.
&
Addl. Mission Director, WBSULM

SUDA-135/2018/ 5557/1(5) 17.08.2019

Copy forwarded for information to :

(1) Secretary, MED
(2) Chief Engineer, MED
(3) Superintending Engineer, MED (Concerned Circle)
(4) Executive Engineer, Burdwan Division, MED
(5) CMMU, Katwa Municipality

17.08.19

Jt. Secretary, UD & MA Dept.
&
Addl. Mission Director, WBSULM

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০
Tel : 2358 6403/5767, Fax : 2358 5800, E-mail : wbsudadir@gmail.com
Account Section : 2358 6408

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

Office of the Councillor Katwa, Purba Bardhaman Katwa Municipality

FAX NO - 03453 - 25816
Kat : (03453) 255-160 Chambe
Kat : (03453) 255-005 Offic

Memo No 662/Engg

Dated, Katwa, the 12/09/2019

To
The Director
State Urban Development Agency,
ILGUS Bhavan, H-C Block, Sector – III,
Bidhannagar, Kolkata – 700106, W.B.

Sub : Administrative approval and Financial Sanction for Boundary Wall (Length of Boundary wall – 100.00 mtr.) at the Premises of Shelter for Urban Homeless under the Scheme "Shelter for Urban Homeless (SUH)" at Ward No. 17, Mouza - Charpatailiat, Plot No. 101, Kh. No. 750 & 250, J.L. No. 89 within Katwa Municipality under DAY- NULM grant.

Ref : (i) Your office no. SUDA-23/2014(MPR)/4468(35), Date – 04/07/2019.

(ii) Executive Engineer, Burdwan Division M.E.Dte's Office memo no. MED/BWN/112/1W(NULM)/2017, Dated – 11/07/2019

Sir / Madam,

With references to above, I am to furnish herewith 1 (One) copy of Drawing and Estimate in original as cited above duly vetted by the Executive Engineer, Burdwan Division M.E.Dte. amounting to Rs. 11,55,947.00 (Rupees Eleven Lakhs Fifty Five Thousand Nine Hundred forty seven) only including 12% GST, 1% Cess and 3% Contingency Charges. Total Length of proposed Boundary Wall is 100.00 mtr. (One Hundred metre).

Hence, I am requesting you to please find the enclosure and take necessary action from your end towards accord Administrative Approval and Financial Sanction for same.

Thanks & Regards.

Enclo : As stated

Yours faithfully

Chairman
Katwa Municipality

Chairman
Katwa Municipality

OFFICE OF THE EXECUTIVE ENGINEER
BURDWAN DIVISION
MUNICIPAL ENGINEERING DIRECTORATE
PURTA BHAVAN; 5TH FLOOR
SREEPALLY, PURBA BURDWAN
GOVT. OF WEST BENGAL

Email id: eemedbwd@gmail.com

Ph. + Fax No- 0342 2645119

Memo No. MED/BWN/ 112 / 1W(NULM)/2017 *Dated. 11/07/2019*

From : The Executive Engineer,
Burdwan Division,
M.E. Directorate.
PurbaBurdwan.

To: The Chairman,
Katwa Municipality,
Purba Burdwan

Sub. : Vetting for the work of Construction of Boundary wall at the premises of shelter at J. L. No.-89, Plot No-101, Ward No- 11 under the Scheme "Shelter for Urban Homeless (SUH)" under DAY- NULM within Katwa Municipality.

Ref.: Memo no-604/Engg. Dt.-08/07/19

Sir,

In reference to the above mentioned subject, I am sending an estimate in duplicate along with drawing for the above noted work amounting to RS 11,55,947.00 duly vetted from this end as per current PWD schedule of rates & items including 12% G.S.T, 1% Cess and 3% Contingency charges as per vide letter no-SUDA-23/2014(MPR)/4468(35), dt.-04.07.2019 of the Jt. Secretary, UD & MA Department & Addl. Mission Directorate, WBSULM.

This is for your kind information and taking necessary action please.

Thanking you.

Enclo:- As stated

Yours faithfully,

Executive Engineer
Burdwan Division
M. E. Directorate

Memo No. MED/BWN/ / 1W(NULM)/2017 *Dated. 11/07/2019*

i)The Superintending Engineer, West Circle, Burdwan

Executive Engineer
Burdwan Division
M. E. Directorate

Katwa Municipality
P.O.- Katwa, Dist- Purba Bardhaman.

Estimate for Construction of boundary Wall at the Premises of Shelter for Urban homeless under the Scheme "Shelter for Urban Homeless (SUH)" at Ward No. 17, Mouza - Charpatalhat, Plot No. 101, Kh. No. 750 & 250, J.L. N. 89 within Katwa Municipality under DAY-NULM grant.

As Per P.W.D. Schedule of rates (Building and electrical) 2017 with latest CORRIGENDA ADDENDA.

Sl. No.	Description of item.	Qty.	Unit	Rate	Amount
1	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete (a) Depth of excavation not exceeding 1.500 mm	50.00 M^3	M^3	119.27	5963.50
2	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand	61.00 M^2	M^2	324.00	19764.00
3	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work) (a) With earth obtained from excavation of foundation	15.00 M^3	$\%M^3$	7754.00	1163.10
4	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor	185.00 M^2	M^2	664.00	122840.00
5	Brick work with 1st class bricks in cement mortar (1:6)			4812.00	24060.00
	(a) In foundation and plinth	5.00 M^3	M^3	~~4830.00~~	~~24150.00~~
	(b) In superstructure, ground floor	5.00 M^3	M^3	~~5220.00~~	~~26100.00~~
6	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) in ground floor (A) [Pakur Variety] (a) 1:3:6 proportion	5.00 M^3	M^3	5035.00 4830.00	25175.00 24150.00
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 (i) Pakur Variety In Ground Floor	56.00 M^3	M^3	5807.16	325200.96
8	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 and upto roof of ground floor/upto 4 m (i) Tor steel/Mild Steel SAIL/TATA/RINL	4.50 M.T.	M.T.	67006.15 ~~68053.00~~	301527.68 ~~306238.50~~
9	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)				
	(a) 25 mm to 30 mm shuttering without staging in foundation	12.00 M^2	M^2	205.00	2460.00
	(b) 25 mm to 30 mm thick wooden shuttering as per decision & direction of Engineer-in-Charge	90.00 M^2	M^2	328.00	29520.00
10	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary (Ground floor) [Excluding cost of chipping over concrete surface] With 1:6 cement mortar, 15 mm thick plaster	250.00 M^2	M^2	136.00 ~~134.00~~	34000.00 ~~33500.00~~
11	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	20.00 M^2	M^2	29.00	580.00

	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering 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)	20.00 M^2	M^2	79.00	1580.00
13	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC In Ground Floor (a) One Coat	250.00 M^2	M^2	3140.00	7850.00
14	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer In Ground floor (Two Coat) a) Normal Acrylic Emulsion	250.00 M^2	M^2	67.00	16750.00
15	M.S. gate of Jail type as per approved design made of strong M.S. frame work, intermediate stiffeners and round / square bars or angles. M.S. sheet (not less than 14 gauge) gussets, cleats etc. including necessary riveting, bolting, welding, locking and hanging arrangements, fitting and fixing complete as per direction of the Engineer-in -charge In ground floor	2.50 Qntl	Qntl	7566.00	18915.00
16	(a) Supplying, fitting galvanised 3 ply 12 gauge / 4 points line of barbed wire in fencing (holes already made in the body of the post) or fixed by staples tightening and fixing the wires in taut condition with straining bolts including the cost of cutting and of lapping joints in the wire as necessary but excluding the cost of galvanised staples,straining bolt and binding wire where necessary	400.00 Mtr	%Mtr	2768.00	11072.00
17	Supplying galvanised straining bolts (with eye at one end with double nuts and washers) fitted and fixed complete (ii) 12 mm dia (b) 250 mm	33 nos	Each	74.00	2442.00
18	Supplying galvanised staples fitted and fixed complete (b) 32.5 mm to 37.5 mm size	66 nos	%Nos	281.00	185.46
19	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-incharge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS 814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc I) For structural members of specified sections weighing less than 22.5 Kg /m	0.15 M.T	M.T	59119.00	8867.85

(A) Sub total Rs.	9,72,542.37
(B) Add 12% GST on (A)	1,16,705.08
(C)Cost of civil works excluding labour welfare cess (A+B) Rs.	10,89,247.45
(D) Labour welfare cess @1% on (C)Rs.	10,892.47
(E) Cost of civil works including labour welfare cess (D+C) Rs.	11,00,139.93
(F) Add Contingency Charge @ 3% on.(C) Rs.	32,677.42
(G) Grand Total (E+F) Rs.	11,32,817.35
Say Rs.	11,32,817.00

In Words Rupees Eleven Lakhs Thirty Two Thousand Eight Hundred Seventeen only

09.07.19
Assistant Engineer
Burdwan Division
M-E-Dte.
Govt. of W. B.

11/7/19
Executive Engineer
Burdwan Division M.E. Dte.

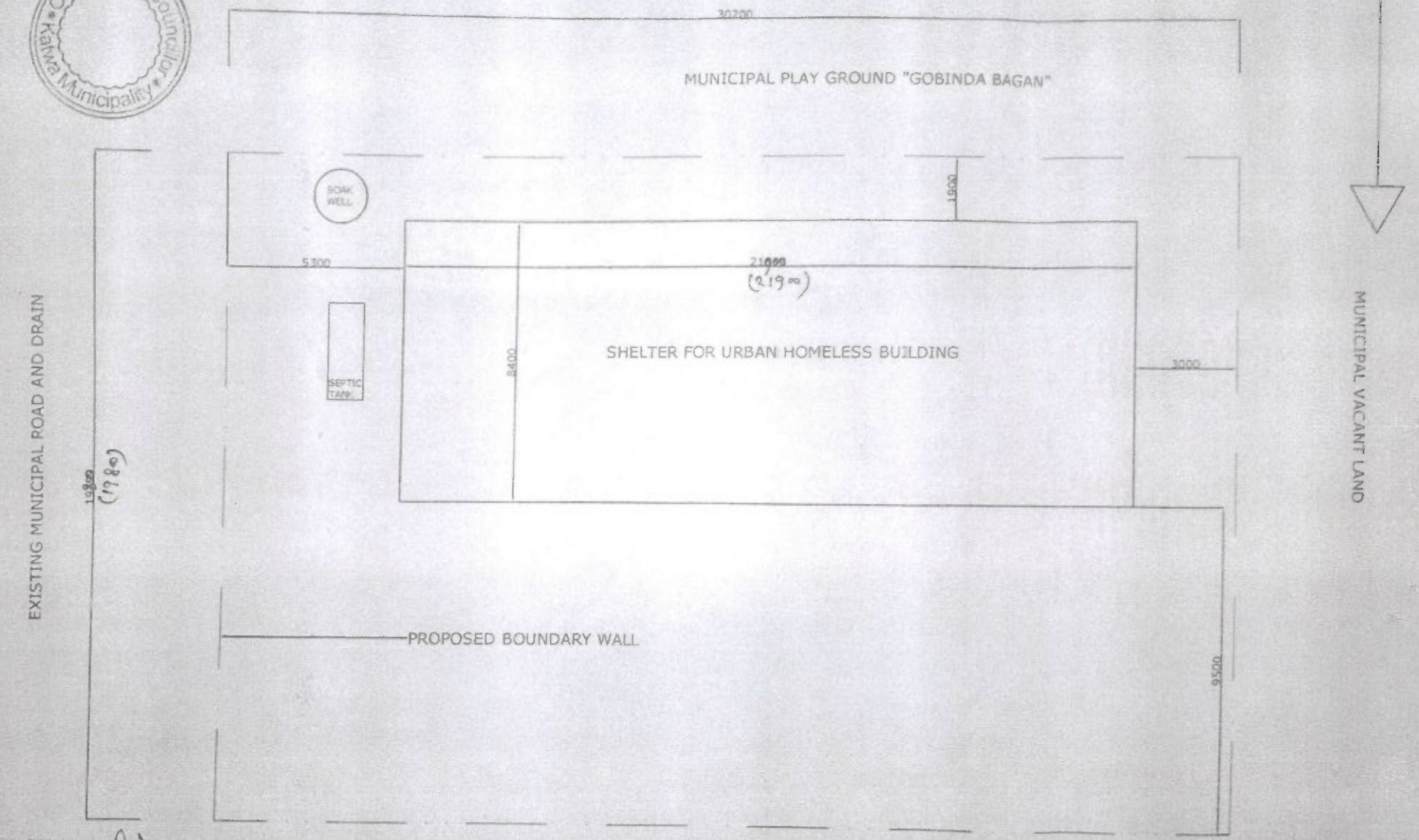
11.7.19
Sub-Assistant Engineer
Kalwa Municipality

Prepared by :-

Chairman
Kalwa Municipality

Plan for Construction of boundary Wall at the Premises of Shelter for Urban homeless under the Scheme "Shelter for Urban Homeless (SUH)" at Ward No. 17, Mouza - Charpataihat, Plot No. 101, Kh. No. 750 & 250, J.L. N. 89 within Katwa Municipality under DAY-NULM grant.

Office of the Councillor Katwa Municipality



ALL DIMENSIONS ARE IN MM

SCALE - 1:150

PREPARED BY :

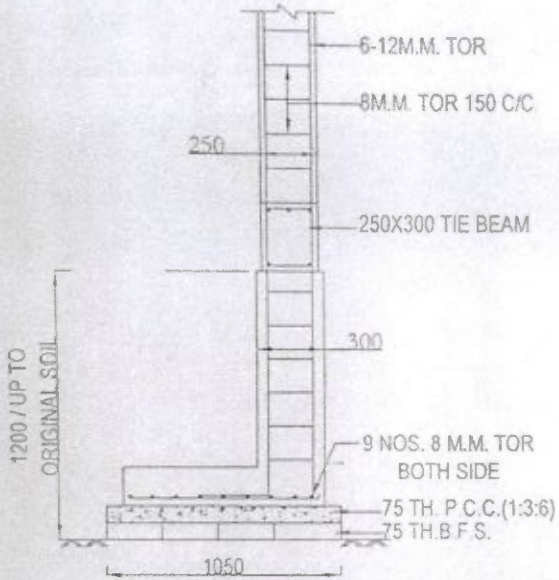
08/07/2019

Sub-Assistant Engineer
Katwa Municipality

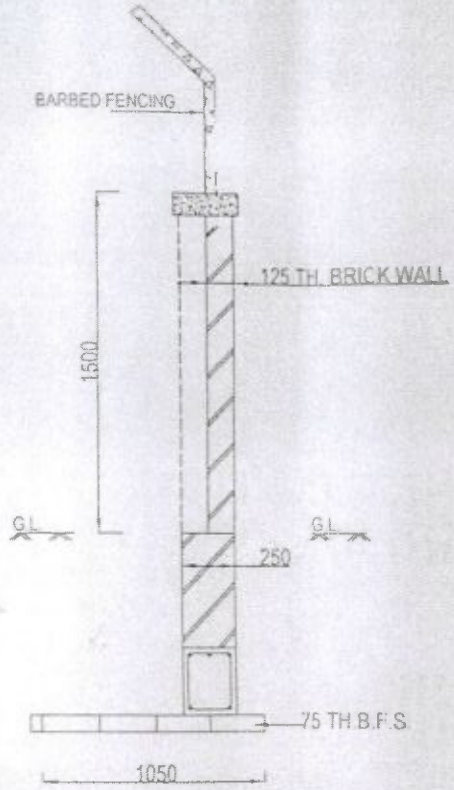
Chairman
KATWA MUNICIPALITY
Katwa Municipality

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Office of the Councillor * Katwa Municipality *

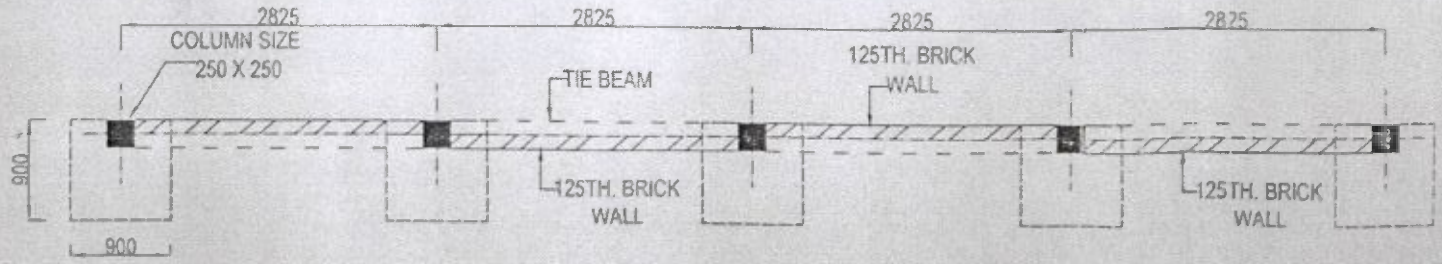


SECTION OF COLUMN FOOTING



DETAILS SECTION OF BOUNDARY WALL

(ALL DIMENTIONS ARE IN M.M.)



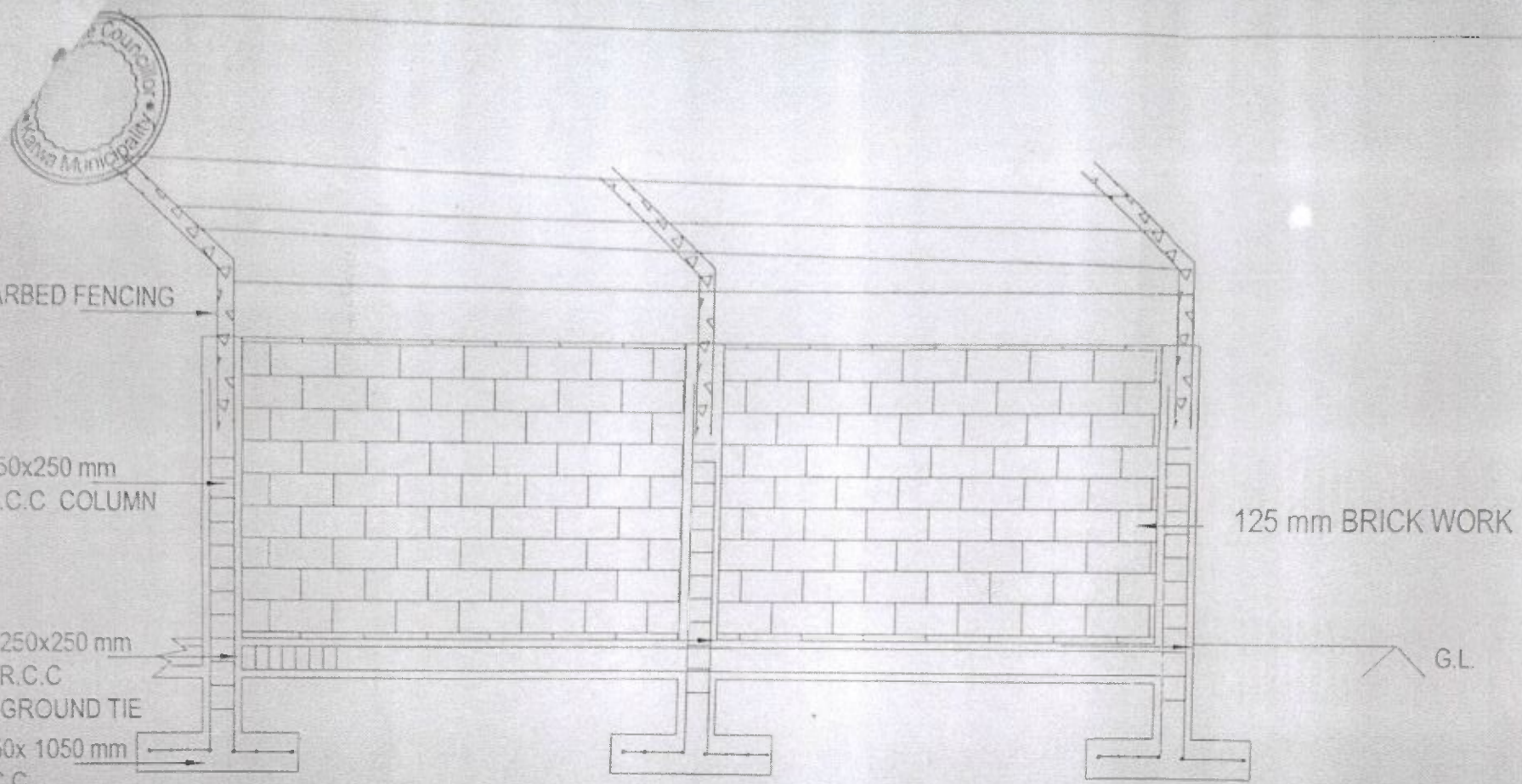
PLAN OF BOUNDARY WALL

Sub-Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality

28-05-2019

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT



PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

Sub-Assistant Engineer
Katwa Municipality

CROSS SECTION OF BOUNDARY WALL (100mtr)

(ALL DIMENTIONS ARE IN M.M.)

Chairman
Katwa Municipality

PRODUCED BY AN AUTODESK EDUCATIONAL PRODUCT

সুডা

NOTE SHEET

SUDA

Construction of 22 (twenty two) SUHs have been completed and of which 14 (fourteen) SUHs have been made functional. During visits to this facilities and based on the feedback received from the operating NGOs, it is absolutely essential to construct a boundary wall enclosing the entire perimeter of the land allocated for the construction of the SUHs. This is essential not just to ensure the safety and security of the inmates but also to enable the SUHs to raise a kitchen garden and / or a work shed for some economic activities. A model estimate for a meter of boundary wall has been prepared by MED along with a cross section of the boundary wall (placed on the cp side) put at Rs.10,522 (Rs. ten thousand five hundred & twenty two only. The following decision points may kindly be accorded.

1. An in-principle approval for construction of boundary wall may be given at all SUHs which are completed / ongoing.
2. Infrastructure of 22 (twenty two) SUHs have been completed and 20 (twenty) SUHs are in progress. Therefore the boundary wall would have to constructed at 42 (forty two) sites.
3. The concerned ULBs may be required to prepare a vetted estimate based on the perimeter of the allotted land and submit the same to SUDA for according administrative approval and financial sanction.
4. The proposal so received and approved may be placed at the Project Sanction Committee for post facto approval.
5. The cost for the boundary wall may be charged out of the NULM fund.

Director, SUDA

Chandlem
24/06/19
AMD

Proposal above may kindly be approved.

Pr. Secretary
UD & HA Dept.

DAF 24/6/19

U.O. No. SUDA...309... EA Director, SUDA

Dated...24.06.19...

File No. SUDA-317/2016

25/6/2019

DFA (PS)

26/06/19

File No. SUDA-317/2016
File Name: Shelter for Urban Homeless under NULM for Rajpur Sonarpur Municipality

Notes prepages

The rate analysis for boundary wall appears to be in order as per PWD SOR 2017 read with the corrigenda issued from time to time.

The proposal at nsp 5 may be approved.

27/6/19
(Prasanta Sengupta)
Dy Financial Advisor
UD & MA Department

27/06/19
(Kishore Sengupta)
Financial Advisor & E.O. S. S
UD & MA Department

Principal Secretary,
U.D. & M.A. Department

Director, SUDA

27/6/2019

AMD

DCP 28/6

S. De. SMM — Drop-please

28/06/19

WEST BENGAL STATE URBAN LIVELIHOOD MISSION

(Under Municipal Affairs Department, Government of West Bengal)

"ইলগাস ভবন", এইচ-সি ব্লক, সেকটর-৩, বিধাননগর, কলকাতা ৭০০ ১০৬, পশ্চিমবঙ্গ।

"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 106, West Bengal.

SUDA-135/2018/3402

Date:-23/04/2019

Memorandum

Release of fund to Katwa Municipality for construction of Shelter for Urban Homeless under DAY-NULM

Fund are shown herein are being released electronically in favour of Katwa Municipality for construction of Shelter for Urban Homeless under DAY-NULM as 2nd instalment.

SL NO.	Name of ULB	Amount (Rs. In Lakh)		Total
		Central Share	State Share	
I.	Katwa Municipality	27.96	18.64	46.60

Finance Officer, SUDA

23.04.2019.

দূরভাষ: ২৩৫৮ ৬৪০৩/৬৪২১/৫৭৬৭, ফ্যাক্স : ২৩৫৮৫৮০০

Tel: 2358-6403/6421/5767, Fax: 2358-5800, E-Mail: wbsulm@gmail.com

The release of funds subject to the following conditions-

1. The fund should be utilized only for the approved components of the Project and within ceiling limits of approved cost.

2. The execution of the Schemes should be strictly as per the Procedure laid down in Govt. Order No. 329/MA/C-10/3S-22/2013 Dated 04.05.2015 (Copy enclosed) for implementation of Shelters under NULM with MED as the Technical Support Agency.

3. Monthly report of Physical and Financial Progress should be sent to SUDA and MED by the 7th of the following month.

4. The amount released herein should be kept in the dedicated Bank Account for NULM since opened by the ULB.

5. A Subsidiary Cash Book should be maintained for keeping accounts (deposits and withdrawals) of funds.

6. Money receipt in Form 42 may be sent immediately after receiving the fund.

7. No fund should be utilized for any purpose other than for which the amount is released.

8. Utilisation certificate on achieving 70% plus expenditure of the amount released herein and earlier vide no. SUDA-23/2014/250 dt. 31.03.15 should be submitted in prescribed proforma duly authenticated by MED for release of subsequent installment.

Finance Officer, SUDA

23.04.2019.

SUDA-135/2018/3402/1(4) Date:-23.04.2019

Copy for information to:

1. The Chairman Katwa Municipality. He/she is requested to verify the respective Bank Account of the ULB in respect of NULM that the amount released in this Memorandum is duly credited. It may kindly be ensured that all money receipts against previous releases by SUDA have been submitted.
2. PS to Pr. Secretary, UD&MA. Dept. Govt. Of West Bengal.
3. Chief Engineer, M.E. Directorate.
4. Director, SUDA.
5. Joint Director, SUDA.

Finance Officer, SUDA
23.04.2019.

সুডা

রাজ্য নগর উন্নয়ন সংস্থা

SUDA

STATE URBAN DEVELOPMENT AGENCY

"ইলগাস ভবন", এইচ-সি ব্লক, সেক্টর-৩, বিধাননগর, কলকাতা-৭০০ ১০৬, পশ্চিমবঙ্গ

"ILGUS BHAVAN", H-C Block, Sector - III, Bidhannagar, Kolkata - 700 106, West Bengal

ক্রমিক নং SUDA-135/2018/ 3377

তারিখ 17.04.2019

From : Director, SUDA

To : The Manager,
State Bank of India,
Salt Lake City, Kolkata - 700 091.

Sub: Electronic Transfer of Fund debiting this office Current Account No. 37715094723

Shelter for Urban Homeless under NULM

Sir,

You are requested to kindly arrange for electronic transfer of funds as per details given below debiting the amounts from this office Current Account No. **37715094723** lying with your branch in respect of **construction cost of SUH under DAY-NULM.**

Sl. No.	Name of Payee	Amount (In Rs.)	Payees' Bank Details
01	DAY NULM KATWA MUNICIPALITY	46,60,000.00	IDBI Bank, Katwa Branch, A/C No. 1930104000042486, IFS Code. IBKL0001930
TOTAL		46,60,000.00	
(Rupees Fourty six lakh sixty thousand only)			

(Md Asif Sardar)
Finance Officer
SUDA

17/04/19

(Petrus Anuranjan Soreng)
Finance Officer
SUDA
17.04.2019.

দূরভাষ : ২৩৫৮ ৬৪০৩ / ৫৭৬৭, ফ্যাক্স : ২৩৫৮ ৫৮০০
Tel : 2358 6403/5767, Fax : 2358 5800, E-mail : wbsudadir@gmail.com
Account Section : 2358 6408

STATE URBAN DEVELOPMENT AGENCY

National Urban Livelihood Mission (NULM)

Group Summary

1-Apr-2018 to 27-Mar-2019

Particulars	Closing Balance	
	Debit	Credit
Capacity Building and Training (CB & T) Under NULM	**62,76,857.00**	**7,42,08,863.00**
Remuneration of CMMs Under CB & T - NULM		*1,67,97,849.00*
Remuneration of C.O. Under CB & T-NULM		*68,70,729.00*
Remuneration of Support Staff Under CB & T-NULM		*38,21,135.00*
Remuneration of T.P.O. Under CB & T-NULM		*10,80,000.00*
Tech. Sup. at Nat, ST & CT Levels Under CB&T-NULM	*62,76,857.00*	
Training & Other CBP for MMUs Under CB&T-NULM		*4,56,39,150.00*
Emp. by Skill Trg. & Placement (EST&P) Under NULM		**11,44,17,530.00**
Assessment & Certification of Training (EST&P-NULM)		*4,27,21,000.00*
Emp. by Skill Trg. & Placement Under EST&P-NULM		*7,16,96,530.00*
Self-Employment Programme (SEP) Under NULM		**1,09,04,877.00**
Self-Emp. Ind. & Grp. Enterprises Under SEP-NULM		*8,51,000.00*
SHG-Bank Linkage Under SEP-NULM		*1,00,03,877.00*
Technology, Mktg. & Other Support Under SEP-NULM		*50,000.00*
Shelter for Urban Homeless (SUH)		**4,97,03,673.00**
Construction of Shelters for Urban Homeless - NULM		*4,40,50,232.00*
Interest on Shelter for Urban Homeless (SUH) - NULM		*8,18,318.00*
Operation & Maintenance of SUH-NULM		*48,35,123.00*
Social Mobilisation & Inst. Dev. (SM&ID) Under NULM		**7,76,55,809.13**
Bldg. Comm. Inst.:SGHs & Fed. Under SM&ID-NULM		*66,58,009.13*
City Livelihood Centres (CLCs) Under SM&ID-NULM		*30,10,258.00*
Fund Support to RO Under SM&ID-NULM		*38,45,240.00*
Printing of Books of A/Cs for ALF,SHG & CLF-SM & ID		*38,28,552.00*
Rev. Fund Support to ALF Under SM&ID-NULM		*38,00,000.00*
Rev. Fund Support to SHGs Under SM&ID-NULM		*18,20,000.00*
Trg. & Other CBP for SHGs & Fed. Under SM&ID-NULM		*4,97,23,750.00*
Universal Financial Inclusion Under SM&ID-NULM		*49,70,000.00*
A & OE Support to ULBs Under NULM		29,94,100.00
Information, Education & Commn (IEC) Under NULM		2,10,99,000.00
Interest on NULM		4,00,63,645.50
Support to Urban Street Vendors (SUSV) Under NULM		1,00,00,000.00
Grand Total	**62,76,857.00**	**40,10,47,497.63**

27.03.19

GOVERNMENT OF WEST BENGAL
OFFICE OF THE CHIEF ENGINEER
Municipal Engineering Directorate

Bikash Bhawan, South Block (1st Floor) Salt Lake, Kolkata – 7000 91.
Phone No: (033)2337-1331/ (033)2358-3347Fax: (033) 2337-5474
E-mail: ce_medte@yahoo.com

No. ME/ 2004/IM-54/2014 Pt-IV ***Dated; the*** 26/02/19

From: The Chief Engineer,
Municipal Engineering Directorate.

To: ***The Director, SUDA & Mission Director, SULM***
ILGUS Bhaban, H.C.Block, Sector-III,
Salt Lake, Kolkata- 700106.

Urban Development Agency State Received 4119 26 FEB 2019 Contents Not Verified

E&DN)

Director madam, matter relates to Day-NULM 27/2/19

Sub: ***Utilization Certificate for Shelter for Urban Homeless under Day-NULM schemes within Katwa Municipality.***

Sir,

Please find enclosed herewith Utilization Certificate of Urban Homeless under Day-NULM Scheme within Katwa Municipality for favour of your kind information and taking further necessary action from your end.

Yours faithfully,

Asit 26/2/19
Chief Engineer, M. E. Dte.

Dy. Mission Director (NULM)

12/3

F:\Abhijit_Backup 03.08.2018\I\Abhijit\Abhijit\NEW\PR & UC\Nabadwip NULM.docx

KATWA MUNICIPALITY
P.O. KATWA, DIST. PURBA BARDHAMAN

Office of the Council of Katwa Municipality
Katwa, Purba Bardhaman

GFR 12 –C
[(See Rule 239)]

UTILIZATION CERTIFICATE
(Where expenditure incurred by Govt. bodies only)

For Construction of 50 beded four storied Shelter for Urban Homeless at Municipal Land adjacent to T.A.C. play ground at Ward no. 17, Katwa within katwa Municipality under DAY-NULM grant **for the F.Y. 2017-18.**

Sl. No.	Letter No. and date	Amounts Rs.	
1.	SUDA-177/2018/1057, Dated – 24/09/2018.	Centrel Share Rs. 27,96,000.00 + State share Rs. 18,64,000.00	Certified that out of **Rs. 46,60,000.00** (Rupees Forty Six Lakhs Sixty Thousand only) of grant sanctioned during the year 2017-18 in favour of Katwa Municipality Letter No. given in the margin and **Rs. 0.00** (Rupees NIL) on account of unspent balance of previous year, a sum of **Rs. 46,60,000.00** (Rupees Forty Six Lakhs Sixty Thousand only) has been utilized for the purpose of Construction of 50 beded four storied Shelter for Urban Homeless at Municipal Land adjacent to T.A.C. play ground at Ward no. 17, Katwa within katwa Municipality under DAY-NULM for which it was sanctioned and that the balance of **Rs. 0.00** (Rupees NIL) remaining unutilized at the end of the year will be adjusted/utilized in next year.
	Total	**Rs. 46,60,000.00**	

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the propose for which it was sanctioned.

Kinds of checks exercised:
Examination of 1. Vouchers, 2. Cash Book, 3. Ledger, 4. Statement of Expenditure & 5. Statement of Fund Position

Accountant
Katwa Municipality

Finance Officer
Katwa Municipality

Executive Officer
Katwa Municipality

05/02/2019.
Executive Engineer
Burdwan Division ME. D
Govt. of W. B.

Sub-Assistant Engineer
Katwa Municipality

WEST BENGAL STATE URBAN LIVELIHOOD MISSION

(Under Municipal Affairs Department, Government of West Bengal)

"ইলগাস ভবন", এইচ-সি ব্লক, সেকটর-৩, বিধাননগর, কলকাতা ৭০০ ১০৬, পশ্চিমবঙ্গ।

"ILGUS BHAVAN", H-C Block, Sector-III, Bidhannagar, Kolkata 700 106, West Bengal.

SUDA-177/2018/ 197

Date: 14/09/2018

Memorandum

Release of fund for construction of Shelter for Urban Homeless under DAY-NULM

Fund are shown herein are being released electronically in favour of Katwa Municipality for construction of Shelter for Urban Homeless under DAY-NULM as 1st instalment.

SL NO.	Name of ULBs	Amount (Rs. In Lakh)		Total
		Central Share	State Share	
I.	Katwa Municipality	27.96	18.64	46.60

Finance Officer, SUDA

14.09.2018.

দূরভাষ: ২৩৫৮ ৬৪০৩/৬৪২১/৫৭৬৭, ফ্যাক্স : ২৩৫৮৫৮০০

Tel: 2358-6403/6421/5767, Fax: 2358-5800, E-Mail: wbsulm@gmail.com

The release of funds subject to the following conditions-

1. The fund should be utilized only for the approved components of the Project and within ceiling limits of approved cost.

2. The execution of the Schemes should be strictly as per the Procedure laid down in Govt. Order No. 329/MA/C-10/3S-22/2013 Dated 04.05.2015 (Copy enclosed) for implementation of Shelters under NULM with MED as the Technical Support Agency.

3. Monthly report of Physical and Financial Progress should be sent to SUDA and MED by the 7th of the following month.

4. The amount released herein should be kept in the dedicated Bank Account for NULM since opened by the ULB.

5. A Subsidiary Cash Book should be maintained for keeping accounts (deposits and withdrawals) of funds.

6. Money receipt in Form 42 may be sent immediately after receiving the fund.

7. No fund should be utilized for any purpose other than for which the amount is released.

8. Utilisation certificate on achieving 70% plus expenditure of the amount released herein and earlier vide no. SUDA-23/2014/250 dt. 31.03.15 should be submitted in prescribed proforma duly authenticated by MED for release of subsequent installment.

Finance Officer, SUDA

24.09.2018.

SUDA-177/2018/1057/1(5) Date:-24.09.2018

Copy for information to:

1. The Chairman Katwa Municipality. He/she is requested to verify the respective Bank Account of the ULB in respect of NULM that the amount released in this Memorandum is duly credited. It may kindly be ensured that all money receipts against previous releases by SUDA have been submitted.
2. Pr. Secretary, UD&MA. Dept. Govt. Of West Bengal.
3. Chief Engineer, M.E. Directorate.
4. Director, SUDA.
5. Deputy Director, SUDA.

Finance Officer, SUDA
24.09.2018

Minutes of the Eleventh Meeting of Project Sanction Committee (PSC) under the scheme of Shelter for Urban Homeless (SUH) under DAY-NULM held on 04.04.2018 at Conference Hall, Nagarayan,Salt Lake, Kolkata- 700064

Member Present :

1) Sri O.S. Meena, IAS.....Chairman
(Secretary, U.D. & M.A. Department, Government of West Bengal)

2) Sri Sutanu Prasad Kar, IAS,.....Member Convenor
Director, SUDA.

3) Sri .....Member
Regional Chief, HUDCO, Kolkata

4) Sri B.N. Kar, Additional Director, ILGUS.....Member

5) Sri Santanu Das, Jt. Secretary, UD & MA Dept.....Member

6) Sri Amit Das, Chief Engineer, MED .....Member

Others Present:

1) Sri Ashis Saha, Deputy Director, SUDA

2) Sri A. Chakraborty, Dy. G.M. (Projects)
HUDCO, Kolkata

3) Sri Dipak Naskar, T.U.O., SUDA

4) Saumya Bandhyapadhay, AE (HQ), MED

5) Sri Soumen De, SMM- S & S I, WBSULM

Sri O.S. Meena (Secretary, U.D & M.A Department, Government of West Bengal) was in the chair

Agenda 1: Confirmation of the minutes of the 10th meeting of the Project Sanction Committee held on 23.12.2017.

The minutes of the Tenth Meeting of the Project Sanction Committee held on 23.12.2017 were read out and confirmed.

Agenda 2: Status of the functional Shelter under the scheme Shelter for Urban Homeless (SUH) under DAY-NULM

Committee reviewed the status of all functional shelters under DAY-NULM. Committee suggested to involve Self Help Group members for the purpose of shelter functionalization. Committee proposed to inform Social Welfare Department for monitoring the functional shelters at the District Level. Committee also suggested to conduct regular health check up camp for the inmates of shelters in monthly basis.

Agenda 3: Status of (Physical & Financial) of the sanctioned shelters under the scheme Shelter for Urban Homeless (SUH) under DAY-NULM

Committee reviewed the progress of sanctioned shelters. Committee suggested to Director, SUDA to issue a D.O. letter to the Commissioner, Chandernagor Municipal Corporation for completion of the construction work.

Agenda 4. Approval of 4 (Four) DPRs of one Shelter unit each in Baranagar, Kiliyaganj, Beldanga & Birnagar Municipality.

The Committee considered the following 3 (Three) DPRs prepared by the ULBs in consultation with ME Directorate and after detailed deliberations approved the same in consideration of the fact that the proposals were in conformity with the Guidelines of the scheme of Shelter for Urban Homeless, a component under DAY-NULM.

Baranagar Municipality

The DPR for setting up of a shelter at 6/1/A, T.N.Chatterjee Street, Baranagar, Kolkata-700060, Ward No.16 (Old-28) under Baranagar Municipality with a capacity of 50 beds an estimated cost of Rs. 174.69 Lakh (excluding DPR preparation cost). Committee recommended revising the Building plan (Four Storied) and complying with Municipal Building rule. Committee also suggested to revise the estimate (within Rs. 120 Lakh

Kaliyaganj Municipality

The DPR for setting up of a shelter at Mouza-Chirail, J.L. No.102, Ward No.1, Thana-Kaliyaganj, District-Uttar Dinajpur under Kaliyaganj Municipality with a capacity of 50 beds was approved at an estimated cost of Rs. 131.80 Lakh (excluding DPR preparation cost).

The Annual O & M cost is Rs. 6.02 Lakh for initial Five Years.

Beldanga Munciaplity

The DPR for setting up of a shelter at R.S. Plot No.2500, KH No.1, Mouza-Barua, J.L. No.60, Ward No.5, P.O. Beldanga, District-Murshidabad under Beldanga Municipality with a capacity of 50 beds was approved at an cost of Rs. 118.46 Lakh (excluding DPR preparation cost).

The Annual O & M cost is Rs. 6.02 Lakh for initial Five Years.

Birnagar Munciaplity:

As the number of homeless person is less than 50 and individual dwelling units were provided to houseless person, Committee recommended to provide the shelter after a fresh survey if number of homeless will increase.

Agenda 5. Selection of Land for the proposed shelters:

It was informed to the Committee about the availability of Lands at different ULBs for the proposed shelters. Committee suggested to prepare the DPRs for the same.

Agenda: 6. Miscellaneous. Approval of 3 (Three) DPRs of one Shelter unit each in Kolkata Municipal Corporation (additional floor), Islampur & Katwa Municipality.

i) Committee suggested to include representatives in the Project Sanction Committee (PSC) from Kolkata Municipal Corporation & Women and Child Development & Social Welfare Department.
ii) Committee suggested not to consider the DPR preparation cost in the total Project Cost in the DPRs. This cost will not be allowed from the next proposals.
iii) Committee suggested to revise the unit cost of model SUH and MED was directed to prepare this revise estimate for this.
iv) Committee also suggested to release the 1 st instalment for construction of SUH to the ULBs after issuing of Work Order, after completion of Tender Process.
v) It was also proposed by the Committee to find possibilities to construct G+4 or G+5 Buildings for maximum utilization of land in Howrah Corporation area.

Table Agenda:

Kolkata Municipal Corporation

The DPR for construction of one additional floor over the existing single storied building as Shelter for Urban Homeless at 13, Raja Manindra Road, Ward No.05, Borough-I under Kolkata Municipal Corporation with a capacity of 26 beds was approved at an cost of Rs. 25.71 Lakh (excluding DPR preparation cost) as per norms of SUH.

The Annual O & M cost is Rs. 4.50 Lakh/year for initial Five Years as per provision for O & M cost

Islampur Munciaplity

The DPR for setting up of a shelter at Mouza-Islampur, J.L. No.90, Khatian No.240, R.S. Plot No.1868, LOP No.162(P) & 163(P) of State Farm G.S. Colony, PS-Islampur, District-Uttar Dinajpur under Islampur Municipality with a capacity of 50 beds was approved at an cost of Rs. 120.48 Lakh (excluding DPR preparation cost).
The Annual O & M cost is Rs. 6.00 Lakh/year for initial Five Years.

Katwa Munciaplity

The DPR for setting up of a shelter beside TAC Play Ground (North Side), Ward No.17, Mouza-Charpataihat, Plot No.101, Khatian No.750 & 250, J.L. No.89 under Katwa Municipality with a capacity of 50 beds was approved at an cost of Rs. 116.49 Lakh (excluding DPR preparation cost).

The Annual O & M cost is Rs. 6.00 Lakh/year for initial Five Years.

The meeting ended with a vote of thanks to and from the Chair.

17.04.2018

(O.S. Meena)
Secretary , UD & MA Department,
Government of West Bengal
& Chairman, Project Sanction Committee of SUH

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

FAX NO - 03453 - 258160
Kat. (03453) 255 -160 Chamber
Kat. (03453) 255-005 Office

From :
Tapas Bhattacharjee
Executive Officer
Katwa Municipality

OFFICE OF THE COUNCILORS • KATWA MUNICIPALITY

Memo No 2917/Engg

Dated, Katwa, the 01/02/2019

To
The Director
State Urban Development Agency &
Mission Director, WBSULM,
ILGUS Bhavan, H-C Block, Sector – III,
Bidhannagar, Kolkata 700106, W.B.

State Urban Development Agency
Received
3764
12 FEB 2019
Contents Not Verified

CPHO

SMM
- SMID

Sub : Submission Utilization Certificate of Construction of 50 beded four storied Shelter for Urban Homeless at Municipal Land adjacent to T.A.C. Play ground at Ward no. 17, Katwa within Katwa Municipality under DAY-NULM grant.

Sir/Madam,

Please find enclosed herewith Utilization Certificate of above cited work.

So, please find the enclosure and take necessary action from your end.

Thanks & regards.

Enclo : As stated.

01/02/19

Executive Officer
Katwa Municipality

Executive Officer
Katwa Municipality

Office of the Councillor Katwa, Purba Bardhaman Katwa Municipality

KATWA MUNICIPALITY
P.O. KATWA, DIST. PURBA BARDHAMAN

GFR 12 –C

[(See Rule 239)]

UTILIZATION CERTIFICATE

(Where expenditure incurred by Govt. bodies only)

For Construction of 50 beded four storied Shelter for Urban Homeless at Municipal Land adjacent to T.A.C. play ground at Ward no. 17, Katwa within katwa Municipality under DAY-NULM grant **for the F.Y. 2017-18.**

Sl. No.	Letter No. and date	Amounts Rs.
1.	SUDA-177/2018/1057, Dated – 24/09/2018.	**Centrel Share Rs. 27,96,000.00 + State share Rs. 18,64,000.00**
	Total	**Rs. 46,60,000.00**

Certified that out of **Rs. 46,60,000.00** (Rupees Forty Six Lakhs Sixty Thousand only) of grant sanctioned during the year 2017-18 in favour of Katwa Municipality Letter No. given in the margin and **Rs. 0.00** (Rupees NIL) on account of unspent balance of previous year, a sum of **Rs. 46,60,000.00** (Rupees Forty Six Lakhs Sixty Thousand only) has been utilized for the purpose of Construction of 50 beded four storied Shelter for Urban Homeless at Municipal Land adjacent to T.A.C. play ground at Ward no. 17, Katwa within katwa Municipality under DAY-NULM for which it was sanctioned and that the balance of **Rs. 0.00** (Rupees NIL) remaining unutilized at the end of the year will be adjusted/utilized in next year.

2. Certified that I have satisfied myself that the conditions on which the grants-in-aid was sanctioned have been duly fulfilled and that I have exercised the following checks to see that the money was actually utilized for the propose for which it was sanctioned.

Kinds of checks exercised:

Examination of 1. Vouchers, 2. Cash Book, 3. Ledger, 4. Statement of Expenditure & 5. Statement of Fund Position

Sub-Assistant Engineer
Katwa Municipality

Accountant
Katwa Municipality

Finance Officer
Katwa Municipality

Executive Officer
Katwa Municipality

KATWA MUNICIPALITY

P.O.- Katwa, Dist.- Purba Bardhaman, Pin - 713130

From :
Rabindra Nath Chatterjee
Chairman
Katwa Municipality

FAX NO - 03453 - 258160
Kat : (03453) 255-160 Chamber
Kat : (03453) 255-005 Office

Memo No ..934/Engg.. Dated, Katwa, the ..18/07/2018..

Office of the Councillor Katwa Municipality Katwa Purba Bardhaman
State Urban Development Agency
Received 5315 20 JUL 2018
Contents not Verified

To
The Director,
State Urban Development Agency,
ILGUS Bhavan, HC Block, Sector-III,
Bidhannagar, Kolkata – 700106.

Sub : Sanctioning excess cost for Construction Shelter for Urban Homeless beside TAC Play Ground, Ward No. 17 within Katwa Municipality.

Ref : Administrative approval vide your office No. SUDA-23/2014/115, Dated – 18/08/2018.

Sir,

With reference to above, I am to state that approved amount for above mentioned work is Rs. 1,03,49,000.00 (Rupees One Crore Three Lakhs Forty Nine Thousand) only including Civil work, Sanitary and Plumbing work and Electrical work. But as per site condition, cost has been revised, mainly due to poor bearing capacity of Sub soil. Vetted amount of estimate including Civil and Sanitary & Plumbing work stands to Rs. 1,22,25,807.00 (Rupees One Crore Twenty Two Lakhs Twenty Five Thousand Eight Hundred Seven) only. Estimate of electrical work for this work is under preparation.

Hence, I am requesting you to please sanction the excess amount Rs. 18,76,807.00 (Rupees Eighteen Lakhs Seventy Six Thousand Eight Hundred Seven) only in favour of Katwa Municipality at earliest in order to completion the project within stipulated time period.

This request is being made for public interest only.

Thanking you.

Yours faithfully

Chairman
Katwa Municipality
Chairman
Katwa Municipality

Enclo : One copy of vetted estimate (attested)
And Soil test Report.

GOVERNMENT OF WEST BENGAL

OFFICE OF THE SUPERINTENDING ENGINEER, WEST CIRCLE

MUNICIPAL ENGINEERING DIRECTORATE
PATAL BAZAR, 3RD FLOOR, TINKONIA
PURBA BARDHAMAN, PIN:-713101
Phone no-(0342) - 2664323. E-mail-sewcmed@gmail.com

No MED / SE (W) / /

Date: -

From: - The Superintending Engineer (West Circle)
Municipal Engineering Directorate
Patal Bazar, 3rd floor, Tinkonia
Purba Bardhaman - 01

To: - The Executive Engineer
Burdwan Division
Municipal Engineering Directorate
Purta Bhavan 5th floor
Sreepally,Purba Bardhaman - 03

Sub: - Vetted of Estimates for the work of Construction of 50 Bed Four Storied Shelter for Urban Homeless at Municipal Land adjacent of TAC Play Ground, Ward No-17 under NULM within Katwa Municipality

Ref: - I) MED / BWN / 297 / 1D-5/2005 Pt-II; Dated. 09.07.2018

Sir

With reference to the above, please find enclosed herewith 2 (Two) sets of estimates for Construction of 50 Bed Four Storied Shelter for Urban Homeless at Municipal Land adjacent of TAC Play Ground, Ward No-17 within Katwa Municipality amounting to total Rs. 1,22,25,807=00 (Rupees One Crore Twenty Two Lakh Twenty Five Thousand Eight Hundred Seven) only, including,12% G.S.T,1% Labour Welfare Cess, 3% Contingency, duly vetted by this end for taking further necessary action from your end.

Thanking you

Enclo : - As stated above

Yours faithfully

Sd/-
Superintending Engineer (West Circle)
Municipal Engineering Directorate

No MED / SE (W) / 2780/M-18194

Date: - 18-7-2018

Copy forwarded for information and necessary action to:-

1. The Chairman, Katwa Municipality

18/7/2018
Superintending Engineer (West Circle)
Municipal Engineering Directorate

Superintending Engineer
Chief Engineer, M. E. Dte., Burdwan

GOVT. OF WEST BENGAL
OFFICE OF THE EXECUTIVE ENGINEER
MUNICIPAL ENGINEERING DIRECTORATE
BURDWAN DIVISION

5TH FLOOR, PURTABHAVAN, SREEPALLY, PURBA BURDWAN
Email id: eemedbwd@gmail.com
Ph. + Fax No- 0342 2645119

Memo No. MED/BWN/ 835 /1D-5/2005 Pt-II **Date**: 19/07/2018

From : The **Executive Engineer**
Burdwan Division
M. E. Directorate
Purtabhavan, 5th Floor, Purba Burdwan

To : The **Chairman**
Katwa Municipality
Katwa, Purba Burdwan

Sub:- Vetting of estimates for the work of "Construction of 50 Bed Four storied Shelter for Urban Homeless at Municipal Land adjacent to TAC play ground, Ward No:-17 within Katwa Municipality"

Ref.:- (i) 767/(Engg), Date:-29.06.2018 of Katwa Municipality
(ii) MED/SE(W)/278(1)/m-18194 Date:-18.07.2018

Sir,

In continuation to the above cited subject and reference to the aforesaid memo, enclosed please find herewith the vetted estimates for "Construction of 50 Bed Four storied Shelter for Urban Homeless at Municipal Land adjacent to TAC play ground, Ward No:-17 within Katwa Municipality" amounting to total Rs.1,22,25,807.00 (Rupees One crore Twenty Two Lakhs Twenty Five Thousand Eight hundred and seven only) only including 3% contingency and 12% G.S.T duly vetted by this end for your kind perusal.

Thanking You,

Enclo: -2copies of vetted estimates

Yours faithfully,
19/7/2018
Executive Engineer
Burdwan Division
M. E. Directorate
Executive Engineer
Burdwan Division
M. E. Dte.
Govt. of West Bengal

Memo No. MED/BWN/ /1D-5/2005 Pt-II **Date**: 19/07/2018

Copy forwarded for information to:
01.) The **Superintending Engineer**, M.E Dte, West Circle, Purba Burdwan.

Executive Engineer
Burdwan Division
M. E. Directorate

Estimate for Construction of 50 Beded Four Storied Shelter for Urban Homeless at Municipal Land adjacent to TAC Playground, Ward No. 17 Within Katwa Municipality Under NULM.

(Based on PWD (WB)with effect from 01.11.2017 &,Corrigenda & Addenda SoR 2015) o/c

Sl. No.	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
1 P-1,I-2	Earth work in excavation of foundation trenches or drains, in all sorts of soil (including mixed soil but excluding laterite or sandstone) including removing, spreading or stacking the spoils within a lead of 75 m. as directed. The item includes necessary trimming the sides of trenches, levelling, dressing and ramming the bottom, bailing out water as required complete.				
	(a) Depth of excavation not exceeding 1,500 mm.	378	%Cum	11,927.00	45,084.06
2 P-1,I-3	Earth work in filling in foundation trenches or plinth with good earth, in layers not exceeding 150 mm. including watering and ramming etc. layer by layer complete. (Payment to be made on the basis of measurement of finished quantity of work)				
	(a) With earth obtained from excavation of foundation.	140	%Cum	7,754.00	10,855.60
3 P-2,I-4	(A) Filling in foundation or plinth by silver 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)	148	%Cum	52,107.00	77,118.36
4 P-47,I-3	Supplying and laying Polythene Sheet (150gm / sq.m.) over damp proof course or below flooring or roof terracing or in foundation or in foundation trenches.	577	Sqm	24.00	13,848.00
	single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand	225	Sqm	~~323.00~~ 324.00	~~72,675.00~~ 72900.00
5 P-34, I-22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor				
	(A) [Pakur Variety]				
	(a) 1:3:6 proportion	16	Cu.M	~~4,757.00~~ 4830.00	~~76,112.00~~ 77280.00
6 P-42, I-36	Hire and labour charges for shuttering with centreing 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, columns, lintels curved or straight including fitting, fixing and striking out after completion of works. (upto roof of ground floor).				
	(a) 25 mm. to 30 mm. thick wooden shuttering as per decision & direction of Engineer-in-charge. In Ground Floor	800	Sqm	328.00	262,400.00
	(b) -do- in 1st floor	469	Sqm	346.00	162,274.00
	(c) -do- in 2nd floor	469	Sqm	364.00	170,716.00
	(d) -do- in 3rd floor	469	Sqm	382.00	179,158.00
	(e) -do- in 4th floor	72	Sqm	400.00	28,800.00

Katwa Municipality

Office of the Councillor Katwa, Purba Bardhaman

ATTESTED

Chairman
Katwa Municipality

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
7 P-26, I-10(i) & P-35, I-23(i)	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips(20 mm.nominal size) excluding shuttering and reinforcement, if any. Pakur / Chandil Variety				
	a) in ground floor.	176	Cum	5,740.16 5807.16	1,011,909.85 1022060.16
	(b) -do- in 1st floor	60	Cum	5,835.16 5902.16	350,109.60 354129.60
	(c) -do- in 2nd floor	60	Cum	5,930.16 5997.16	355,809.60 359829.60
	(d) -do- in 3rd floor	60	Cum	6,025.16 6092.16	361,509.60 365529.60
	(e) -do- in 4th floor	8	Cum	6,120.16 6187.16	48,961.28 49497.28
8 P-43, I-40	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups,binders etc. including supply of rods, 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 inter-section, complete as per drawing and direction.				
	(a) For works in foundation, basement and upto roof of ground floor / upto 4m.				
	(i) Tor steel : SAIL / TATA / RINL / VISAKHAPATNAM / RAMPUR / BHILAI / Equivalent	27.68	MT	67,006.15 68053.00	1,854,522.65 1883707.04
	(b) -do- in 1st floor	7.07	MT	67,436.15 68096.00	476,436.40 481433.72
	(c) -do- in 2nd floor	7.07	MT	67,866.15 68139.00	479,474.35 481742.73
	(d) -do- in 3rd floor	7.07	MT	68,296.15 68182.00	482,512.30 482046.74
	(e) -do- in 4th floor	0.94	MT	68,726.15 68225.00	64,740.03 64131.50
9 P-15, I-8 & P-16, I-14(a)	Brick work with 1st class bricks in cement mortar (1:6)			5035.00	
	(b) In superstructure, ground floor	46	Cu.M.	4,998.00 4812.00	229,908.00 231610.00
	(c) In 1st floor	46	Cu.M.	5,109.00 5146.00	235,014.00 236716.00
	(d) In 2nd floor	46	Cu.M.	5,220.00 5259.00	240,120.00 241822.00
	(e) In 3rd floor	46	Cu.M.	5,331.00 5368.00	245,226.00 246928.00
	(f) In 4th floor	10	Cu.M.	5,442.00 5479.00	54,420.00 54790.00

ATTESTED

Chairman
Katwa Municipality

Katwa Municipality

2665419.99/-

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
	125 mm. thick brick work with 1st class bricks in cement mortar (1:4)				
10 P-16, I-16 & P-18, I-24(b)	(a) In ground floor.	105	Sq.M.	660.00	69,300.00
	(b) In 1st floor	105	Sq.M.	672.00	70,560.00
	(c) In 2nd floor	105	Sq.M.	684.00	71,820.00
	(d) In 3rd floor	192	Sq.M.	696.00	133,632.00
11 P-48, I-6(i)	Artificial stone in floor, dado, staircase etc with cement concrete (1:2:4) with stone chips, laid in panels as directed with topping made with ordinary or white cement (as necessary) and marble dust in proportion (1:2) including smooth finishing and rounding off corners including raking out joints or roughening of concrete surface and application of cement slurry before flooring works using cement @ 1.75 kg/sq.m all complete including all materials and labour.20mm thick				
	3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement. 20 mm. thick				
	(Add extra @1.5% for each addl. floor upto 4th floor and @1.75% for each additional floor above 4th floor for item No.5 and 6 of subhead A).				
	(i) In Ground floor	176	Sq. M	232.00	40,832.00
	(ii) In 1st floor	176	Sq. M	235.48	41,444.48
	(iii) In 2nd floor	176	Sq. M	239.01	42,066.15
	(iii) In 3rd floor	176	Sq. M	242.60	42,697.14
12 P-104, I-13	(a) M.S.or W.I. Ornamental grill of approved design joints continuously welded with M.S, W.I. Flats and bars of windows, railing etc. fitted and fixed with necessary screws and lugs in ground floor.				
	(Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor)				
	(i) Grill weighing above 10 Kg./sq.mtr and up to 16 Kg./sq. mtr.				
	(i) Gr. Floor	5.5	Qntl	7,238.00	39,809.00
	(ii) 1st Floor	5.5	Qntl	7,310.38	40,207.09
	(iii) 2nd Floor	5.5	Qntl	7,383.48	40,609.16
	(iv) 3rd Floor	5.5	Qntl	7,457.32	41,015.25

Office of the Councillor Katwa, Purba Bardhaman Katwa Municipality

ATTESTED
Chairman
Katwa Municipality

Katwa Municipality

8392337.07

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
	Collapsible gate with 40mm x 40mm x 6mm Tee as top and bottom guide rail, 20mm x 10mm x 2mm vertical channels 100mm apart in fully stretched position 20mm x 5mm M.S. flats as collapsible bracings properly rivetted and washered including 38mm steel rollers including locking arrangements, fitted and fixed in position with lugs set in cement concrete and including cutting necessary holes, chasing etc. in walls, floors etc. and making good damages complete.				
13 P-106, I-18	(Add extra @ 1% for each addl. floor upto 4th floor and @ 1.25% for each addl. floor above 4th floor)				
	(a) In ground floor.	6.5	Sq.m.	3,402.00	22,113.00
	(b) In 1st floor	6.5	Sq.m.	3,436.02	22,334.13
	(c) In 2nd floor	6.5	Sq.m.	3,470.38	22,557.47
	(d) In 3rd floor	6.5	Sq.m.	3,505.08	22,783.05
	(e) In 4th floor	3.5	Sq.m.	3,540.13	12,390.47
	Supplying, fitting and fixing windows and ventilators with or without integrated grills conforming to IS 1038-1975 and manufactured from rolled steel sections conforming to IS 7452-1974 with non-friction projecting type, box type hinges, glazing clips, lugs locking bracket, handle plate etc, including hoisting in position, straightening if required, fixing lugs in cement concrete (1:2:4) with stone chips 20 mm down cutting holes and mending good damages to match with existing surface complete in all respect excluding glazing.				
	Flash butt welded windows and ventilators				
	(No shop priming will be allowed to facilitate inspection of workmanship)				
	Without integrated grills.				
	(b) Openable steel windows as per IS sizes with side hung shutters and horizotal glazing bars with/without fixed type ventilators.[The extra rate admissible for the openable portion only]				

ATTESTED

Chairman
Katwa Municipality

Office of the Council
Katwa, Purba Bardhaman
Katwa Municipality

Katwa Municipality

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
7, I-20	(a) In ground floor.	20	Sq,. M.	1,663.00	33,260.00
	(b) In 1st floor	20	Sq,. M.	1,682.96	33,659.12
	(c) In 2nd floor	20	Sq,. M.	1,703.15	34,063.03
	(d) In 3rd floor	20	Sq,. M.	1,723.59	34,471.79
	(c)(iv) Two point nose steel handle including fitting and fixing	160	Each	34.00	5,440.00
	(vi) Steel peg stay 300 mm long including fitting and fixing	160	Each	25.00	4,000.00
	(viii) MS integrated grill as per approved design integrated with steel window or ventilator, joints continuously welded with M.S. flat and brass				
	(a) In ground floor.	310	kg.	67.00	20,770.00
	(b) In 1st floor	310	kg.	67.80	21,019.24
	(c) In 2nd floor	310	kg.	68.62	21,271.47
	(d) In 3rd floor	310	kg.	69.44	21,526.73
15 P-114, I-1(d)	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals).				
	(d) Sal . Local.	0.950	Cu.M	72,954.00	69,306.30
16 P-140, I-4	Supplying, fitting and fixing M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. by cement concrete(1:2:4) as per direction. (Cost of concrete will be paid separately)				
	(c) 40mm X 6mm, 125mm Length	120	Each	20.00	2,400.00
17 P-140, I-5	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.				
	(v) 75mm. X 60mm. X 3.15mm.	120	Each	47.00	5,640.00
18 P-141, I-8	Iron socket bolt of approved quality fitted and fixed complete.				
	(c) 150mm long x 10mm dia bolt.	44	Each	63.00	2,772.00
19 P-141, I-10	i) Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting.				
	(c) 300mm long.	40	Each	166.00	6,640.00

ATTESTED

Chairman
Katwa Municipality

Executive Engineer
Katwa Municipality

Office of the Councillor
Katwa Purba
Bardhaman

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
45, I-30	Anodised aluminium D-Type handle of approved quality manufactured from extruded erection conforming to I.S. specification (I.S. 230/72) filled and fixed a) With continuous plate base (Hexagonal/Rounded) ii) 100 mm grip x 10 mm dia rod	40	Each	69.00	2,760.00
21 P-124, I-11	Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor.				
	(b) 32 mm thick shutters (single leaf)				
	(a) In ground floor	9.5	Sq,. M.	2,359.00	22,410.50
	(b) In 1st floor	9.5	Sq,. M.	2,374.00	22,553.00
	(c) In 2nd floor	9.5	Sq,. M.	2,389.00	22,695.50
	(d) In 3rd floor	9.5	Sq,. M.	2,404.00	22,838.00
22 P-115, I-3	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolitaheic composite structure as per approved technology of Department of Science and Technology (DST) to safisfy IS: 4020 door testing performance criteria.				
	(i) 66mm X 90mm	132	Mtr.	497.00	65,604.00
23 P-125, I-15	Supplying, Fitting & Fixing 30 mm thick Factory made solid Panel PVC Door Shutter consisting of outer frame made out of M.S tubes of 19 gauge thickness and size 19 mmx19 mm for styles, top and bottom rails, M.S frame shall have cost of steel primers of approved make and manufacture, M.S. frame covered with 5 mm th. heat moulded PVC "C" channel of size 30 mm th, 70 mm width out of which 50 mm shall be flat and 20 mm shall be tapered in 45 degree angle on either sides forming styles; and 5 mm th. 95 mm wide PVC sheet out of which 75 mm shall be flat and 20 mm tapered in 45 degree on the inner side to form top & bottom rail and 115 mm wide PVC sheet out of which 75mm shall be flat and 20 mm shall be tapered on both sides to form lock rail. Top, bottom and lock rails shall be provided either side of the panel with 10 mm (5 mmx2) th.,20 mm wide cross PVC sheet as gap insert for top rail and bottom rail. Paneling of 5 mm th. both side PVC sheet to be fitted in the M.S. frame welded/sealed to the styles &rails with 7 mm (5 mm+2 mm) th.x15 mm wide PVC sheet beading on inner side and joined together with solvent cement adhesive. An additional 5 mm th. PVC strip of 20 mm which is to be stuck on the interior side of the "C" channel using PVC solvent adhesive etc. complete excluding all necessary hardwares as per direction of Engineer-in-Charge.				
	(a) In ground floor.	11.5	Sq.m	1,943.00	22,344.50
	(b) In 1st floor	11.5	Sq.m	1,958.00	22,517.00
	(c) In 2nd floor	11.5	Sq.m	1,973.00	22,689.50
	(d) In 3rd floor	11.5	Sq.m	1,988.00	22,862.00

Katwa Municipality

Office of the Councillor Katwa, Purba Bardhaman

ATTESTED

Chairman
Katwa Municipality

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
24 P-189, I-1	Plaster (to wall, floor, ceiling etc.) with sand and cement mortar including rounding off or chamfering corners as directed and raking out joints including throating, nosing and drip course, scaffolding/staging where necessary .[Excluding cost of chipping over concrete surface] A) In Ground floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	152.00	70,680.00
	(c) 15 mm thick plaster	212	Sq.M	134.00	28,408.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	122.00	22,570.00
	B) In 1st floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	156.00	72,540.00
	(c) 15 mm thick plaster	170	Sq.M	138.00	23,460.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	126.00	23,310.00
	C) In 2nd floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	160.00	74,400.00
	(c) 15 mm thick plaster	170	Sq.M	142.00	24,140.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	130.00	24,050.00
	C) In 3rd floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	465	Sq.M	164.00	76,260.00
	(c) 15 mm thick plaster	170	Sq.M	146.00	24,820.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	185	Sq.M	134.00	24,790.00
	C) In 4th floor				
	(i) With 1:6 cement mortar				
	(b) 20 mm thick plaster	50	Sq.M	168.00	8,400.00
	(c) 15 mm thick plaster	140	Sq.M	150.00	21,000.00
	(ii) With 1:4 cement mortar				
	(c) 10 mm thick plaster	25	Sq.M	138.00	3,450.00

Katwa Municipality

ATTESTED

Chairman
Katwa Municipality

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
2, I-15	Neat cement punning about 1.5 mm. thick in wall, dado, window, sills, floor, drain etc. NOTE : Cement 0.152 cu.m. per 100 sq.m.	345	Sq.M	34.00	11,730.00
26 P-194, I-1	White washing including cleaning and smoothening surface thoroughly.				
	(c) Three coats (on new works only).	2575	%Sq.M	2,001.00	51,525.75
27 P-194, I-4	Colour washing with any shade with Stainers, as required including cleaning and smoothening surface thoroughly :				
	(i) Internal surface (All floors)				
	(b) Two coats (on new works only).				
	(i) Other than yellow, pink.	2575	%Sq.M	2,046.00	52,684.50
28 P-197, I-15 & P-198, I-5	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. (iii) Two coats.				
	(a) In ground floor.	200	Sq.M	49.00	9,800.00
	(b) In 1st floor	162	Sq.M	49.71	8,053.02
	(c) In 2nd floor	162	Sq.M	50.42	8,168.04
	(d) In 3rd floor	162	Sq.M	51.13	8,283.06
	(e) In 4th floor	145	Sq.M	51.84	7,516.80
29 P-200, I-1(b)	(A) Priming one coat on timberl surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	165	Sq.M	38.00	6,270.00
29 P-200, I-1(a)	(B) Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	325	Sq.M	29.00	9,425.00
30 P-200, I-2	(A) Painting with best quality synthetic enamel paint of approved make and brand including smoothening surface by sand papering etc. including using of approved putty etc. on the surface, if necessary				
	(a) On timber or plastered surface				
	With super gloss (hi-gloss) -				
	(iv) Two coats (with any shade except white)	165	Sq.M	81.00	13,365.00
	On Steel /metal surface				
	With other than hi-gloss of approved quality-				
	(iv) Two coats (with any shade except white)	325	Sq.M	79.00	25,675.00
31 P-205, I-1	Supplying best Indian sheet glass panes set in putty and fitted and fixed with nails and putty complete. (In all floors for internal wall & upto 6 m height for external wall)				
	(ii) 4 mm thick	85	Sq.M	536.00	45,560.00

Office of the Councillor Katwa Purba Ward No. Chairman Katwa Municipality

ATTESTED

Chairman
Katwa Municipality

Katwa Municipality

	Description of Items	Unit	Quantity	Rate (Rs.)	Amount (Rs.)
	Supplying fitting and fixing G I pipes of TATA make with all necessary accessories specials viz socket bend tee union cross elbo nipple, longscrew reducing socket reducing tee shoulder piece etc fitted with holder bats clamps including cutting pipes making threads fitting fixing etc. will be made seperately **[P.W.D schedule page No. 02 & item No.1(a)A (c)(ii)(f)(ii), B(b)].**				
	(A) For **Exposed Work**				
	(ii) 15 mm dia medium quality	m	50.000	192.00	9600.00
	(iii) 20 mm dia medium quality	m	25.000	226.00	5650.00
	(iv) 40 mm dia medium quality	m	15.000	415.00	6225.00
33	Supplying fitting & fixing Cast iron soil pipe only conforming to I S 3989 / 2009 and I S 1729/2002 with bobbins, nails etc. including making holes in the wall floor etc and cutting trenches etc in any floor through masonry concrete if necessary and mending good damages with necessary jointing materials and painting two coats to the exposed surface with approved paint complete (Measurement will be made along the center line of the total pipe line in fitted condition including specials.payment for specials & Painting will be paid seperately) **[P.W.D schedule page No. 60& item No.1(a)(ii)].**				
	(a) With valamoid joints including sealing with sand cement morter (4 1) upto quarter depth				
	(i) 100 mm dia (internal) 7	m	20.000	688.00	13760.00
34	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I S I marking with fittings (tested to 21 kg per sq cm) **[P.W.D schedule page No. 4 & item No.4(vii)(iv)].**				
	(iv) 25 mm dia	Nos	24.000	912.00	21888.00
	(v) 50 mm dia	Nos	24.000	2362.00	56688.00
35	Supplying fitting and fixing bib cock or stop cock				
	(c)(i) Chromium plated Bib Cock with wall flange (Equivalent to Code No 5047 & Model - Florentine of Jaquar or similar brand)	Nos	24.000	861.00	20664.00
	(d)(i) Chromium plated angular Stop Cock with wall flange (Equivalent to Code No 5053 & Model - Florentine of Jaquar or similar brand)	Nos	24.000	815.00	19560.00
	(d)(ii) Chromium plated concealed Stop Cock heavy duty (Equivalent to Code No 5083 & Model - Florentine of Jaquar or similar brand)	Nos	24.000	953.00	22872.00

Katwa Municipality

Office of the Councillor Katwa, Purba Bardhaman Katwa Municipality

ATTESTED

Chairman
Katwa Municipality

	fitting and fixing white vitreous china best approved make wash basin with C I brackets on mm X 75 mm wooden blocks C.P waste fittings of mm dia one approved quality brass C P pillar cock of 15 mm dia C P chain with rubber plug of 30 mm dia approved quality P V C waste pipe with C P nut 32 mm dia 900 mm long approved quality P V.C connection pipe with heavy brass C.P nut including mending good all damages and painting the brackets with two coats of approved paint (ii) 550 mm X 400 mm size	Each	16 000	2208 00	35328 00
37	Supplying fitting and fixing pedestal of approved make for wash basin (white) N B For using coloured Basin, Sink Pedestal etc **[P W D schedule page No. 41, item No.3]**.	Nos	16 000	1497 00	23952 00
38	Supplying fitting & fixing H C I bend with door conforming to I S S including jointing complete and painting two coats to the exposed surface with approved paint complete (Payment of Painting will be paid seperately) With valamoid joints including sealing the top with cement mortar (4 **[P.W.D schedule page No. 61 & item No.4(a)(ii)]**. (ii) 100 mm dia	Nos	20 000	543 00	10860.00
39	Supplying, fitting & fixing Cast iron single branch equal with door conforming to I S 1729/1970 including joining and painting two coats to the exposed surface with approved paint complete (Payment of Painting will however be paid (ii) 100 mm dia	Nos	20 000	794 00	15880 00
40	Supplying fitting & fixing Cast iron double branch equal with door conforming to I S 1729/1970 including jointing and painting two coats to the exposed surface with approved paint complete (Payment of Painting will be paid seperately) With valamoid joints including sealing the top with cement mortar (4 1) **[P.W.D schedule page No. 61 & item No.3(a)(ii)]**. (ii) 100 mm dia	Nos	20 000	916 00	18320 00
41	Supplying, fitting and fixing E.W.C in white glazed vitreous chinaware of approved make complete in position with necessary bolts, nuts etc (a) With 'P' trap	Nos	4 000	1421 00	5684.00
42	Supplying fitting and fixing Closet seat of approved make with lid and C P hinges, rubber buffer and brass screws complete **[P.W.D schedule page No. 81 & item No.10]**. (a) P V C (ii) Plastic (hallow type) white	Nos	4 000	380 00	1520 00
43	Supplying fitting and fixing 10 litre P V C low-down cistern conforming to I S specification with P V C fittings complete C I brackets including two coats of painting to bracket etc	Each	8 000	1015 00	8120.00
44	Supplying fitting and fixing shower of approved brand and make (b) Chromium plated Rose shower with revolving joint and 150 mm long shower arm (Equivalent to Code No 5485 & Model Florentine of Jaquar or similar brand)	Each	8 000	1412 00	11296.00

ATTESTED

Municipality

Chairman
Municipality

	...ower (Health Faucet) with 1mtr Fexible Tube ...l Hook(Equivalent to Code No 573 & Model - ...D of Jaquar or similar)	Nos	8.000	1251.00	10008.00
	Cast iron fittings for soil pipe line conforming to I S 7231/1970 including jointing and fitting and fixing in position and painting two coats to the exposed surface complete including cost of all materials & labour (Payment of paiting will be paid seperatly) (c) Double 'Y' junction of 150 mm dia X ... mm dia X 100 mm dia with door (i) With valamoid joints including sealing the top with cement mortar (4 1) **[P.W.D schedule page No. 68 & item No.c(i)].**	Nos	16.000	1375.00	22000.00
46	Supplying, fitting and fixing glass shelf with aluminium guard rails Ordinary type with 5 5 mm sheet glass **[P.W.D schedule page No. 81 & item No.16(ii)].** (a) 600 mm X 125 mm	Nos	16.000	480.00	7680.00
47	Supplying, fitting and fixing best quality Indian make mirror 5 5 mm thick with silvering as per I S I specifications supported on fibre glass frame of any colour frame size 550 mm X 400 mm **[P.W.D schedule page No. 77 & item No.19].**	Nos	16.000	613.00	9808.00
48	Supplying, fitting and fixing liquid soap container **[P.W.D schedule page No. 77 & item No.17(a)].** (a) Cromium plated	Nos	24.000	393.00	9432.00
49	Supplying, fitting and fixing soap holder.**[P.W.D schedule page No. 82 & item No.18].** (a) P I M I (Prayag or equivalent)	Nos	24.000	135.00	3240.00
50	Supplying, fitting and fixing porcelain toilet paper holder of approved make with wooden spindle as necessary (a) Roll type size 250 mm X 125 mm	Each	24.000	293.00	7032.00
51	Supplying, fitting and fixing Tooth brush and Tumbler holder of approved make of size 140 mm X 65 mm (porcelain)	Each	24.000	361.00	8664.00
52	Supplying, fitting and fixing towel rail with two brackets **[P.W.D schedule page No. 82 & item No.22(a)(iii)].** (a) C.P. over brass (iii) 25 mm dia and 750 mm long	Nos	24.000	475.00	11400.00
53	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1 4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1 3 6) with stone chips over after work complete in all respect with all costs of labour and materials **[P.W.D schedule page No. 87 & item No.1(i)].**				

...atwa Municipality

Office of the Councillor Katwa, Purba Bardhaman Katwa Municipality

ATTESTED

Chairman
Katwa Municipality

	...ar variety	Nos	3 000	6695 00	20085 00
	...struction of septic tank of different capacities as per approved drawing with 1st class brick work in cement mortar ... including two 560 mm dia R C C manhole cover(heavy type) of approved make supplied fitted and fixed in the ...mm thick R C C (1 1 5 3) top slab @ 0.5% by weight of cement with all costs of labour and materials. **[P.W.D schedule page No. 88 & item No.3(iv)(A)].**				
	(v) For 50 users (With Pakur variety) (JSW JSPL SHYAM SRMB/BAM.SAL/Electrosteel)	Nos	1 000	86043.00	86043.00
55	Construction of circular soak well 2.5 metre deep in all types of sandy soils with dry brick work upto 1 6 metre from the bottom having 150 mm intermediate cement brick work (1 4) ...rick work and 250 mm thick cement ...work (1 6) and 1 00m inside dia **[P.W.D schedule page No. 89 & item No.4].**				
	JSW/JSPL/SHYAM/SRMB/BMASL/ELECTROSTEEL/SS	Nos	1 000	15355 00	15355.00
56	Supplying, fitting and fixing in position R.C C manhole/ pit cover with rim(heavy type)			276.00	2760.00
	(i) 450 mm dia	Each	10 000	~~1972.00~~	~~19720.00~~
57	Supplying, fitting & fixing approved patent vent cowl I.C I conforming to I S S and painting two coats to the exposed surface with approved paint complete (Payment of Painting will be paid seperately) **[P.W.D schedule page No. 60 & item No.9(i)].**				
	(a) 100 mm dia	Nos	16 000	367 00	5872 00
58	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS 13592-1992 with all necessary clamps nails, including making holes in walls, floor etc cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete				
	A) UPVC Pipes.				
	(ii) 110 mm Dia	m	100.000	251.00	25100.00
	B) UPVC Fittings				
	a) Plain Tee				
	(ii) 110 mm Dia	Nos	24 000	172 00	4128.00
	c) Bend 87 5 degree				
	(ii) 110 mm Dia	Nos	24.000	140.00	3360.00
	d) Shoe				
	(ii) 110 mm Dia	Nos	24 000	111 00	2664.00

Katwa Municipality

Katwa, Purba Bardhaman

ATTESTED

Chairman
Katwa Municipality

	Description of item	Quantity	Unit	Rate/unit Rs.	Amount Rs.
32 P-212, I-21	Supplying, fitting & fixing UPVC pipes A- Type and fittings conforming to IS:13592-1992 with all necessary clamps nails, including making holes in walls, floor etc. cutting trenches in any soil through masonry concrete structures etc if necessary and mending good damages including joining with jointing materails (Spun Yarn, Valamoid/Bitumen/M-Seal etc) complete.				
	A) UPVC Pipes:				
	(i)110 mm. Dia.	101	Metre	251.00	25,351.00
	B) UPVC fitting : 110 mm dia				
	(i) Plain Tee	6	Each	172.00	1,032.00
	(ii) Bend 87.5 degree	6	Each	140.00	840.00
	(iii) Shoe	6	Each	111.00	666.00
33 P-313 I- 17.01	Mobilisation Charges of all tools & Plants along with accessories, material labour, supervision etc. at site of work required in connection with boring and testing work, including setting up boring rigs and shifting to different Bore-hole points etc. and also including withdrawal of same from the site after completion of work, complete as per direction of Engineer-in-Charge. a) Preliminary Investigation.	1	Item	8000.00	8,000.00
34 P-313 I- 17.02	Carriage of all Disturbed & Undisturbed Samples from site of work to the Divisional office or elsewhere including loading and unloading as per direction of Engineer-in-Charge. Detailed Investigation.	2	Item	1600.00	3,200.00
35 P-313 I- 17.03	Labour for boring by sinking and finally withdrawing 50mm to 100mm dia. (internal) pipe by a standard method to any depth below ground level / bed level in all types of soil like clay, silt, sand, stiff clay, mixed soils etc. except rocks, including collection of disturbed soil samples and including preparation and submission of bore-log as per standard proforma and also including hire charges of tool and plants complete as per direction of Engineer-in-Charge. Depth 0m to 30 m	45	Mtr	150.00	6,750.00
	1. Cost for Building Works 10496056.83				9,757,571.91
	2. Add Cost for Sanitary Works @ 10%				975,757.19
	3. Add Cost for Electrification Works @ 10%				975,757.19
	4. Sub Total Cost				11,709,086.29
	5. GST Include @ 12% 1259526.82				1,405,090.35
	6. Cost of Civil Works Excluding Labour Welfare Cess 11755583.65				13,114,176.65
	7. Labour Welfare Cess @ 1% on Sl. No.- 6 117555.84				131,141.77
	8. Sub Total Cost				13,245,318.41
	9. Contingency @ 3% on Sl. No.- 6 352662.51				393,425.30
	10. Total Cost 12225807.00				13,638,743.71
	11. Rounded Total Cost of Civil Works				13,638,744.00

Say Cost: Rupees One Crore Thirty Six Lakhs Thirty Eight Thousand Seven Hundred Forty Four only.

MAY BE VETTED

9/7/18

Assistant Engineer
Dept. of Municipal Affairs
Govt. of West Bengal

May be Vetted

09/07/18

Assistant Engineer
Burdwan Division
M-E-Dte.
Govt. of W. B.

ATTESTED

Chairman
Katwa Municipality

04/7/2018

Executive Engineer
Burdwan Division
M. E. Dte.
Govt. of West Bengal

Chairman
Katwa Municipality

REPORT ON SOIL INVESTIGATION WORK FOR CONSTRUCTION OF BUILDING OF URBAN HOMELESS UNDER NULM PROJECT AT MUNICIPAL LAND ADJACENT TO TAC PLAYGROUND, WARD NO. 17, WITHIN KATWA MUNICIPALITY

DR. S. P. BRAHMA & ASSOCIATES

22, GORA CHAND BOSE ROAD,
KOLKATA-700 006.
PH. – 033-2337-8606

TABLE OF CONTENTS

		PAGE
SECTION: I	INTRODUCTION	1
SECTION: II	EXECUTION OF FIELDWORK	2 TO 2A
SECTION: III	LABORATORY TESTS	3
SECTION : IV	FOUNDATION ANALYSIS	4 TO 4F
SECTION : V	LABORATORY TEST RESULTS	5
SECTION : VI	FIGURES	
	➢ Graphical Representation of SPT Test Results	D-1 TO D-2
	➢ e-log P Curve	E-1
	➢ Grading Curves	G-1 TO G-4
	➢ Borehole Positions	L-1

SECTION: I : INTRODUCTION:

M/S. Dr. S. P. Brahma & Associates were awarded the contract for "Soil Investigation work for the Construction of Building of Shelter for Urban Homeless under NULM Project at Municipal Land adjacent to TAC play ground, Ward No. 17, out Plot No. 101, Kh. No. 750,250, J.L. No. 89, Mouza – Charpataihat within Katwa Municipalilty" by the Chairman, Katwa Municipality by Work Order Memo no: 1388/Engg dated 29/12/2017.

The main purpose of the present investigation is to assess the Safe Bearing Capacity of soil for the design of foundation. The exploration work can be summarized as follows:

A. Field Work:

- Execution of two boreholes each 30 metres deep including collection of disturbed soil samples and undisturbed soil samples at suitable intervals.
- Execution of Standard Penetration Tests at suitable intervals.

B. Laboratory Work :

Execution of the following tests:

- Liquid Limit Test
- Plastic Limit Test
- Water Content Test
- Density Test
- Specific Gravity Test
- Grain Size Analysis by Sieving Test
- Grain Size Analysis by Hydrometer Test
- Unconfined Compression Test
- Triaxial Shear Tests(UU)
- Consolidation Test

The Foundation Analysis is given in Section IV.

SECTION: II : EXECUTION OF FIELD WORK:

The field work consists of:

- Execution of two boreholes each 30 metres deep including collection of disturbed soil samples and undisturbed soil samples at suitable intervals. The borehole locations were given by the Engineers of the Department.

- Execution of Standard Penetration Tests at suitable intervals.

Boring:

The boring was done as per I.S. Code 1892-1979 by a team of experienced technicians by Shell & Auger method and Mud-Rotary Drilling method.

Disturbed Representative Soil Samples:

Disturbed representative soil samples were placed in plastic containers and labeled depth-wise. This enabled a visual inspection of the nature of the layers at different depths.

Undisturbed Soil Samples:

The undisturbed soil samples were obtained by using thin tube samplers. The sampler was lowered inside the borehole by means of drill rods. After driving the sampler in the soil to a predetermined depth, the sampler was rotated by about 90 degrees and then the sampler with soil sample was taken out. The both ends of the soil samples were waxed properly. The soil samples were properly labeled. The soil samples were sent to the laboratory at regular intervals.

SECTION: II : EXECUTION OF FIELD WORK:

Standard Penetration Tests:

The standard penetration test was conducted using split-spoon sampler having internal diameter 35 mm and external diameter 50.8 mm. The split-spoon sampler was lowered inside the borehole on a string of drill rods. With the sampler resting at the bottom of the borehole the sampler was driven 15 cm with the blows from the 63.5 kg. hammer. The sampler was then further driven 30 cm with blows from the 63.5 kg hammer falling through 75cm. The number of blows required to effect each 15 cm of the penetration was recorded . The first 15 cm driving was considered to be a seating drive .The total Number of blows required for the last 30 cm of penetration was recorded as the penetration resistance 'N'.

SECTION: III : LABORATORY TESTS:

The following tests were performed on the soil samples obtained from the exploratory borings:

a) **Water Content Test:** After opening the undisturbed sample, one sample from the central portion was oven-dried and the natural moisture content was determined.

b) **Liquid Limit Test:** These tests were conducted on air-dried soil samples.

c) **Plastic Limit Test:** These tests were conducted on air-dried soil samples.

d) **Bulk Density and Dry Density:** These tests were conducted as per standard procedure.

e) **Grain Size Distribution Test (Sieve Analysis and Hydrometer Analysis):** For separating coarse fractions, wet sieving was done. High speed mixing was done to ensure complete dispersion. Sodium Hexametaphosphate was used as a dispersing agent.

f) **Specific Gravity Test:** These tests were conducted as per standard procedure.

g) **Unconfined Compression Test:** Unconfined Compression Tests were done as per standard procedure.

h) **Triaxial Shear Test:** The Triaxial Shear Tests were done as per standard procedure.

i) **Consolidation Test:** The consolidation tests on undisturbed samples were conducted as per standard procedure.

SECTION: IV : FOUNDATION ANALYSIS:

Two boreholes each 30m deep were made at the locations given by the Assistant Engineer of Katwa Municipality. At this site following soil layers are present within thirty meters from existing ground surface:

i. *Brownish Silty Clay Layer*: The average thickness of this layer is about 0.5 metre.

ii. *Brownish Clayey Silty Sand Layer*: The average thickness of this layer is about 1 metre. The Standard Penetration Test 'N' value varies from 3 to 4. The average Standard Penetration Test 'N' value is about 4.

iii. *Brownish Clay Layer*: The average thickness of this layer is about 2.5 metres. The Standard Penetration Test 'N' value varies from 3 to 4. The average Standard Penetration Test 'N' value is about 4.

iv. *Brownish Silty Sand Layer*: The average thickness of this layer is about 7.5 metres. The Standard Penetration Test 'N' value varies from 13 to 49. The average Standard Penetration Test 'N' value is about 25.

v. *Bluish Sand Layer*: The average thickness of this layer is about 18.5 meters within 30 meters boring depth. The Standard Penetration Test 'N' value varies from 25 to 63. The average 'N' value is about 46.

Spread Foundation:

The Net Allowable Bearing Capacities of different types of Spread Foundation are given in Table No. 1.

- For Isolated R. C. C. Footings tie beams in both directions should be used.
- Foundation bed should be compacted.
- The foundation bed should be kept free from ground water during concreting.
- Minimum Depth of Foundation is 1.5 metres.
- Band lintel should be used.

Pile Foundation:

Safe Load Carrying Capacities of R. C. C. Bored Piles are given in Table No. 2.

- Pile caps should be interconnected with tie beams in both directions.
- Actual Load Carrying Capacity of Pile must be determined from load test on test piles.

This site is located in Seismic Zone III. IS: 1893-2002- Criteria for Earthquake Resistant Design of Structures should be followed.

Satyabrata Chatterjee
B.Sc (C.U), B.C.E.(J.U.), M.I.E.
M.Sc.(Soil Mechanics, U.K.)
Consultant, Geotechnical Division

SECTION: IV : FOUNDATION ANALYSIS:

Table 1: Net Allowable Bearing Capacity of Different Types of Spread Foundation:-

Type of Foundation	Depth Of Foundation (m)	Size Of Foundation (m)	Minimum Net Safe Bearing Capacity From Shear Consideration (t/m^2)	Settlement Under Minimum Net Safe Bearing Capacity (cm)	Net Allowable Bearing Capacity (t/m^2)
Square Footing	1.5	2.5 x 2.5	7.5	2.7	7.5
		1.5 x 1.5	7.5	1.2	7.5
Strip Footing	1.5	2.5 m Wide	6.0	3.9	6.0
		1.5 m Wide	6.0	1.9	6.0

All calculations were done taking ground water level at ground surface during monsoon.

Table 2: Load Carrying Capacity of R. C. C. Bored Pile:

Depth Of Pile Tip from existing Ground Level (m)	Length Of Pile (m)	Diameter Of Pile (mm)	Cut Off Length (m)	Safe Load Carrying Capacity Of Pile (KN)	Safe Uplift Capacity Of Pile (KN)
10	8.5	500	1.5	260	180

Static formula may be used as a guide only for bearing capacity estimate. Better reliance may be put on load test on piles (IS: 2911 Part 1/sec 2).
Actual Load Carrying Capacity of Pile must be determined from load test on test piles.

Satyabrata Chatterjee
B.Sc (C.U), B.C.E.(J.U.), M.I.E.
M.Sc.(Soil Mechanics, U.K.)
Consultant, Geotechnical Division

SECTION: IV : FOUNDATION ANALYSIS:

Calculation of Safe Bearing Capacity

The Minimum Net Safe Bearing Capacity at 1.5 metres depth from ground level for 2.5m X 2.5m & 1.5m X 1.5m Square Foundation from Shear Consideration:

$q_{net\ safe} = CN_cS_c/F$ neglecting small Ø

$= (0.35 \times 5.14 \times 1.3 \times 10)/3\ t/m^2$

$= 7.80\ t/m^2$ say $7.5\ t/m^2$

The Minimum Net Safe Bearing Capacity at 1.5 metres depth from ground level for 2.5m wide & 1.5m wide Strip Foundation from Shear Consideration:

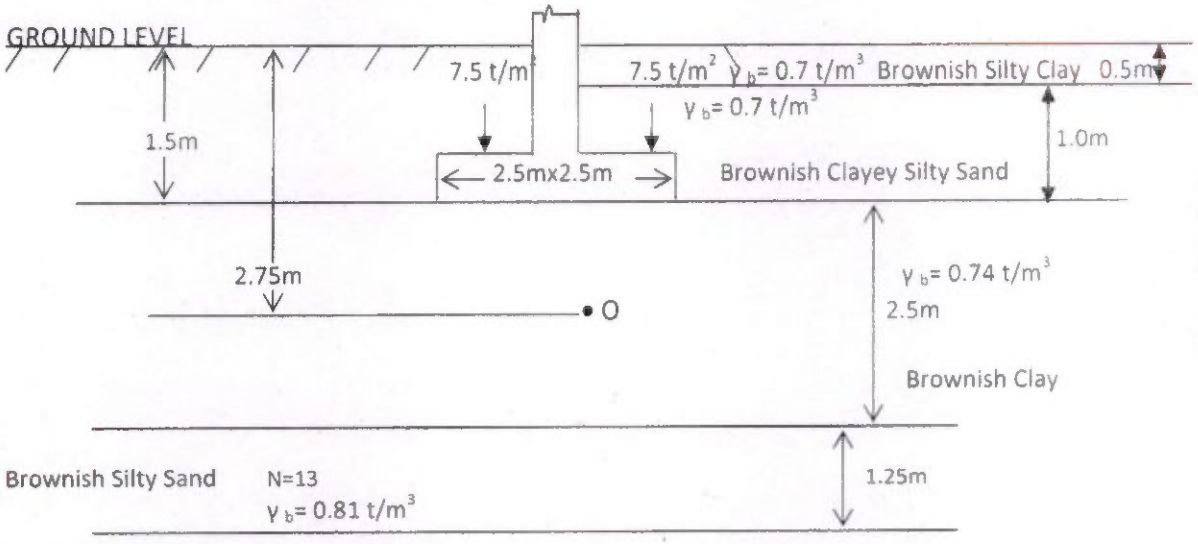
$q_{net\ safe} = (CN_cS_c)/F$ neglecting small Ø

$= (0.35 \times 5.14 \times 1 \times 10)/3\ t/m^2$

$= 6.0\ t/m^2$

SECTION: IV : FOUNDATION ANALYSIS:

Sample Calculation of Settlement for 2.5m X 2.5m square footing at 1.5m depth



Assumption: Ground water level will be at ground surface during rainy season

Brownish Clay Layer:

Po ={(0.70 x 1.5)+(0.74 x 1.25)} t/m² = 1.98t/m² e_o at 1.98 t/m² = 0.882 from E-I

ΔP = (2.5x2.5x7.5)/(3.75x3.75) t/m² = 3.33 t/m²

Po + ΔP = 5.31 t/ m², e_1 at 5.31 t/m² = 0.850 from E-I

$S_1 = (e_0 - e_1)/(1 + e_0) \times H$

= {(0.032)/(1.882} x 250cm = 4.25 cm

Applying the following Correction factors: Pore Pressure 0.7, Rigidity 0.8 & Depth 0.83
Corrected Settlement S = 0.7 x 0.8 x 0.83 x 4.25cm = 1.98 cm

Brownish Silty Sand Layer:

Pressure on top of Brownish Silty Sand Layer

= (2.5x2.5x7.5)/(5x5) t/m² = 1.88 t/m²

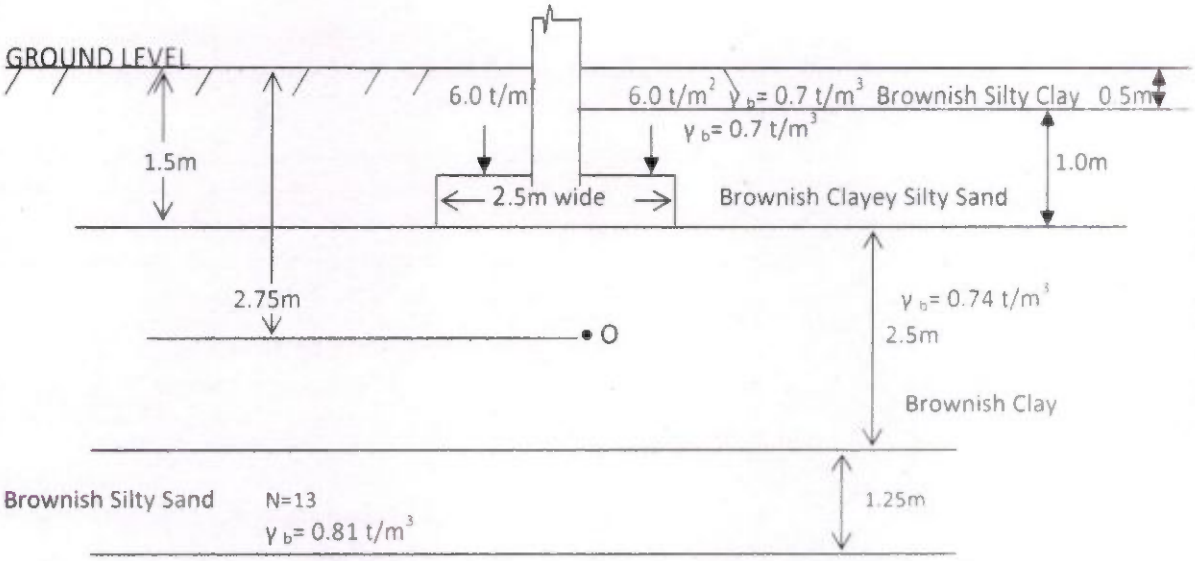
$S_2 = 2.5 \times 10^{-2} \times 10^2 \times 0.188$ cm = 0.47cm

Corrected Settlement = 0.77 X 2 X 0.47cm = 0.72cm

Total Settlement $S = S_1 + S_2$ = (1.98+ 0.72)cm = 2.7cm

SECTION: IV : FOUNDATION ANALYSIS:

Sample Calculation of Settlement for 2.5m wide Strip footing at 1.5m depth



Assumption: Ground water level will be at ground surface during rainy season

Brownish Clay Layer:

Po ={(0.70 x 1.5)+(0.74 x 1.25)} t/m^2 = 1.98t/m^2 e_o at 1.98 t/m^2 = 0.882 from E-I

ΔP = (2.5x22.5x6.0)/(3.75x23.75) t/m^2 = 3.79 t/m^2

Po + ΔP = 5.77 t/ m^2, e_1 at 5.77 t/m^2 = 0.842 from E-I

$S_1 = (e_0 - e_1)/(1 + e_0) \times H$

= {(0.040)/(1.882} x 250cm = 5.31 cm

Applying the following Correction factors: Pore Pressure 0.7, Rigidity 0.8 & Depth 0.83
Corrected Settlement S = 0.7 x 0.8 x 0.92 x 5.31cm = 2.74 cm say 2.7cm

Brownish Silty Sand Layer:

Pressure on top of Brownish Silty Sand Layer

= (2.5x22.5x6.0)/(5x25) t/m^2 = 2.7 t/m^2

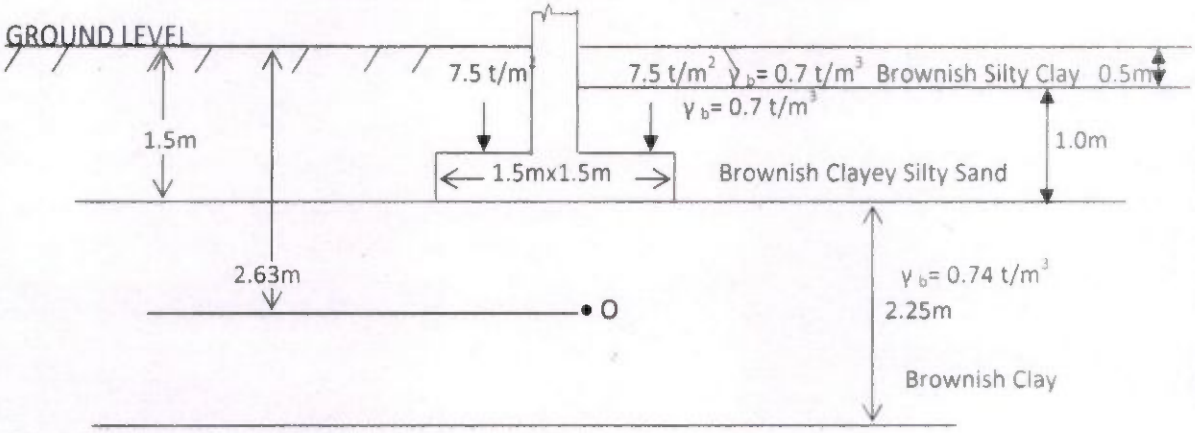
$S_2 = 2.5 \times 10^{-2} \times 10^2 \times 0.27$ cm = 0.68cm

Corrected Settlement = 0.87 X 2 X 0.68cm = 1.18cm say 1.2cm

Total Settlement S= $S_1 + S_2$ = (2.7+ 1.2)cm = 3.9cm

SECTION: IV : FOUNDATION ANALYSIS:

Sample Calculation of Settlement for 1.5m X 1.5m square footing at 1.5m depth



Assumption: Ground water level will be at ground surface during rainy season

Brownish Clay Layer:
Po ={(0.70 x 1.5)+(0.74 x 1.13)} t/m^2 = 1.89t/m^2 e_o at 1.89 t/m^2 = 0.885 from E-I

ΔP = (1.5x1.5x7.5)/(2.63x2.63) t/m^2 = 2.44 t/m^2

Po + ΔP = 4.33 t/ m^2, e_1 at 4.33 t/m^2 = 0.860 from E-I

S_1 = $(e_o - e_1)/(1 + e_o)$ x H

= {(0.025)/(1.885} x 225cm = 2.98 cm

Applying the following Correction factors: Pore Pressure 0.7, Rigidity 0.8 & Depth 0.72
Corrected Settlement S = 0.7 x 0.8 x 0.72 x 2.98cm = 1.2 cm

Sample Calculation of Settlement for 1.5m wide Strip footing at 1.5m depth

Brownish Clay Layer:
Po ={(0.70 x 1.5)+(0.74 x 1.13)} t/m^2 = 1.89t/m^2 e_o at 1.89 t/m^2 = 0.885 from E-I

ΔP = (1.5x13.5x6.0)/(2.63x14.63) t/m^2 = 3.16 t/m^2

Po + ΔP = 5.05 t/ m^2, e_1 at 5.05 t/m^2 = 0.852 from E-I

S_1 = $(e_o - e_1)/(1 + e_o)$ x H

= {(0.033)/(1.885} x 225cm = 3.94 cm

Applying the following Correction factors: Pore Pressure 0.7, Rigidity 0.8 & Depth 0.87
Corrected Settlement S = 0.7 x 0.8 x 0.87 x 3.94cm = 1.9 cm

SECTION: IV : FOUNDATION ANALYSIS:

Sample Calculation of Load Carrying Capacity of 8.5 long R.C.C. Bored Piles resting at 10m depth from EGL as per {IS: 2911(Part 1/sec 2)-2010}

Assumption: Ground Water Level will be at ground surface during rainy season.

Cut off length -1.50m
For Bored Pile for Corrected 'N' = 21, From IS:6403, $\emptyset=33^{\circ}-3^{\circ}=30^{\circ}$, Nq=20

$Qu = Ap.\ Pd.\ Nq + \propto CA's + K.P'd.\tan\emptyset_1 As_1$ - Buoyant weight of Pile

For 500mm bored pile:

End Bearing = Ap. Pd. Nq = 0.196 X 6.63 X 20 tons = 260KN

Frictional resistance of Brownish Clay layer= $\propto CA's$

$\propto CA's$ = 1 X 3.5 X3.14 X 0.5 X 2.5 tons = 137KN

Frictional resistance of Brownish Silty Sand layer= $K.P'd.\tan\emptyset As$

$K.P'd.\tan\emptyset As$ = 1 X 5.66 X 0.65 X 3.14 X 0.5 X 6 tons = 347KN

Buoyant weight of Pile = $\pi/4$ X $(0.5)^2$ X 8.5 X 1.6 tons = 26.7KN say 27KN

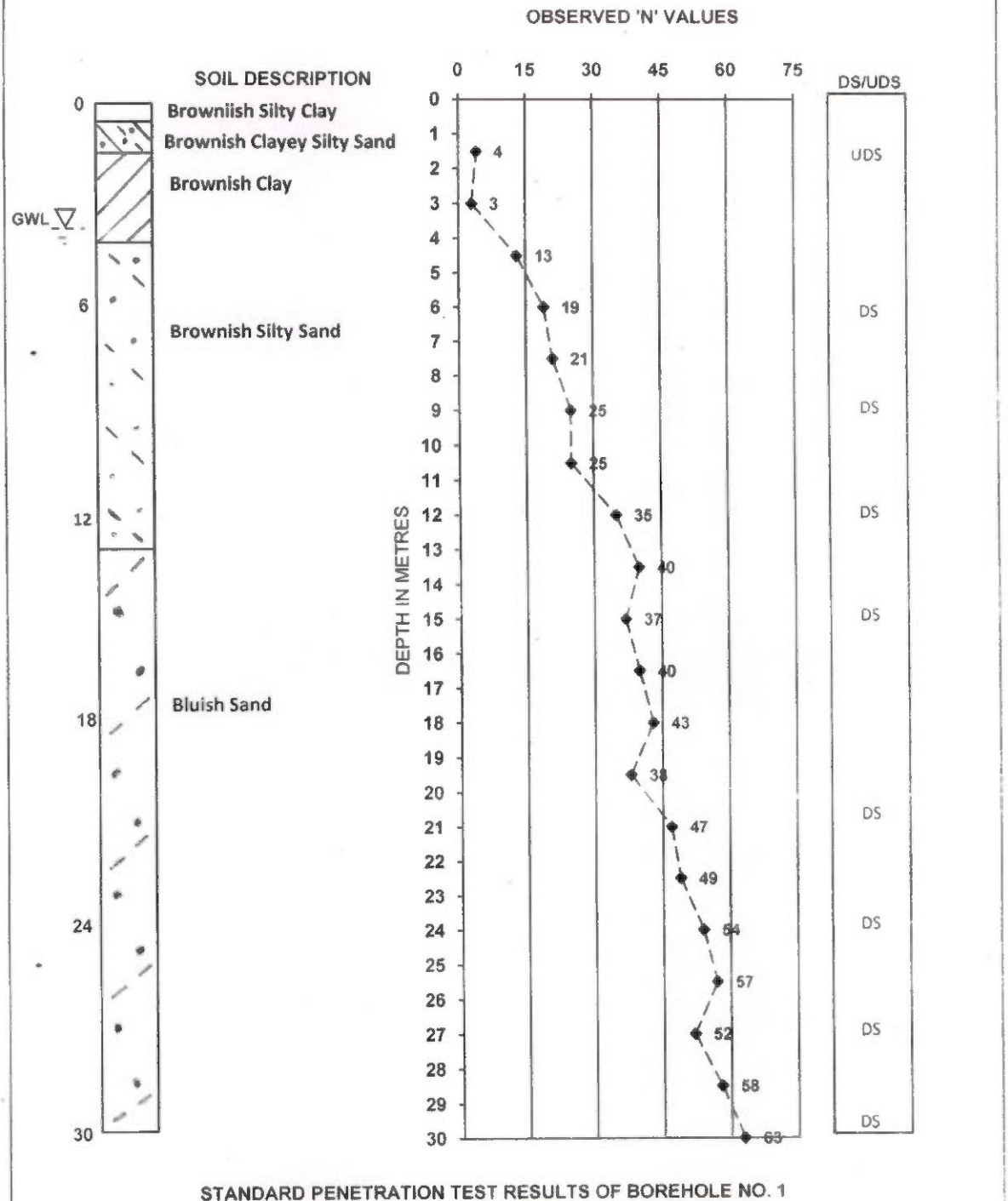
Vertical Load Carrying Capacity of Pile = {(260KN+137KN+347KN)/2.5-27KN} = 270.6KN

say 260KN

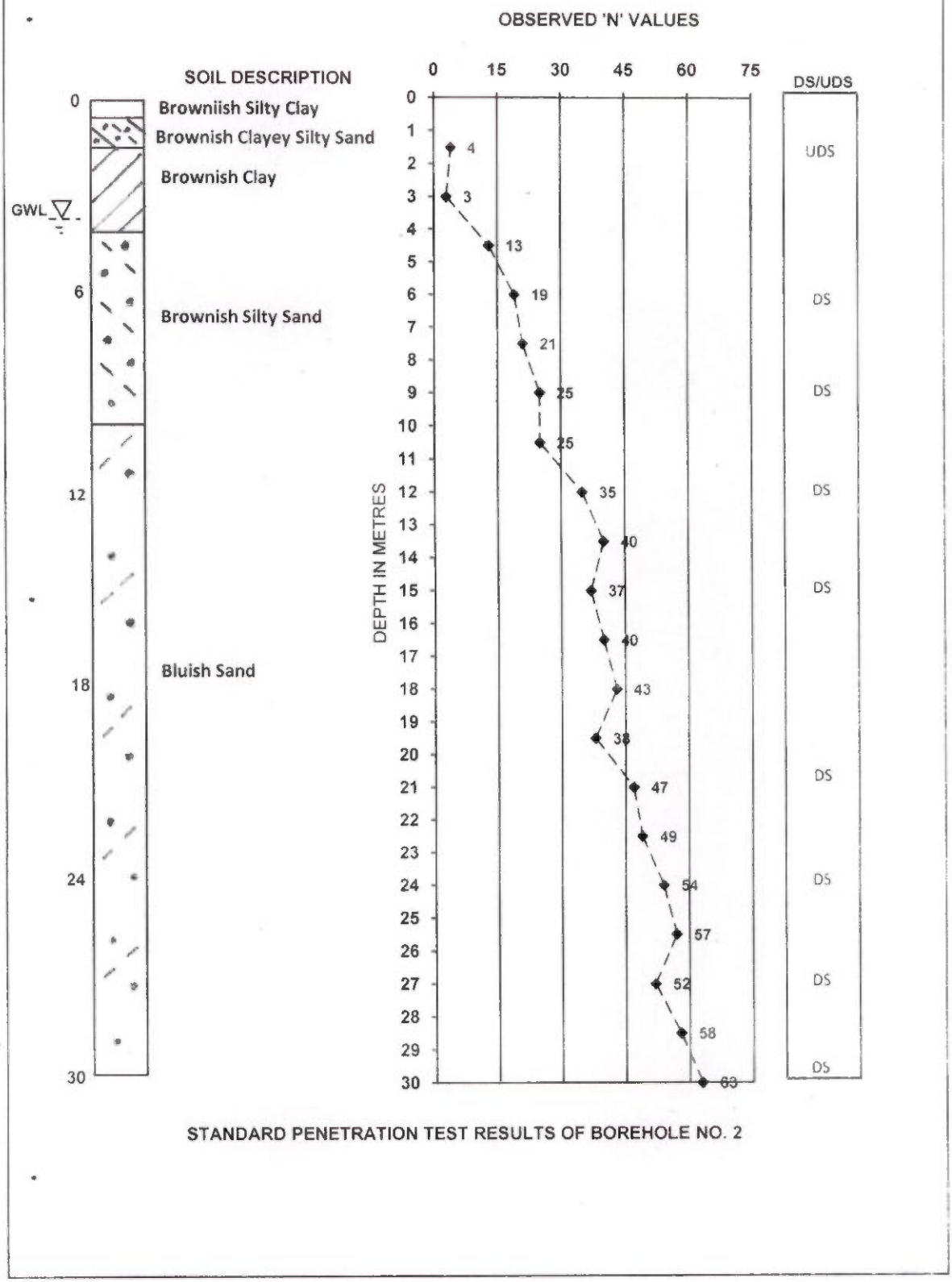
Uplift Capacity of Pile = Frictional Resistance of Pile/3 + Buoyant weight of Pile
= (137KN+347KN) /3KN + 27KN
= 188.3KN say 180KN

SECTION: VI: LABORATORY TEST RESULTS CHART:

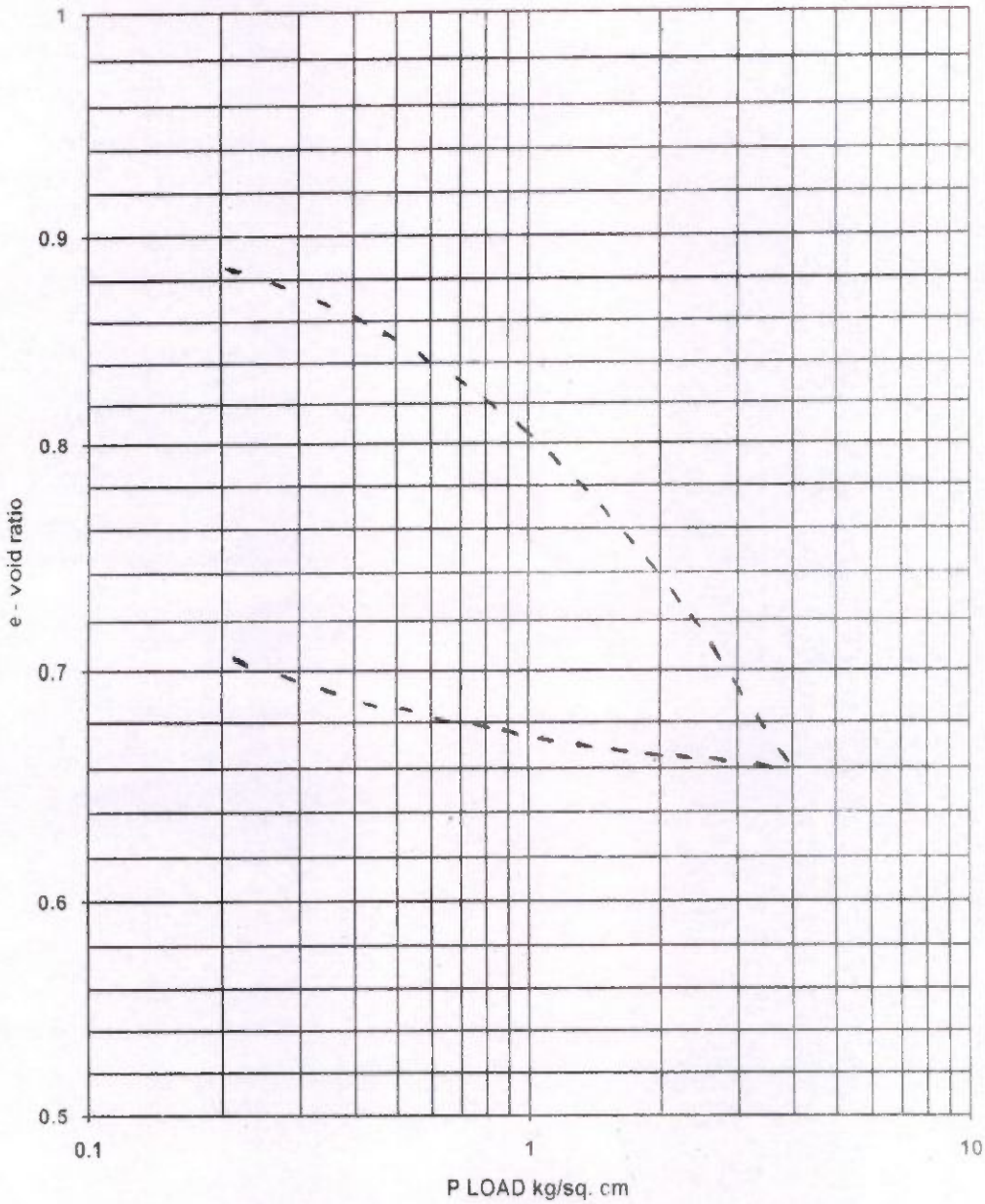
Description of Layer	Natural Moisture Content (%)	Density (Kg/M^3)		Liquid Limit (%)	Plastic Limit (%)	Plasticity Index	U.C.S. (qu/2) (Kg/cm^2)	Triaxial Shear		Specific Gravity 'G'	Grain Size Distribution			
		Bulk	Dry					'C' (Kg/cm^2)	∅		Gravel (%)	Sand (%)	Silt (%)	Clay (%)
Brownish Clayey Silty Sand (BH - 1, Depth 1.4m)	-	-	-	-	-	-	-	-	-	2.66	4	49	43	4
Brownish Clay (BH - 1, Depth 2.0m)	28	1744	1363	56	21	35	0.37	0.35	4	2.65	0	21	59	20
Brownish Silty Sand (BH - 1, Depth 12.0m)	-	-	-	-	-	-	-	-	-	2.66	10	74	16	0
Bluish Sand (BH - 1, Depth 22.5m)	-	-	-	-	-	-	-	-	-	2.67	0	94	6	0



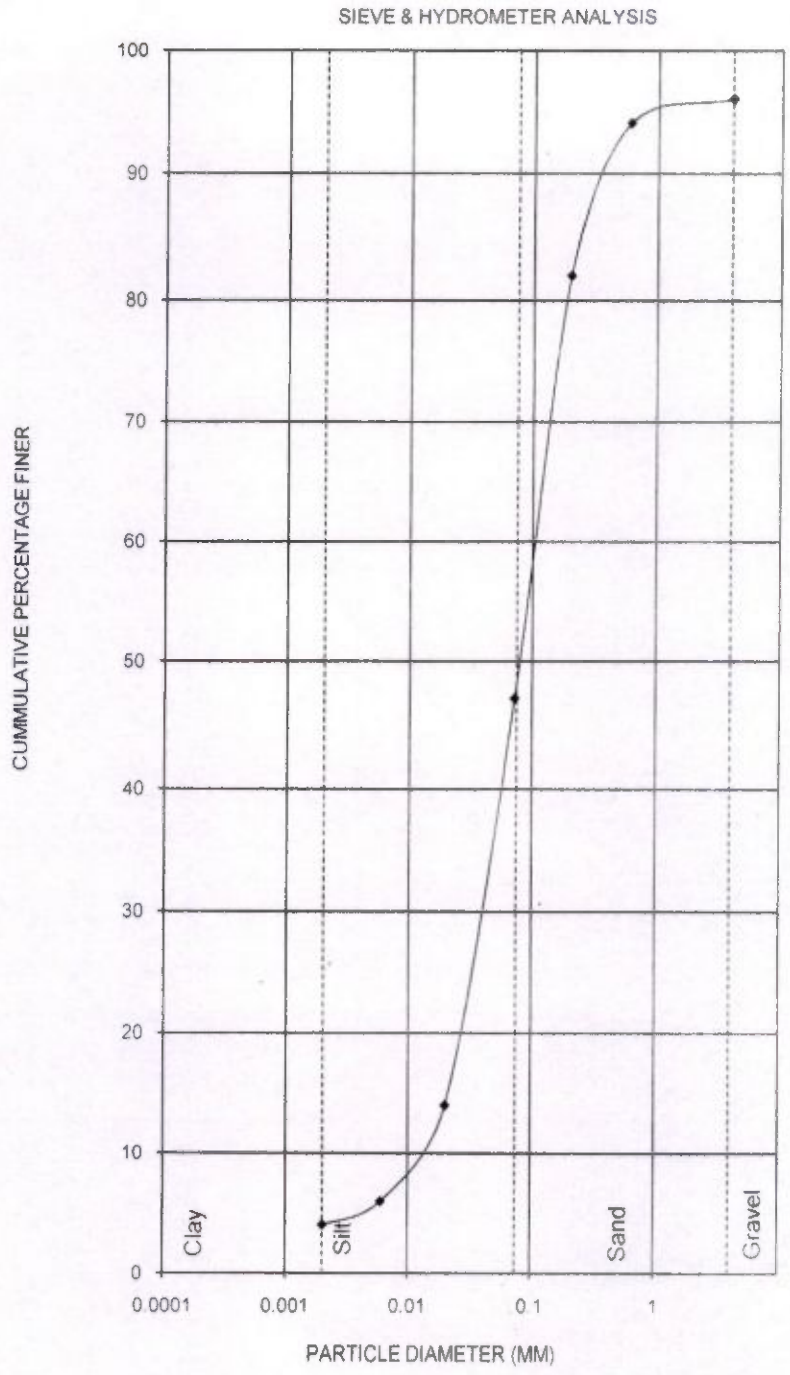
STANDARD PENETRATION TEST RESULTS OF BOREHOLE NO. 1



STANDARD PENETRATION TEST RESULTS OF BOREHOLE NO. 2

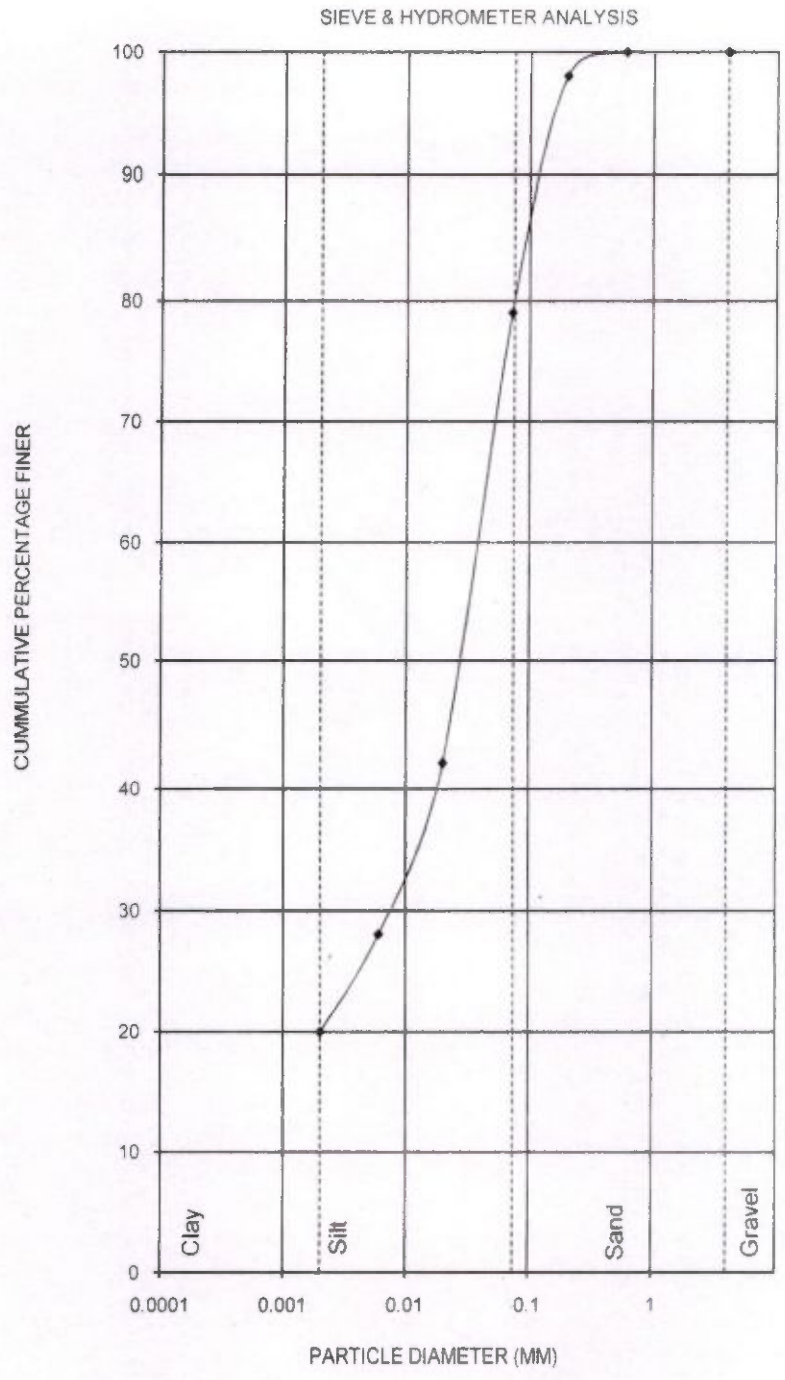


e - LOG P CURVE OF BROWNISH CLAY LAYER (BH-1, DEPTH 2.0M)



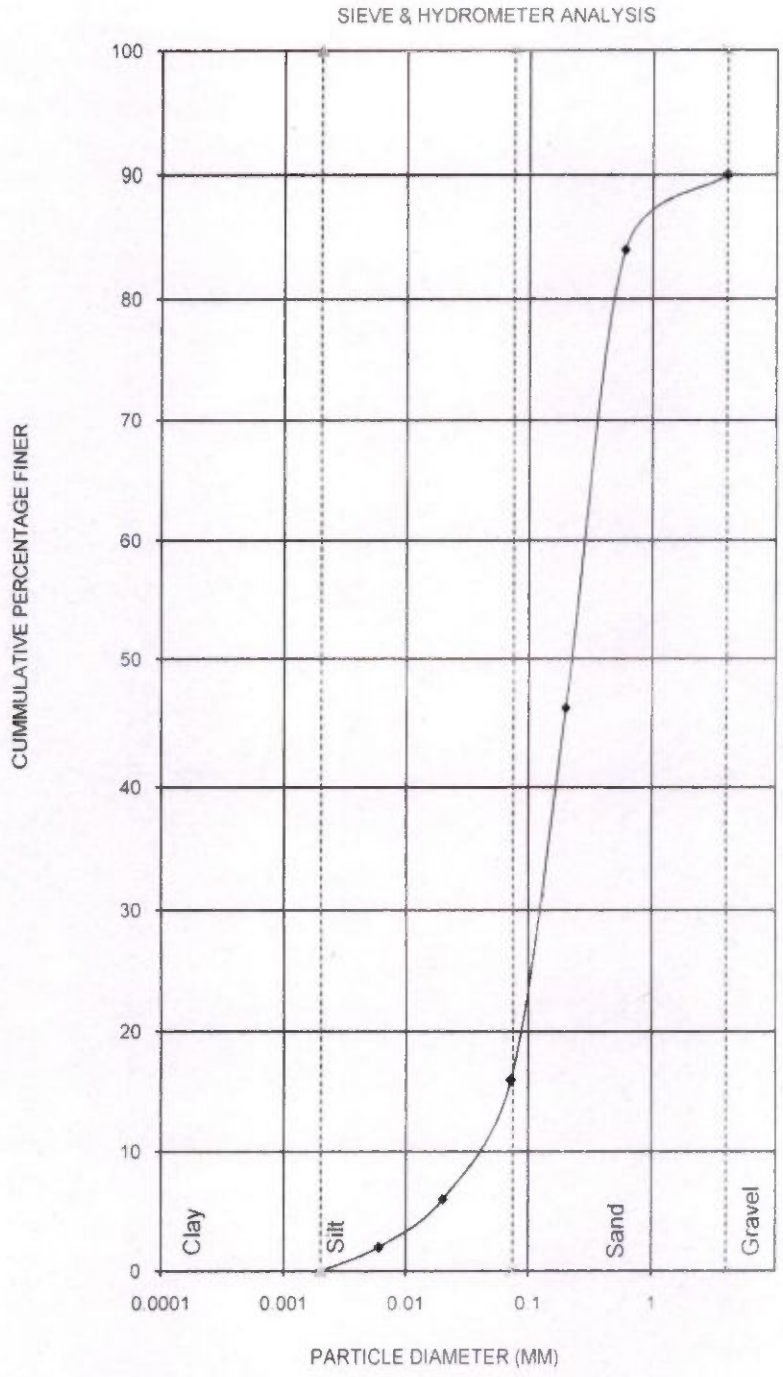
CLAY	SILT	SAND	GRAVEL
4	43	49	4

PARTICLE SIZE DISTRIBUTION CURVE OF BROWNISH CLAYEY SILTY SAND LAYER (BH - 1, DEPTH 1.4M)



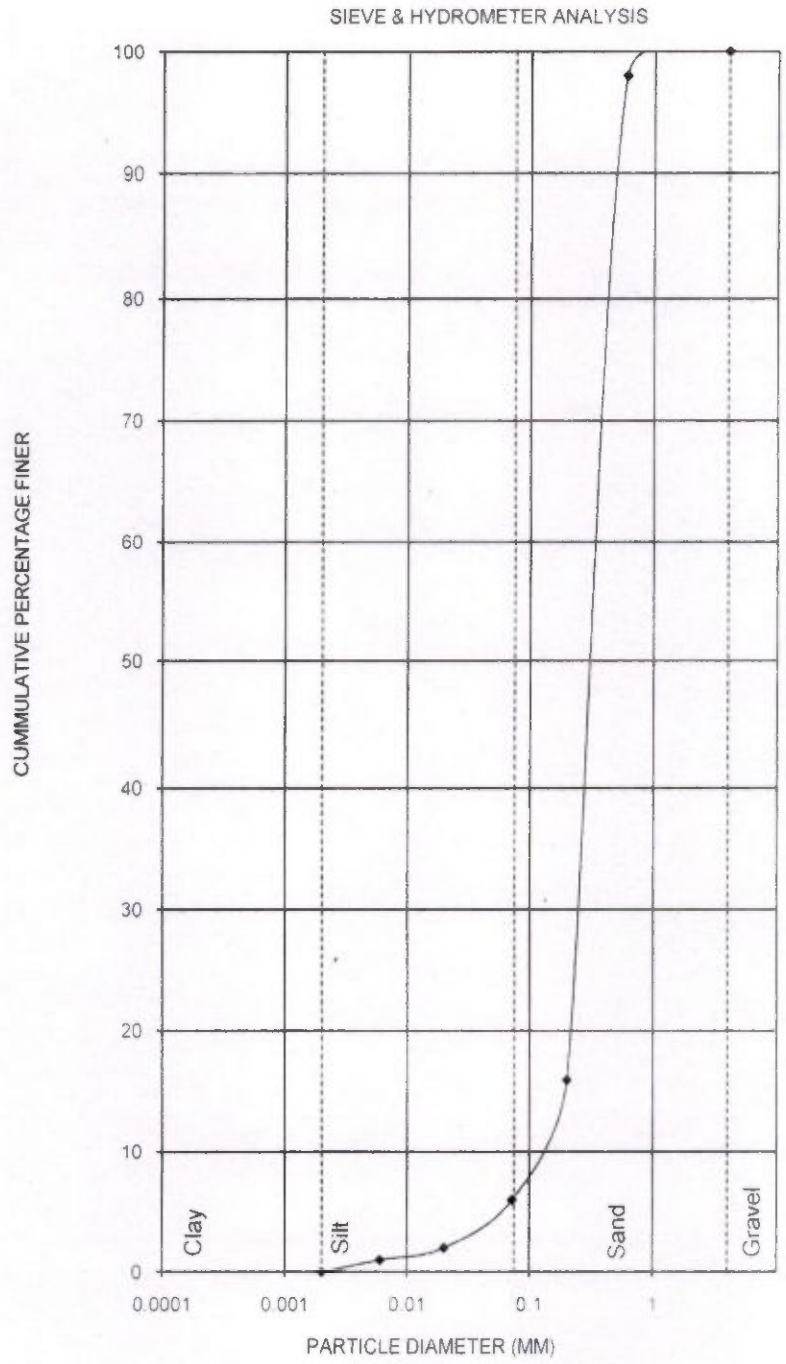
CLAY	SILT	SAND	GRAVEL
20	59	21	0

PARTICLE SIZE DISTRIBUTION CURVE OF BROWNISH CLAY LAYER (BH - 1, DEPTH 2.0M)



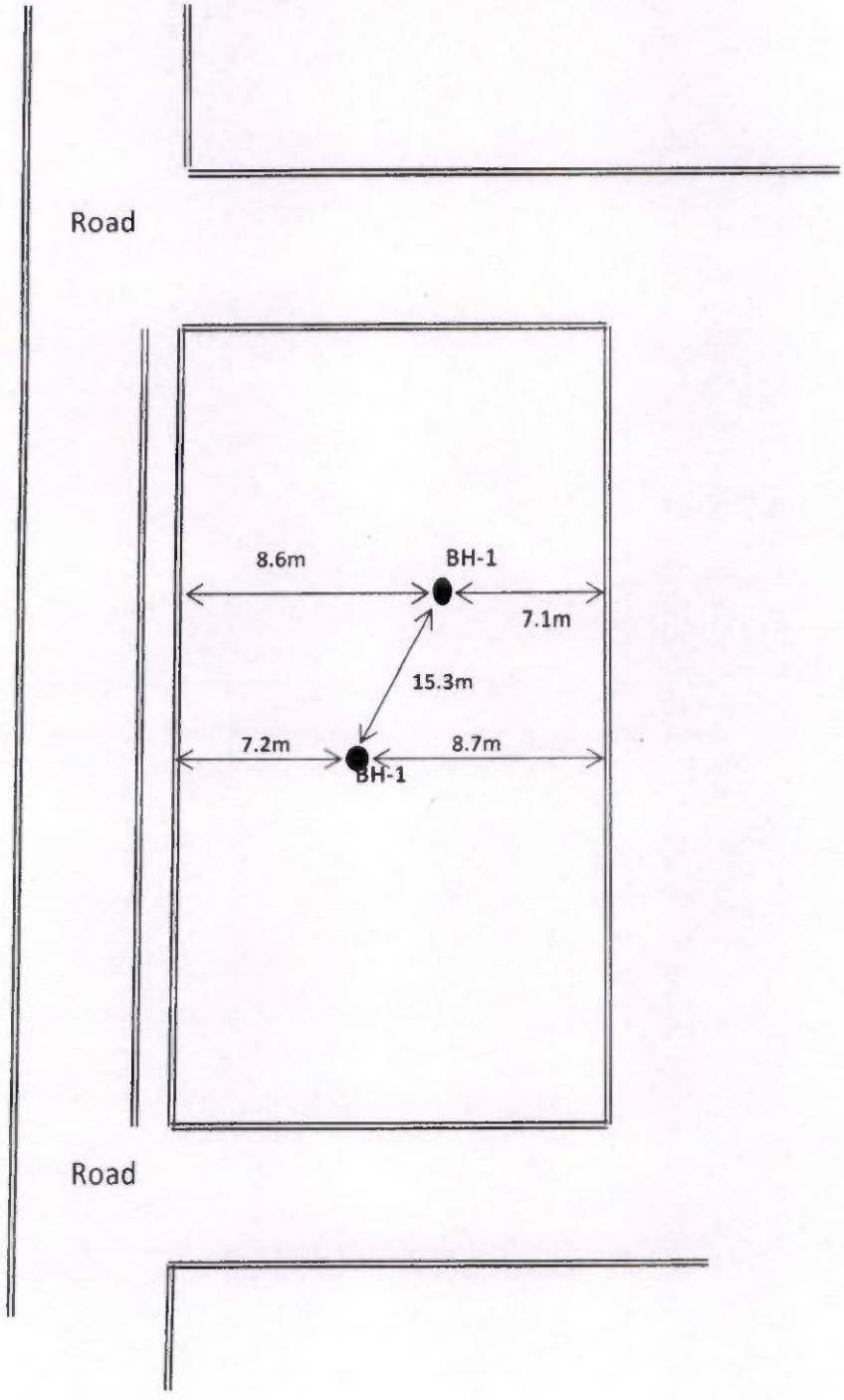
CLAY	SILT	SAND	GRAVEL
0	16	74	10

PARTICLE SIZE DISTRIBUTION CURVE OF BROWNISH SILTY SAND LAYER (BH - 1, DEPTH 12.0M)



CLAY	SILT	SAND	GRAVEL
0	6	94	0

PARTICLE SIZE DISTRIBUTION CURVE OF BLUISH SAND LAYER (BH - 1, DEPTH 22.5M)



Not to scale

BORE HOLE POSITIONS

SUMMARY OF DPR FOR SHELTER FOR URBAN HOME LESS

Name of the City :Katwa		Name of ULB: Katwa Municipality	Name of the shelter with Ward No. SUH KATWA Ward No. 17
Proposal for Construction or refurbishment:		Construction	
No. of Shelters already sanctioned (for Construction and refurbishment)		Capacity Proposed: 50	Proposed Location: Mouza: Charpatalhat ,Ward No. 17, J.L. No. 89,PS- Katwa, District-Purba Bardhaman
		No. of existing Shelters Operational in ULB: 0	Total Capacity of existing Shelters
		(i) Under NULM -	(i) Under NULM -
		(ii) From Other schemes -	(ii) From Other schemes -
		(iii) Total - Nil	(iii) Total - Nil

Sl. No	Parameters		Details	Remarks
1	Is the City a NULM city as per the norms of NULM?		Yes	
2	Total Population of the ULB as per the Census 2011 *(as mentioned in Para 3.2 of the SUH Guidelines)*		81,615	
3	Brief Details of homeless survey (if any) giving year,agency,number of homeless identified etc.		Number of Homeless: 20	ULB itself conduct the survey on 2014
4	Locations having high concentration of homeless which this shelter will cover; Distance of Shelter from those locations.		1 km from nearest Railway Station & Bus Stand, Market Place	
5	Space in the proposed Shelter	1. Area (sq.m)	253.87	
		2. Proposed capacity	50	
		3. Area per person (sq m)	5.0774	
6	Please specify the group of Urban Homeless the Shelter Would cater to viz.(a) Men (b) Women/Single Women and their dependet Children (c) Children (d) aged (e) Disabled (f) Mentally Disabled (g) Family (h) Any other. *(as mentioned in Para 3.3 of the SUH Guidelines)*		(a) Men (b) Women/Single Women and their dependet Children (c) Children (d) aged (e) Mentally Disabled (f) Family	

Office of the Councillor Katwa, Purba Bardhaman Katwa Municipality

Sub-Assistant Engineer
Katwa Municipality

Chairman
Katwa Municipality

7	Details Land on which Shelter is Proposed to be built *(as mentioned in Para 9.4 & 9.6 of the SUH Guidelines)*	Area	1798.44	
		Plot No	101	
		Location	Proposed Location Mouza Charpatahat ,Ward No. 17, J L. No. 89,PS- Katwa, District-Purba Bardhaman	
		Owner of Land as per Land records	Katwa Municipality	
8	Details of Lease /agreement /permission under which land is being used for Shelter:		NA	Municipality has authority to sanction permission
9	Please specify the facilities to be provided in the Shelter: *(as mentioned in the para 4 of the SUH Guidelines)*			
	a) Well ventilated room		yes	
	b) Water and Sanitation Arrangements		yes	
	c) Standard Lighting		yes	
	d) Cleaning and Maintenance of other services		yes	
	e) Common Kitchen		yes	
	f) Any other		Separate Staircase for women Dormitory	
10	**Estimated Cost Of Shelter:**			
	i) Site Development		0	
	ii) Civil Works including(internal electricity,sanitation and water)		103.49	
	iii) External electricity Connection		0.50	
	iv) External Water connection		0	
	v) Furniture and other equipments		8.71	
	vi) any other		~~4.29~~ 3.79	
	vii)Total		116.49	
11	Type of Construction, Material etc		RCC framed structure	As per specification and drawing

Office of the Councillor
Katwa, Purba Bardhaman
Katwa Municipality

Sub -Assistant Eng
Katwa Municipality

Chairman
Katwa Municipality