KHARDAH MUNICIPALITY
B.T.ROAD, KHARDAH,
NORTH 24-PARGANAS, KOLKATA – 700 117

Notice Inviting e-Tender

Memo. No. KDHM/45/PWD/23-24 **Date: 30.01.2023**

Sl. No.	NAME OF WORK	ESTIMATED VALUE(Rs.) (Incl. GST & Cess)	EARNEST MONEY (Payment through RTGS/NEFT)	Fund Name	E-tender Notice Number	Value of Tender (Rs.)
1	Construction of Additional Class Room Of RAMAKRISHNA MISSION BOYS' HOME JUNIOR HIGH SCHOOL under Khardah Municipality. (Annexure-1)	1177900.00	23558.00	Samagra Shiksha Mission	KDHM/45/PWD/01/23-24	2000.00

Note : Bonafied, reliable, resourceful and experience contractors having sound financial status and having credential not less than 40% of the value of similar nature of work in a single contract during preceding 3 (Three) years under Govt./Semi Govt./ Statutory of local bodies. Credential means completion certificate as well as payment certificate of a single contract of a similar nature of work.

1. A bidder desirous of taking part in a tender shall login to the e-Procurement Portal of the Government of West Bengal http://wbtenders.gov.in using his login ID and Password and thereafter may download the tender document from the website directly with the help of Digital Signature Certificate.

As per G.O. No. 3975-F(Y) dated 28.07.2016 of the Secretary, Audit Branch, Finance Department a bidder should initiate payment of pre-defined EMD for the tender by selecting from either of the following payments modes:

- Net Banking (any of the banks listed in the ICICI Bank Payment Gateway) in case of payment through ICICI Bank Payment Gateway;

I) **Earnest Money Payment Procedure :**

a) Payment by Net Banking (any listed bank) through ICICI Bank Payment Gateway:

i. On selection of net banking as the payment mode, the bidder will be directed to ICICI Bank Payment Gateway webpage (along with a string containing a Unique ID) where he will select the Bank through which he wants to do the transaction.

ii. Bidder will make the payment after entering his Unique ID and Password of the Bank to process the transaction.

iii. Bidder will receive a conformation message regarding success/failure of the

iv. If the transaction is successful, the amount paid by the bidder will get credit in the respective pooling account of the State Government/PSU/Autonomous Body/Local Body/PRIs, etc. Maintained with the Focal Point Branch of ICICI Bank R.N. Mukherjee Road, Kolkata for collection of EMD/Tender Fees.

v. If the transaction is failure, the bidder will again try for payment by going back to the first step.

b) Payment through RTGS/NEFT :

i. On selection of RTGS/NEFT as the payment mode, the e-Procurement portal will show a pre-filled challan having the details to process RTGS/NEFT transaction.

ii. The bidder will print the challan and use the pre-filled information to make RTGS/NEFT payment using his Bank account.

iii. Once payment is made, the bidder will

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iv. If verification is successful, the fund will get credit to the respective pooling account of the state Government/PSU/Autonomous Body/Local Body/PRIs, etc. Maintained with the Focal Point Branch of ICICI Bank at R.N. Mukherjee Road, Kolkata for collection of EMD/Tender Fees.

v. Hereafter, the bidder will go to e-Procurement portal for submission of his bid.

vi. But if the payment verification is unsuccessful, the amount will be returned to the bidder's account.

II) Earnest Money Refund/Settlement Process :

i) After opening of the bids and technical P rocess of the same by the tender inviting authority through electronic P rocessing in the e-Procurement portal of the State Government, the tender inviting authority will declare the status of the bids as successful or unsuccessful which will be made available, along with the details of the unsuccessful bidders, to IclCI Bank by the e-Procurement portal through web services.

ii) On receipt of the information from the e-Procurement portal, the Bank will refund, through automated process, the EMD of the bidders disqualified at the technical evaluation to the respective bidders' bank accounts from which they made the payment transaction. Such re und will take place within T+2 Bank Working Days where T will mean the date 0 which information on rejection of bid is uploaded to the e-Procurement portal of the tender inviting authority.

iii) Once the financial bid evaluation is electronically processed in the e-Procurement portal, EMD of the technically qualified bidders other than that of the Ll and L2bidders will be refunded, through an automated process, to the respective bidders' bank accounts from which they made the payment transaction. Such refund will take place within T+2 Bank Working Days where T will mean the date on which information on rejection of financial bid is uploaded to the e-Procurement portal by the tender inviting authority. However, the L2 bidder should not be rejected till the LOI process is successful.

iv) If the Ll bidder accepts the LOI and the same is processed electronically in the e-Procurement portal, EMD of the L2 bidder will be refunded through an automated process, to his bank account from which he made the payment transaction. Such refund will take place with n T+2 Bank Working Days where T will mean the date on which information on Award of Contract (AOC) to the Ll bidder is uploaded to the e-Procurement portal by the tender inviting authority.

v) As soon as the Ll bidder is awarded the contract (AOC) and the same is processed electronically in the eProcurement portal – a) EMD of the Ll bidder for tender of State Government offices will automatically get transferred from the pooling account to the State Government deposit head "8443-00 -103-001-07" through GRIPS along with the bank particulars of the Ll bidder.

b) EMD of the Ll bidder for tenders of the State PSUs/Autonomous Bodies/Local Bodies/PRls, etc will automatically get transferred from the pooling account to their respective inked bank accounts along with the bank particulars of the Ll bidder. In both the above cases, such transfer will take place within T+1 Bank Working Days where T will mean the date on which t e Award of Contract (AOC) is issued.

vi. The Bank will share the details of the GRN o. generated on successful entry in GRIPS with the EProcurement portal for updation.

vii. Once the EMD of the Ll bidder is transferred in the manner mentioned above, Tender fees, if any, deposited by the bidders will be transferred electronically from the pooling account to the Government revenue receipt head "0070-60-800-013-27" through GRIPS for Government tenders and to the respective linked bank accounts for State PSU/Autonomous Body/Local Body/PRls, etc tenders.

viii. All refunds will be made mandatorily to the bank A/c from which the payment of EMD& Tender Fees (if any) were initiated.

III) **Accounting and Monitoring Process:**

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ii. The Tender Inviting Authority of the Government Offices/PSUs/ Autonomous Bodies/Local Bodies/PRIs, etc will be using their respective e-procurement User ID and Password to view the EMD and Tender Fe 5 deposited by the bidders in the pooling accounts.
iii.The nodal officer of the Finance Department, Government of West Bengal will be able to view the Department-wise EMD and Tender Fees deposited by the bidders to the pooling accounts and fund transferred downstream at various stages of the tender process to the Government accounts an bidders' accounts, as applicable by using user access as provided by NIC.
iv. The details of NIC E-Procurement Help Desk and toll free numbers of ICICI Bank are given in annexure of the mentioned G.O. above.

2) Both **Technical Bid** and **Financial Bid** are to be submitted online on or before last date of Bid Submission date concurrently duly digitally signed in the website http://wbtenders.gov.in
3) Tender documents may be downloaded from website and submission of Technical Bid and Financial Bid will be done as per Time Schedule stated in Sl. No.-6.
4) The FINANCIAL OFFER of the prospective tenderer will be considered only if the TECHNICAL BID of the tenderer is found qualified by the 'Tender Evaluation Committee' formed by the authority. The decision of the 'Tender Evaluation Committee' will be final and absolute in this respect. The list of Qualified Bidders will be displayed in the website.
5) **Eligibility Criteria for participation in the tender –**
a) Bonafied, reliable, resourceful and experience contractors having sound financial status and having credential not less than 40% of the value of similar nature of work in a single contract during preceding 3 (Three) years under Govt./Semi Govt./Statutory of local bodies. Credential means completion certificate as well as payment certificate of a single contract of a similar nature of work. [Non-statutory documents]
b) Uploading of scan copies of Pan Card, GST Registration Certificate, Professional Tax (PT) payment certificate (current), Income Tax Return (current), notarised declaration certificate and organization details, Valid Trade License are to be accompanied with the Technical Bid Documents. [Non-statutory documents]
c) The partnership firm shall furnish the registered partnership deed and the company shall furnish the Article of Association and Memorandum.
d) Hard copy of documents may be demanded for submission if desired by the authority after opening of Technical Bid.
e) Defect liability period for maintenance of the road works will be 3 years from the completion of the works. Liability may fix up in respect of any means depending upon the decision of the appropriate authority for non compliance of the above. [Non-statutory documents]
6) **Date and Time Schedule:**

Sl.No.	Particulars	Date & Time
1	**Date of uploading of N.I.T. Documents (online) (Publishing Date)**	31.01.2024 (12.00 **hours**)
2	**Documents download start date (Online)**	31.01.2024 (12.00 **hours**)
3	**Documents download - end date (Online)**	19.02.2024 (15:00 **hours**)
4	**Bid submission start date (Online)**	31.01.2024 (12.00 **hours**)
5	**Bid Submission closing (Online)**	19.02.2024 (15:00 **hours**)
6	**Bid opening date for Technical Proposals (Online)**	**21.02.2024 (15:30 hours)**
7	**Bid opening date for Financial Proposals (Online)**	**To Be Notified Later**

7) Prospective applicants are advised to note carefully the minimum qualification criteria as mentioned in 'Instructions to Bidders' stated in Section [illegible] of the bid

9) The intending Tenderers are required to quote the rate online.
10) During scrutiny, if it comes to the notice of the tender inviting authority that the credential or any other paper found incorrect /manufactured / fabricated, that bidder would not be allowed to participate in the tender and that application will be rejected without any prejudice.
11) The tender inviting authority reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.
12) Before issuance of the WORK/SUPPLY ORDER, the tender inviting authority may verify the credential and other documents of the lowest tenderer if found necessary. After verification if it is found that the documents submitted by the lowest tenderer is either manufactured or false in that case work order will not be issued in favour of the said Tenderer under any circumstances.

13) **Qualification Criteria:** The tender inviting and Accepting Authority through a "Tender Evaluation Committee" will determine the eligibility of each bidder.
The bidders shall have to meet all the minimum criteria regarding:

1) Financial Capacity
2) Technical Capability comprising of personnel & equipment capability
3) Experience / Credential

14) Escalation of Price on any ground and consequent cost overrun shall not be entertained under any circumstances. Rates should be quoted accordingly.

SECTION - A
INSTRUCTION TO BIDDERS

1) General guidance for e-Tendering: Instructions / Guidelines for electronic submission of the tenders have been annexed for assisting the contractors to participate in e-Tendering.

i. **Registration of Contractor:**

Any tenderer willing to take part in the process of e-tendering will have to be enrolled and registered with the Government e procurement system, through logging on to https://etender.wb.nic.in. The tenderer is to click on the link for e-tendering site as given on the web portal.

ii. **Digital Signature certificate (DSC):**

Each contractor is required to obtain a Class-II or Class-III Digital Signature Certificate (DSC) for submission of tenders from the approved service provider of the National Informatics Centre (NIC) on payment of requisite amount. Details are available at the Web Site stated in Clause (i) above. DSC is given as a USB e-Token.

iii. The contractor can search & download N.I.T. & Tender Document(s) electronically from computer once he logs on to the website mentioned in Clause (i) using the Digital Signature Certificate. This is the only mode of collection of Tender Documents.

iv. Submission of Tenders: Tenders are to be submitted through online to the website stated in Clause (i) in two folders at a time for each work, one in Technical Proposal & the other is Financial Proposal before the prescribed date &time using the Digital Signature Certificate (DSC). The documents are to be uploaded virus scanned copy duly Digitally Signed. The documents will get encrypted (transformed into non readable formats).

2) Technical Proposal:

The Technical proposal should contain scanned copies of the following in two covers (folders).

(A). Statutory Cover Containing the following documents:

a) PREQUALIFICATION DOCUMENTS: I. Prequalification Application (Sec-B, Form – I)
b) Municipal Tender Form.
c) N.I.T. (NIT and Municipal Tender Form downloaded properly and upload the same Digitally Signed). The rate will be quoted in the B.O.Q. Quoted rate will be encrypted in the B.O.Q. under Financial

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i. Pan Card, GST Registration Certificate, Professional Tax (PT) payment certificate (current), Income Tax Return (current) & valid Trade License.

ii. Registration Certificate under Company Act. (if any).

iii. Registered Deed of partnership Firm / Article of Association & Memorandum.

iv. Power of Attorney (For Partnership Firm / Private Limited Company, if any).

[N.B.: Failure of submission of any of the above mentioned documents as stated in Section A, 2(A) and 2(B) will render the tenderer liable to be rejected for both statutory & non statutory cover].

THE ABOVE STATED NON-STATUTORY / TECHNICAL DOCUMENTS SHOULD BE ARRANGED IN THE FOLLOWINGMANNER. Click the check boxes beside the necessary documents in the My Document list and then click the tab "Submit Non Statutory Documents' to send the selected documents to Non-Statutory folder. Next Click the tab "Click to Encrypt and upload" and then click the "Technical" Folder to upload the Technical Documents.

Sl. No.	Category	Name Sub-Category	Description Detail(s)
A.	Certificate(s)	Certificate(s)	PAN Income Tax Return (current) GST Registration Certificate Professional Tax payment certificate (current) Valid Trade License.
B.	Company Details	Company Details	Proprietorship Firm (Trade License) Partnership Firm (Partnership Deed , Trade License) LTD. Company (Incorporation Certificate, Trade License) Co-Operative Society(Society registration Certificate, Bye Laws, Upto Date Audited Balance Sheet) Power of Attorney(Registration)
C.	Credential	Credential	Having credential not less than 4 0% of the value of similar nature of work in a single contract during preceding 3 (Three) years

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Evaluation Committee constituted by the Competent Authority of Khardah Municipality will function as Evaluation Committee for selection of Technically Qualified Contractors.

4) Opening & evaluation of tender:

If any contractor is exempted from payment of EMD, copy of relevant Government Order needs to be furnished.

5) Opening of Technical Proposal:

i) Technical proposals will be opened by the Concerned Tender Inviting Authority or his authorized representative electronically from the website using their Digital Signature Certificate (DSC).

ii) Intending Tenderers may remain present if they so desire.

iii) Cover (folder) for Statutory Documents [Ref. Section A, 2(A)] will be opened first and if found in order, cover (folder) for Non-Statutory Documents [Ref. Section A, 2(B)] will be opened. If there is any deficiency in the Statutory Documents the tender will summarily be rejected.

iv) Decrypted (transformed into readable formats) documents of the non-statutory cover will be downloaded & handed over to the Tender Evaluation Committee.

v) Summary list of technically qualified tenderers will be uploaded online.

vi) Pursuant to scrutiny & decision of the Tender Evaluation Committee the summary list of eligible tenderers & the serial number of work for which their proposal will be considered will be uploaded in the web portals.

vii) During evaluation the committee may summon of the tenderers & seek clarification / information or additional documents or original hard copy of any of the documents already submitted & if these are not produced within the stipulated time frame, their proposals will be liable for rejection.

6) **Financial Proposal**

i) The financial proposal should contain the following documents in one cover (folder) i.e. Bill of Quantities (BOQ). The contractor is to quote the rate online through computer in the space marked for quoting rate in the BOQ.

ii) Only downloaded copies of the above documents are to be uploaded virus scanned & Digitally Signed by the contractor. Financial capacity of a bidder will be judged on the basis of information furnished by the Bidder.

7) **Penalty for suppression / distortion of facts:**

If any tenderer fails to produce the original hard copies of the documents like Completion Certificates and any other documents on demand of the Tender Evaluation Committee within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies, it may be treated as submission of false documents by the tenderer and action may be referred to the appropriate authority for prosecution as per relevant IT Act.

8) **Rejection of Bid:**

The tender accepting authority reserves the right to accept or reject any Bid and to cancel the Bidding processes and reject all Bids at any time prior to the award of Contract without thereby incurring any liability to the affected Bidder or Bidders or any obligation to inform the affected Bidder or Bidders of the ground for tender accepting authority's action.

9) **Award of Contract**

The Bidder whose Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter / Letter of Acceptance. The notification of award will constitute the formation of the Contract. The Agreement in Form No. 2906 will incorporate all agreements between the Tender Accepting Authority and the successful bidder. All the tender documents including N.I.T. & B.O.Q. will be the part of the contract documents. After receipt of Letter of Acceptance, the successful bidder shall have to submit

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FORM – I
SECTION – B
PRE-QUALIFICATION APPLICATION

To
The Chairman,
Khardah Municipality,
Khardah, North24P.G.S

Name of Work: .....
.....
.....
.....E- tender notice no:
.....S l. No:..... Dear Sir, Having examined the Statutory, Non-statutory & N.I.T. documents, I /we hereby submit all the necessary information and relevant documents for evaluation. The application is made by me / us on behalf .....of in the capacity.....duly authorized to submit the order. The necessary evidence admissible by law in respect of authority assigned to us on behalf of the group of firms for Application and for completion of the contract documents is attached herewith. We are interested in bidding for the work(s) given in Enclosure to this letter. We understand that: 1) Tender Inviting & Accepting Authority can amend the scope & value of the contract bid under this project. 2) Tender Inviting & Accepting Authority reserve the right to accept full or part of the tender or reject any/or all tender(s) and/or negotiate by way of revised and/or improved offer from all the tenderers for the concerned job. Also the Authority of Khardah Municipality reserves the right to withdraw full or part of the tender without assigning any reason whatsoever.

Enclosure(s): e-Filling -
1) Statutory Documents.
2) Non Statutory Documents.

Date : .....

Seal and Signature of the Tender

Assistant Engineer
Khardah Municipality

Chairman
Khardah Municipality

KHARDAH MUNICIPALITY

KHARDAH,24 PARGANAS (N)

ANNEXURE-1

Probable Estimated Cost (Based On West Bengal PWD Schedule Of Rates For Building Works Materials & Labor Effictive From 01-11-2017, Ammend With 15TH. Corrigenda & Addenda Dated 07-09-2022 For SOR Of PWD WB Effec. From 01-11-2017 , Vol -1) For Construction of Additional Class Room Of RAMAKRISHNA MISSION BOYS' HOME JUNIOR HIGH SCHOOL , RAHARA , PIN - 700118, At Mouja - Rahara, J.L No. - 03, At 18, Punnyananda Sarani, Ward No. - 10 , Under P.S. - Rahara & Municipality - Khardah , Dist.- North 24 Parganas , West Bengal.

NAME OF WORK :

Construction Of Additional Class Room at Ground Floor of RAMAKRISHNA MISSION BOYS' HOME Junior High

	Description of work							Qty.	Unit	Rate	Amount
1	page-1 , Item -1										
	Surface Dressing of the ground in any kind of soil including removing vegetation inequalities not exceeding 15 cm depth and disposal of the rubbish within a lead upto 75 m as directed										
		1	8.95	7.25		64.89	Sqm.	64.89	Sq.M	10.00	648.90
2	page-1 , Item -2										
	Earth work in excavation of foundation trenches or drains, in all sorts of soil										
	(a) Depth of excavation not exceeding 1,500 mm.										
	Colmn	8	2.1	2.1	1.2	42.336	Cum				
	forTie Beam- Through wall	1	31.914	0.25	0.2	6.383	Cum				
	Beam - Tie-Middle-front	1	7.933	0.25	0.2	1.587	Cum				
						48.719	Cum	48.719	% Cum	11927.00	5810.72
3	page-1 , Item -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.										
	(a) With earth obtained from excavation of foundation- 1/3 rd of above										
		48.719				16.24	Cum	16.24	% Cum	7754.00	1259.22
4	page-20 , Item -4 (5TH. CORRIGENDA & ADDENDA)										
	Filling in foundation or plinth by silver sand (B) by - fine sand										
	Ver	1	5.24	1.75	0.3	2.751	Cum				
	Hall	1	6.956	5.558	0.3	11.598	Cum				
						14.349	Cum	14.35	% Cum	93621.00	13433.68
5	page-14 , Item -1 (3rd corrigenda sl no. -1, Page -1)										
	Single Brick Flat Soling of picked jhama bricks including Ramming and dressing bed to proper level and filling joints with local sand										
	Colmn	8	2.1	2.1		35.280	Sqm				
	forTie Beam- Through wall	1	31.914	0.25		7.979	Sqm				
	Beam - Tie-Middle	1	7.933	0.25		1.983	Sqm				
	Ver	1	5.24	1.75		9.170	Sqm				
	Hall	1	6.956	5.558		38.661	Sqm				
						93.073	Sqm	93.07	Sq.M	361.00	33599.35
6	(B) page-24 , Item -4, (3rd corrigenda sl no. -27, Page -10.)										
	Ordinary Cement concrete (mix 1:2:4) with well graded stone chips (20 mm graded nominal size) excluding shuttering and										
	In Ground Floor - (i)Pakur Variety										
	Colmn	8	2.1	2.1	0.075	2.646	Sqm				
	forTie Beam- Through wall	1	31.914	0.25	0.075	0.598	Sqm				
	Beam - Tie-Middle	1	7.933	0.25	0.075	0.149	Sqm				
	Ver	1	5.24	1.75	0.075	0.688	Sqm				
	Hall	1	6.956	5.558	0.075	2.900	Sqm				
						6.980	Sqm	6.98	Cu.M.	5401.64	37703.45

Rate Analysis for cement Concrete 1:2:4

(A).Rate of item of relevant section of this schedule = Rs. 4060.00

(B).Add cost of stone aggricate of different grading as per consumpsion required for One Cum of concrete (for Barrackpore Railway yard)

20mm nominal size = 0.66 @ Rs. 1375.00 = Rs. 907.50

10mm nominal size = 0.22 @ Rs. 1244.00 = Rs. 273.68
Total = Rs. 1181.18
(C).Add cost of Carriage stone aggricate of different grading as per consumpsion required for One Cum of concrete (Any distance Upto 5 Km for Road transport)
20mm nominal size = 0.66 cum @ Rs. 124.00 / Cum = Rs. 81.84
10mm nominal size = 0.22 cum @ Rs. 124/ Cum = Rs. 27.28
Total = Rs. 109.12
(D).Add cost for loading & unloading stone aggricate as per consumpsion required for One Cum of concrete (By Manual Means for 0.88 cum @ Rs. 58.00 / Cum = Rs. 51.04
Total Cost = (A)+(B)+(C)+(D) = Rs. 5401.34

7	Page-25 , Item -6 (i), (3rd corrigenda sl no. -29, Page -11)										
	Controlled Cement concrete with well graded stone chips (20 mm graded nominal size) excluding shuttering and reinforcement with complete design of concrete as per IS : 456 and relevant special publications, submission of job mix formula after preliminary mix design after testing of concrete cubes as per direction of Engineer-in charge. Consumption of cement will not be less than 300 Kg of cement with Super plasticiser per cubic meter of controlled concrete but actual consumption will be determined on the basis of preliminary test and job mix foumula. In ground floor and foundation. [using concrete mixture]										
	(b) M 25 Grade										
	(i)Pakur Variety, in Ground floor-										
	Foot - Trapez	8		0.48	0.3	1.152	Cum				
	Colmn - Below Tie	8	0.6	0.35	0.5	0.840	Cum				
	Colmn	8	4.45	0.25	0.4	3.560	Cum				
	Lintel - ver	1	13	0.25	0.2	0.650	Cum				
	Lintel - Othr	4	1.8	0.25	0.2	0.360	Cum				
	Beam - Ver	1	3.7	0.25	0.4	0.370	Cum				
	Beam - Wall	1	31.914	0.25	0.4	3.191	Cum				
	Beam - Middle- portion	1	7.993	0.25	0.4	0.799	Cum				
	forTie Beam- Through wall	1	31.914	0.25	0.4	3.191	Cum				
	Beam - Tie-Middle	1	7.933	0.25	0.4	0.793	Cum				
	Sunshade	4	1.8	0.6	0.07	0.302	Cum				
	Slab -	1		54.76	0.125	6.845	Cum				
	Cantilever Slab	1	5.5	1	0.11	0.605	Cum				
						22.6598	Cum	22.66	Cu.M.	6448.70	146126.25
	Rate Analysis for cement Concrete 1:1:2										
	(A).Rate of item of relevant section of this schedule = Rs. 5095.00										
	(B).Add cost of stone aggricate of different grading as per consumpsion required for One Cum of concrete (for Barrackpore Railway yard)										
	20mm nominal size = 0.54 @ Rs. 1375.00 = Rs. 742.50										
	10mm nominal size = 0.36 @ Rs. 1244.00 = Rs. 447.84										
	Total = Rs. 1190.34										
	(C).Add cost of Carriage stone aggricate of different grading as per consumpsion required for One Cum of concrete (Any distance Upto 5 Km for Road transport)										
	20mm nominal size = 0.54 cum @ Rs. 124.00 / Cum = Rs. 66.96										
	10mm nominal size = 0.36 cum @ Rs. 124/ Cum = Rs. 44.64										
	Total = Rs. 111.16										
	(D).Add cost for loading & unloading stone aggricate as per consumpsion required for One Cum of concrete (By Manual Means for 0.9 cum @ Rs. 58.00 / Cum = Rs. 51.04										
	Total Cost = (A)+(B)+(C)+(D) = Rs. 6448.70										
8	page-42 , Item -36 (a).										
	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 thick wooden shuttering as per decision &										
	Colmn - Below Tie	8	0.5	1.9		7.600	Sqm				
	Colmn	8	4.45	1.3		46.280	Sqm				
	Lintel - ver	1	13	0.4		5.200	Sqm				
	Lintel - Othr	4	1.8	0.4		2.880	Sqm				
	Beam - Ver	1	3.7	1.05		3.885	Sqm				
	Beam - Middle-front portion	1	5.808	1.05		6.098	Sqm				
	Beam - Wall	1	31.914	1.05		33.510	Sqm				
	Beam - Tie-wall	1	31.914	0.8		25.531	Sqm				

	Beam - Tie-Middle-front	1	5.808	0.8		4.646	Sqm					
	Beam - Tie-ver	1	3.7	0.8		2.960	Sqm					
	slab	1		54.76		54.760	Sqm					
	slab - cantl	1	6	1.2		7.200	Sqm					
	Sunshade - window	4	1.95	0.675		5.265	Sqm					
						205.82	Sqm	205.82	Sq.m	335.00	68949.70
9	page-43 , Item -40, (10 TH corrigenda & ADDENDA sl no. -1,)											
	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											
	a) For works in foundation, basement and upto roof of ground floor/upto 4 m											
	(i) Tor steel/Mild Steel											
	I. SAIL/ TATA/RINL	in ground floor										
	Foot - Trapez	8		0.48	0.3	1.152	72.35					
	Colmn - Below Tie	8	0.6	0.35	0.5	0.840	197.82					
	Colmn	8	4.45	0.25	0.4	3.560	838.38					
	Lintel - ver	1	13	0.25	0.2	0.650	91.85					
	Lintel - Othr	4	1.8	0.25	0.2	0.360	50.87					
	Beam - Ver	3	3.7	0.25	0.4	1.110	156.84					
	Beam - Middle-front portion	3	5.808	0.25	0.4	1.742	246.20					
	Beam - Wall	1	31.914	0.25	0.4	3.191	450.94					
	Beam - Tie-wall	1	31.914	0.25	0.4	3.191	450.94					
	Beam - Tie-Middle-front	1	5.808	0.25	0.4	0.581	82.07					
	Beam - Tie-ver	1	3.7	0.25	0.4	0.370	52.28					
	slab	1	54.76		0.125	6.845	429.87					
	slab - cantl	1	3.46	6.06	0.125	2.621	164.60					
	Sunshade - door / window	4	1.8	0.6	0.08	0.346	21.70					
							3306.71	3.31	M.T	82709.00	273494.68	
	Analysis og Rate for Reinforcing steel supplied by Contractor (10TH. CORRIGENDA & ADDENDA)											
	(A) PAGE 43, ITEM SL NO -1,											
	Rate of item as per relevant section of this schedule - Rs. 60,580.00											
	(B).Deduct issue rate for respective quality (page 304 of SOR wef 01.11.2017											
	= Rs.38160x1.05 = Rs. 40068.00 (-) (Steel supplied by Contractor)											
	(C). Add basic Rate of outletof respective quality steel = Rs. 61,500.00											
	(D).Add contractors profit @10% of basic rates = Rs. 615.00											
	(E)Add cost of carriage from outlet to site (for up to 5 KM over pucca road) = Rs. 82.00											
	Total Cost = (A)-(B)+(C)+(D)+(E) = Rs. 82,709.00											
10	page-15 , Item -7, (3rd corrigenda sl no. -3, Page -1)											
	Brick work with 1st class bricks in cement mortar (1:4)											
	a), (i) In foundation and plinth											
	wall	1	31.914	0.25	0.45	3.590	Cum					
	Less for Column	8	0.25	0.25	0.4	0.800	Cum					
						2.790	Cum	2.79	Cu.M.	5682.00	15852.78	
	(a), (ii) In Super structure, ground floor.											
	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor											
	Total Deductions	1	31.914	0.25	3.6	28.723	Cum					
	17											
	Door Open	1	1.2	0.25	2.1	0.630	Cum					
	front entryDoor	1	1.8	0.25	2.1	0.945	Sqm					
	Window	4	1.5	0.25	1.2	1.800	Cum					
	verand - grill	1	2.7	0.25	1.2	0.810	Cum					
	Lintel - ver	1	13	0.25	0.2	0.650	Cum					
	Lintel - Othr	4	1.8	0.25	0.2	0.360	Cum					
	Beam - Ver	1	0.25	0.25	0.4	0.025	Cum					
	Beam - Middle-front portion	2	0.25	0.25	0.4	0.050	Cum					
	Beam - Wall	1	31.914	0.25	0.4	3.191	Cum					
						8.461	Cum					
						20.261	Cum	20.26	Cum	5905.00	119641.21	

11	page-47 , Item -1, (3rd corrigenda sl no. -3, Page -1)											
	25mm. thick damp proof course with cement concrete with stone chips (1:1.5:3) [with graded stone aggregate 10 mm nominal size] and admixture of water proofing compound as per manufacturer's specification followed by two coat of polymer based paint, (1st coat after 4 to 5 days of concrete laying and 2 nd coat just before brick masonry work) as directed (cost of water proofing compound & polymer based paint to be paid separately) (Chequering not required over concrete or painted [Note: - Waterproofing as per item 9, polymer based paint as per item 8 (a) of subhead C of Section (C).											
	wall	1	31.914	0.125		**3.99**	sqm	3.99	Sq.m	186.00	742.14
12	page-47 , Item -6, (3rd corrigenda sl no. -4, page -23)											
	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.											
	In ground floor.											
	3 mm. thick topping (High polishing grinding on this item is not permitted with ordinary cement). Using grey cement											
	, (iii) 35 mm. thick											
	floor- hall	1	6.7	5.558		37.239	sqm					
	Ver	1	5.24	1.75		9.170	sqm					
						37.239	**sqm**	37.24	Sq.m	337.00	12549.54	
13	page -189, Item No -1, (3rd corrigenda sl no. -1, page -50)											
	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]											
	(ii) With 1:4 cement mortar											
	(ii) Internal plaster											
	(a) 20 mm thick plaster in ground floor											
	Wall	1	31.914		3.6	114.890	Sqm					
	Total Deductions	8	0.6	0.35	0.5	0.84	Sqm					
	Wooden Door	1	1.2		2	2.400	Sqm					
	Window	5	1.5		1.2	9.000	Sqm					
	verand - grill	1	2.7		1.2	3.240	Sqm					
		1	1.5		1.2	1.800	Sqm					
						16.440	Sqm					
				50% of 36.24		8.220	Sqm					
					Total=	106.670	Sqm	106.67	Sq.m	194.00	20693.98	
	Plaster Concrete Surface - 10 mm / internal											
	Beam - Ver	1	3.7	1.05		3.885	Sqm					
	Beam - Middle-front portion	1	5.808	1.05		6.098	Sqm					
	Beam - Wall	1	31.914	0.4		12.766	Sqm					
	slab - front	1	5.55	6.7		37.185	Sqm					
	slab - Ver,	1	1.75	5.24		9.170	Sqm					
						69.10	Sqm	69.10	Sq.m	133.00	9190.30	
	Plaster-15mm / External											
	Wall	1	31.914		4.05	129.252	Sqm					
	Total Deductions											
	17											
	Wooden Door	1	1.2		2	2.400	Sqm					
	Window	5	1.5		1.2	9.000	Sqm					
	verand - grill	1	2.7		1.2	3.240	Sqm					
		1	1.5		1.2	1.800	Sqm					
						16.440	Sqm					
				50% of 27.84		8.220	Sqm					
					Total=	121.032	Sqm	121.03	Sq.m	167.00	20212.34	
	Plaster-10 mm / External											
	Sunshade-ver	1	8.585	1.35		11.590	Sqm					
	Sunshade - window	4	1.95	1.35		10.530	Sqm					
	Sunshade - ver	1	8.51	1.35		11.489	sqm					
	Slab Cantl	1	5.42	1		33.61	Sqm					
						67.217	Sqm	67.22	Sq.m	133.00	8939.86	
14	page -192, Item No -15, (3rd corrigenda sl no. -1, page -50)											
	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc.											

	Wall	1	31.594		0.6	18.956						
	Sunshade-ver	1	8.585	0.6		5.151						
	Sunshade - window	5	1.8	0.6		5.400						
	Sunshade - ver	1	8.51	0.6		5.106						
	Sunshade - Door	1	1.5	0.6		0.900						
	Window sills	5	1.5	0.4		3.000						
15	page -114, Item No -1					**38.5134**	Sqm	38.51	Sq.m	34.00	1309.46	
	(A) Wood work in door & window frame fitted and fixed complete											
	(c) Sal : Siliguri											
	Door	1	0.1	0.075	2.1	**0.016**	Cum	0.02	Cu.M	98112.00	1569.79	
16	page -140, Item No -4											
	M.S. clamps for door and window frame made of flat bent bar, end bifurcated with necessary screws etc. In cement concrete(1:2:4) including cutting of brick work/concrete work as per direction.											
	(c) 40mm X 6mm, 125mm Length											
17	page -140, Item No -5 , (viii).							6.00	Each	29.00	174.00	
	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark											
	(viii) 100mm. X 75mm. X 3.50mm							6.00	Each	29.00	174.00	
18	page -141, Item No -7											
	Iron catch hook of approved quality fitted and fixed to shutter and chowkat											
	(b) 6mm dia x 225mm long							2.00	Each	64.00	128.00	
19	page -141, Item No -8											
	Iron socket bolt of approved quality fitted and fixed complete											
	(d) 225mm long x 10mm dia bolt.							4.00	Each	77.00	308.00	
20	page -142, Item No -10, (i), ©											
	i) Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round											
	(c) 300mm long.							1.00	Each	166.00	166.00	
21	page -146, Item No -30, (a),											
	anodised aluminium D type handle											
	(vii) 150mm grip x 12 mmdia rod							4.00	Each	111.00	444.00	
22	page -117, Item No -1, (section B)											
	Panel shutters of door and window, as per design (each panel consisting of single plank without joint), including fitting and fixing the same in position but excluding the cost of hinge and other fittings.											
	In ground floor											
	(ii) 40mm thick shutters with 19mm thick panel of size 30 to 45 cm.											
	(a) ordinary teak wood											
	Door	1	1.07		1.94	**2.076**	Sqm	2.08	Sq.m	4542.00	9429.19	
23	page -106, Item No -18											
	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.											
	Door front	1	1.8		2.1	**3.780**	**Sqm**	3.78	Sq.m.	3462.00	13086.36	
24	page -104, Item No -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.											
	(ii) Grill weighing above 10 kg/ sqm and upto 16 Kg./sq.mtr .											
	Window	5	1.36		1.1	7.480	Sqm					
	verand - grill	1	2.7		1.2	3.240	Sqm					
		1	1.5		1.2	1.800	Sqm					
25	page -195, Item No -7					**12.52**	**Sqm**	12.52	Qntl	7238.00	90619.76	
	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or cencrete surface old or new surface to											

	receive Distemper/ Acrylic 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 - i) Water based interior grade Acrylic Primer											
	(ii) Internal plaster 20 mm					106.7	Sqm					
	(c) 10 mm thick plaster					69.1	Sqm					
26	page -197, Item No -17					175.8	Sqm	175.80	%Sq.M	3080.00	5414.64	
	Protective and Decorative Emulsion Paint of approved quality											
	(iii) Super protective (100% acrylic emulsion)											
	In Ground Floor: (Two Coates)				1	175.8		175.80	Sq.M	97.00	17052.60	
27	page -197, Item No -16.											
	Protective and Decorative Textured exterior high class matt finish paint of approved quality, composed of special Tharmoplastic Resin containing fine crystalline additives derive from Granite as per manufacturer's specification and as per direction of EIC 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											
	(ii) External plaster 15 mm					121.032	Sqm					
	(c) 10 mm thick plaster					67.217	Sqm					
28	page -200, Item No -1					188.249	Sqm	188.25	Sq.m	101.00	19013.15	
	(a) Priming one coat on timber or plastered surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc											
	(ii) External plaster 15 mm					121.032	Sqm					
	(c) 10 mm thick plaster					67.217	Sqm					
						188.249	Sqm	188.249	Sq.m	38	7153.462	
	(b) Priming one coat on steel or other metal surface with synthetic oil											
	Oil bound primer of approved quality including smoothening surfaces by sand papering etc.											
	Primer-Wood- Metal Enamel											
	Door	2.6	1.2		2	6.240	Sqm	6.24	Sq.m	38.00	237.12	
	Primer-Steel surface- Metal Enamel											
	Grill- window	8	1.5		1.2	14.400	Sqm					
	verand - grill	1.6	2.7		1.2	5.184	Sqm					
		1.6	1.5		1.2	2.880	Sqm					
	collapsible Gate	1.5	1.8		2.1	5.670	Sqm					
29	page -201, Item No -2					28.134	Sqm	28.13	Sq.m	29.00	815.89	
	(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)											
	Door	2.6	1.2		2	6.240	Sqm	6.24	Sq.m	81.00	505.44	
	(b) On steel or other metal surface : With super gloss (hi-gloss) - (iv) Two coats (with any shade except white)											
30	page -192, Item No -1, Section B.							28.13	Sq.m	72.00	2025.65	
	Labour for Chipping of concrete surface before taking up Plastering work.											
	Colmn	10	3.2	0.4		12.800	Sqm					
	Lintel - ver	2	13	0.2		5.200	Sqm					
	Lintel - Othr	10	1.8	0.2		3.600	Sqm					
	Beam - Ver	2	3.7	1.05		7.770	Sqm					
	Beam - Middle-front	2	5.808	1.05		12.197	Sqm					
	Beam - Wall	2	31.914	0.4		25.531	Sqm					
	Slab Cantl	1	5.42	1		45.50	Sqm					
	slab - Ver	1	3.46	6.06		20.968	Sqm					
	Sunshade-ver	1	8.585	1.35		11.590	Sqm					
	Sunshade - window	5	1.95	1.35		13.163	Sqm					
	slab - front	1	5.55	6.7		37.185	Sqm					
	slab - Ver	1	1.75	5.24		9.170	Sqm					

31	page -233, Item No -1,					204.671	Sqm	204.67	Sq.m	21.00	4298.09
	Supplying profiles of required section made of Aluminium Alloy Extrusions conforming to IS: 732-1983 and IS: 1285- 1975; Annodized (with required film thickness and specified colour / natural) matt finished conforming to IS: 1868-1983 for fabrication of composit door, sliding & casement windows, partitions, formed of basic sections of any ISI embossed / certified make and brand as per direction of Engineer - In Charge. (Payment will be made on finished length of the work).										
	(A) In 10-12 Micron thickness Annodizing film										
	I) Natural white										
	b) 3- track sliding window										
	i) Bottom frame	5	1.36			6.800	Rm	6.8	Rm	311	2114.80
	ii) Top and side frame	5	1.36			6.800	Rm				
		10	1.1			11.000	Rm				
						17.800	Rm	17.8	Rm	270	4806.00
	d) Shutter for all track sliding window.										
	(i) Bottom and top member	10	1.435			14.350	Rm	17.8	Rm	117	2082.60
	(ii) side and side member	10	1.1			11.000	Rm	17.8	Rm	119	2118.20
	(i) interlock member	20	1.1			22.000	Rm	17.8	Rm	148	2634.40
	page -242, Item No -6,										
	Supplying PVC rollers for sliding windows as per direction of Engineer in charge.										
		5	6			30.000	Each	30	Each	14	420.00
	page -242, Item No -7,										
	Supplying maruti lock (100mm)	5	6			30.000	Pair	15	Each	46	690.00
	page -242, Item No -8,										
	Supplying EPDM gusket of approved make and brand as per direction of Engineer in charge.										
	i) For sliding windows										
	a) 'T' shaped EPDM gasket for frames.	5	29.52			147.600	Metre	147.6	Metre	13	1918.80
	(b) 'U' shaped EPDM gasket	30	1.1			33.000	Metre	33	Metre	15	495.00
	page -243, Item No -9,										
	Supplying bubble free float glass of approved make and brand conforming to IS: 2835-1987.										
	i) 4mm thick clear glass.	5	1.36	1.1		6.800	Sq.M	6.8	Sq.M	398	2706.40
	page -249, Item No -23,										
	Labour charge for fabrication and installation of structural Glazing/Curtain Wall made from annodized extruded allooy aluminium sections for the following units:-										
	Structural Glazing made of extruded and annodized alloy aluminium sections, fabrications including cutting to proper shape and size, drilling including cost of brackets, fastener bolt, mullion bolt, nuts & washers, maskin tape, double side adhesieve crosslink foam (used for guard of glazed silicon on sub-frame), tissue paper foam (used as filler between sub-frame and under backing of weather silicon), screws and other necessary hardwares, fixing of glass as per drawing, specification and direction of Engineer-in-Charge. (The rate includes hire charges of all tools and plants, including all incidental charges, adhesieve, joiners such as screw,cleate angle,etc. but excluded the cost of extruded aluminium sections, glass, glazed silicon, weather silicon etc.)										
	Shutter - Window	5	1.36	1.1		7.480	Sq.M	7.48	Sq.M	398	2977.04
32	page -212, Item No -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										
	A) UPVC Pipes:										
	(ii) 110 mm. Dia.										
	a) Plain Tee							8	Metre	251	2008.00
	(ii) 110 mm. Dia.										
	d) Shoe							2	Nos	172	344.00
	(ii) 110 mm. Dia.										
								2	Nos	111	222.00
	Abstract of Cost -										
	NAME OF WORK :										**988309.93**
	Construction Of Additional Class Room at Ground Floor of RAMAKRISHNA MISSION BOYS' HOME Junior High School ,										
1	Cost For Building Works -										
2	Cost for Sanitary & Plumbing Works @ 0% of the SL No. -1.								Total		988309.93
3	Cost for Electrification Works @ 0% of the Sl No - 1										
4	Sub Total Cost (1+2+3)										988309.93

5	*GST as applicable On SL No. -4 @ 18% of SL No. -4*	*177895.79*
6	*Cost of civil works excluding labour welfare cess (4+5).*	*1166205.72*
7	*Add @1%as Labour Welfare Cess On SL No. 6*	*11,662.06*
8	*Cost of civil works including labour welfare cess (6+7)*	*11,77,867.78*
9	*Contingency charge @3% on SL. No. 6*	-
10	*Grand Total of the Project*	***1177867.78***

Rupees ELEVEN LAKH SEVENTY SEVEN THOUSAND NINE HUNDRED Only. *Say Rs. 11,77,900.00*

ASSISTANT ENGINEER
KHARDAH MUNICIPALITY

CHAIRMAN
KHARDAH MUNICIPALITY