



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

Notice Inviting e-Tender

Memo. No. : KDHM/19/PWD/24-25

Date: 03.09.2024

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 Protective wall & Plain Cement Concrete Road at Javedh house to Moti house goli at GC Road & Tinku house to Jakir house in Ward no -01 under Khardah Municipality. (As per Annexure-1)	628730.00	12575.00	15 th Finance	KDHM/19/PWD/01/24-25	1500.00
2	Proposed Plain Construction of Cement Concrete Road & Drain at Nabab Hussion house to Md Sultan House & Naushad Alam House Goli at Muslim para in Ward no -02 under Khardah Municipality. (As per Annexure-2)	285093.00	5702.00	15 th Finance	KDHM/19/PWD/02/24-25	600.00
3	Proposed Plain Construction of Cement Concrete Road at Santosh Paul house to Krishna Oran House & Gouranga saha house to Sanatan house at LP colony in Ward no -02 under Khardah Municipality. (As per Annexure-3)	430190.00	8604.00	15 th Finance	KDHM/19/PWD/03/24-25	1000.00
4	Proposed Plain Construction of Cement Concrete Road at Sanghashree Durga pujo mondop to Arun Ratan house in Ward no -04 under Khardah Municipality. (As per Annexure-4)	748731.00	14975.00	15 th Finance	KDHM/19/PWD/04//24-25	2000.00



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5	Proposed Plain Construction of Cement Concrete Road at Saibon Road to Madaripur Road in Ward no -05 under Khardah Municipality. (As per Annexure-5)	417696.00	8354.00	15 th Finance	KDHM/19/PWD/05/24-25	1000.00
6	Proposed Plain Construction of Cement Concrete Road at Hind Park Road in Ward no -05 under Khardah Municipality. (As per Annexure-6)	358018.00	7160.00	15 th Finance	KDHM/19/PWD/06/24-25	800.00
7	Proposed Plain Construction of Cement Concrete Road at Binai Paul House to Nikhil Saha Gola in Ward no -06 under Khardah Municipality. (As per Annexure-7)	359205.00	7184.00	15 th Finance	KDHM/19/PWD/07/24-25	800.00
8	Proposed Plain Construction of Cement Concrete Road at Ram Hari Biswas Ghat Road (By lane) & at P.K Biswas Road H/O Pandit to Tilak Chabi Das house in Ward no -15 under Khardah Municipality. (As per Annexure-8)	366487.00	7330.00	15 th Finance	KDHM/19/PWD/08/24-25	800.00

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:



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- 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/PRI, 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 come back to the e-Procurement portal after expiry of a reasonable time to enable the NEFT/RTGS process to complete, in order to verify the payment made and continue the bidding process.
- iv. If verification is successful, the fund will get credit to the respective pooling account of the state Government/PSU/Autonomous Body/Local Body/PRI, 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 Process of the same by the tender inviting authority through electronic Processing 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 ICICI 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 refund will take place within T+2 Bank Working Days where T will mean the date on 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 L1 and L2 bidders 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 L1 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 within T+2 Bank Working Days where T will mean the date on which information on Award of Contract (AOC) to the L1 bidder is uploaded to the e-Procurement portal by the tender inviting authority.
- v) As soon as the L1 bidder is awarded the contract (AOC) and the same is processed electronically in the eProcurement portal – a) EMD of the L1 bidder for tender of State



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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 LI bidder.

b) EMD of the LI bidder for tenders of the State PSUs/Autonomous Bodies/Local Bodies/PRIs, etc will automatically get transferred from the pooling account to their respective inked bank accounts along with the bank particulars of the LI 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 the 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 LI 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/PRIs, 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:

i. The ICICI Internet Banking will communicate to the State Government e-Procurement portal all details

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 Fees 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 and 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 along with up-to-date copy of challan, 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.



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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)	04.09.2024 (12.00 hours)
2	Documents download start date (Online)	04.09.2024 (12.00 hours)
3	Documents download - end date (Online)	18.09.2024 (15:00 hours)
4	Bid submission start date (Online)	04.09.2024 (12.00 hours)
5	Bid Submission closing (Online)	18.09.2024 (15:00 hours)
6	Bid opening date for Technical Proposals (Online)	20.09.2024 (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 – 'A' before tendering the bids.

8) Conditional / Incomplete tender will not be accepted under any circumstances.

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.



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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 Bid. In case quoting any rate in Municipal Tender Form, the tender is liable to be summarily rejected.)

(B) Non-statutory Cover containing the following documents:

i. Pan Card, GST Registration Certificate along with copy of up-to-date Challan, 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 FOLLOWING MANNER. 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.



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<u>Sl. No.</u>	<u>Category</u>	<u>Name Sub-Category</u>	<u>Description Detail(s)</u>
A.	Certificate(s)	Certificate(s)	PAN Income Tax Return (current) GST Registration Certificate along with up to date copy of challan. 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 40% of the value of similar nature of work in a single contract during preceding 3 (Three) years

3) Tender Evaluation Committee (TEC)

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.



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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 I. No:.....

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 behalfof 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

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ANNEXURE-1

KHARDAH, 24-PARGANAS (NORTH)

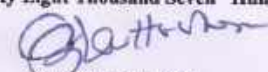
Name of Work :- Construction of Protective wall & Plain Cement Concrete Road at Javedh house to Moti house goli at GC Road & Tinku house to Jakir house in Ward no -01 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 1 X 25.00 m x 0.55 m x 1.80 m = 24.75 cum 2 X 45.00 m x 0.55 m x 0.30 m = 14.85 cum 39.60 cum	39.60		cum	11927.00 4723.09
2	Page 34 Item 22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor (A) [Pakur Variety] 1:3:6 proportion (a) 1 x 25.00 m x 0.55 m x 0.08 m = 1.03 cum 2 x 45.00 m x 0.25 m x 0.08 m = 1.69 cum 2.72 cum	2.72		cum	5376.00 14616.00
3	Page - 15 / It - 8(a)	Brick work with 1st class bricks in cement mortar (1:6) In foundation and plinth (a) 1 x 25.00 m x 0.500 m x 0.20 m = 2.50 cum 1 x 25.00 m x 0.375 m x 0.20 m = 1.88 cum 1 x 25.00 m x 0.25 m x 1.40 m = 8.75 cum 2 x 45.00 m x 0.25 m x 0.20 m = 4.50 cum 17.63 cum	17.63		cum	5413.00 95404.13
4	Page - 1 Item - 3(a)	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. 1/5 Th of Earth Work in Excavation = 7.92 cum	7.92		cum	7754.00 614.12
5	Page - 2 Item - 4(a)	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) 1 x 25.00 m x 1.70 m x 0.600 m = 25.50 cu.m 25.50 cu.m	25.50		cu.m	93621.00 23873.36
6	Page - 189 Item 1(ii)⊙	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] (i) With 1:6 cement mortar. mm thick plaster (c) 15	75.00		sqm	151.00 11325.00
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m. = 75.00 sqm	75.00		sqm	34.00 2550.00
8	Page 47 Item - 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. 1 x 25.00 m x 1.70 m = 42.50 sqm 1 x 45.00 m x 2.00 m = 90.00 sqm = 132.50 sqm	132.50		sqm	24.00 3180.00

9	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured)						
		2 x 25.00 m x 0.10 m = 5.00 sqm						
		2 x 45.00 m x 0.10 m = 9.00 sqm						
		14.00 sqm	14.00 sqm		335.00 sqm			4690.00
10	Page 41 Item - 33	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Pakur variety (Rate as per Annalysis Submitted)						
		1 x 25.00 m x 1.70 m x 0.100 m = 4.25 Cum						
		1 x 45.00 m x 2.00 m x 0.100 m = 9.00 Cum						
		13.25 Cum	13.25 Cum		5952.42 cum			78869.57
		TOTAL COST					RS	239845.25
11	It-18.18, P-Roads	Supplying Eucaliptus Bullah piles at work site, including dressing and making one end pointed						
		i) 200mm diameter	163.20 mtr		305.00 mtr			49776.00
		ii) 175 mm diameter	30.00 mtr		267.00 mtr			8010.00
		Diameter of pile to be measured at a distance of 1.5 meter from the thicker end						
12	It-18.17, p-324	Labour for driving Eucaliptus bullah Eucalyptus bullah piles by monkey in sorts of soil including hoisting and placing piles in position protection the pile head with iron ring and cutting and shaping heads before and after driving and including hire and labour for necessary driving appliances and all tackles.						
		i) 200 mm diameter	70.72 mtr		305.00 mtr			21569.60
13		Payment to be made on the length driven into the ground. Diameter of the pile to be measured at 1.5 meter from the thicker end.						
14	5. It-18.41, p-328	Labour charge for fixing of half-split Eucaliptus bullah ties and runners in three raws as per drawing including cost of nuts & bolts required complete as per direction of EIC.	30.00 mtr		20.60 mtr			618.00
15	5. It-18.27, p-325	Coal tarring on wooden surfaces including cost of materials single coat						
		a) Single coat	102.58 sqm		22.00 sqm			2256.76
16	18.28, p-325	Supply empty cement bags in good condition						
		Filling empty cement bags Total 36.00 m3 sand 0.032 m3 per bag.	1125.00 %nos		330.00 %nos			3712.50
17	It-18.29, p-325	Filling empty cement bags with dry earth or sand stitching the bag (cost of thread included and carrying and placing them in position and all incidental charge complete but excluding cost of sand and gunnybags)						
		Filling empty cement bags Total 36.00 m3 sand 0.032 m3 per bag.	1125.00 %nos		350.00 %nos			3937.50
18	18.29, p-325	Supply of Silver Sand and Stacked at site						
		10 x 2.00 x 1.80 = 36.00	36.00 cum		700.00 cum			25200.00
							10 MTR COST	115080.36
							PER RMT	11508.04
							25.00RMT Cost	287700.90
							Total Amount	527546.15
							GST 18%	94958.31
							Cost of civil works excluding labour welfare cess	622504.46
							1% Cess	6225.04
							Total Rs	628729.51
							Say Rs	628730.00

Rupees Six Lakhs Twenty Eight Thousand Seven Hundred & Thirty Only


Assistant Engineer
Khardah Municipality


Chairman
Khardah Municipality

KHARDAH MUNICIPALITY

KHARDAH, 24-PARGANAS (NORTH)

ANNEXURE-2

Name of Work : - Proposed Plain Construction of Cement Concrete Road & Drain at Nabab Hussion house to Md Sultan House & Naushad Alam House Goli at Muslim para in Ward no -02 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017.

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 1 X 43.00 m x 0.75 m x 0.58 m = 18.54 cum 1 X 29.00 m x 0.30 m x 0.30 m = 2.61 cum = 21.15 cum				
2	PAGE NO-14 ITEM NO-1	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. 1 x 43.00 m x 0.75 m = 32.25 sqm 1 x 29.00 m x 0.30 m = 8.7 sqm = 40.95 sqm	21.15	11927.00	cum	%Cum 2523.01
3	Page 34 Item 22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm-size excluding shuttering) In ground floor (A) [Pakur Variety] 1:3:6 proportion (a) 1 x 43.00 m x 0.75 m x 0.10 m = 3.23 cum 2 x 29.00 m x 0.30 m x 0.10 m = 1.74 cum = 4.97 cum	40.95	361.00	sqm	14782.95
4	Page - 15 / It - 8(a)	Brick work with 1st class bricks in cement mortar (1:6) In foundation and plinth (a) 1 x 43.00 m x 0.25 m x 0.50 m = 5.38 cum 2 x 29.00 m x 0.25 m x 0.20 m = 2.90 cum = 8.28 cum	4.97	5376.00	cum	cum 26691.84
4	Page - 1 Item - 3(a)	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) With earth obtained from excavation of foundation. (a) 1/5 Th of Earth Work in Excavation = 4.23 cum	8.28	5413.00	cum	cum 44792.58
5	Page - 2 Item - 4(a)	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) 1 x 43.00 m x 3.20 m x 0.125 m = 17.20 cu.m 1 x 29.00 m x 1.80 m x 0.125 m = 6.53 cu.m = 23.73 cu.m	4.23	7754.00	cum	%Cum 328.05
6	Page- 189 Item 1(ii)D	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. (i) mm thick plaster (c) 15	23.73	93621.00	cu.m	%cu.m 22211.58
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE: Cement 0.152 cu.m per 100 sq.m. = 51.90 sqm	51.90	151.00	sqm	sqm 7836.90
			51.90	34.00	sqm	1764.60

8	Page 47 Item - 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. 1 x 43.00 m x 3.20 m = 137.60 sqm 1 x 29.00 m x 1.80 m = 52.20 sqm = 189.80 sqm	189.80	sqm	24.00	sqm	4555.20
9	42 S&P) P-2, IT-1	Supplying fitting, fixing G.I. pipes of TATA make with all necessary accessories specials viz. socket bend tee union cross elbow nipple long screw reducing socket reducing tee short piece etc fitted with holder bats clamps including cutting pipes making threads fitting fixing etc complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (A) For Exposed Work (b)(ii) 20 mm dia. medium quality = 29.00 mtr	29.00	mtr	226.00	mtr	6554.00
10	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured) 1 x 43.00 m x 0.10 m = 4.30 sqm 1 x 29.00 m x 0.10 m = 2.90 sqm 7.20 sqm	7.20	sqm	335.00	sqm	2412.00
11	Page 41 Item - 33	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes Pakur variety (Rate as per Annalysis Submitted) 1 x 43.00 m x 3.20 m x 0.100 m = 13.76 Cum 1 x 29.00 m x 1.80 m x 0.100 m = 5.22 Cum 18.98 Cum	18.98	Cum	5519.46	cum	104759.35

Total Amount 239212.06

GST 18% 43058.17

Cost of civil works excluding labour welfare cess 282270.23

1% Cess 2822.70

Total Rs 285092.93

Say Rs 285093.00

Rupees Two Lakh Eighty Five Thousand & Ninety Three Only

Sub-Assistant Engineer
Khardah Municipality

Assistant Engineer
Khardah Municipality

Chairman
Khardah Municipality

KHARDAH MUNICIPALITY

KHARDAH, 24-PARGANAS (NORTH)

ANNEXURE-3

Name of Work :- Proposed Plain Construction of Cement Concrete Road at Santosh Paul house to Krishna Oran House & Gouranga saha house to Sanatan house at LP colony in Ward no -02 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 2 X 35.00 m x 0.25 m x 0.40 m = 7.00 cum 2 X 47.50 m x 0.25 m x 0.30 m = 7.13 cum 1 X 44.00 m x 0.25 m x 0.30 m = 3.30 cum 1 X 15.00 m x 0.25 m x 0.20 m = 0.75 cum = 18.18 cum				
2	PAGE NO-14 ITEM NO-1	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand. 2 x 35.00 m x 0.25 m = 17.5 sqm 2 x 47.50 m x 0.25 m = 23.75 sqm 1 x 44.00 m x 0.25 m = 11 sqm 1 x 15.00 m x 0.25 m = 3.75 sqm = 56.00 sqm	18.18 cum	11927.00	%Cum	2167.73
3	Page 34 Item 22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor (A) [Pakur Variety] 1:3:6 proportion (a) 2 x 35.00 m x 0.25 m x 0.10 m = 1.75 cum 2 x 47.50 m x 0.25 m x 0.10 m = 2.38 cum 1 x 44.00 m x 0.25 m x 0.10 m = 1.10 cum 1 x 15.00 m x 0.25 m x 0.10 m = 0.38 cum = 5.60 cum	56.00 sqm	361.00	sqm	20216.00
4	Page - 15 / It - 8(a)	Brick work with 1st class bricks in cement mortar (1:6) In foundation and plinth (a) 2 x 35.00 m x 0.25 m x 0.30 m = 5.25 cum 2 x 47.50 m x 0.25 m x 0.20 m = 4.75 cum 1 x 44.00 m x 0.25 m x 0.20 m = 2.20 cum 1 x 15.00 m x 0.25 m x 0.20 m = 0.75 cum = 12.95 cum	5.60 cum	5376.00	cum	30105.60
4	Page - 1 Item - 3(a)	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) With earth obtained from excavation of foundation. (a) 1/5 Th of Earth Work in Excavation = 3.64 cum	12.95 cum	5413.00	cum	70098.35
5	Page - 2 Item - 4(a)	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) 2 x 35.00 m x 1.80 m x 0.200 m = 25.20 cu.m 1 x 47.50 m x 2.50 m x 0.100 m = 11.88 cu.m 1 x 44.00 m x 2.20 m x 0.100 m = 9.68 cu.m 1 x 15.00 m x 1.20 m x 0.100 m = 1.80 cu.m = 48.56 cu.m	3.64 cum	7754.00	%Cum	281.86
6	Page- 189 Item 1(ii)⊙	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. (i) mm thick plaster (c) 15	48.56 cu.m	93621.00	%Cu.m	45457.68

		2 x 35.00 m x 0.550 m = 38.50 sqm				
		2 x 47.50 m x 0.350 m = 33.25 sqm				
		1 x 44.00 m x 0.350 m = 15.40 sqm				
		1 x 15.00 m x 0.350 m = 5.25 sqm				
		92.40 sqm	92.40 sqm	151.00 sqm		13952.40
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE: Cement 0.152 cu.m per 100 sq.m.				
8	Page 47 Item - 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. 1 x 35.00 m x 1.80 m = 63.00 sqm 1 x 47.50 m x 2.50 m = 118.75 sqm 1 x 44.00 m x 2.20 m = 96.80 sqm 1 x 15.00 m x 1.20 m = 18.00 sqm = 296.55 sqm	92.40 sqm	34.00 sqm		3141.60
9	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured) 1 x 35.00 m x 0.10 m = 3.50 sqm 1 x 47.50 m x 0.10 m = 4.75 sqm 1 x 44.00 m x 0.10 m = 4.40 sqm 1 x 15.00 m x 0.10 m = 1.50 sqm 14.15 sqm	296.55 sqm	24.00 sqm		7117.20
10	Page 41 Item - 33	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in gound floor as per relevant IS codes. Pakur variety (Rate as per Annalysis Submitted) 1 x 35.00 m x 1.80 m x 0.100 m = 6.30 Cum 1 x 47.50 m x 2.50 m x 0.100 m = 11.88 Cum 1 x 44.00 m x 2.20 m x 0.100 m = 9.68 Cum 1 x 15.00 m x 1.20 m x 0.100 m = 1.80 Cum 29.66 Cum	14.15 sqm	335.00 sqm		4740.25
			29.66 Cum	5519.46 cum		163679.59

Total Amount 360958.25

GST 18% 64972.49

Cost of civil works excluding labour welfare cess 425930.74

1% Cess 4259.31

Total Rs 430190.05

Say Rs 430190.00

Rupees Four Lakh Thirty Thousand One Hundred & Ninty Only

Sub-Assistant Engineer
Khardah Municipality


Assistant Engineer
Khardah Municipality


Chairman
Khardah Municipality

KHARDAH MUNICIPALITY

ANNEXURE-4

KHARDAH, 24-PARGANAS (NORTH)

Name of Work :- Proposed Plain Construction of Cement Concrete Road at Sanghashree Durga puja mondog to Arun Ratan house in Ward no -04 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 2 X 132.00 m x 0.30 m x 0.40 m = 31.68 cum 31.68 cum	31.68		cum	3778.47
2	Page 34 Item 22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor (A) [Pakur Variety] 1:3:6 proportion (a) 2 x 132.00 m x 0.30 m x 0.08 m = 5.94 cum 5.94 cum	5.94		cum	31933.44
3	Page - 15 / It - 8(a)	Brick work with lat class bricks in cement mortar (1:6) In foundation and plinth (a) 2 x 132.00 m x 0.25 m x 0.20 m = 13.20 cum 13.20 cum	13.20		cum	71451.66
4	Page - 1 Item - 3(a)	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 ⁴ earth obtained from excavation of foundation. 1/5 Th of Earth Work in Excavation = 6.34 cum	6.34		cum	491.29
5	Page - 2 Item - 4(a)	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) 1 x 132.00 m x 4.80 m x 0.100 m = 63.36 cu.m 63.36 cu.m	63.36		cu.m	59318.27
6	Page- 189 Item 1(ii)C	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. mm thick plaster (i) (c) 15	118.80		sqm	17938.80
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE: Cement 0.152 cu.m per 100 sq.m. = 118.80 sqm	118.80		sqm	4039.20
8	Page 47 Item - 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. 1 x 132.00 m x 4.80 m = 633.60 sqm = 633.60 sqm	633.60		sqm	15206.40
9	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hoisting etc, complete in all respect. (only the area in contact with concrete to be measured) 1 x 132.00 m x 0.10 m = 13.20 sqm 13.20 sqm	13.20		sqm	4422.00
10	Page 41 Item - 33	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Pakur variety (Rate as per Analysis Submitted) 1 x 132.00 m x 4.80 m x 0.120 m = 76.03 Cum 76.03 Cum	76.03		Cum	5519.46

Total Amount	628235.06
GST 18%	113082.31
Cost of civil works excluding labour welfare cess	741317.37
1% Cess	7413.17
Total Rs	748730.54
Say Rs	748731.00

Rapoes Seven Lakh Forty Eight Thousand Seven Hundred & Thirty One Only


Assistant Engineer
Khardah Municipality


Chairman
Khardah Municipality

KHARDAH MUNICIPALITY

ANNEXURE-5

KHARDAH, 24-PARGANAS (NORTH)

Name of Work :- Proposed Plain Construction of Cment Concrete Road at Saibon Road to Madaripur Road in Ward no - 05 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017.

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 2 X 122.50 m x 0.30 m x 0.40 m = 29.40 cum 29.40 cum				
2	Page 34 Item 22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor (A) [Pakur Variety] 1:3:6 proportion (a) 2 x 122.50 m x 0.30 m x 0.09 m = 6.62 cum 6.62 cum	29.40 cum	11927.00	%Cum	3506.54
3	Page - 15 / It - 8(a)	Brick work with 1st class bricks in cement mortar (1:6) In foundation and plinth (a) 2 x 122.50 m x 0.25 m x 0.10 m = 6.13 cum 6.13 cum	6.62 cum	5376.00	cum	35562.24
4	Page - 1 Item - 3(a)	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) With earth obtained from excavation of foundation. (a) 1/5 Th of Earth Work in Excavation = 5.88 cum	6.13 cum	5413.00	cum	33154.63
5	Page - 2 Item - 4(a)	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) 1 x 122.50 m x 3.20 m x 0.075 m = 29.40 cu.m 29.40 cu.m	5.88 cum	7754.00	%Cum	455.94
6	Page - 189 Item 1(ii)⊙	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] (i) With 1:6 cement mortar. (c) 15 mm thick plaster 2 x 122.50 m x 0.450 m = 110.25 sqm 110.25 sqm	29.40 cu.m	93621.00	%cu.m	27524.57
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE: Cement 0.152 cu.m per 100 sq.m. = 110.25 sqm	110.25 sqm	151.00	sqm	16647.75
8	Page 47 Item - 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. 1 x 122.50 m x 3.20 m = 392.00 sqm = 392.00 sqm	110.25 sqm	34.00	sqm	3748.50
			392.00 sqm	24.00	sqm	9408.00

9	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured)					
		$1 \times 122.50 \text{ m} \times 0.10 \text{ m}$	$= 12.25 \text{ sqm}$				
			12.25 sqm	12.25 sqm	335.00 sqm	4103.75	
10	Page 41 Item - 33	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Pakur variety (Rate as per Annalysis Submitted)					
		$1 \times 122.50 \text{ m} \times 3.20 \text{ m} \times 0.100 \text{ m}$	$= 39.20 \text{ Cum}$				
			39.20 Cum	39.20 Cum	5519.46 cum	216362.83	

Total Amount 350474.74

GST 18% 63085.45


Cost of civil works excluding labour welfare cess 413560.20

1% Cess 4135.60

Total Rs 417695.80

Say Rs 417696.00

Rupees Four Lakh Seventeen Thousand Six Hundred & Ninty Six Only


Assistant Engineer
Khardah Municipality


Chairman
Khardah Municipality

KHARDAH MUNICIPALITY

ANNEXURE-6

KHARDAH, 24-PARGANAS (NORTH)

Name of Work :- Proposed Plain Construction of Cement Concrete Road at Hind Park Road in Ward no -05 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 2 X 78.00 m x 0.30 m x 0.40 m = 18.72 cum 18.72 cum	18.72		cum	2152.73
2	Page 34 Item 22(A)(a)	(f) Cement concrete with graded stone ballast (40 mm size excluding shuttering) in ground floor (A) [Pakur Variety] 1:3:5 proportion (a) 2 x 78.00 m x 0.30 m x 0.10 m = 4.68 cum 4.68 cum	4.68	5376.00	cum	25159.68
3	Page - 15 / It - 8(a)	Brick work with 1st class bricks in cement mortar (1:6) in foundation and plinth (a) 2 x 78.00 m x 0.25 m x 0.20 m = 7.80 cum 7.80 cum	7.80	5413.00	cum	42221.40
4	Page - 1 Item - 3(a)	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) With earth obtained from excavation of foundation. (a) 1/5 Th of Earth Work in Excavation = 3.74 cum	3.74	7754.00	%Cum	290.31
5	Page - 2 Item - 4(a)	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) 1 x 78.00 m x 3.20 m x 0.120 m = 29.95 cu.m 29.95 cu.m	29.95	93621.00	%cu.m	28041.36
6	Page- 189 Item 1(ii)C	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] (i) With 1:6 cement mortar. (c) 15 mm thick plaster. 2 x 78.00 m x 0.750 m = 117.00 sqm 117.00 sqm	117.00	151.00	sqm	17667.00
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE Cement 0.152 cu.m per 100 sq.m. = 117.00 sqm	117.00	34.00	sqm	3978.00
8	Page 47 Item - 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. 1 x 78.00 m x 3.20 m = 249.60 sqm = 249.60 sqm	249.60	24.00	sqm	5990.40
9	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hoisting etc, complete in all respect. (only the area in contact with concrete to be measured) 1 x 78.00 m x 0.10 m = 7.80 sqm 7.80 sqm	7.80	335.00	sqm	2613.00
10	Page 41 Item - 33	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes Pakur variety (Rate as per Analysis Submitted) 1 x 78.00 m x 3.20 m x 0.125 m = 31.20 Cum 31.20 Cum	31.20	5519.46	cum	172207.15

Total Amount 300401.04

GST 18% 54072.19

Cost of civil works excluding labour welfare cess 354473.22

1% Cess 3544.73

Total Rs 358017.96

Say Rs 358018.00

Rupees Three Lakh Fifty Eight Thousand & Eighteen

Assistant Engineer
Khardah Municipality

Chairman
Khardah Municipality

KHARDAH MUNICIPALITY
KHARDAH, 24-PARGANAS (NORTH)

ANNEXURE-7

Name of Work :- Proposed Plain Construction of Cement Concrete Road at Binai Paul House to Nikhil Saha Gola in Ward no -06 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 2 X 113.00 m x 0.30 m x 0.20 m = 13.56 cum 13.56 cum	13.56		cum	1617.30
2	Page 34 Item 22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) in ground floor (A) [Pakur Variety] 1:3:6 proportion (a) 2 x 113.00 m x 0.30 m x 0.08 m = 5.09 cum 5.09 cum	5.09		cum	27336.96
3	Page - 15 / It - 8(a)	Brick work with 1st class bricks in cement mortar (1:6) in foundation and plinth (a) 2 x 113.00 m x 0.25 m x 0.10 m = 5.65 cum 5.65 cum	5.65		cum	30583.45
4	Page - 1 Item - 3(a)	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) With earth obtained from excavation of foundation (a) 1/5 Th of Earth Work in Excavation = 2.71 cum	2.71		cum	210.20
5	Page - 2 Item - 4(a)	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) 1 x 113.00 m x 3.00 m x 0.075 m = 25.43 cu.m 25.43 cu.m	25.43		cu.m	23803.14
6	Page- 189 Item 1(i)(d)	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. (i) mm thick plaster (c) 15	101.70		sqm	15356.70
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per 100 sq.m. = 101.70 sqm	101.70		sqm	3457.80
8	Page 47 Item - 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. 1 x 113.00 m x 3.00 m = 339.00 sqm = 339.00 sqm	339.00		sqm	8136.00
9	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect (only the area in contact with concrete to be measured) 1 x 113.00 m x 0.10 m = 11.30 sqm 11.30 sqm	11.30		sqm	3785.50
10	Page 41 Item - 33	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes Pakur variety (Rate as per Analysis Submitted) 1 x 113.00 m x 3.00 m x 0.100 m = 33.90 Cum 33.90 Cum	33.90		Cum	187109.69

Total Amount 301396.83

GST 18% 54251.43

Cost of civil works excluding labour welfare cess

355648.26


1% Cess

3556.48

Total Rs 359204.75

Say Rs 359205.00

Rupees Three Lakh Fifty Nine Thousand Two Hundred & Five Only


Assistant Engineer
Khardah Municipality


Chairman
Khardah Municipality

KHARDAH MUNICIPALITY

KHARDAH, 24-PARGANAS (NORTH)

ANNEXURE-8

Name of Work :- Proposed Plain Construction of Cement Concrete Road at Ram Hari Biswas Ghat Road (By lane) & at P.K Biswas Road H/O Pandit to Tilak Chabi Das house in Ward no -15 under Khardah Municipality.

Estimate prepared as per PWD (WB) schedule of rates for Building work materials and Labour for the year effective from 01.11.2017

Sl. No.	Item no.	Description of item	Quantity	Rate (₹)	Unit	Amount (₹)
1	Page - 1 Item - 2(a)	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. 2 X 54.00 m x 0.30 m x 0.20 m = 6.48 cum 1 x 12.00 m x 0.75 m x 0.30 m = 2.70 cum 2 x 38.00 m x 0.30 m x 0.20 m = 4.56 cum 1 x 9.00 m x 0.30 m x 0.20 m = 0.54 cum 14.28 cum				
2	Page 34 Item 22(A)(a)	(I) Cement concrete with graded stone ballast (40 mm size excluding shuttering) In ground floor (A) [Pakur Variety] 1:3:6 proportion (a) 2 x 54.00 m x 0.30 m x 0.05 m = 1.62 cum 1 x 12.00 m x 0.75 m x 0.05 m = 0.45 cum 2 x 38.00 m x 0.30 m x 0.05 m = 1.14 cum 1 x 9.00 m x 0.75 m x 0.05 m = 0.34 cum 3.55 cum	14.28	11927.00	%Cum	1703.18
3	Page - 15 / It - 8(a)	Brick work with 1st class bricks in cement mortar (1:6) In foundation and plinth (a) 2 x 54.00 m x 0.25 m x 0.10 m = 2.70 cum 1 x 12.00 m x 0.25 m x 0.20 m = 0.60 cum 2 x 38.00 m x 0.25 m x 0.10 m = 1.90 cum 1 x 9.00 m x 0.25 m x 0.30 m = 0.68 cum 5.88 cum	3.55	5376.00	cum	19071.36
4	Page - 1 Item - 3(a)	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) With earth obtained from excavation of foundation. a) 1/5 Th of Earth Work in Excavation = 2.86 cum	5.88	5413.00	cum	31801.38
5	Page - 2 Item - 4(a)	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) 1 x 54.00 m x 3.50 m x 0.100 m = 18.90 cu.m 1 x 12.00 m x 1.50 m x 0.100 m = 1.80 cu.m 1 x 38.00 m x 3.60 m x 0.100 m = 13.68 cu.m 1 x 9.00 m x 1.20 m x 0.100 m = 1.08 cu.m 35.46 cu.m	2.86	7754.00	%Cum	221.45
6	Page- 189 Item 1(ii)C	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. mm thick plaster (i) (c) 15 2 x 54.00 m x 0.350 m = 37.80 sqm 1 x 12.00 m x 0.450 m = 5.40 sqm 2 x 38.00 m x 0.350 m = 26.60 sqm 1 x 9.00 m x 0.350 m = 3.15 sqm 72.95 sqm	35.46	93621.00	%cu.m	33198.01
7	Page 192 Item-15	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE: Cement 0.152 cu.m per 100 sq.m. = 72.95 sqm	72.95	151.00	sqm	11015.45
			72.95	34.00	sqm	2480.30

8	Page 47 Item - 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.	1 x 54.00 m x 3.50 m = 189.00 sqm 1 x 12.00 m x 1.50 m = 18.00 sqm 1 x 38.00 m x 3.60 m = 136.80 sqm 1 x 9.00 m x 1.20 m = 10.80 sqm = 354.60 sqm	354.60 sqm				
9	Page 43 Item - 38	Hire and Labour Charges for shuttering with hard wood for precast R.C. Slab curved, or straight and striking out the same including fitting, fixing the precast slab in position with necessary carriage and haulage, hosting etc, complete in all respect. (only the area in contact with concrete to be measured)	1 x 54.00 m x 0.10 m = 5.40 sqm 1 x 12.00 m x 0.10 m = 1.20 sqm 1 x 38.00 m x 0.10 m = 3.80 sqm 1 x 9.00 m x 0.10 m = 0.90 sqm = 11.30 sqm	11.30 sqm		24.00 sqm		8510.40
10	Page 41 Item - 33	Ordinary Cement concrete (mix 1:2:4) with graded stone chips (6mm nominal size) excluding shuttering and reinforcement, if any, in ground floor as per relevant IS codes. Pakur variety (Rate as per Amalysis Submitted)	1 x 54.00 m x 3.50 m x 0.100 m = 18.90 Cum 1 x 12.00 m x 1.50 m x 0.100 m = 1.80 Cum 1 x 38.00 m x 3.60 m x 0.100 m = 13.68 Cum 1 x 9.00 m x 1.20 m x 0.100 m = 1.08 Cum = 35.46 Cum	35.46 Cum		335.00 sqm		3785.50
				35.46 Cum		5519.46 cum		195720.05

Total Amount 307507.07

GST 18% 55351.27

Cost of civil works excluding labour welfare cess

362858.35


1% Cess

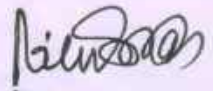
3628.58

Total Rs 366486.93

Say Rs 366487.00

Rupees Three Lakh Sixty Six Thousand Four Hundred & Eighty Seven Only


Assistant Engineer
Khardah Municipality


Chairman
Khardah Municipality