



# WEST BENGAL LIVESTOCK DEVELOPMENT CORPORATION LIMITED

(A Govt. Of West Bengal Undertaking)

LB-2, Sector-III, Salt Lake City, Kolkata – 700 106  
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**NIT No: WBARD/WBLDC /NIT-89e/17-18**

**Date of Issue: 03<sup>rd</sup> Day of January, 2018**

## SET OF TENDER DOCUMENTS

For

**'DIFFERENT CONSTRUCTIONAL WORKS AT COMMERCIAL LAYER FARM, UNDER SLF, KALYANI, NADIA.**

Each set contains:-

1. Application Form.
2. Detailed Tender Notification.
3. Terms & Conditions for Submission of Tender.
4. Check List.

**DATE OF PUBLICATION OF e-TENDER (ONLINE): 03.01.2018 FROM 06:00 PM.**

**SARTING OF BID SUBMISSION (ONLINE): 03.01.2018 FROM 06:00 PM.**

**LAST DATE FOR ON LINE SUBMISSION OF TENDER: 24.01.2018 UP TO 02.00 PM.**

**OPENING OF TECHNICAL BID: 26.01.2018 AFTER 02.00 PM**

**OPENING OF FINANCIAL BID: TO BE NOTIFIED LATER ON.**

(Dr. Gouri Shankar Koner)  
Managing Director  
W.B.L.D.C. Ltd.



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### **NOTICE INVITING e-TENDER**

**NIT No: WBARD/WBLDC /NIT-89e/17-18**

**Date of Issue: 03<sup>rd</sup> Day of January, 2018**

The Managing Director, West Bengal Livestock Development Corporation Ltd., LB-2, Sector-III, Salt Lake City, Kolkata–700106 invites on line bids (in two bid system) from the Bona-fide Contractor/Agency/Firm/Company for **'DIFFERENT CONSTRUCTIONAL WORKS AT COMMERCIAL LAYER FARM, UNDER SLF, KALYANI, NADIA'**.

- 1) Earnest Money @ 2% of the estimated value is to be remitted on line through Govt. of West Bengal e-Tender portal (<https://wbtenders.gov.in>).
- 2) After publication of e-tender Notice in the Medias, detailed terms & conditions, BOQ (Bill of Quantities) may be obtained from the website <https://wbtenders.gov.in> at free of cost. Submission of tender by the bidder can be made with the help of DSC (Digital Signature Certificate) in this website <https://wbtenders.gov.in>.
- 3) Tenders should normally be floated in two parts one Technical Bid (BID-A) and other Financial Bid (BID-B).
- 4) Tender must be supported by:

#### **A. TECHNICAL BID : 'BID-A'**

- (a) **STATUTORY COVER** containing the following documents:

#### **PART 1 (SINGLE FILE MULTIPLE PAGES SCANNED):**

1.	Scanned Application in the prescribed format (Form-I)
2.	Scanned Declaration by the Tenderer Form-II
3.	Scanned Check List in the prescribed format (Form-III)
4.	<b>DRAWING &amp; DESIGN OF THE PROPOSED WORK</b>

- (b) **NON-STATUTORY COVER/MY SPACE** containing the following documents:

Sl. No.	Category	Sub Category Description
1	CERTIFICATES – ✓ All valid up to date ✓ All certificates are to be furnished in English Vernacular ✓ Affidavit are not valid ✓ Scanned original copy	i) PAN Card of the authorized signatory ii) Prof. Tax clearance certificate with challan valid up to date. iii) GST/Sales Tax Registration certificate. iv) IT returns, Saral up to Assessment year 2017-2018. v) PF & ESI certificate / declaration vi) Having minimum one degree (in engineering) holder with minimum experience of 5 years, and completed work value of 5 crore supported by relevant certificates. vii) Having minimum Two Diploma (in engineering) holder with minimum experience of 5 years, and completed work value of 3 crore supported by relevant certificates.

2	COMPANY DETAILS (valid up to date), scanned original copy	<p>i) <b>Registration Certificate under Company Act. (if any).</b></p> <p>ii) <b>Registered Deed of partnership Firm, Trade License / Article of Association &amp; Memorandum.</b></p> <p>iii) <b>Power of Attorney (For Partnership Firm/ Private Limited Company, if any).</b></p>
3	Credential	Credential for satisfactorily completion as a prime agency during last 5 (five) years prior to the date of issue of this tender notice, at least single work of similar nature having a magnitude not below 40% of the Estimated amount put to the tender under the authority of Government Department, Zilla Parishad, Govt. undertaking / Statutory bodies constituted under the Govt. of W.B. Completion certificate indicating estimated amount, value of work done, date of completion of the work and detailed communicational address along with contact number of the client should be submitted by the bidder.

(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).

**B. FINANCIAL BID : 'BID-B' ( BOQ )**

- i) The Contractor is to quote the rate **on Turn-Key basis** of the components as specified in the **Annexure-A**. **The turn-key rate** will be quoted in the BOQ in one cover (folder) encrypted in the B.O.Q. under Financial Bid.
- ii) **Rate quoted shall be inclusive of GST, all other taxes, surcharges, cess if any etc.**
- iii) **Item-wise details for scope of the work as a whole may be found in Annexure-A of NIT document.**
- iv) Only downloaded copy of the B.O.Q. is / are to be uploaded quoting the rate, virus scan and digitally signed by the contractor.

**N.B.: ALL STATUTORY & NON STATUTORY DOCUMENTS(S) ARE REQUIRED TO BE UPLOADED IN ORIGINAL. Neither Photocopy nor cyclostyled literature/Brochure will be accepted.**

**DETAILS OF WORKS:-**

Name of the work	Work Details	Estimated Amount put to Tender (Rs.)	Period of completion of the work.
1	2	3	4
<b>DIFFERENT CONSTRUCTIONAL WORKS AT COMMERCIAL LAYER FARM, UNDER SLF, KALYANI, NADIA.</b>	<b>Details of work schedule item-wise may be found in the Annexure-A of NIT.</b>	<b>Rs. 345.00 Lakh</b>	<b>180 (One Hundred &amp; Eighty days)</b>

## IMPORTANT DATES & INFORMATION

Sl. No.	Particulars	Date, time & Venue
1	Date of publishing of N.I.T. & other Documents (online)	03.01.2018 at 06:00 pm
2	Starting Date of Downloading documents (online)	03.01.2018 at 06:00 pm
3	Bid submission start date (On Line)	03.01.2018 at 06:00 pm
5	Bid submission closing date (on line)	24.01.2018 up to 02:00 pm
6	Bid opening date for Technical Proposals (on line)	26.01.2018 at 02:00 pm onwards
7	Date of uploading list for Technically Qualified Bidder (online)	To be communicated later
8	Date for opening of Financial Proposal (online)	To be notified later
9	Date of uploading of list of Bidders along with the approved rate	To be notified later

MANAGING DIRECTOR, W.B.L.D.C. LTD., RESERVES THE RIGHT TO CHANGE THE ABOVE SCHEDULE IN CASE OF ANY EXIGENCIES. No objection in this respect will be entertained raised by any Bidder. **Bidders or authorized representatives need not to be present in the office of the undersigned at the time of opening of the Technical or Financial Bid (BID-B).** Decision of Tender committee at every stages of evaluation shall be intimated and uploaded on the website (<https://wbtenders.gov.in>) portal. No informal bidder will be entertained in the bid further. However, immediately after screening / evaluation by the Tender Selection Committee reserves the right to cancel the N.I.T. due to unavoidable circumstances and no claim in this respect will be entertained.

## INSTRUCTION TO BIDDER

Total work is to be completed positively **within 180 days** or the time specified in the order from the date of issue of order.

The intending bidders are requested to submit their tender along with prescribed application form in e-tender portal <https://wbtenders.gov.in> . The software shall make automatic encryption of the Technical as well as Financial Bid and no one shall be allowed to open two Bids prior to the date and time earmarked for opening by the Tendering Authority.

**After evaluation of Technical Bid, those who will qualify, their Financial Bid shall only be opened. The technical proposal (BID-A) will be opened on line. There is no need to be present of Bidders or authorized representatives in the office of the undersigned at the time of opening of the Technical Proposal (BID-A).**

For further information, the bidders are requested to please contact the undersigned.

**No Tender will be accepted across the table and no such receipt will be issued thereon.**

In the event of any discrepancy between downloaded tender document and master copy of the same available in the office then the latter will be accepted & binding on the bidder. No claim will be entertained.

N.I.T. to be downloaded properly and to be uploaded duly digitally signed.

**In case quoting the rate anywhere other than BOQ, the tender is liable to be summarily rejected.**

All the tender documents including N.I.T., terms & conditions for submission of tender & B.O.Q. will be the part & parcel of the bid documents.

The undersigned reserves the right to reject any tender / all tenders at any stage without assigning any reason thereof.

### **ELIGIBILITY CRITERIA FOR PARTICIPATION IN THE TENDER**

- 1) The contractors who have been delisted or debarred by any government department shall not be eligible in any way.
- 2) Valid up to date clearance of Income Tax return, Professional Tax Clearance Certificate, P.T. (Deposit Challan), Pan Card, GST Registration Certificate with the Technical Bid Documents, Income Tax Acknowledgement Receipt for latest assessment year to be submitted. [Non statutory Documents].
- 3) Registered Partnership Deed (for Partnership Firm only) along with Power of Attorney to be submitted along with application. (Non-Statutory documents)
- 4) Registered Unemployed Engineers' Co-operative Societies are required to furnish valid Bye Law, Current Audit Report, Current N.O.C. from A.R.C.S., Minutes of last A.G.M. and also submit documents of the society consists at least 10 (ten) members out of which at least 60% should hold degree or diploma in any branch in Engineering.
- 5) Prevailing safety norms has to be followed so that LTI (Loss of time due to injury) is zero.
- 6) Should have minimum one degree (in engineering) holder with minimum experience of 5 years, and completed work value of 5 crore supported by relevant certificates.
- 7) Should have minimum Two Diploma (in engineering) holder with minimum experience of 5 years, and completed work value of 3 crore supported by relevant certificates.

### **EVALUATION OF TENDERS**

During the tender Evaluation Process, the **Technical proposal (BID-A)** will be opened first. Those bidders who will qualify the **Technical proposal** as described in BID-A **containing Statutory/Non statutory documents including credentials** will be identified and only their **Financial Cover (BID-B)** shall be opened. The **Financial cover (BID-B)** will not be opened and will be summarily rejected if that Bidder fails to meet the technical requirements participating in the tender. The bidder offering the percentage rate if found suitable & as per the tender specification will only be selected. Technical Evaluation of the Tender will be held on two parts, i.e. opening & evaluation of tender.

#### **Opening of the Technical Proposal:**

- Technical proposal will be opened by the authorized officer of the undersigned, electronically from the website using their Digital Signature Certificate (DSC).
- Cover (folder) for Statutory Documents and non statutory documents will be opened. If there is any deficiency in the **Statutory Documents** the tender will summarily be rejected.
- Decrypted (transformed into readable formats) documents of the Statutory & Non statutory Cover will be downloaded and handed over to the Tender Evaluation Committee.
- Summary list of technically qualified bidders will be uploaded online.
- Pursuant to scrutiny & decision of the Tender Evaluation Committee the summary list of eligible bidders will be uploaded in the web portals.
- During evaluation the committee may summon of the bidders and seek clarification/information/demonstration or additional documents or original hard copy of any of the documents already uploaded and if these are not produced within the stipulated time frame, their proposal will be liable for rejection.

- The Financial Cover (BID-B) of those bidders passing the technical requirements will only be opened. The sample may be examined by our technical experts before opening of the Financial Cover.

THE DECISION OF UNDERSIGNED/TENDER COMMITTEE WILL BE FINAL BINDING & ABSOLUTE IN THIS RESPECT.

#### **PENALTY FOR SUPPRESSION / DISTORTION OF FACTS:-**

If any bidder fails to produce the original hard copies of the documents (specially Completion Certificates) or any other documents on demand of the Tender Opening Authority within a specified time frame or if any deviation is detected in the hard copies from the uploaded soft copies or if there is any suppression of facts, the bidder will be suspended from participating in the tenders on e-Tender platform for 3 (three) years.

#### **PERFORMANCE GUARANTEE & AWARD OF CONTRACT:-**

The Tender Inviting Authority reserves the right to accept or reject any tender and to cancel the tendering process and reject all tenders at any time and prior to the issue of Award of Contract without incurring any liability to the affected Tenderer or Tenderers thereby or shall have any obligation to inform the affected Bidder or Bidders of the ground for Employer's action. The Bidder who's Bid has been accepted will be notified by the Tender Inviting & Accepting Authority through acceptance letter.

Upon receiving the 'Letter of acceptance', the successful bidder shall have to furnish a 'Performance guarantee' in shape of 'Bank Guarantee' from any 'Nationalized Bank' for the amount of **5% of the work order value** or as stated in the 'Offer letter'. **A sample proforma for 'BANK GUARANTEE' has been uploaded along with this NIT document.**

After submission of 'Performance Guarantee', the corporation will execute an agreement with the successful bidder as per the prescribed format or as will deem fit as per the condition. The notification of award will constitute the formation of the Contract or the agreement between the Tender Accepting Authority and the successful Bidder. All the tender documents including NIT & B.O.Q. will be the part of the Contact Documents.

#### **AGREEMENT**

The successful bidder will have to enter into a contractual agreement with the Corporation in the standard format (already uploaded along with NIT) embodying the tender terms & conditions in Two Non-judicial Stamp Paper worth Rs.10/- (Rupees ten) only to be provided by the successful bidder. Prescribed Agreement must be signed also by the Authorized Signatory of the Tendering firm concerned.

#### **SECURITY MONEY DEPOSIT**

1. The successful bidder will have to deposit Security Money @ 10% ad valorem and is to be deducted from each of their running bills.
2. The Security Money will not carry any interest. This Corporation is not liable for deposition of excess Security Money.
3. Security Money will be refunded after satisfactory completion of the work. No proportionate refund of security money will be allowed.

#### **PENAL MEASURE**

If the firm withdraws tender as a whole or for any particular item at any stage during the tenure of tender or fails/refuses to enter into written agreement once the rate for any/all items(s) is/are accepted within the time specified when requested to do so by this Corporation. Such firms offer will not be taken into consideration in future & shall liable to be black listed for 3 (three) years.

1. The security money deposit furnished by a bidder is liable to forfeit in full along with cancellation of order without prejudice in the event of failure/refusal to maintain the terms & conditions of tender and/or contracted specification and/or quality/quantity and the authority will be at liberty to terminate the contract as a whole or part.
2. In consequence of submission of false or fabricated documents by any firm/ company for participating in the tender, if proved later on shall liable to be Black Listed for 3 (three) years.
4. Quoting absurdly high or low rate in opinion of tender selection committee, with the intention to vitiate the tender process will be dealt with in the context of NPPA norms or any other norms under Govt.

## **PAYMENT**

Any request for Advance Payment generally will not be entertained.

1. Bills to be produced in DUPLICATE.
2. Payment shall be made after executing the order satisfactory in all respect. However, no interest shall be paid to the firm, if the payment is delayed due to whatsoever reasons. The payment of bills shall be withheld in case of violation of any tender terms & conditions.
3. No arbitration for the work will admissible, any mobilization/secured advance will be allowed.
4. However, as per instruction of the authority from time to time, the successful bidder shall have to produce the **BAR CHART** in terms of % of completion of work and Physical progress of the work accordingly, before execution of the contract agreement.
5. The payment shall be made as per the schedule & scope of work given under **Annexure-A** of this NIT document positively.

## **TERMS AND CONDITIONS**

The Contractor shall be capable to establish field testing laboratory equipped with requisite instruments and technical staff.

The Applicant must inspect the site of work and get acquainted with site condition, facility available and problems to be faced during works and take into account all such factors before quoting rate.

## **GENERAL:**

Unless otherwise stipulated all the works are to be done as per general conditions and general Specifications of the "Departmental Schedule" which means the Public Works Department, Schedule of Rates for works in West Bengal for the working area including up to date addenda and corrigenda, if any. The project should be executed as per IS code/IRC/MOST/MORTH standards regarding the quality of materials and various item of works. For general conditions and general specifications of items of works related to supply and carriage works, not appearing in the aforesaid Schedule of Rates in force including up-to-date addenda and corrigenda, if any, issued by the competent authority as applicable for the working at the time of submission of tender for the working area will be considered.

## **TERMS & CONDITIONS IN ORDER TO PRECEDENCE:**

If the stipulations of the various components of the contract documents be at variance in any respect, one will override the other (only in so far as those are at variance) in the order of precedence as given below:

- (a) Special terms and conditions
- (b) Special specifications
- (c) General specifications
- (d) Notice Inviting e-Tender
- (e) Schedule of probable items with approximate quantities
- (f) Tender Form.

All works covered in the clause appearing hereinafter shall be deemed to form a part of the appropriate item or items of works appearing in the schedule whether specifically mentioned in any clause or not and the rates quoted shall include all such works unless it is otherwise mentioned that extra payment will be made for particular works.

#### **ENGINEER-IN-CHARGE AND COMMENCEMENT OF WORK:**

The word "Engineer-In-Charge" means the Executive / Sub-Assistant / Assistant Engineer, WBLDC Ltd. The word "Department" appearing anywhere in the tender documents mean WBLDC Ltd. (A Government of West Bengal Undertaking). The word "approved" appearing anywhere in the documents means approved by the Engineer-In-Charge. The work shall have to be taken up within seven days of the receipt of the work order. Failure to do so will constitute a violation of the contract stipulation as regards proportionate progress and timely completion of work and the contractor will thereby make himself liable to pay compensation or other penal action as per stipulation of the printed tender form.

#### **CONDITION IN EXTENDED PERIOD:**

When an extension of time for completion of work is authorized by the Engineer-In-Charge, it will be taken for granted that the validity of the contract is extended automatically up to the extended period with all terms and conditions rates, etc. remaining unaltered, i.e. the tender is revalidated up to the extended period.

#### **CO-OPERATION AND DAMAGES AND COMPLETION OF WORK:**

All works are to be carried out in close co-operation with the Department and other contract or contracts that may be working in the area of work. The work should also be carried out with due regard to the convenience of the road/building users and occupants, if any. All arrangements and programme of work must be adjusted accordingly. All precautions must be taken to guard against chances of injury or accidents to workers, road users, occupants etc. The contractor must see that all damages to any property which, in the opinion of the Engineer-In-Charge are due to the negligence of the contractor are promptly rectified by the contractor at his own cost and expenses and according to the direction and satisfaction of the Engineer-In-Charge.

#### **CONTRACTOR'S SITE OFFICE:**

The contractor shall have an office adjacent to the work as may be approved by the Engineer-In-Charge where all directions and notice of any kind whatsoever which the Engineer-In-Charge or his representative may desire to give to the contractor in connection with the contract may be left and same when left at or sent by post to such office or delivered to the Contractor's authorized agent or representative shall be deemed to the sufficiently served upon the contractor.

#### **INCIDENTAL AND OTHER CHARGES:**

The cost of all materials, hire charges to Tools and plants, Labour, Corporation/Municipal Fees for water supply, Royalty or road materials (if any), Electricity and other charges of Municipalities or statutory Bodies, Ferry charges, Toll Charges, Loading and unloading charges, Handling chargers overhead charges etc. will be deemed to have been covered by the rates quoted by the contractor inclusive of Sales Tax (Central and/or State), Income Tax, Octroi Duty/Terminal Tax, Turnover Tax etc. All other charges for the execution of the complete or finished work or in case of supply of materials and for carriage to the entire satisfaction of the Engineer-In-charge of the work. No claim whatsoever in this respect will be entertained.

#### **AUTHORISED REPRESENTATIVE OF CONTRACTOR:**

The contractor shall not assign the agreement or sublet any portion of the work. The contractor, may however, appoint and authorize representative in respect of one or more of the following purpose only-

- a) General day to day management of work.



- b) To attend measurements when taken by the Departmental Officers and sign the records of such measurements which will be taken of acceptance by the Contractor. The selection of the authorized representatives subject to the prior approval of the Engineer concerned and the contractor shall in writing seek such approval of the Engineer giving therein the name of work, Tender No., the Name, Address and the specimen signature of the representative he wants to appoint and the specific purposes as specified the representative will be authorized for even after first approval, the Engineer may issue at any subsequent date.

Revised directions about such authorized representative and the contractor shall be bound to abide by such directions. The Engineer shall not be bound to assign any reason for any of his directions with regard to the appointment of authorized representative. Any notice correspondence etc. issued to the authorized representative or left at his address, will be deemed to have been issued to the contractor himself.

#### **POWER OF ATTORNEY:**

The Provision of the power of attorney, if any, must be subject to the approval of the Department. Otherwise the WBLDC Ltd. shall not be bound to take cognizance of such of attorney.

#### **EXTENSION OF TIME:**

For cogent reasons over which the contractor will have no control and which will retard the progress, extension of time for the period lost will be granted on receipt of application from the contractor before the expiry date of contract. No claim whatsoever for idle labour, additional establishment, cost of materials and labour and hire charges of tools & Plants etc., would be entertained under any circumstances. The contractor should consider the above factor while quoting his rate. Applications for such extension of time should be submitted by the contractor.

#### **MATERIALS TO BE USED:**

Suggested Brand Name/ names of different type of materials are to be use for this work as specified in PWD (WB) Schedule of Rate or as per direction of Engineer-In-Charge.

#### **CONTRACTOR'S GODOWN:**

The contractor must provide suitable godowns for cement and other materials at the site of work. The cement godown is to be sufficient in capacity and it must be water tight with either an elevated floor with proper ventilation arrangement underneath the floor or if solid raised flooring is made, cement is to be stored on bamboo or timber tonnage to the satisfaction of the Engineer-In-Charge. No separate payment will be made for these godowns or for the store yard. Any cement which is found at the time of use to have been damaged shall be rejected and must immediately to remove from the site by the Contractor or deposited as directed by the Engineer-In-Charge.

#### **ARRANGEMENT OF LAND:**

The contractor will arrange land for installation of his Plants and Machineries, his godown, store yard, labour camp etc. at his own cost for the execution of the work. Departmental land, if available may be spared for the purpose on usual charges as fixed by the Competent Authority.

#### **USE OF GOVERNMENT LAND:**

The contractor shall make his own arrangements for storage of tools, plant, equipments; materials etc. of adequate capacity and shall clear and remove on completion of work and shed, huts etc. which he might have erected in Government Land. Before using any space in Government Land of any purpose whatsoever, approval of the Engineer-In-charge should be needed.

### **CLEARING OF MATERIALS:**

Before starting any work, work site, where necessary, must be properly dressed after cutting clearing all varieties of jungles shrubs, bamboo clusters or any undesirable vegetation from the alignment or site of works on completion of works all temporary structure or obstruction including some pipes in underground work, if any, must also be removed. All scars of construction shall be obliterated and the whole site shall be left in a clear and neat manner to the satisfaction of the Engineer-In-Charge. No separate payment shall be made for all these works, the cost thereof being deemed to have been included in the rates of various items of works quoted by the contractor in the schedule of probable items of works.

### **SUNDRY MATERIALS:**

The contractor must erect temporary pillars, master pillars etc. as may be required in suitable places as directed by the Engineer-In-Charge at his own cost before starting and during the work by which the departmental staff will check Levels, layout different works and fix up alignment and the contractor shall have to maintain and protect the same till completion of the work. All petty and sundry material like, pegs, strings, nails, flakes instruments etc. and also skill labour require for setting out the levels for laying out difference structures and alignment shall also be supplied by the contractor as per direction of Engineer-in-Charge at his own cost without any extra claim towards the department.

### **SUPPLEMENTARY/ADDITIONAL ITEM OF WORKS:**

Notwithstanding the provisions made in the related tender Form any item of the work which can be legitimately be considered as not stipulated in the specific schedule of probable items of work but has become necessary as a reasonable contingent item during actual execution of work will have to be done by then Contractor if so, directed by the Engineer-In-Charge and the rates will be fixed with manner as stated below:-

- (a) Rate of Supplementary items shall be analyzed in the 1st instant extended possible from the rates of the allied items of work appearing in the tender schedule.
- (b) Rate of supplementary items shall be analyzed to the maximum extent possible from rates of the allied items of work appearing in the P.W Department schedule of rates for Building and S&P along with all addenda and corrigenda of probable items of work forming part of tender document Rates for the working area enforce at the time of N.I.T.
- (c) In Case, addition items do not appear in the above P.W Department Schedule of Rates, such items for the works shall be paid at the rates entered in the Public Works (Roads) Department Schedule of Rates along with all addenda and corrigenda for the working area enforce at the time of N.I.T.
- (d) If the rates of the supplementary items cannot be computed even after applications of clauses stated above, the same shall be determined by analyses from market rates of material, labour and carriage cost prevailing at the time of execution of such items work. Profit and overhead charges (both together) at 16% (sixteen percent) will be allowed only; the contractual percentage will not be applicable.

Unbalanced market rates shall never be allowed Contractual percentage shall only be applicable with regard to the portions of the analysis. It may be noted that the cases of supplementary items of claim shall not be entertained unless supported by entries in the Measurement Book or any written order from the tender accepting authority.

### **COVERED UP WORKS:**

When one item of work is to be covered up by another item of work the latter item shall not be done before the former item has been measured up and has been inspected by the Engineer-in-charge as the authorized representative of the Engineer-In-Charge and order given by him or proceeding with the latter item of work. When however, this is not possible for practical reasons, the Sub-assistant Engineer, if so, authorized may do this inspection in respect of minor works and issue order regarding the latter item.

#### **APPROVAL OF SAMPLE:**

Samples of all materials to be supplied by the contractor and to be used in the work shall have to be approved by the Engineer-in-charge and checking the quality of such materials shall have to be done by the concerned Department prior to utilization in work.

#### **WATER AND ENERGY:**

The contractor shall have to arrange for their own source of energy for operation of equipments and machineries, driving of pumping set, illuminating work site, office etc. that may be necessary in different stages of execution of work. No facility of any sort will be provided for utilization of the departmental sources of energy existing at site of work. Arrangement for obtaining water for the work should also be made by the contractor at his own cost. All cost for getting energy and / or for any purpose whatsoever will have to be borne by the contractor for which no claim will be entertained.

All materials and Tools and Plants and all labour (skilled and unskilled) including their housing, water supply, sanitation, light, procurement of food staff, medical aid etc. are to be arranged for by the contractor. The cost of transport of labour, materials and all items as aforesaid shall also have to be borne by the Contractor.

#### **DRAWINGS:**

All works shall be carried out in conformity with the drawings supplied by this Department. The Contractor shall have to carry out all the works according to the departmental general arrangement drawing and detail working drawings to be supplied by the Department from time to time.

#### **UNSERVICEABLE MATERIALS:**

The Contractor shall remove all unserviceable materials, obtained during execution at place as directed. The contractor shall dress up and clear the work site after completion of work as per direction of the Engineer-in-Charge. No extra payment will be made on this account.

#### **CONTRACTOR'S RISK FOR LOSS OR DAMAGE:**

All risk on account of railway or road carriage or carriage by boat including loss or damage of vehicles, boats, barges, materials or labour, if any, will have to be borne by the contractor without any extra claim towards department.

#### **IDLE LABOUR:**

Whatever the reasons may be no claim of idle labour, enhancement of labour rate additional establishment cost, cost of TOLL and hire and labour charges of tools and plants Railway freight etc. would be entertained under any circumstances.

#### **CHARGES AND FEES PAYABLE BY CONTRACTOR:**

- a) The contractor shall be all notices and pay all fees required to be given or paid by any statute or any regulation or by law and any local or other statutory authority which may be applicable to the works and shall keep the department against all penalties and liability of every kinds for breach of such statute regulation or law.
- b) The Contractor shall have save harmless and indemnify the department from and against all claims demands suit and proceedings for or an account of infringement of any patent rights design, trade mark of name of other Protected write in respect of any constructional Plant machine, work, materials, thing or process used for or in connection with works or temporary works or any of them.

#### **ISSUE OF DEPARTMENTAL TOOLS AND PLANTS:**

All Tools and Plants required for the work will have to be supplied by the Contractor at his own cost, all cost of fuel and stores for proper running of the Tools and Plants must be borne by the Contractor.

#### **REALISATION OF DEPARTMENTAL CLAIMS:**

Any some of money due and payable to the contractor (including security deposit returnable to him) under this contract may be appropriated by the Government and set off against any claim of Government for the payment of sum of money arising out of this contract or under any other contract made by the contractor with the Government.

#### **COMPLIANCE OF DIFFERENT ACTS:**

The contractor shall comply with the provisions of the Apprentices Act, 1961, Minimum Wages Act, 1848. Contract Labour (Regulation and Abolition) Act 1970 and the rules and orders issued hereunder from time to time. If he fails to do so, the Engineer, may at his discretions, take necessary measure over the contract. The Contractor shall also make himself for any pecuniary liabilities arising out on account of any violation of the provision of the said Act(s). The Contractor must obtain necessary certificate and license from the concerned Registering Office under the Contract Labour (Regulation & Abolition) Act, 1970. The contractor shall be bound to furnish the Engineer-In-Charge all the returns particulars or date as are called for from time to time in connection with implementation of the provisions of the above Acts and Rules and timely submission of the same, failing which the contractor will be liable for breach of contract and the Engineer-In-Charge may at his discretion take necessary measures over the contract.

#### **SAFETY, SECURITY AND PROTECTION OF THE ENVIRONMENT:**

The Contractor shall, throughout the execution and completion of the Works and the remedying of any defects therein:

- a) Have full regard for the safety of all persons and the Works (so far as the same are not completed or occupied by the department),
- b) Provide and maintain at his own cost all lights, guards, fencing, warning signs and watching, when and where necessary or required by the Engineer-in-Charge for the protection of the Works or for the safety and convenience of the public or others,
- c) Ensure that all lights provided by the Contractor shall be screened so as not to interfere with any signal light of the railways or with any traffic or signal lights of any local or other authority.
- d) Take all reasonable steps to protect the environment on and off the Site and to avoid damage or nuisance to persons or to property of the public or others resulting from pollution, noise or other causes arising as a consequence of his methods of operation.

#### **COMMENCEMENT OF WORK:**

The work must be taken up within the date as stipulated in the work order and completed in all respects within the period specified in Notice Inviting e-Tender.

#### **PROGRAMME OF WORK:**

Before actual commencement of work the contractor shall submit a programme of construction of work clearly showing the materials men and equipments. The contractor will submit a programme of construction in the pattern of Bar Chart or Critical Path Method and a time table divided into four equal periods of progress of work to complete the work within the specific period for approval of the Engineer-In-Charge who reserves the right to make addition, alterations and substitutions to such programme in consultation with the contractor and such approved programme shall be adhered to by the contractor

unless the same is subsequently found impracticable in part or full in the, opinion of the Engineer-In-Charge and is modified by him. The contractor must pray in writing, showing sufficient reasons therein, for modification of programme.

The conditions laid down tender form regarding the division of total period and progress to work and the time table therefore as provided in the said clause shall be deemed to have been sufficiently complied with it the actual progress of work does not fall short of the progress laid down in the approved time table for one fourth, half and three fourth of time allowed for the work.

### **SETTING OUT OF THE WORK:**

The contractor shall be responsible for the true and perfect setting out of the work and for the correctness of the position, levels, dimensions and alignments of all parts of work, if any, rectification or adjustment becomes necessary the contractor shall have to do the same at his own cost according to the direction of the Engineer-In-Charge during progress of works. If any, errors appears or arise in respect of position, level, dimensions or alignment of any part of the work contractor shall at his own cost rectify such defects to the satisfaction of the Engineer-In-Charge. Any setting out that may be done or checked by either of them shall not in any way relieve the contractor or their responsibility for correctness and rectification thereof.

### **PRECAUTIONS DURING WORKS:**

The contractor shall carefully execute the work without disturbing or damaging underground or overhead service utilities viz. Electricity, Telephones, Gas, Water pipes, Sewers etc. in case disturbances of service utilities is found unavoidable the matter should immediately be brought to the notice of the Engineer-In-Charge and necessary precautionary measures as would be directed by the Engineer-In-Charge shall be carried out at the cost and expenses of the contractor. If the service utilities are damaged or disturbed in any way by the contractor during execution of the work, the cost of rectification or restoration of damages as would be fixed by the Engineer will be recovered from the contractor.

### **NIGHT WORK:**

The contractor shall not ordinarily be allowed to execute the work at night. The contractor may however, have to execute the work at night, if instructed by the Engineer-in-Charge. For true technical or emergent reasons the work may require to be executed during the night also according to the instruction of the Engineer-in-Charge. In that case the contractor shall have to arrange for separate set of labour with sufficient and satisfactory lighting arrangement for the night work. No extra payment whatever, in this respect will be made to the contractor.

### **TESTING OF QUALITIES OF MATERIALS & WORKMANSHIP:**

All materials and workmanship shall be in accordance with the specifications laid down in the contract and the Engineer-In-Charge reserves the right to test, examine and measure the materials/workmanship direct at the place of manufacture, fabrication or at the site of works or any suitable place. The contractor shall provide such assistance, instrument machine, labour and materials as the Engineer-In-Charge may require for examining, measuring and testing the works and quality, weight or quantity of materials used and shall supply samples for testing as may be selected and required by the Engineer- In-Charge without any extra cost. Besides this, he will carry out tests from outside Laboratory as per instruction of Engineer-In-Charge. The cost of all such tests would be borne by the agency.

**TIMELY COMPLETION OF WORK:**

All the supply and the work must have to be completed in all respects within the time specified in Notice Inviting Tender from the date of work order. Time for completion as specified in the tender shall be deemed to be the essence of the contract.

**PROCUREMENT OF MATERIALS:**

All materials required for complete execution of the work shall be supplied by the contractor after procurement from authorized and approved source.

**REJECTION OF MATERIALS:**

All materials brought to the site must be approved by the Engineer-In-Charge. Rejected materials must be removed by the Contractor from the site within 24 hours of the issue of order to that effect. In case of non-compliance of such order, the Engineer-In-Charge shall have the authority to cause such removal at the cost and expense of the contractor and the contractor shall not be entitled to claim for any loss or damage of that account.

**IMPLIMENTS OF WORK IN ITEMS:**

Except of such items as are included in the Specific Priced Schedule of probable items and approximate quantities no separate charges shall be paid for traffic control measures, shoring, shuttering, dewatering, curing etc. and the rates of respective items or works are to be deemed as inclusive of the same.

**DAMAGED CEMENT:**

Any cement lying at contractor's custody which is found at the time of use to have been damaged shall be rejected and must immediately be removed from the site by the contractor or disposed of as directed by Engineer-In-Charge at the costs and expenses of the contractor.

**FORCE CLOSURE:**

In case of force closure or abandonment of the works by the Department the contractor will be eligible to be paid for the finished work and reimbursement of expenses actually incurred but not for any losses.

**TENDER'S RATE:**

The contractor should note that the tender is strictly based on the rates quoted by the Contractor on the priced schedule of probable item of work. The quantities for various other items of works as shown in the priced schedule of probable items of works are based on the drawing and design prepared by the Department. If variations become necessary due to design consideration and as per actual site conditions, those have to be done by the contractor at the time of execution at the rate prescribed in the tender clause. No conditional rate will be allowed in any case.

**DELAY DUE TO MODIFICATION OF DRAWING AND DESIGN:**

The contractor shall not be entitled for any compensation for any loss suffered by him due to delays arising out of modification of the work due to non-delivery of the possession of site.

The whole work will have to be executed as per Departmental drawings available in this connection at the tender rate.

**ADDITIONAL CONDITIONS:**

- a) As per Finance (Taxation) Department of Income Tax Will be made from each bill of the contractor as per applicable rate in force.
- b) Labour welfare Cess will be deducted @ 1(one) % of gross bill value as per rule.

**FORM-I**

**Application Format**

**(To be furnished in the Company's Official Letter Head Pad with full Address with Contact No., Telephone No., FAX No., e-mail address, Website etc.)**

To  
Managing Director  
West Bengal Livestock Development  
Corporation Limited,  
LB-2, Sector-III, Salt Lake City,  
Kolkata – 700 106.

Sub: **DIFFERENT CONSTRUCTIONAL WORKS AT COMMERCIAL LAYER FARM, UNDER SLF,  
KALYANI, NADIA**

Ref: NIT No. **WBARD/WBLDC/NIT-89e/17-18 dated 03.01.2018**

Dear Sir,

With reference to your NIT under reference, I am/we are furnishing my/our rates tendered for as per your specification, terms & conditions.

Should this tender be accepted, the work shall be completed within stipulated period from the date of work order.

I/We further declare that I/we have inspected the site and are fully conversant with all aspects of the site and appraised the condition of the site in regards to the execution of this contract.

I / We understand that: -

- a) Tender Inviting and Accepting Authority can amend the scope & value of the contract bid under this NIT.
- b) Tender Inviting and Accepting Authority reserve the right to reject any Tender without assigning any reason.

I/We also agree that the decision of the Managing Director, West Bengal Livestock Development Corporation Ltd. in all matters in respect of this tender will be final & binding on me.

Yours faithfully,

Date:

Signature & office seal:

Name of the Firm:

Address with PIN:

**FORM-II**

**DECLARATION BY THE TENDERER**

I/We have inspected the site of work and have made myself/ourselves fully acquainted with local conditions in and around the site of work. I /We have carefully gone through the Notice Inviting e-Tender and other tender documents mentioned therein along with the drawing attached if any. I/We have also carefully gone through the 'Priced schedule of Probable Items and Quantities'.

My/Our tender is offered taking due consideration of all factors regarding the local site conditions stated in this Detailed Notice Inviting e-Tender to complete the proposed construction as per drawings referred to above in all respects.

I/We promise to abide by all the stipulations of the contract documents and to carry out and complete the work to the full satisfaction of the Engineer-In-Charge.

I/We also agree to procure tools and plants, at my/our own cost required for the work.

***Signature & Seal of the Bidder  
with Date***



## **CHECK LIST (Form-III)**

### **Information about Bidders (To be uploaded with the Technical Bid)**

<b>Sl.</b>	<b>Description</b>	<b>Particulars</b>
1	Name of the Firm	
2	a) Registered Address with PIN, Phone No, Fax No. E-mail address etc. b) Sole owner or Partnership Firm/Company	
3	Name of the Person authorized to enter into & execute contractual agreement	
4	Original PAN Card whether uploaded	
5	Original Prof. Tax Clearance Cert.with Paid Challan (valid up to date) whether uploaded	
6	Original GST/Sales Tax registration Certificate whether uploaded	
7	Original IT return, Saral for the Assessment year 2017-18 whether uploaded	
8	Original Trade License (valid up to date) whether uploaded	
9	Credential of similar nature of work whether uploaded	
10.	PF / ESI Certificate / Declaration	
11.	Copy of NIT digitally signed whether uploaded.	

***Signature & Seal of the Bidder  
with Date***

(BANK GUARANTEE SAMPLE FORMAT)

To,  
W.B.L.D.C Ltd. LB-2, Sector-III  
Salt Lake City  
Kolkata- 700-106

Tender Ref. No: WBARD/WBLDC/ /17-18, Date: \_\_\_\_\_

At request of our Client \_\_\_\_\_ having its Registered Office at \_\_\_\_\_ (hereinafter called the supplier) who has accepted the tender, for **DIFFERENT CONSTRUCTIONAL WORKS AT COMMERCIAL LAYER FARM, UNDER SLF, KALYANI, NADIA** (Name of the Work), with reference to the Offer letter (**Memo No.:** \_\_\_\_\_; **Dated:** \_\_\_\_\_). The supplier has requested us for a performance guarantee of **Rs.** \_\_\_\_\_ (**Rupees** \_\_\_\_\_) **only** (Including Tax, Insurance and Packing).

We \_\_\_\_\_ **BANK** having its branch office \_\_\_\_\_ situated at \_\_\_\_\_, hereby agree as follows:

In the event of the supplier failing to perform their obligations under the contract for any reason what-so-ever we shall pay without any demur a sum of **Rs.** \_\_\_\_\_ **only**. Your receipts for the sum claimed accompanied by your statement that the contractor failed comply with contract terms notwithstanding any contestations by the supplier or any other party.

Unless a demand or claim is made in writing by you to us under this guarantee and reaches us on or before due date, all our obligations hereunder shall cease and we shall not entertain any claim after the due date \_\_\_\_\_.

In issuance of said Bank Guarantee our guarantee is unconditional and valid in your favor until \_\_\_\_\_ including the mailing period. We indemnify you against any loss or damage whatsoever and the same will be remitted as per your advices.

Notwithstanding anything contained hereinabove, our liability under this guarantee is restricted to \_\_\_\_\_ and will remain in full force up to \_\_\_\_\_. All your rights under the said guarantee shall be forfeited and we shall be relieved and discharged from all liabilities hereunder unless a written claim for payment under this guarantee is lodged on us within zero months from the date of expiry of the guarantee i.e. on or before \_\_\_\_\_, irrespective of whether or not the original guarantee is returned to us.

**Notwithstanding anything contained under the said BG**

1. Our liability under this Bank Guarantee shall not exceed Rs. \_\_\_\_\_ (Rupees \_\_\_\_\_) only.
2. This Bank Guarantee shall be valid up to \_\_\_\_\_ 2018.
3. We are liable to pay to guarantee amount or part thereof under this Bank Guarantee only if you serve upon us a written claim or demand on or before \_\_\_\_\_, 2018.

Place: \_\_\_\_\_

Date: \_\_\_\_\_

**PROFORMA FOR AGREEMENT OF CONTRACTUAL CONTRACT**

This Agreement is signed and executed on this ..... day of ....., 2017 At Kolkata.

**BY AND BETWEEN**

**West Bengal Livestock Development Corporation Limited**, A Company registered under the Companies Act, 1956 and having its registered office at LB-2, Sector-III, Salt Lake City, Kolkata – 700106 represented by its Managing Director unless his rights and obligation relating to the objects and purports of these presents are delegated, to any other officer(s) of WBLDCL hereinafter referred to as the **First Party** (which expression shall, unless excluded by or repugnant to the context, means and includes his successors, representatives, permitted assignees, liquidators and administrators) of the **ONE PART.**

A N D

....., a company registered under the Company's Act/a partnership firm/Proprietorship Firm (delete whichever is not applicable) having its Registered Office at ..... represented by its ..... unless his rights and obligation relating to the objects and purports of these presents are delegated, to any other officer(s) of..... hereinafter referred to as the **Second Party** (which expression shall, unless excluded by or repugnant to the context, means and includes his successors, representatives, permitted assignees, liquidators and administrators) of the **OTHER PART.**

WHEREAS the **First Party** is desirous that the work of '**DIFFERENT CONSTRUCTIONAL WORKS AT COMMERCIAL LAYER FARM, UNDER SLF, KALYANI, NADIA**' and wanted to execute the said work and for the purpose floated open Tender online.

A N D

WHEREAS the **Second Party** offered his price against the said Tender and being eligible, his Tender having been accepted agreed to execute and complete the said work as detailed in the tender document along with bill of quantities and all other conditions.

Now, therefore, this agreement witnessed as follows:-

That the word and expression shall have same meanings as are respectively assigned to them in the general condition of the contract hereinafter referred to.

1. That the **Second Party** shall abide by all statutory obligations and payment statutory dues as are obligatory on the part of the **Second Party** and that any failure on his part if attracts any liability on the **First Party** the **Second Party** will, on intimation from the **First Party**, immediately compensate the same.
2. If any dispute or question arises any time between the parties about the rights and liabilities of each of them relating to the terms and conditions stated hereinabove shall unless and otherwise mutually resolved between the parties, the aggrieved party may refer the matter to the sole Arbitrator as may be appointed by the Govt. of West Bengal, ARD Department on reference from either Party for arbitration and the decision of the Arbitrator shall be final and binding on both the parties.
3. That all disputes shall be subject to the jurisdiction of the Calcutta High Court.

In witnesseth whereof:

The parties have set and subscribed their hands on this Agreement on the day, month and year first written.

Contractor

Managing Director.  
W.B.L.D.C.Ltd.

Seal

Seal

Witness and address: –

Witness and address: –

1.

1.

2.

2.

**SCOPE OF WORK (ANNEXURE – A)**

**Boundary Wall**

Sl. No.	Item Description	Quantity	Units
1	2	4	5
1.00	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. <b>Depth of excavation not exceeding 1,500 mm.</b>	183.00	%M <sup>3</sup>
2.00	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.. <b>Pakur variety</b>	20.25	M <sup>3</sup>
3.00	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) <b>25 mm to 30 mm thick wooden shuttering as per decision &amp; direction of Engineer-In-Charge.</b>	1686.00	M <sup>2</sup>
5.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor	1312.50	M <sup>2</sup>
6.00	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).  <b>With 1:6 cement mortar 15 mm thick plaster</b>	3582.00	M <sup>2</sup>
7.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur Variety</b>	137.99	M <sup>3</sup>
8.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. <b>Other than SAIL/ TATA/RINL</b>	3.000	MT
9.00	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in- charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental charges such as electricity charges, labour insurance charges etc. <b>For structural members of specified sections weighing less than 22.5 Kg/m</b>	0.480	MT

10.00	Applying Interior grade Acrylic Primer of approved quality and brand on plastered or concrete surface old or new surface to receive Distemper/ Acrylic emulsion paint including scraping and preparing the surface thoroughly, complete as per manufacturer's specification and as per direction of the EIC. (In Ground Floor) <b>One Coat</b> <b>Water based interior grade Acrylic Primer</b>	3582.00	%M <sup>2</sup>
11.00	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. (iii) Two coats.	3582.00	M <sup>2</sup>
12.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	125.00	M <sup>2</sup>
13.00	Supplying fitting and fixing 600 mm (±30 mm) diameter R.B.T (Reinforced Barbed Tape) Concertina fencing on wall top using concertina coils stretched to approx.6 meters length at site clipped with two nos. of horizontal R.B.T strands which will be tensioned and fixed with the vertical M.S angle iron posts by means of security fasteners (such as 'C' clips, R.B.T clips etc.)	625.00	M
14.00	Brick work with 1st class bricks in cement mortar (1:6) <b>In foundation and plinth</b>	93.75	M <sup>3</sup>

### Drain

Sl. No.	Item Description	Quantity	Units
1	2	4	5
1.00	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. <b>Depth of excavation not exceeding 1,500 mm.</b>	375.00	%M <sup>3</sup>
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	600.00	M <sup>2</sup>
3.00	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.. <b>Pakur variety</b>	118.53	M <sup>3</sup>
4.00	Brick work with 1st class bricks in cement mortar (1:6) <b>In foundation and plinth</b>	135.00	M <sup>3</sup>
5.00	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).  <b>With 1:6 cement mortar</b> <b>15 mm thick plaster</b>	1140.00	M <sup>2</sup>
6.00	Neat cement punning about 1.5mm thick in wall, dado, window sill, floor etc. NOTE:Cement 0.152 cu.m per100 sq.m.	1290.00	M <sup>2</sup>

### Cross Drain

Sl. No.	Item Description	Quantity	Units
1	2	4	5

1.00	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. <b>Depth of excavation not exceeding 1,500 mm.</b>	18.06	%M <sup>3</sup>
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	23.80	M <sup>2</sup>
3.00	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.. <b>Pakur variety</b>	2.968	M <sup>3</sup>
4.00	Brick work with 1st class bricks in cement mortar (1:4) <b>In foundation and plinth</b>	6.825	M <sup>3</sup>
5.00	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) <b>25 mm to 30 mm thick wooden shuttering as per decision &amp; direction of Engineer-In-Charge.</b>	18.96	M <sup>2</sup>
6.00	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).  <b>With 1:4 cement mortar 10 mm thick plaster</b>	19.065	M <sup>2</sup>
7.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur Variety</b>	5.46	M <sup>3</sup>
8.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. <b>Other than SAIL/ TATA/RINL</b>	0.210	MT
9.00	Supply of G. I. pipes of TATA make including necessary sockets <b>40 mm dia.Medium quality</b>	20.00	M

### **Compound Filling & Land Development**

Sl. No.	Item Description	Quantity	Units
1	2	4	5
1.00	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) (iv) With carried earth arranged by the contractor within a radius exceeding 5 km. but not exceeding 10 km. including cost of carried earth.	11000.00	%M <sup>3</sup>

2.00	Supplying & laying Double Wall Corrugated (with external annular corrugation and smooth internal walls) High Density Polyethelene Pipes conforming to IS 16098 (Part-II):2013 having Stiffness Class of SN 8 with Ring Stiffness not less than 8.00 KN/Sqm. and Impact Resistance TIR value not more than 10% including necessary jointing materials for non- pressure underground Drainage, Sewerage & Cross drainage application. 300mm internal dia.	650.00	M
3.00	Constructing Inspection pit of inside measurement 600mm X 600mm X upto 600mm (depth) with 250 mm thick 1st. class brick work in cement mortar (1:4) on all sides, bottom of the pit consisting of 100 mm thick cement concrete (1:3:6) with stone chips over a layer of jhama brick flat soling, 15 mm thick (1:4) cement plaster to inside walls and out-side walls upto G.L. and 20 mm.thick (1:4) plaster to bottom of the pit, providing necessary invert with cement concrete (1:3:6) with stone chips as per direction, neat cement finishing to entire internal surfaces, top of the pit covered with 100 mm thick R.C.C. slab (1:1.5:3) with stone chips and necessary reinforcements upto 1% and shuttering including 6 mm thick cement plaster (1:4) in all external surfaces of the slab and one 560 mm dia. R.C.C. manhole cover of approved make supplied, fitted and fixed in the slab with necessary fittings, necessary earthwork in excavation in all sorts of soil, filling sides of the pit with earth and removing spoils after work complete in all respect with all costs of labour and materials. With Pakur variety. (SAIL/TATA/RINL)	30.00	Each

### Car-Parking

Sl. No.	Item Description	Quantity	Units
1	2	4	5
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	4550.00	M <sup>2</sup>
4.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. <b>Other than SAIL/ TATA/RINL</b>	6.000	MT
5.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur Variety</b>	525.00	M <sup>3</sup>
6.00	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. <b>In Ground Floor: (a) One Coat</b>	81.00	%M <sup>2</sup>



7.00	Providing and fixing at or near ground level precast cement concrete in kerbs (size: 410 mm x 310 mm x width 150 mm at bottom with circular nosing at top) (Nano kerb) of cement concrete M25 Grade without reinforcement, fixing as per approved pattern and setting in position at site after preparing the bed grade and slopes by laying Cement concrete with jhama khoa (1:4:8) as per specification and direction of Engineer-in-Charge including filling of joints with 10 mm thick cement mortar (3:1) and back filling the vertical piece properly with earth duly compacted and curing the mortar joints for atleast 3 days including cost and carriage of all materials complete.	270.00	M
8.00	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. In Ground floor (Two Coat) c) Super Protective 100% Acrylic Emulsion.	81.00	M <sup>2</sup>

### Road Work

Sl. No.	Item Description	Quantity	Units
1	2	4	5
2.00	Box cutting or filling in Road embankment in all sorts of soil including spreading the spoils properly over the flank as necessary or on berm to approximate grade & camber and rolling the sub-grade with power roller to proper camber and grade as per direction and satisfaction of Engineer-in-charge including uprooting and removing plants and jungles when and where necessary. (a) Depth up to 150 mm.	3520.00	M <sup>2</sup>
4.00	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.. <b>Pakur variety</b>	352.00	M <sup>3</sup>
5.00	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) <b>25 mm to 30 mm thick wooden shuttering as per decision &amp; direction of Engineer-In-Charge.</b>	2112.00	M <sup>2</sup>

6.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur Variety</b>	528.00	M <sup>3</sup>
7.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. <b>Other than SAIL/ TATA/RINL</b>	10.560	MT

### Chowkidar Room

Sl. No.	Item Description	Quantity	Units
1	2	4	5
1.00	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. <b>Depth of excavation not exceeding 1,500 mm.</b>	3.60	%M <sup>3</sup>
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	4.00	M <sup>2</sup>
3.00	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.. <b>Pakur variety</b>	0.40	M <sup>3</sup>
4.00	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) <b>25 mm to 30 mm thick wooden shuttering as per decision &amp; direction of Engineer-In-Charge.</b>	20.25	M <sup>2</sup>
5.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur Variety</b>	4.673	M <sup>3</sup>

6.00	<p>Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contrr]e)</p> <p><b>With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) &amp; 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment.</b></p> <p><b>Deep Colour &amp; White</b></p>	7.20	M <sup>2</sup>
7.00	<p>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).</p> <p><b>With 1:6 cement mortar 15 mm thick plaster</b></p>	95.14	M <sup>2</sup>
8.00	<p>Brick work with 1st class bricks in cement mortar (1:6)</p> <p><b>In foundation and plinth</b></p>	13.12	M <sup>3</sup>
9.00	<p>Supplying solid flush type doors of commercial quality, the timber frame consisting of top and bottom rails and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 37.5mm wide battens places both ways in order to make the door of solid core and internal lipping with Garjan or similar wood veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing shutters in position but excluding the cost of hinges and other fittings in ground floor. 32 mm thick shutters (single leaf)</p>	0.500	MT
10.00	<p>Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark.</p> <p><b>75mm. X 60mm. X 3.15mm.</b></p>	8.000	Nos
11.00	<p>Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting.</p> <p><b>200mm long</b></p>	2.000	Nos
12.00	<p>Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws:</p> <p><b>150mm long x 12mm dia. bolt.</b></p>	2.000	Nos

13.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	91.14	M <sup>2</sup>
14.00	Applying Acrylic Emulsion Paint of approved make and brand on walls and ceiling including sand papering in intermediate coats including putty (to be done under specific instruction of Superintending Engineer) : (Two Standard Quality coats)	17.64	M <sup>2</sup>
15.00	Labour charge for fabrication and installation of composite door, window, partitions made from anodized extruded alloy aluminium sections for the following units:- Glazed aluminium sliding windows made of extruded and anodized alloy aluminium sections, fabrications, including cutting to proper shape and size, drilling and aligning of window shutter frame fitted with in built locking arrangements, sliding rollers and other necessary fittings, fixture, adhesives and joineries along with extruded neoprene or EPDM gasketing in between window frame and masonry work (walls, column, beam, lintels etc.) as well as between glass and shutter frame for fixing glass and Polysulphide sealant and in between shutter and window frame where necessary including cutting to requisite size and fixing glass as per drawing, specification and direction of EIC. The rate includes the hire charge of all tools and plants, including all incidental charges, adhesive, joineries such as screw, cleat angle etc. but excluding the cost of extruded aluminium sections, glass, neoprene / EPDM gasket, locking arrangement and rollers. <b>2 track sliding window.</b>	20.00	M <sup>2</sup>
16.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. <b>Other than SAIL/ TATA/RINL</b>	0.200	MT
17.00	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 Single Socketed 3 Meter Length 110 mm	9.000	M
18.00	Bend 110 mm 87.5°	2.000	M
19.00	Shoe	2.000	M
20.00	Plain Tee 110 mm	2.000	M

### Office Building

Sl. No.	Item Description	Quantity	Units
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1.00	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. <b>Depth of excavation not exceeding 1,500 mm.</b>	64.12	%M <sup>3</sup>
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	249.18	M <sup>2</sup>
3.00	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) <b>With earth obtained from excavation of foundation</b>	42.75	%M <sup>3</sup>
4.00	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.. <b>Pakur variety</b>	4.91	M <sup>3</sup>
5.00	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) <b>25 mm to 30 mm thick wooden shuttering as per decision &amp; direction of Engineer-In-Charge.</b>	270.00	M <sup>2</sup>
6.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur Variety Ground Floor</b>	40.00	M <sup>3</sup>
6.01	<b>1st Floor</b>	53.92	M <sup>3</sup>
7.00	Brick work with 1st class bricks in cement mortar (1:6) <b>In foundation and plinth Gr Floor</b>	51.09	M <sup>3</sup>
7.01	<b>1st Floor</b>	51.09	M <sup>3</sup>
8.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor	30.00	M <sup>2</sup>
8.01	<b>1st Floor</b>	40.01	M <sup>2</sup>
9.00	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).  <b>With 1:6 cement mortar 15 mm thick plaster out side</b>	573.00	M <sup>2</sup>
9.01	<b>Gr Floor Inside</b> <b>15 mm thick</b>	505.32	M <sup>2</sup>
9.02	<b>1st Floor</b>	505.32	M <sup>2</sup>
10.00	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)	171.00	%M <sup>3</sup>
11.00	18 mm. to 22 mm. thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair & lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including rinding & polishing as per direction of Engineer - in - charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @2.0 kg/Sq.m]	453.27	M <sup>2</sup>

12.00	Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor: <b>35mm thick shutters (single leaf)</b>	26.67	M <sup>2</sup>
13.00	Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame exluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be correted upto three decimals). Sal : Malaysian	0.72	M <sup>3</sup>
14.00	Glazed shutters of doors, windows, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4kg./sq.m. 3mm. Thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings. cost of glass, putty, woded beads etc.will be paid separately. In ground floor. <b>35mm thick shutters.</b> <b>Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.</b>	23.96	M <sup>2</sup>
15.00	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. <b>Grill weighing above 16 Kg./sq.mtr and above</b>	8.41	Qntl
16.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. <b>75mm. X 60mm. X 3.15mm.</b>	144.00	Each
16.01	<b>100mm. X 75mm. X 3.50mm.</b>	88.00	Each
17.00	Anodised aliminium D-type handle of approved quality manufactured from extruded section conforming to I.S. specification (I.S. 230/72) fitted and fixed complete With continuous plate base (Hexagonal/ Round rod) <b>100 mm grip x 12 mm dia rod.</b>	64.00	Each
18.00	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. <b>250mm long</b>	12.00	Each
19.00	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws: 150mm long x 12mm dia. bolt.	54.00	Each
19.01	<b>300mm long x 12mm dia. bolt.</b>	24.00	Each
20.00	Rendering the surface of walls and ceiling with plaster of paris (thickness not less than 1.5 mm.)	1992.72	M <sup>2</sup>
21.00	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. <b>One Coat</b>	637.40	M <sup>2</sup>

22.00	Applying decorative cement based paint of approved quality after preparing the surface including scraping the same thoroughly (plastered or concrete surface) as per manufacturer's specification. <b>Two coats.</b>	929.90	M <sup>2</sup>
23.00	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. <b>Premium 100% Acrylic Emulsion</b>	77.10	M <sup>2</sup>
24.00	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.. <b>66mm x 90mm</b>	22.68	M
25.00	Supplying, fitting & fixing true to line and level digital elevation Ceramic tiles of approved brand conforming to IS:15622:2006 Group B III and tested as per IS:13630:2006 as ornamental cladding on external wall in natural stone, brick, wood, bamboo pattern/ design fixed with adhesive 4.5 mm thick at the back of each tile & finishing the joints with white cement mixed with colouring oxide if required to match the colour of tiles including roughening of concrete surface, if necessary or by synthetic adhesive & grout materials etc. With polymerised adhesive and epoxy grout pointing including spacer - 2mm (When tiles are laid over existing hard ready surface) all complete as per direction of Engineer-in-charge.	202.00	M <sup>2</sup>
26.00	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, long screw, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accessories, specials. Payment for painting will be made separately) For Exposed Work 20 mm dia. light quality	120.00	M
26.01	25 mm dia. light quality	130.00	M
26.02	32 mm dia. light quality	50.00	M
26.03	50 mm dia. light quality	250.00	M
27.00	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. With 'S' trap (with vent)	10.00	Each
28.00	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.	10.00	Each
29.00	Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets <b>550 mm X 400 mm size</b>	14.00	Each

30.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.). <b>50 mm dia</b>	2.00	Each
30.01	<b>32 mm dia</b>	2.00	Each
30.02	<b>25 mm dia</b>	2.00	Each
31.00	Supplying, fitting and fixing bib cock or stop cock. <b>Chromium plated Bib Cock short body (Equivalent to Code No. 511 &amp; Model - Tropical / Sumthing Special of ESSCO or similar brand).</b>	32.00	Each
32.00	Supplying, fitting and fixing pillar cock of approved make. <b>CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 &amp; Model - Tropical / Sumthing Special of ESSCO or similar brand).</b>	14.00	Each
33.00	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm	14.00	Each
34.00	Supplying, fitting and fixing towel rail with two brackets. <b>Aluminium 25 mm dia. and 600 mm long</b>	14.00	Each
35.00	Supplying, fitting and fixing soap holder. <b>PTMT (Prayag or equivalent)</b>	14.00	Each
36.00	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992 <b>Single Socketed 3 Meter Length 110 mm</b>	14.00	M
37.00	Fittings <b>Bend 110 mm</b>	20.00	Each
37.01	<b>Plain Tee 110 mm</b>	20.00	Each
37.02	<b>Plain Y 110 mm</b>	20.00	Each

### Washing Room

Sl. No.	Item Description	Quantity	Units
1	2	4.00	5
1.00	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. <b>Depth of excavation not exceeding 1,500 mm.</b>	7.77	%M <sup>3</sup>
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	23.64	M <sup>2</sup>
3.00	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.. <b>Pakur variety</b>	2.364	M <sup>3</sup>



4.00	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) <b>25 mm to 30 mm thick wooden shuttering as per decision &amp; direction of Engineer-In-Charge.</b>	13.36	M <sup>2</sup>
5.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur</b> <b>Ground Floor</b> <b>Variety</b>	6.632	M <sup>3</sup>
6.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. <b>Other</b> <b>SAIL/ TATA/RINL</b> <b>than</b>	2.320	MT
7.00	Brick work with 1st class bricks in cement mortar (1:6) <b>In foundation and plinth</b>	18.25	M <sup>3</sup>
8.00	125 mm. thick brick work with 1st class bricks in cement mortar (1:4) in ground floor	20.07	M <sup>2</sup>
9.00	Dismantling artificial stone flooring upto 50 mm. thick by carefully chiselling without damaging the base and removing rubbish as directed within a lead of 75 m. In ground floor including roof.	9.00	M <sup>2</sup>
10.00	18 mm. to 22 mm. thick, kota stone slab set in 20 mm thick (avg) cement mortar (1:4) in floor, stair & lobby including pointing in cement slurry with admixture of pigment matching the stone shade, including grinding & polishing as per direction of Engineer - in - charge to match with the existing work. [Slurry for bedding @ 4.4 kg/Sq.m and pointing @2.0 kg/Sq.m]	7.50	M <sup>2</sup>

11.00	<p>Supplying and laying true to line and level vitrified tiles of approved brand (size not less than 600 mm X 600 mm X 10 mm thick) in floor, skirting etc. set in 20 mm sand cement mortar (1:4) and 2 mm thick cement slurry back side of tiles using cement @ 2.91Kg./sqM or using polymerised adhesive (6 mm thick layer applied directly over finished artificial stone floor/Mosaic etc without any backing course) laid after application slurry using 1.75 Kg of cement per sqM below mortar only, joints grouted with admixture of white cement and colouring pigment to match with colour of tiles / epoxy grout materials of approved make as directed and removal of wax coating of top surface of tiles with warm water and polishing the tiles using soft and dry cloth upto mirror finish complete including the cost of materials, labour and all other incidental charges complete true to the manufacturer's specification and direction of Engineer-in-Charge. (White cement, synthetic adhesive and grout material to be supplied by the contractor]</p> <p><b>With application slurry @1.75 kg/ Sq.m, 20 mm sand cement mortar (1:4) &amp; 2 mm thick cement slurry at back side of tiles, 0.2 kg/ Sq.m white cement for joint filling with pigment.</b></p> <p><b>Deep Colour &amp; White</b></p>	31.50	M <sup>2</sup>
12.00	<p>Wood work in door and window frame fitted and fixed in position complete including a protective coat of painting at the contact surface of the frame excluding cost of concrete, Iron Butt Hinges and M.S clamps. (The quantum should be corrected upto three decimals). Sal : Malayasian</p>	0.135	M <sup>3</sup>
13.00	<p>Supplying solid flush type doors of deluxe decorative (both side) quality, conforming to I:S 2202 timber frame consisting of top and bottom rail and side styles of well seasoned timber 65mm wide each and the entire frame fitted with 27.5mm wide battens places both ways in order to made the door of solid core and internal lipping with teak, mahogany or rose wood approved decorative veneers using phenol formaldehyde as glue etc. complete, including fitting, fixing the shutters in position but excluding the cost of hinges and other fittings in ground floor: <b>35mm thick shutters (single leaf)</b></p>	2.52	M <sup>2</sup>
14.00	<p>Glazed shutters of doors, windows, fan light, clerestory windows etc. as per design (with ordinary glass of 7.4kg./sq.m. 3mm. Thick) fitted with putty bed and teak wood bead and nails including fitting and fixing shutter in position but excluding the cost of hinges and other fittings. cost of glass, putty, wooded beads etc.will be paid separately. In ground floor. <b>35mm thick shutters.</b> <b>Sishu, Gamar, Champ,Badam,Bhola, Mogra, Hallak.</b></p>	3.24	M <sup>2</sup>
15.00	<p>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. <b>Grill weighing above 16 Kg./sq.mtr and above</b></p>	0.52	Qntl

16.00	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.	2.52	M <sup>2</sup>
17.00	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).  <b>With 1:6 cement mortar 20 mm thick plaster out side</b>	78.62	M <sup>2</sup>
17.01	<b>Gr Floor Inside 15 mm thick</b>	177.10	M <sup>2</sup>
18.00	Rendering the surface of walls and ceiling with plaster of paris (thickness not less than 1.5 mm.)	255.72	M <sup>2</sup>
19.00	Applying Exterior grade Acrylic primer of approved quality and brand on plastered or concrete surface old or new surface to receive decorative textured (matt finish) or smooth finish acrylic exterior emulsion paint including scraping and preparing the surface throughly, complete as per manufacturer's specification and as per direction of the EIC. <b>One Coat</b>	255.72	M <sup>2</sup>
20.00	Protective and Decorative Acrylic exterior emulsion paint of approved quality, as per manufacturer's specification and as per direction of Engineer-in-Charge to be applied over acrylic primer as required. The rate includes cost of material, labour, scaffolding and all incidental charges but excluding the cost of primer. <b>Premium 100% Acrylic Emulsion</b>	77.10	M <sup>2</sup>
21.00	Acrylic Distemper to interior wall, ceiling with a coat of solvent based interior grade acrylic primer (as per manufacturer's specification) including cleaning and smoothing of surface. Two Coats	177.10	M <sup>2</sup>
22.00	Iron butt hinges of approved quality fitted and fixed with steel screws, with ISI mark. <b>75mm. X 60mm. X 3.15mm.</b>	16.00	Each
23.00	Iron hasp bolt of approved quality fitted and fixed complete (oxidised) with 16mm dia rod with centre bolt and round fitting. <b>250mm long</b>	1.00	Each
24.00	Supplying, fitting and fixing fibre reinforced polymer (FRP) Composite door frame as per approved section with glass fibre reinforced plastic moulded skins and a special sandwich core, so as to impart monolithic composite structure as per approved technology of Department of Science and Technology (DST) to satisfy IS: 4020 door testing performance criteria.. <b>66mm x 90mm</b>	3.15	M <sup>2</sup>

25.00	Anodised aluminium barrel / tower / socket bolt (full covered) of approved manufactured from extruded section conforming to I.S. 204/74 fitted and fixed with cadmium plated screws: 150mm long x 12mm dia. bolt.	54.00	Each
26.00	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made seperately) For Exposed Work 20 mm dia. light quality	30.00	M
26.01	25 mm dia. light quality	50.00	M
26.02	32 mm dia. light quality	100.00	M
26.03	50 mm dia. light quality	200.00	M
27.00	Supplying, fitting and fixing Anglo-Indian W.C. in white glazed vitreous china ware of approved make complete in position with necessary bolts, nuts etc. With 'S' trap (with vent)	1.00	Each
28.00	Supplying, fitting and fixing 10 litre P.V.C. low-down cistern conforming to I.S. specification with P.V.C. fittings complete, C.I. brackets including two coats of painting to bracket etc.	1.00	Each
29.00	Wash basin vitreous china of approved make (without fittings) supplied, fitted and fixed in position on 75mm X 75 mm X 75 mm wood blocks and C.I. brackets including two coats of painting of C.I. brackets <b>550 mm X 400 mm size</b>	3.00	Each
30.00	Supplying, fitting and fixing Peet's valve fullway gunmetal standard pattern best quality of approved brand bearing I.S.I. marking with fittings (tested to 21 kg per sq. cm.). <b>50 mm dia</b>	1.00	Each
30.01	<b>32 mm dia</b>	1.00	Each
30.02	<b>25 mm dia</b>	1.00	Each
31.00	Supplying, fitting and fixing bib cock or stop cock. <b>Chromium plated Bib Cock short body (Equivalent to Code No. 511 &amp; Model - Tropical / Sumthing Special of ESSCO or similar brand).</b>	12.00	Each
32.00	Supplying, fitting and fixing pillar cock of approved make. <b>CP Pillar Cock - 15 mm. (Equivalent to Code No. 507 &amp; Model - Tropical / Sumthing Special of ESSCO or similar brand).</b>	14.00	Each

33.00	Supplying, fitting and fixing best quality Indian make mirror 5.5 mm thick with silvering as per I.S.I. specifications supported on fibre glass frame of any colour, frame size 550 mm X 400 mm	3.00	Each
34.00	Supplying, fitting and fixing towel rail with two brackets. <b>Aluminium</b> <b>25 mm dia. and 600 mm long</b>	3.00	Each
35.00	Supplying, fitting and fixing soap holder. <b>PTMT (Prayag or equivalent)</b>	3.00	Each
36.00	Supply of UPVC pipes (B Type) & fittings conforming to IS-13592-1992  <b>Single Socketed 3 Meter Length</b> <b>110 mm</b>	14.00	M
37.00	Fittings <b>Bend</b> <b>110 mm</b>  <b>87.5°</b>	2.00	Each
37.01	<b>Plain</b> <b>110 mm</b>  <b>Tee</b>	2.00	Each
37.02	<b>Plain</b> <b>110 mm</b>  <b>Y</b>	2.00	Each

### Gate

Sl. No.	Item Description	Quantity	Units
1	2	4	5
1.00	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. <b>Depth of excavation not exceeding 1,500 mm.</b>	5.00	%M <sup>3</sup>
2.00	Single Brick Flat Soling of picked jhama bricks including ramming and dressing bed to proper level and filling joints with local sand.	20.00	M <sup>2</sup>
2.00	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.. <b>Pakur variety</b>	5.00	M <sup>3</sup>
3.00	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) <b>25 mm to 30 mm thick wooden shuttering as per decision &amp; direction of Engineer-In-Charge.</b>	163.00	M <sup>2</sup>
6.00	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).  <b>With 1:6 cement mortar</b> <b>15 mm thick plaster</b>	150.00	M <sup>2</sup>
7.00	Ordinary Cement concrete (mix 1:1.5:3) with graded stone chips (20 mm nominal size) excluding shuttering and reinforcement if any, in ground floor as per relevant IS codes. <b>Pakur Variety</b>	12.00	M <sup>3</sup>

8.00	Reinforcement for reinforced concrete work in all sorts of structures including distribution bars, stirrups, binders etc initial straightening and removal of loose rust (if necessary), cutting to requisite length, hooking and bending to correct shape, placing in proper position and binding with 16 gauge black annealed wire at every intersection, complete as per drawing and direction. <b>Other than SAIL/ TATA/RINL</b>	0.500	MT
9.00	M.S. structural works in columns, beams etc. with simple rolled structural members (e.g. joists, angle, channel sections conforming to IS: 226, IS: 808 & SP (6)- 1964 connected to one another with bracket, gussets, cleats as per design, direction of Engineer-in- charge complete including cutting to requisite shape and length, fabrication with necessary bolting, metal arc welding conforming to IS: 816- 1969 & IS: 1995 using electrodes of approved make and brand conforming to IS:814- 2004, haulage, hoisting and erection all complete. The rate includes the cost of rolled steel section, consumables such as electrodes, gas and hire charge of all tools and plants and labour required for the work including all incidental chages such as electricity charges, labour insurance charges etc. <b>For structural members of specified sections weighing less than 22.5 Kg./m</b>	1.000	MT
10.00	Supplying, fitting & fixing granite slabs 15mm to 18 mm. thick with uniform texture & without decorative veins in columns, wall, facia etc. with 15 mm thick [avg] cement mortar (1:2) including making suitable arrangements to hold the stones properly by brass / copper hooks including pointing in cement nmortar (1:2) (1 white cement : 2 marble dust) with admixture of pigment matching the stone shades all complete as per direction of the Engineer-in-charge including cost of all materials, labours, scaffolding, staging ,curing and roughening of concrete surface complete. Area of each Granite slab > 0.6 upto 1.0 square metre. [Using cement slurry at back side of granite @ 4.4 kg/sq.m & white cement slurry for joint filling @ 1.8 kg/sq.m]	150.00	M <sup>2</sup>
12.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	120.00	M <sup>2</sup>
13.00	Priming one coat on steel or other metal surface with synthetic oil bound primer of approved quality including smoothening surfaces by sand papering etc.	91.14	M <sup>2</sup>
14.00	Supplying, fitting and fixing G.I. pipes of TATA make with all necessary accessories, specials viz. socket, bend, tee, union, cross, elbo, nipple, longscrew, reducing socket, reducing tee, short piece etc. fitted with holder bats clamps, including cutting pipes, making threads, fitting, fixing etc. complete in all respect including cost of all necessary fittings as required, jointing materials and two coats of painting with approved paint in any position above ground. (Payment will be made on the centre line measurements of total pipe line including all specials. No separate payment will be made for accesories, specials. Payment for painting will be made seperately) For Exposed Work 50 mm dia	40.00	M

**N.B-**

**\*OTHER THAN SAIL / TATA means ELEGANT / SRMB.**

**\*\* For structural members – BANSAL / SAIL / TATA / JINDAL.**